

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016663.D
 Acq On : 16 Dec 2023 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

Quant Time: Dec 18 00:35:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	229509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	312263	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	150135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89263	47.600	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.200%		
35) Dibromofluoromethane	7.722	113	95441	49.434	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.860%		
50) Toluene-d8	10.185	98	366376	48.208	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.420%		
62) 4-Bromofluorobenzene	12.483	95	115811	46.807	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.620%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	83869	46.888	ug/l	95
3) Chloromethane	2.113	50	128143	45.972	ug/l	99
4) Vinyl Chloride	2.253	62	152944	47.797	ug/l	97
5) Bromomethane	2.656	94	102040	44.554	ug/l	98
6) Chloroethane	2.796	64	96731	46.477	ug/l	93
7) Trichlorofluoromethane	3.131	101	169600	47.455	ug/l	100
8) Diethyl Ether	3.528	74	54246	48.591	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	105391	47.681	ug/l	94
10) Methyl Iodide	4.095	142	114125	49.610	ug/l	94
11) Tert butyl alcohol	4.948	59	30852	203.691	ug/l #	97
12) 1,1-Dichloroethene	3.875	96	98748	47.390	ug/l	91
13) Acrolein	3.729	56	23749	216.329	ug/l	100
14) Allyl chloride	4.485	41	135596	47.996	ug/l #	94
15) Acrylonitrile	5.167	53	109810	236.365	ug/l	97
16) Acetone	3.948	43	129693	298.009	ug/l	89
17) Carbon Disulfide	4.198	76	321502	48.783	ug/l	100
18) Methyl Acetate	4.479	43	83521	47.648	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	238259	48.766	ug/l	100
20) Methylene Chloride	4.722	84	111588	47.142	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	116489	47.984	ug/l	93
22) Diisopropyl ether	6.125	45	298216	49.253	ug/l	87
23) Vinyl Acetate	6.064	43	732441	245.501	ug/l #	92
24) 1,1-Dichloroethane	6.021	63	188358	47.671	ug/l	96
25) 2-Butanone	6.984	43	164028	260.621	ug/l	92
26) 2,2-Dichloropropane	6.984	77	168549	48.047	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	126999	48.441	ug/l	91
28) Bromochloromethane	7.338	49	71915	51.354	ug/l	90
29) Tetrahydrofuran	7.350	42	87321	239.322	ug/l #	85
30) Chloroform	7.509	83	196544	47.830	ug/l	96
31) Cyclohexane	7.795	56	171529	46.288	ug/l	88
32) 1,1,1-Trichloroethane	7.704	97	177514	48.153	ug/l	98
36) 1,1-Dichloropropene	7.923	75	157623	49.292	ug/l	99
37) Ethyl Acetate	7.076	43	62417	47.365	ug/l	95
38) Carbon Tetrachloride	7.905	117	157387	48.999	ug/l	95
39) Methylcyclohexane	9.185	83	200126	49.794	ug/l	94
40) Benzene	8.161	78	452806	48.314	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	32503m	48.965	ug/l	
42) 1,2-Dichloroethane	8.240	62	116603	48.678	ug/l	93
43) Isopropyl Acetate	8.277	43	116793	48.223	ug/l #	88
44) Trichloroethene	8.947	130	124294	47.619	ug/l	98
45) 1,2-Dichloropropane	9.222	63	107927	49.293	ug/l	97
46) Dibromomethane	9.307	93	59917	49.483	ug/l	94
47) Bromodichloromethane	9.502	83	149675	48.923	ug/l	99
48) Methyl methacrylate	9.295	41	65942	49.170	ug/l #	85
49) 1,4-Dioxane	9.295	88	12604	971.724	ug/l #	65
51) 4-Methyl-2-Pentanone	10.075	43	310649	244.565	ug/l	90
52) Toluene	10.246	92	288339	49.115	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	141112	48.893	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	170127	49.026	ug/l #	89
55) 1,1,2-Trichloroethane	10.648	97	82066	48.235	ug/l	99
56) Ethyl methacrylate	10.514	69	75497	51.181	ug/l #	81
57) 1,3-Dichloropropane	10.795	76	137826	48.676	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	209215	206.444	ug/l	95
59) 2-Hexanone	10.837	43	250993	240.856	ug/l	86
60) Dibromochloromethane	10.990	129	100837	48.904	ug/l	100
61) 1,2-Dibromoethane	11.093	107	77026	48.237	ug/l	99
64) Tetrachloroethene	10.727	164	122813	48.006	ug/l	98
65) Chlorobenzene	11.520	112	296642	48.704	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	109670	49.234	ug/l	98
67) Ethyl Benzene	11.599	91	544172	49.661	ug/l	96
68) m/p-Xylenes	11.703	106	419649	99.269	ug/l	92
69) o-Xylene	12.032	106	192428	49.765	ug/l	96
70) Styrene	12.050	104	283284	50.566	ug/l	96
71) Bromoform	12.215	173	58328	48.285	ug/l #	99
73) Isopropylbenzene	12.331	105	521550	49.388	ug/l	99
74) N-amyl acetate	12.148	43	95529	48.263	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.587	83	85580	47.635	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	59822m	43.500	ug/l	
77) Bromobenzene	12.611	156	119527	48.310	ug/l	92
78) n-propylbenzene	12.672	91	624495	49.475	ug/l	100
79) 2-Chlorotoluene	12.764	91	331706	47.856	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	420485	49.797	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	28755	47.783	ug/l	91
82) 4-Chlorotoluene	12.855	91	351654	49.061	ug/l	97
83) tert-Butylbenzene	13.081	119	372104	50.502	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	417800	49.889	ug/l	97
85) sec-Butylbenzene	13.258	105	541938	50.126	ug/l	99
86) p-Isopropyltoluene	13.373	119	471449	51.074	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	234092	48.680	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	226850	47.975	ug/l	99
89) n-Butylbenzene	13.703	91	439044	51.200	ug/l	98
90) Hexachloroethane	13.965	117	88126	47.966	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	198743	48.168	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11681	44.922	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	111718	50.124	ug/l	100
94) Hexachlorobutadiene	15.117	225	63340	47.345	ug/l	99
95) Naphthalene	15.239	128	196516	50.555	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	90177	49.081	ug/l	100

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QLast Update : Sat Dec 16 00:39:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

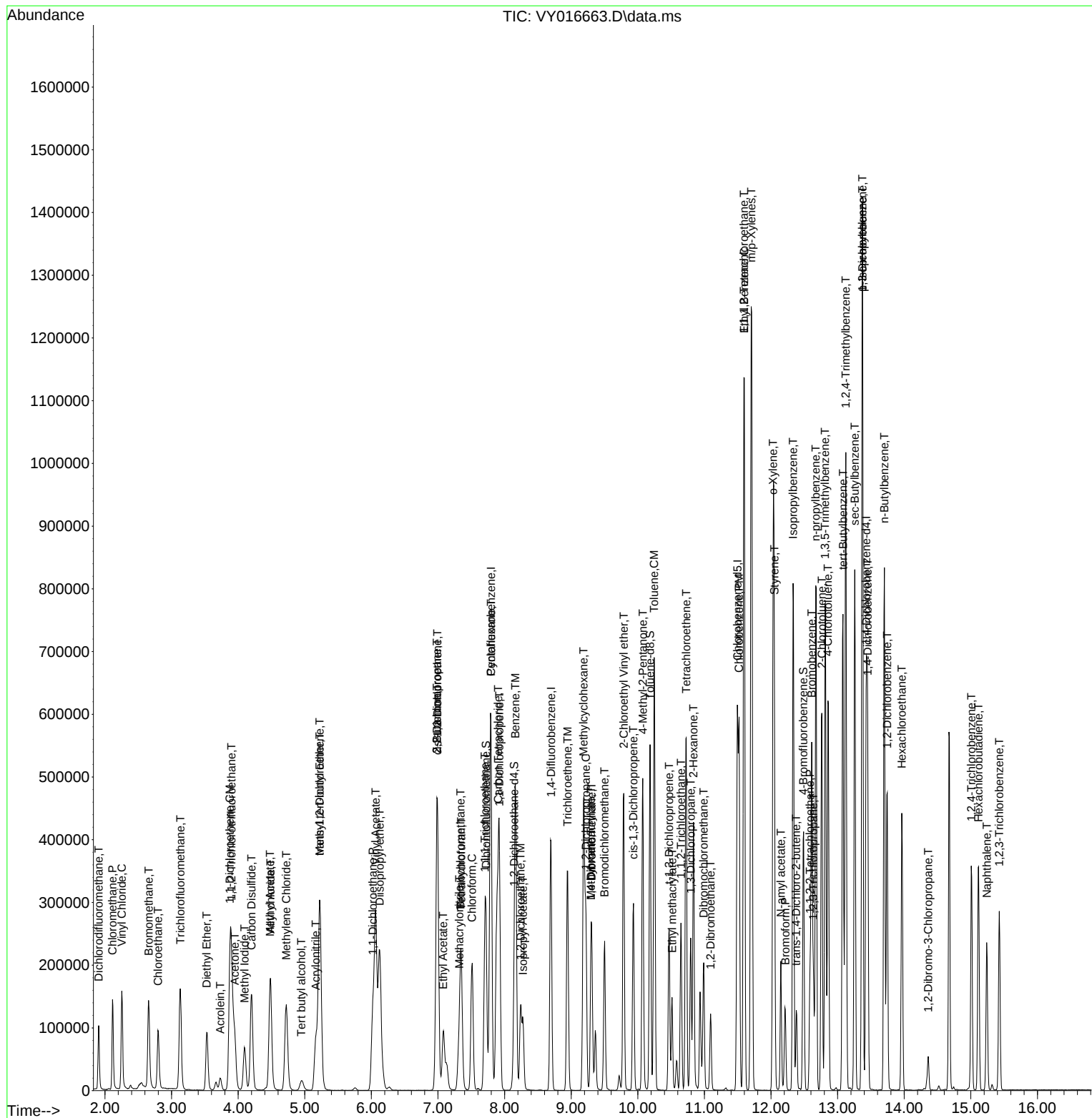
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
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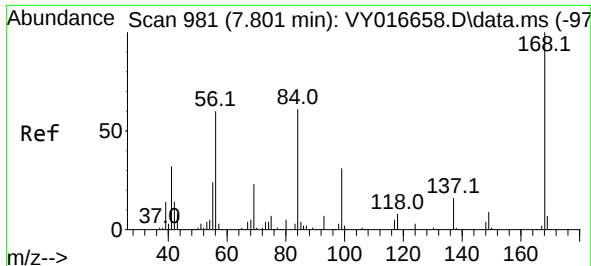
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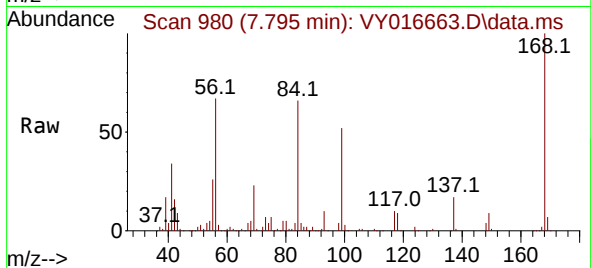
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. -0.006 min
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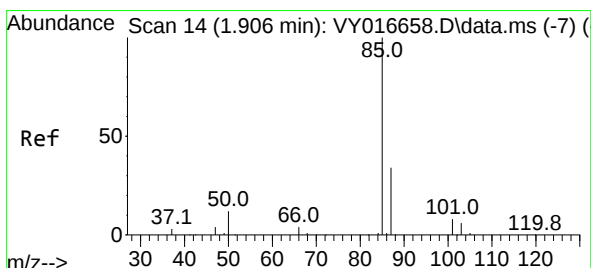
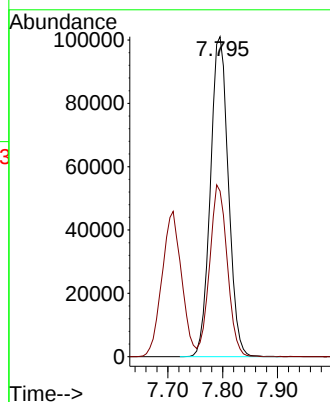
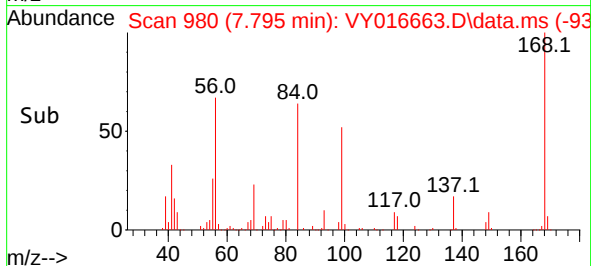
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 229509
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0

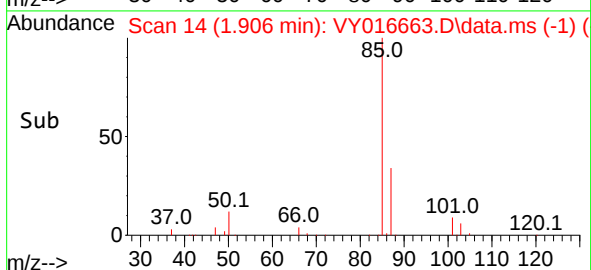
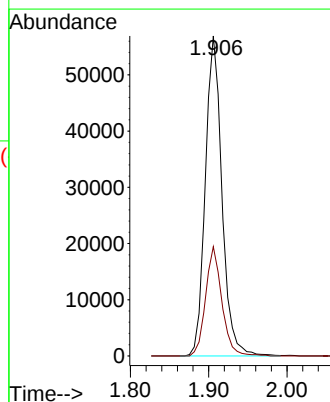
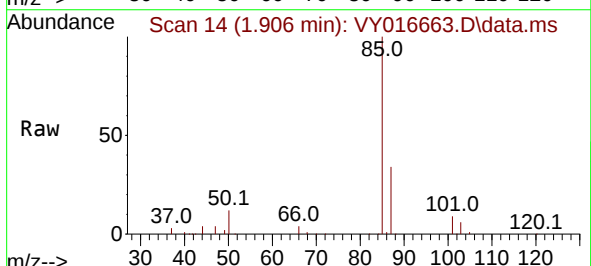
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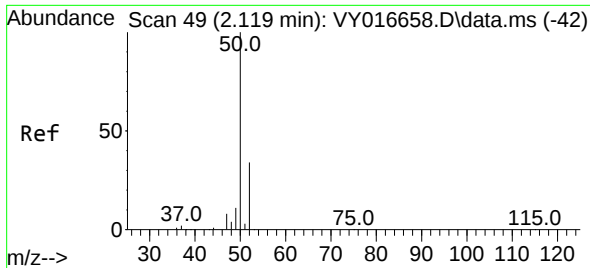
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#2
Dichlorodifluoromethane
Concen: 46.888 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 85 Resp: 83869
Ion Ratio Lower Upper
85 100
87 34.2 15.6 46.8





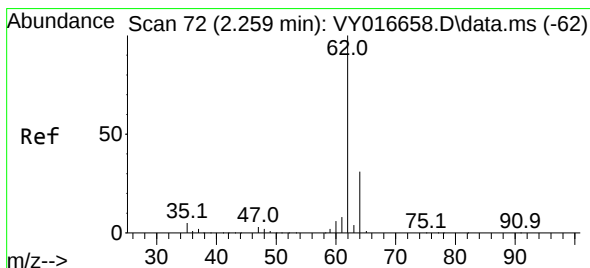
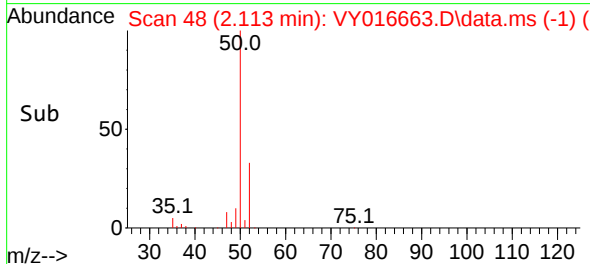
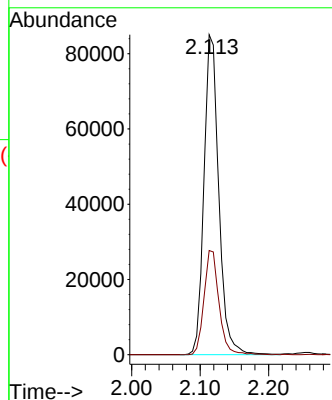
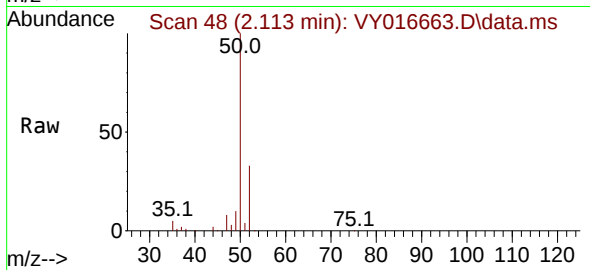
#3
Chloromethane
Concen: 45.972 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

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Tgt Ion: 50 Resp: 12814
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

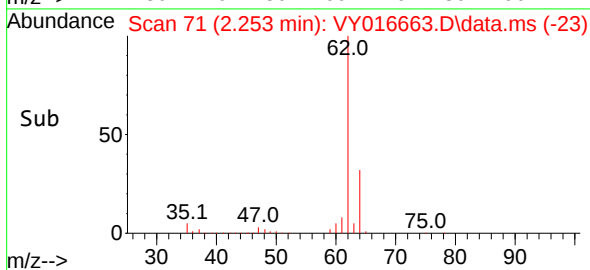
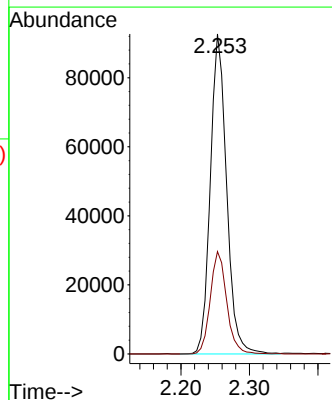
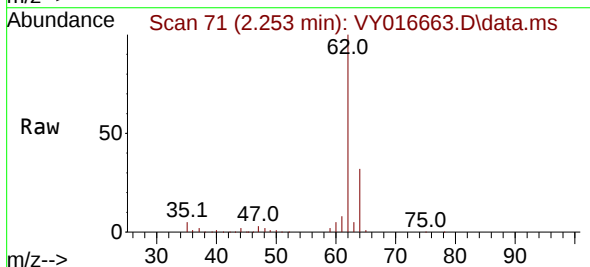
Manual Integrations
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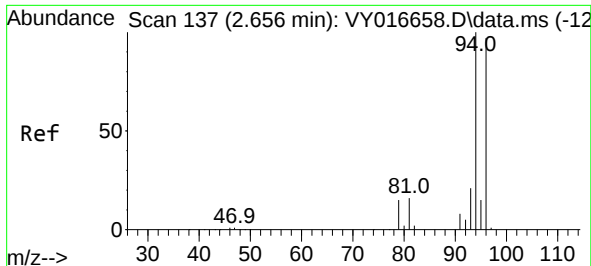
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#4
Vinyl Chloride
Concen: 47.797 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

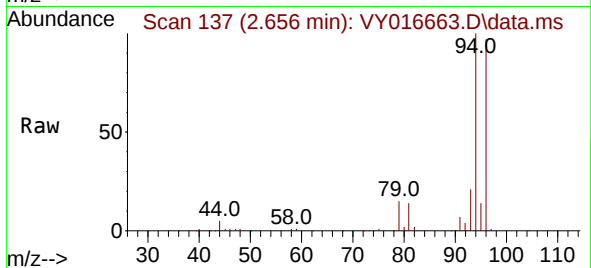
Tgt Ion: 62 Resp: 152944
Ion Ratio Lower Upper
62 100
64 32.0 24.3 36.5





#5
Bromomethane
Concen: 44.554 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

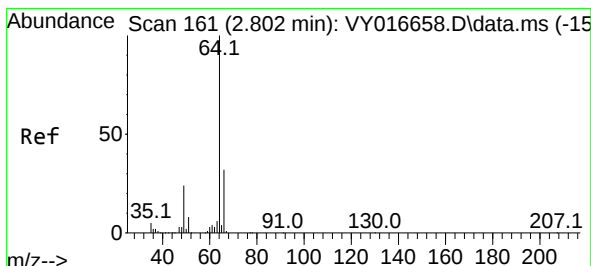
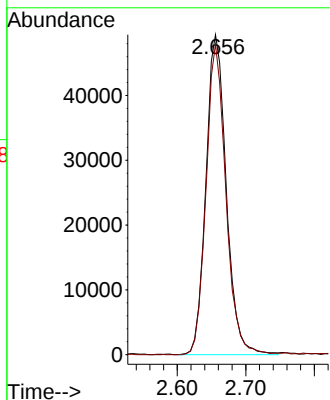
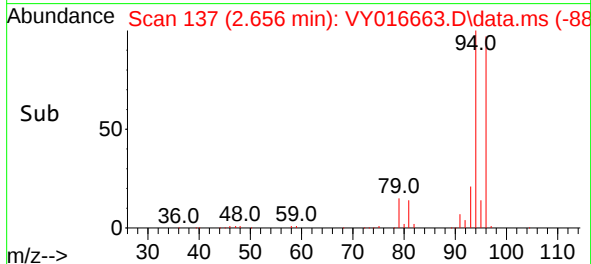
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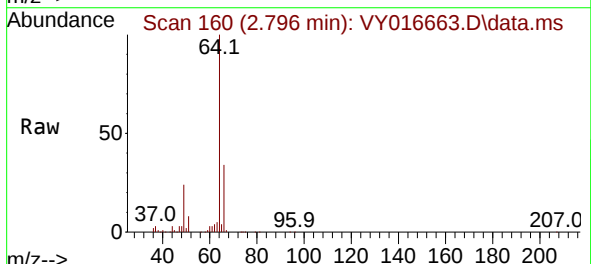
Tgt Ion: 94 Resp: 102040
Ion Ratio Lower Upper
94 100
96 97.1 75.8 113.6

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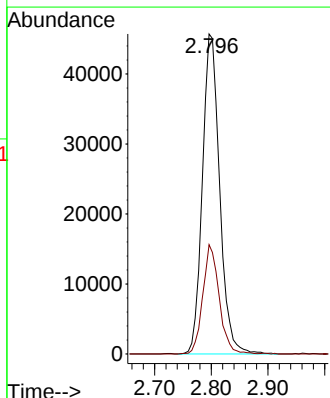
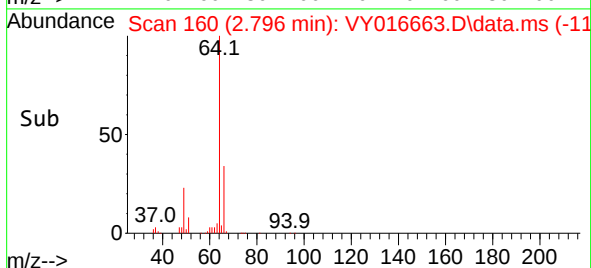
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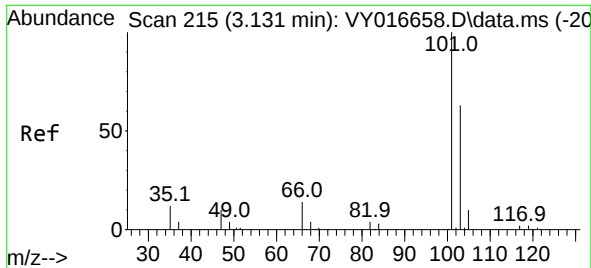


#6
Chloroethane
Concen: 46.477 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



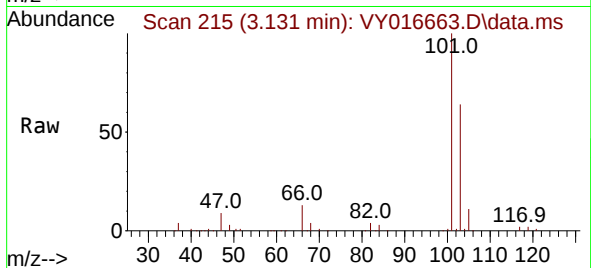
Tgt Ion: 64 Resp: 96731
Ion Ratio Lower Upper
64 100
66 34.1 24.4 36.6





#7
 Trichlorofluoromethane
 Concen: 47.455 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

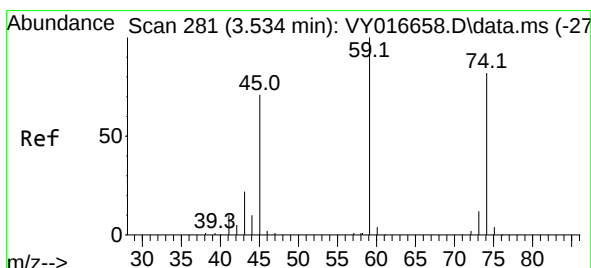
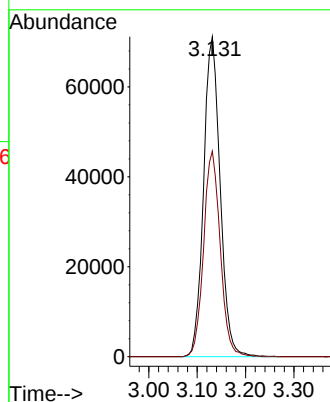
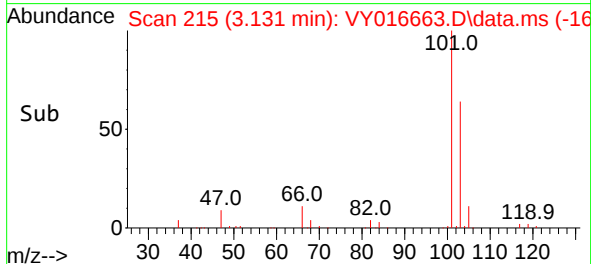
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Tgt Ion:101 Resp: 169600
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

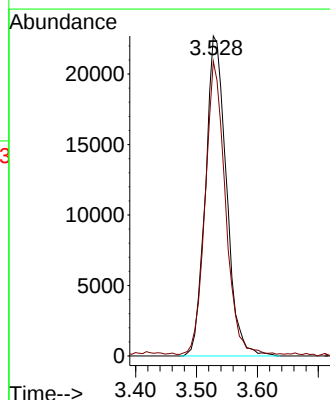
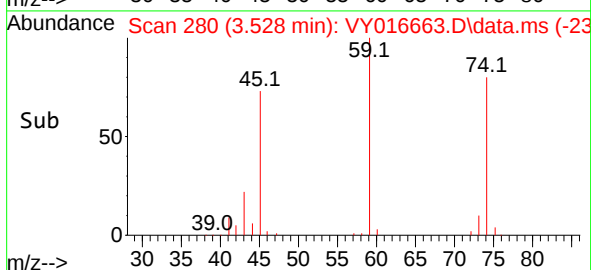
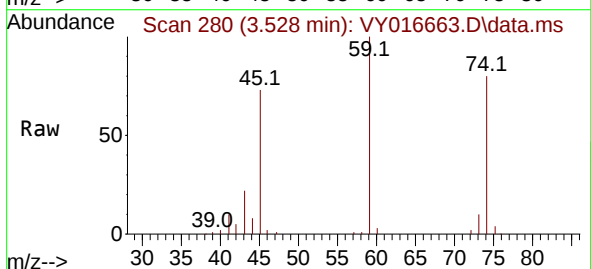
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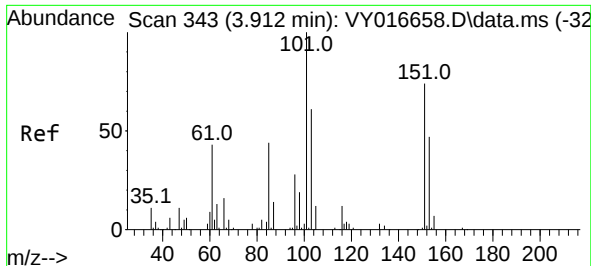
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#8
 Diethyl Ether
 Concen: 48.591 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion: 74 Resp: 54246
 Ion Ratio Lower Upper
 74 100
 45 88.0 51.5 154.5





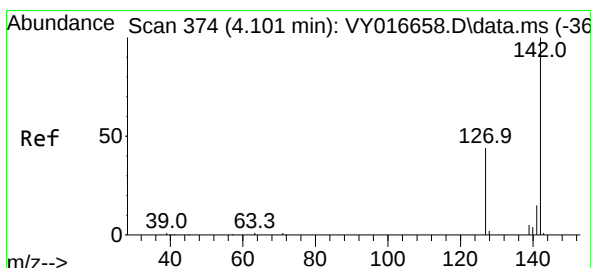
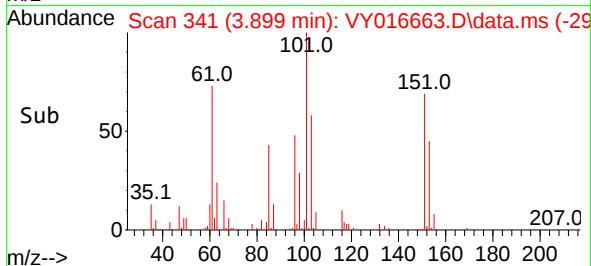
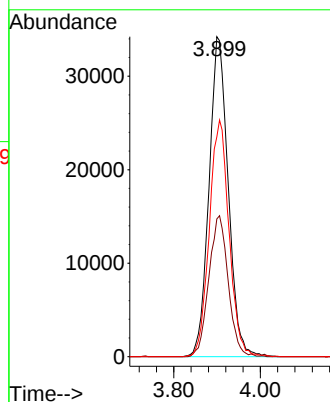
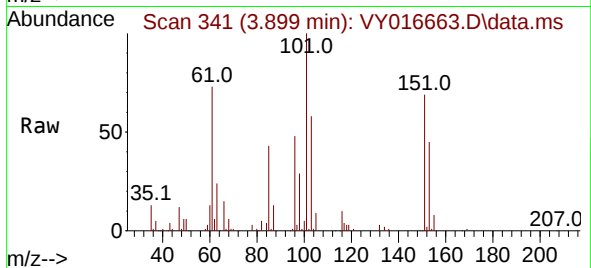
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.681 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10539
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 76.1 67.0 100.6

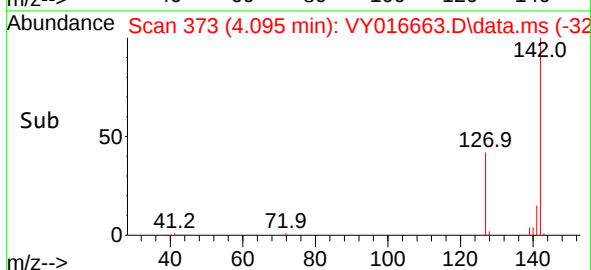
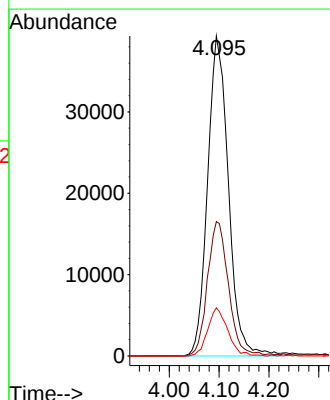
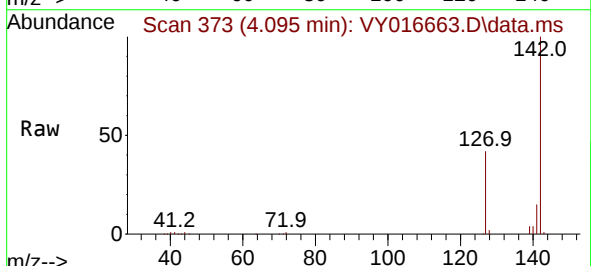
Manual Integrations
APPROVED

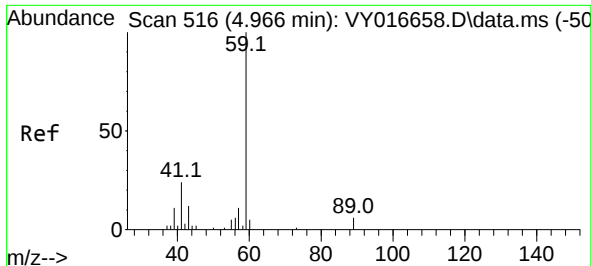
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 49.610 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

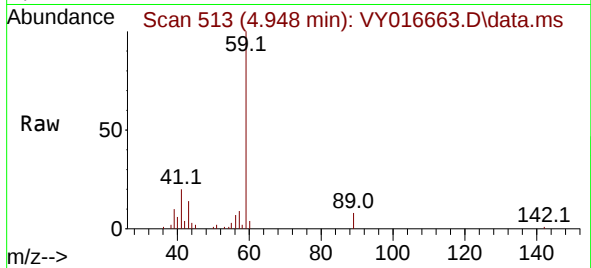
Tgt Ion:142 Resp: 114125
Ion Ratio Lower Upper
142 100
127 42.3 37.6 56.4
141 14.4 11.8 17.8





#11
Tert butyl alcohol
Concen: 203.691 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

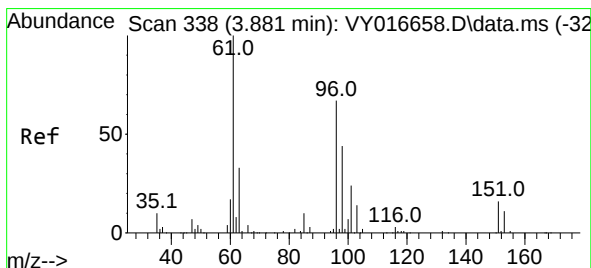
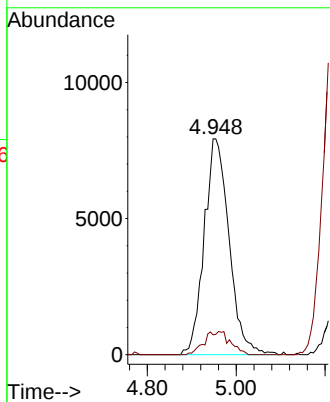
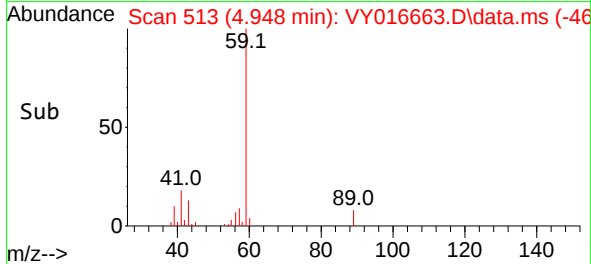
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 30852
Ion Ratio Lower Upper
59 100
57 4.7 3.0 4.4

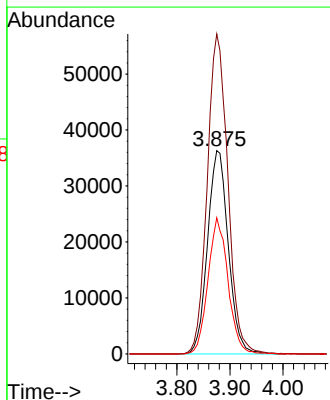
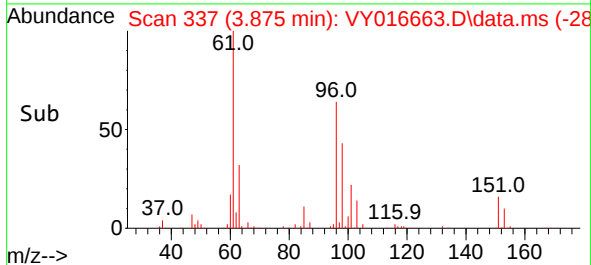
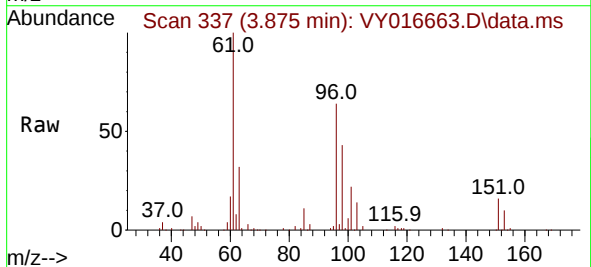
Manual Integrations
APPROVED

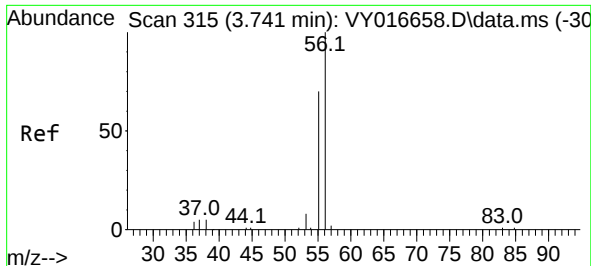
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#12
1,1-Dichloroethene
Concen: 47.390 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

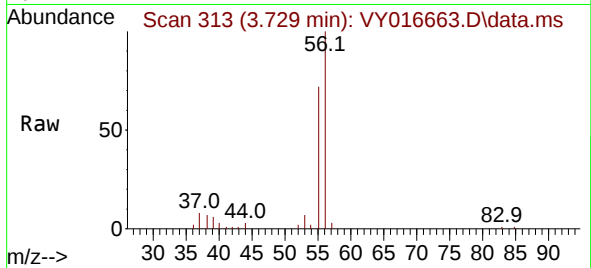
Tgt Ion: 96 Resp: 98748
Ion Ratio Lower Upper
96 100
61 157.3 136.4 204.6
98 66.9 49.4 74.2





#13
Acrolein
Concen: 216.329 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

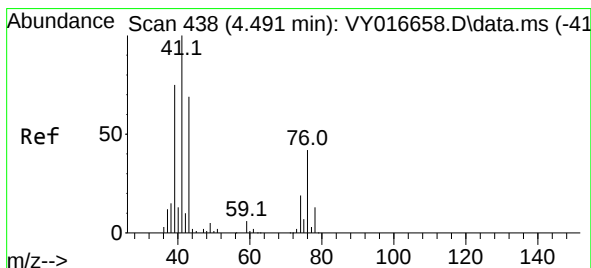
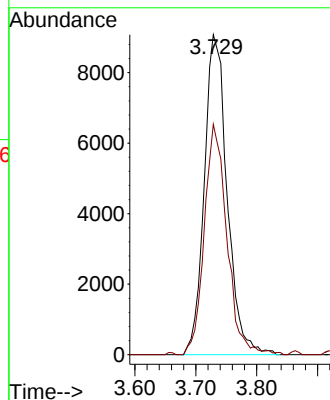
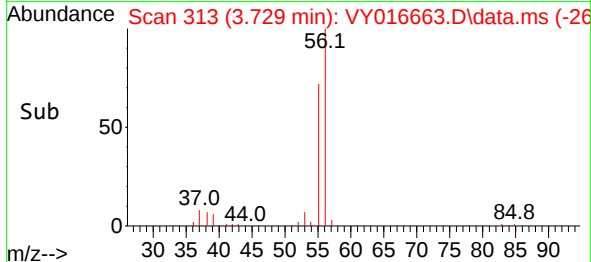
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 23749
Ion Ratio Lower Upper
56 100
55 71.1 57.0 85.4

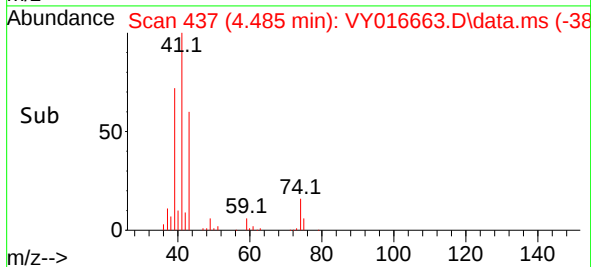
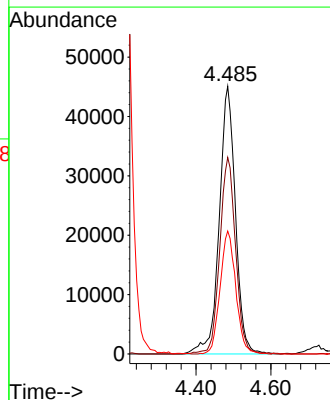
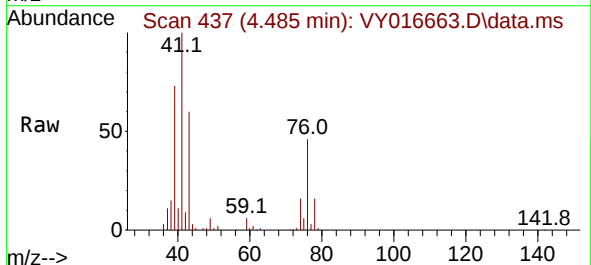
Manual Integrations
APPROVED

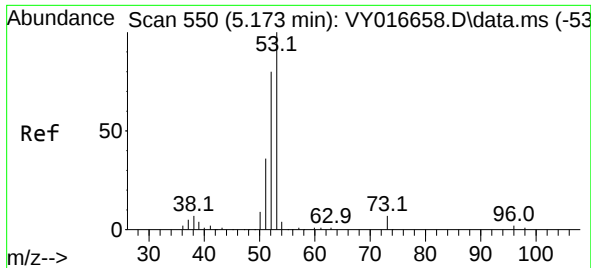
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 47.996 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

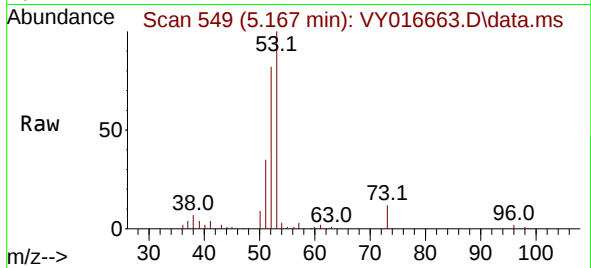
Tgt Ion: 41 Resp: 135596
Ion Ratio Lower Upper
41 100
39 72.1 58.0 87.0
76 44.5 27.4 41.2#





#15
Acrylonitrile
Concen: 236.365 ug/l
RT: 5.167 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

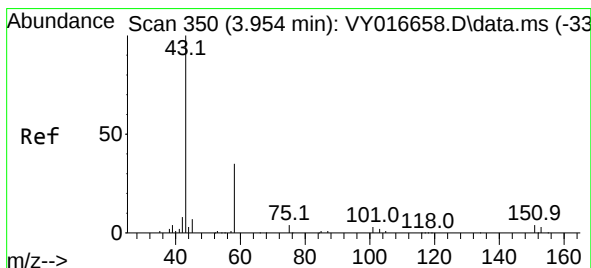
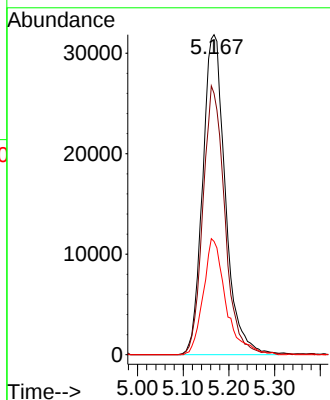
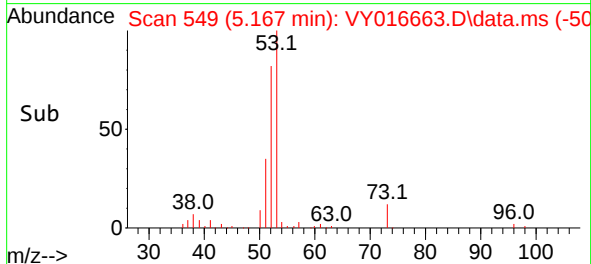
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 109810
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 36.2 29.8 44.6

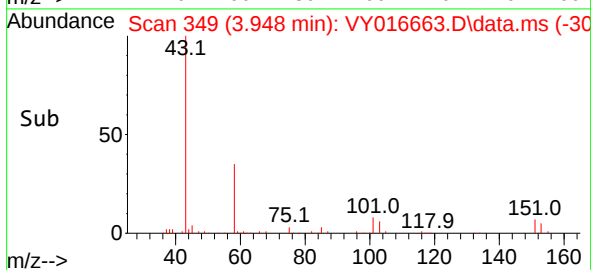
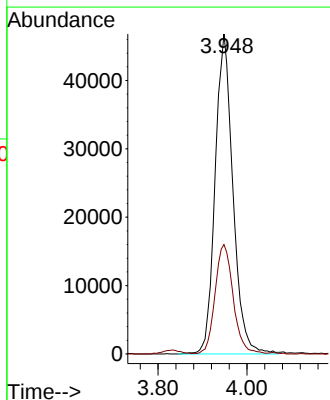
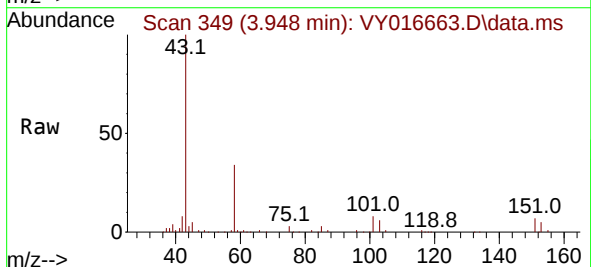
Manual Integrations
APPROVED

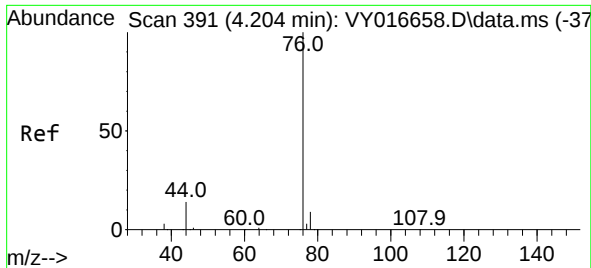
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 298.009 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 43 Resp: 129693
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1





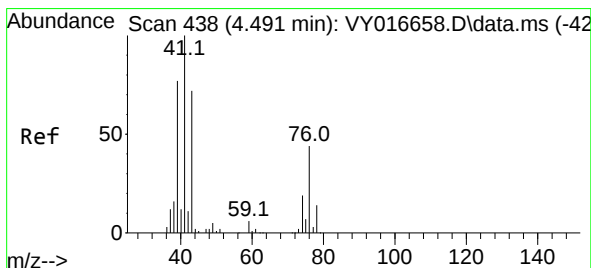
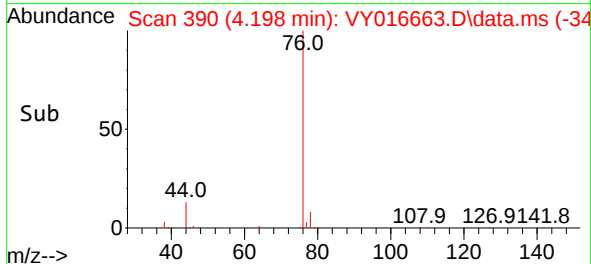
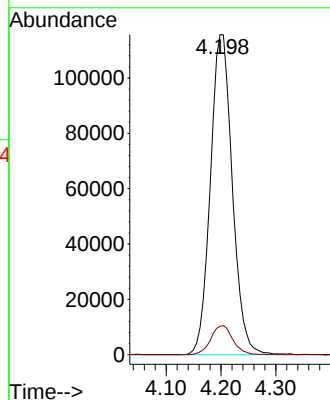
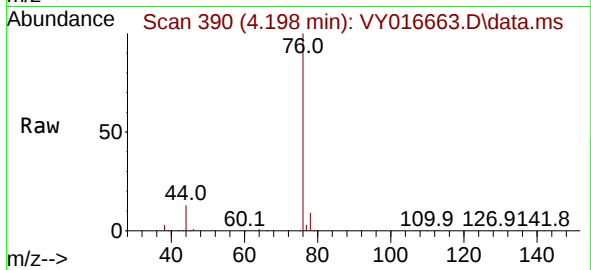
#17
Carbon Disulfide
Concen: 48.783 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 321502
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4

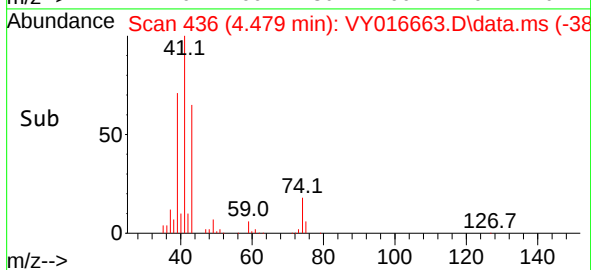
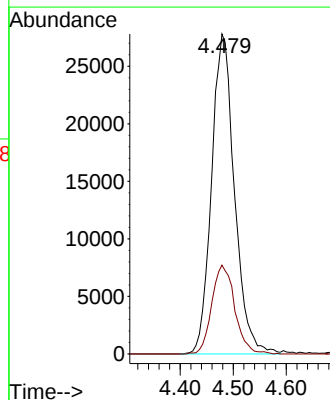
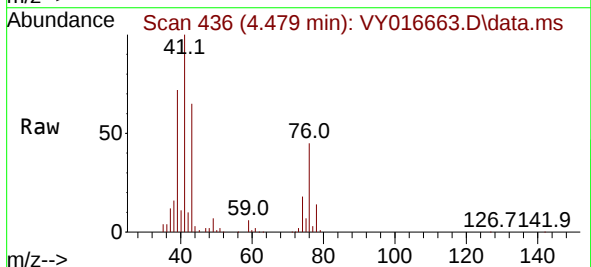
Manual Integrations
APPROVED

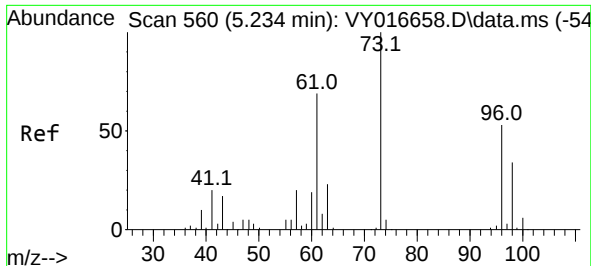
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#18
Methyl Acetate
Concen: 47.648 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

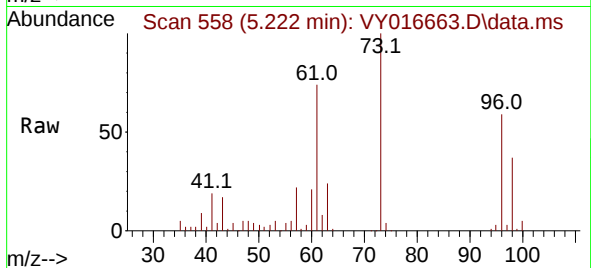
Tgt Ion: 43 Resp: 83521
Ion Ratio Lower Upper
43 100
74 27.8 17.4 26.0#





#19
Methyl tert-butyl Ether
Concen: 48.766 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

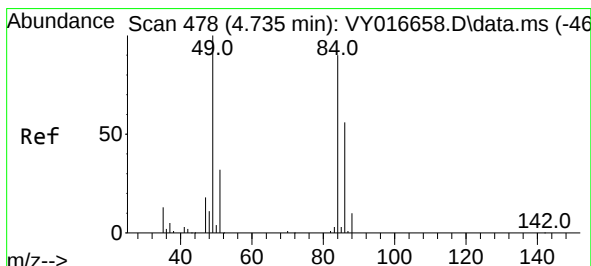
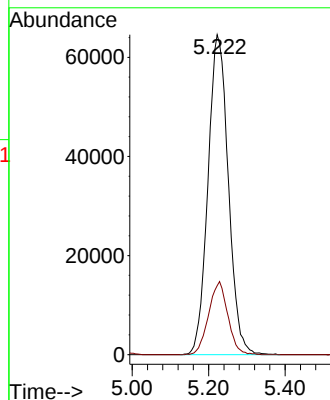
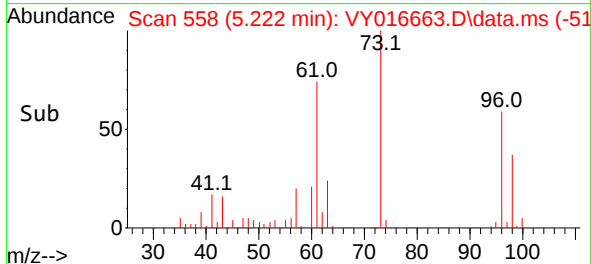
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



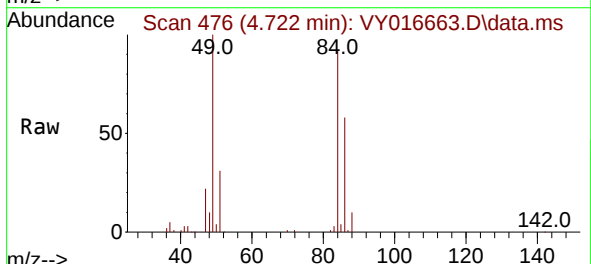
Tgt Ion: 73 Resp: 23825
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9

Manual Integrations
APPROVED

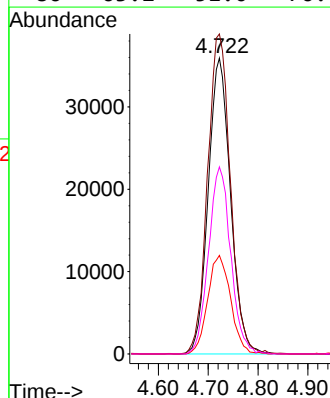
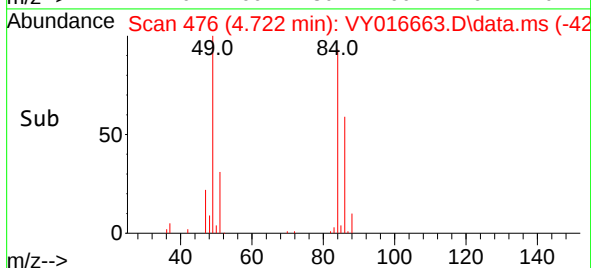
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

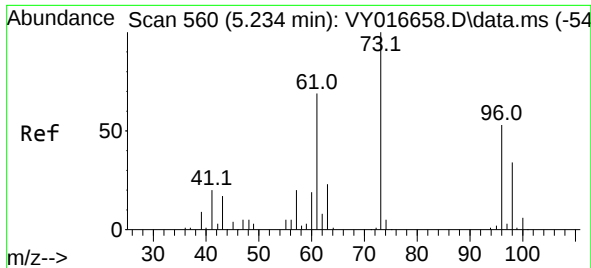


#20
Methylene Chloride
Concen: 47.142 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.013 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



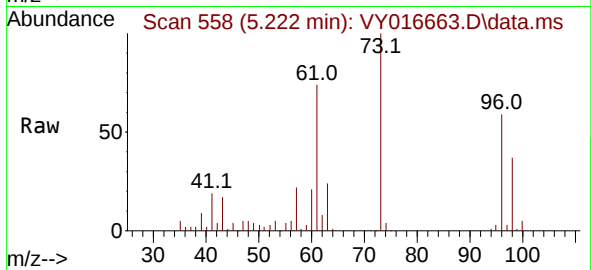
Tgt Ion: 84 Resp: 111588
Ion Ratio Lower Upper
84 100
49 108.2 106.9 160.3
51 33.3 33.2 49.8
86 63.2 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 47.984 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

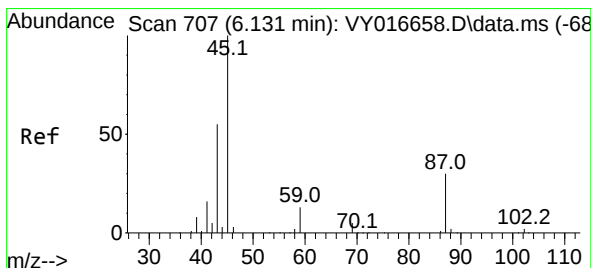
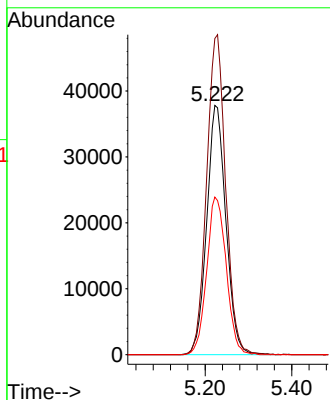
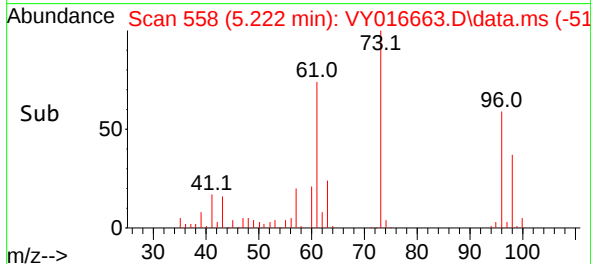
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



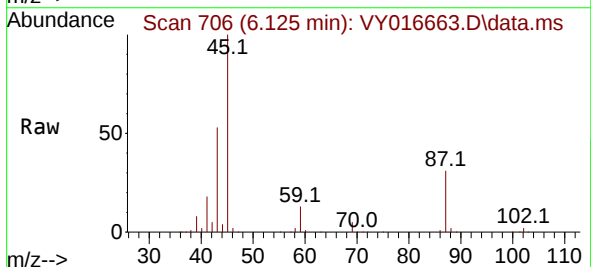
Tgt Ion: 96 Resp: 116489
Ion Ratio Lower Upper
96 100
61 126.8 110.2 165.4
98 63.2 51.8 77.6

Manual Integrations
APPROVED

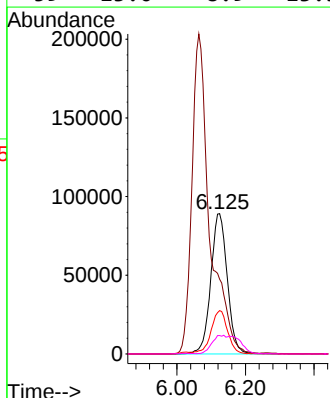
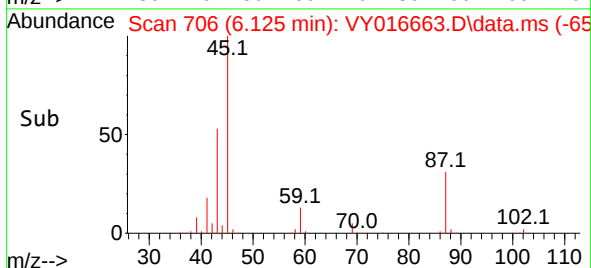
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

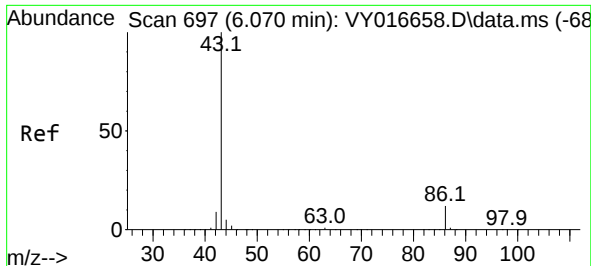


#22
Diisopropyl ether
Concen: 49.253 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion: 45 Resp: 298216
Ion Ratio Lower Upper
45 100
43 53.0 52.2 78.4
87 30.9 21.0 31.6
59 13.0 8.9 13.3





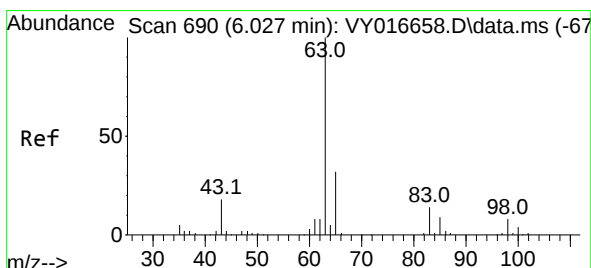
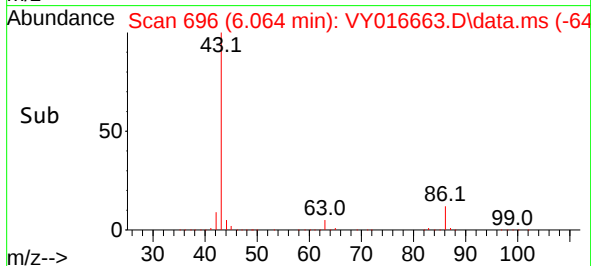
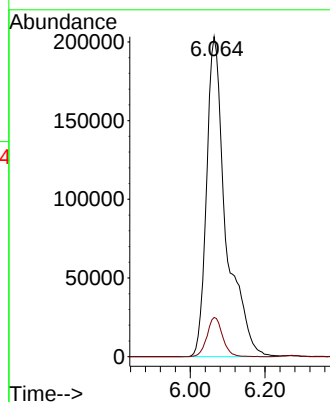
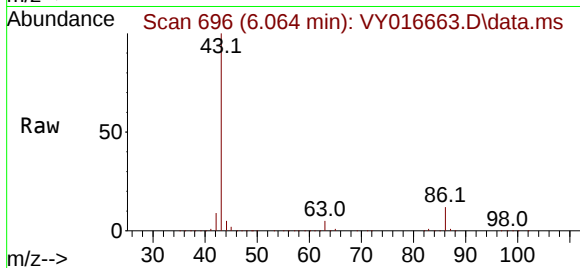
#23
 Vinyl Acetate
 Concen: 245.501 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 73244
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3

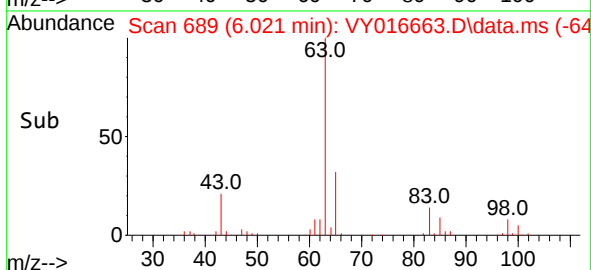
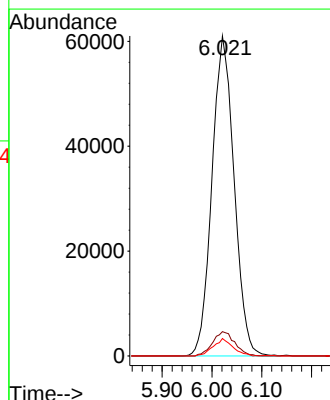
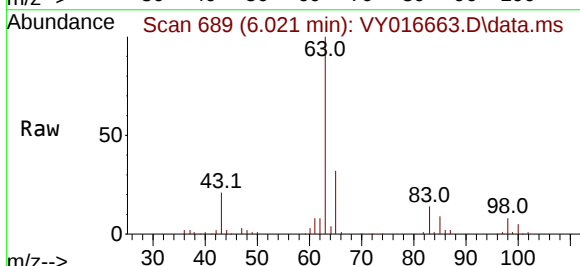
Manual Integrations
 APPROVED

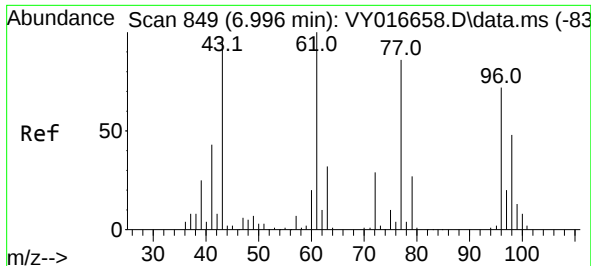
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023



#24
 1,1-Dichloroethane
 Concen: 47.671 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

Tgt Ion: 63 Resp: 188358
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.1 9.4
 100 5.5 1.8 5.5





#25

2-Butanone

Concen: 260.621 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 164028

Ion Ratio Lower Upper

43 100

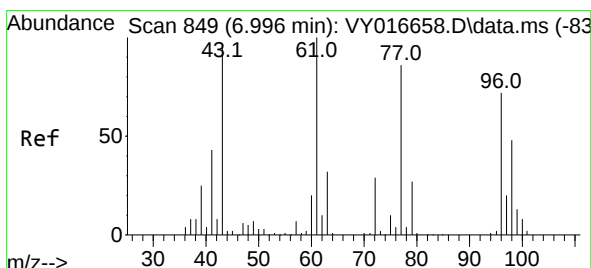
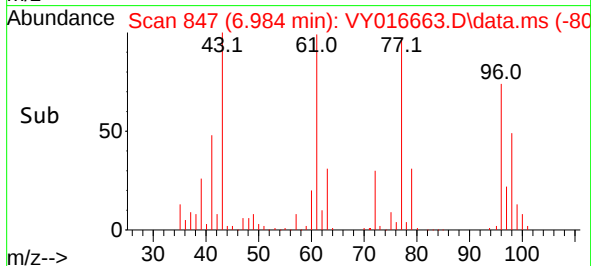
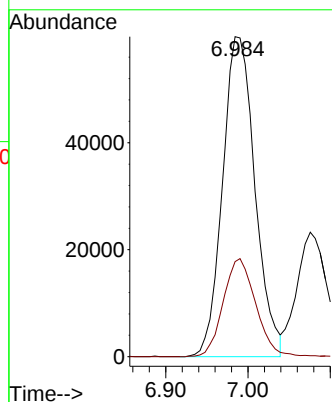
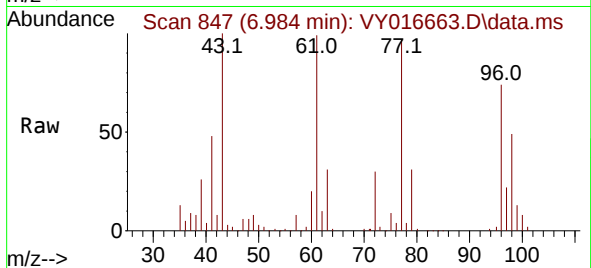
72 29.7 20.5 30.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#26

2,2-Dichloropropane

Concen: 48.047 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY016663.D

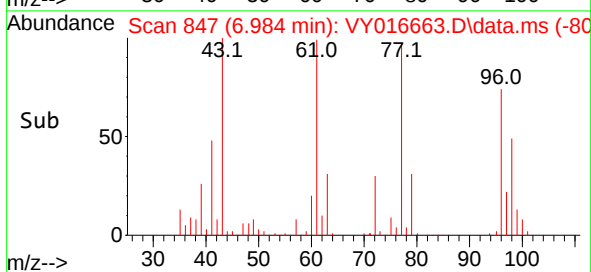
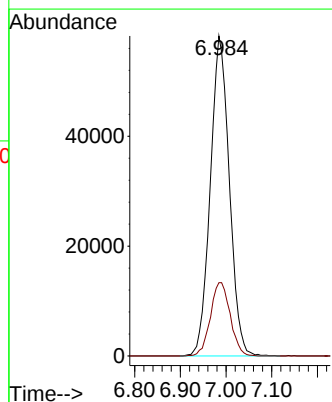
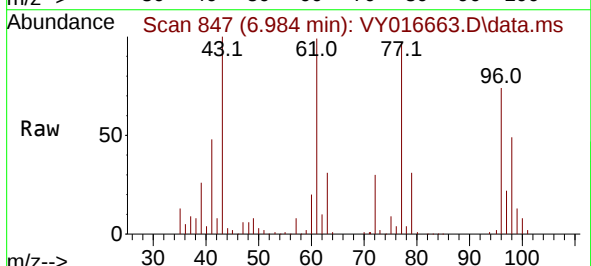
Acq: 16 Dec 2023 10:12

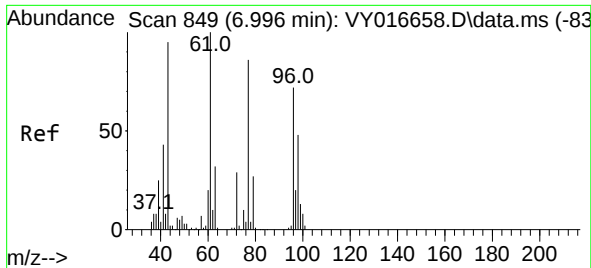
Tgt Ion: 77 Resp: 168549

Ion Ratio Lower Upper

77 100

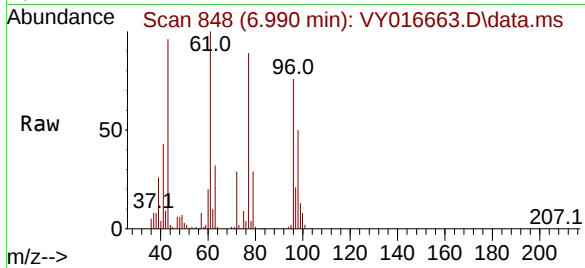
97 23.8 10.9 32.9





#27
cis-1,2-Dichloroethene
Concen: 48.441 ug/l
RT: 6.990 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

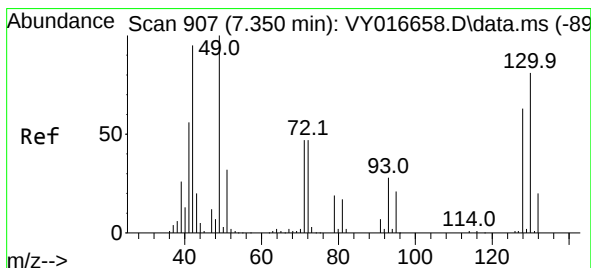
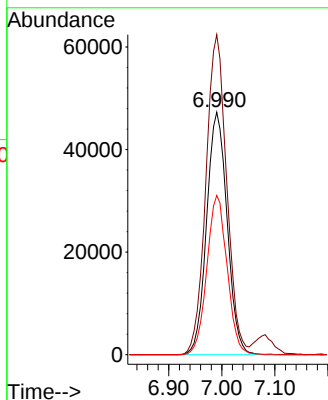
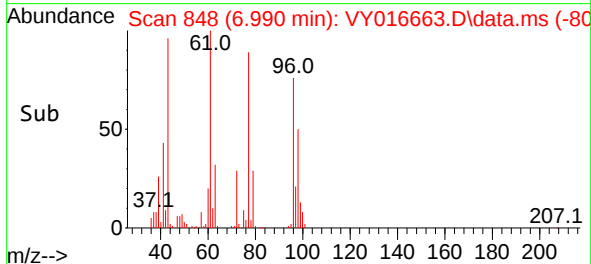
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 126999
Ion Ratio Lower Upper
96 100
61 133.8 0.0 301.4
98 64.8 0.0 130.4

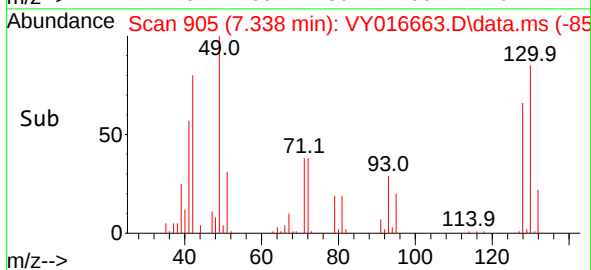
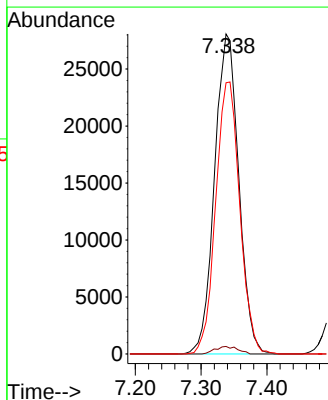
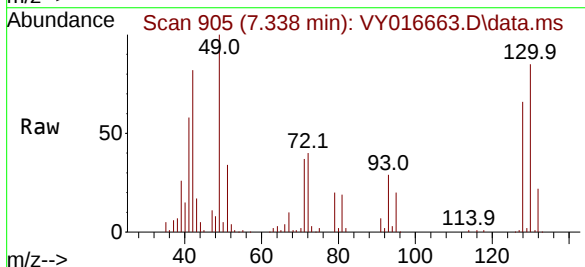
Manual Integrations
APPROVED

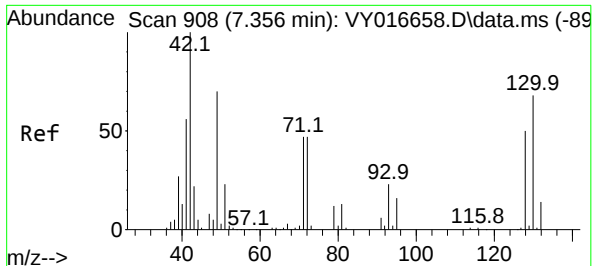
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#28
Bromochloromethane
Concen: 51.354 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 49 Resp: 71915
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 84.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 239.322 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 8732

Ion Ratio Lower Upper

42 100

72 50.7 32.8 49.2

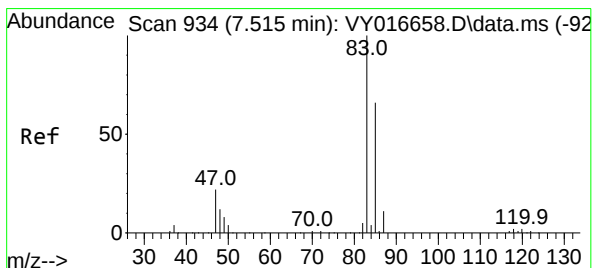
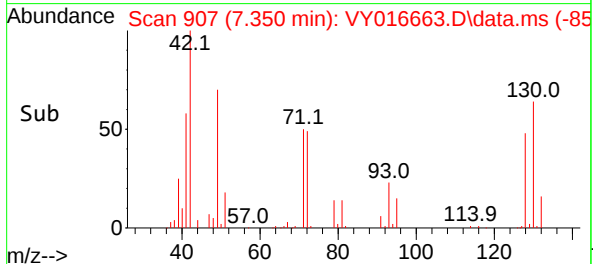
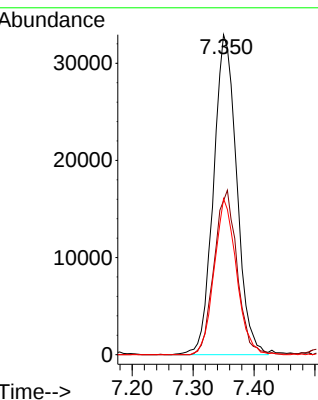
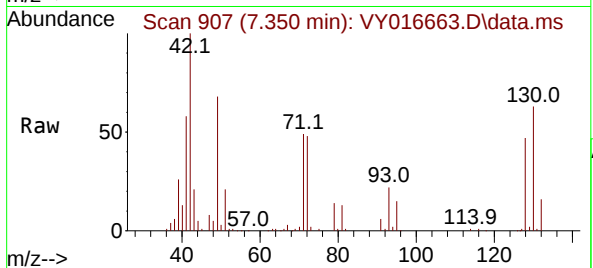
71 46.9 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 47.830 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY016663.D

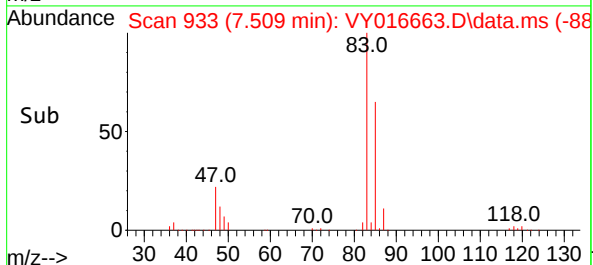
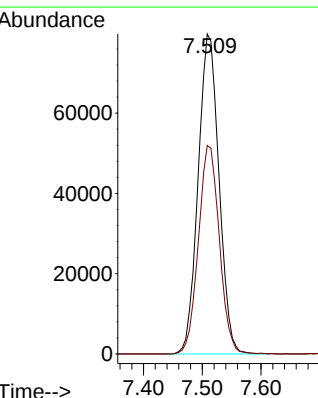
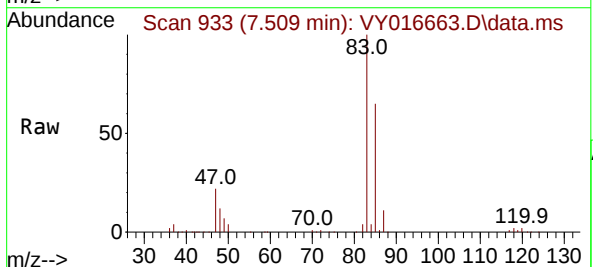
Acq: 16 Dec 2023 10:12

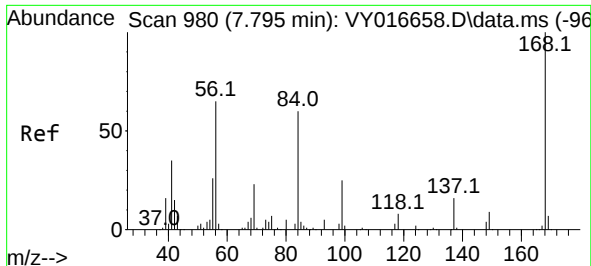
Tgt Ion: 83 Resp: 196544

Ion Ratio Lower Upper

83 100

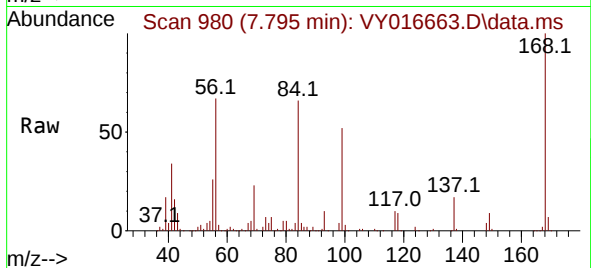
85 65.1 49.7 74.5





#31
Cyclohexane
Concen: 46.288 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

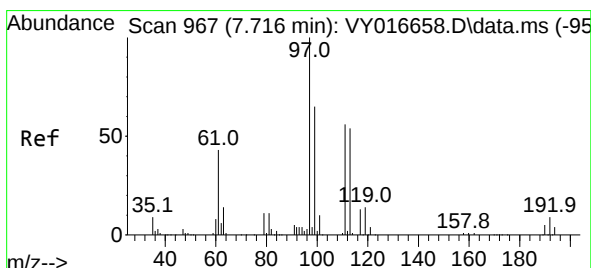
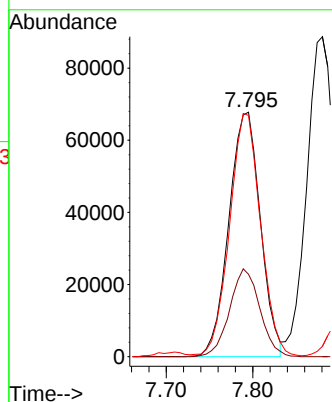
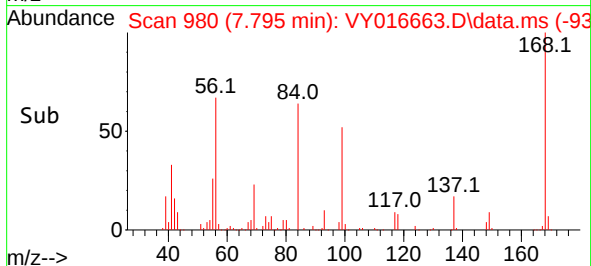
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



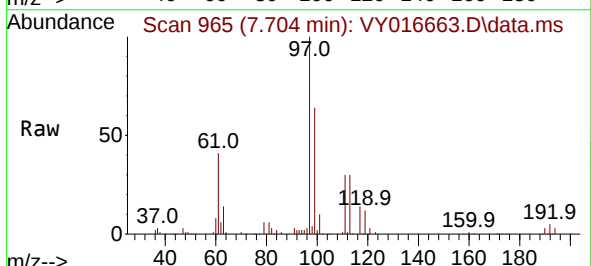
Tgt Ion: 56 Resp: 171529
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.6
84 97.1 66.4 99.6

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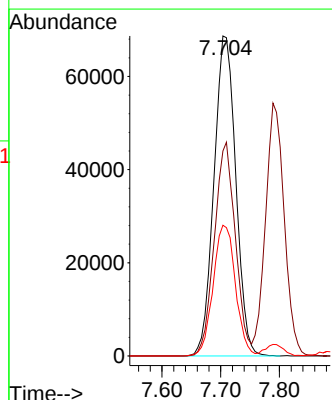
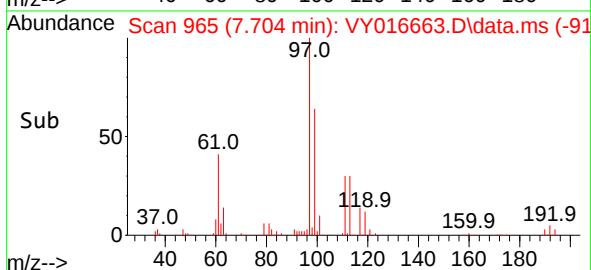
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

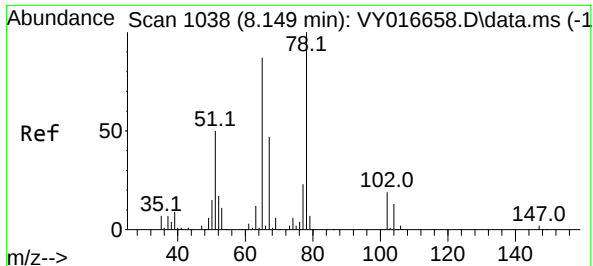


#32
1,1,1-Trichloroethane
Concen: 48.153 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.012 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion: 97 Resp: 177514
Ion Ratio Lower Upper
97 100
99 64.4 50.8 76.2
61 41.7 35.1 52.7





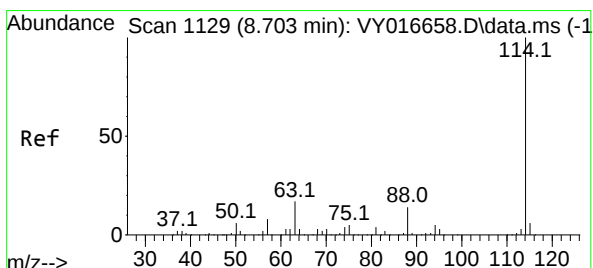
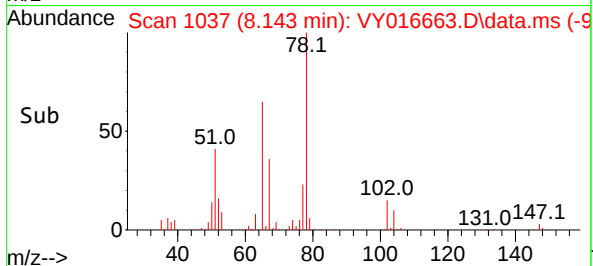
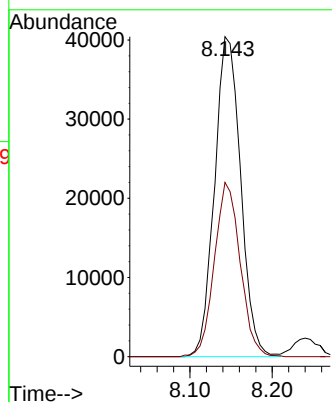
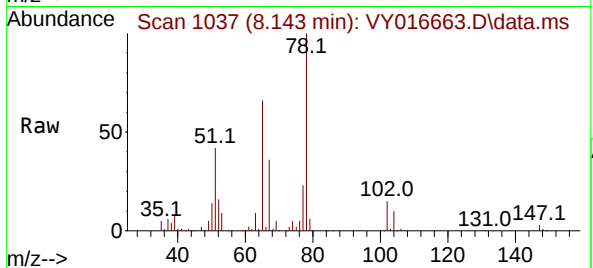
#33
1,2-Dichloroethane-d4
Concen: 47.600 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 8926
Ion Ratio Lower Upper
65 100
67 53.8 0.0 101.8

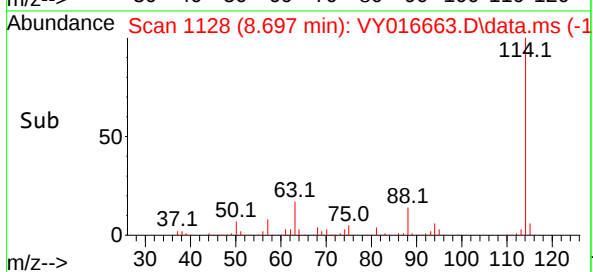
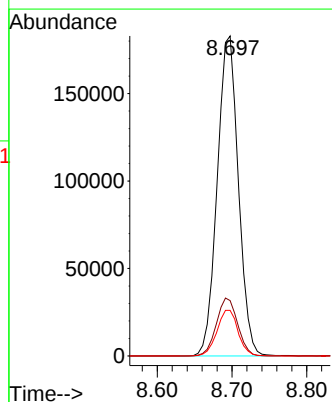
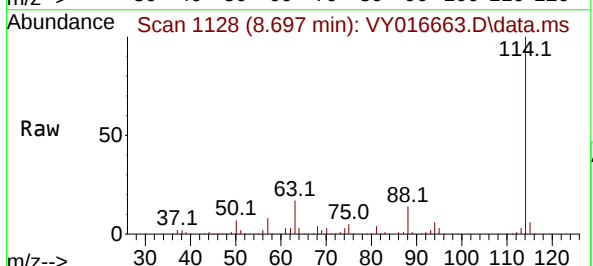
Manual Integrations
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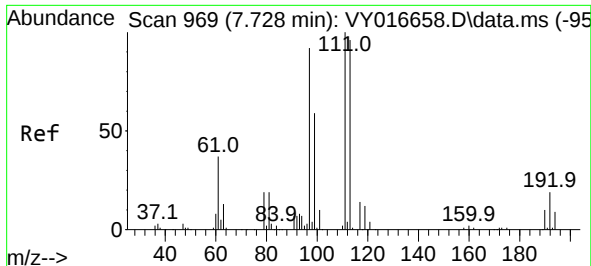
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

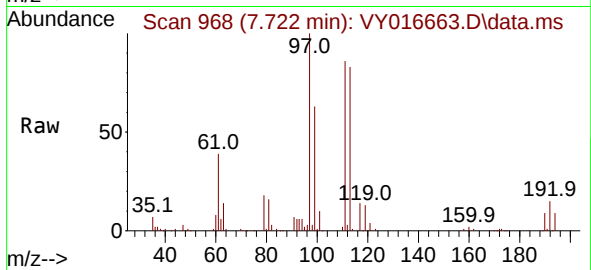
Tgt Ion:114 Resp: 359936
Ion Ratio Lower Upper
114 100
63 17.3 0.0 42.4
88 14.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 49.434 ug/l
RT: 7.722 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

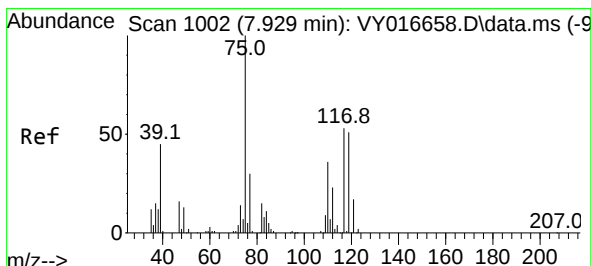
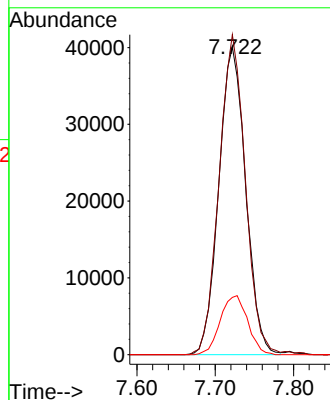
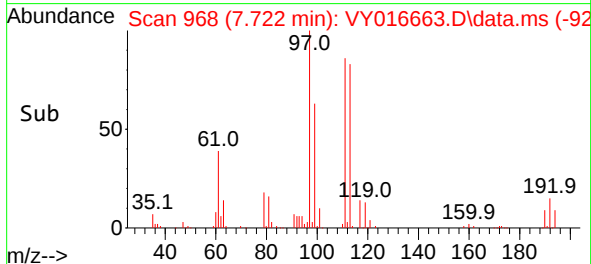
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



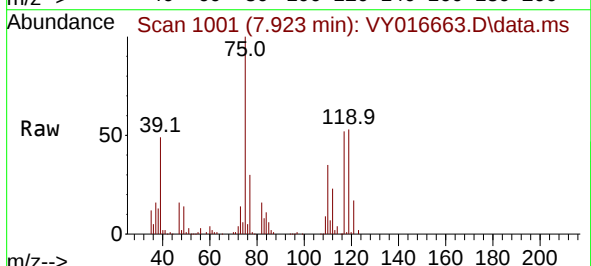
Tgt Ion:113 Resp: 9544
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.6 16.9 25.3

Manual Integrations
APPROVED

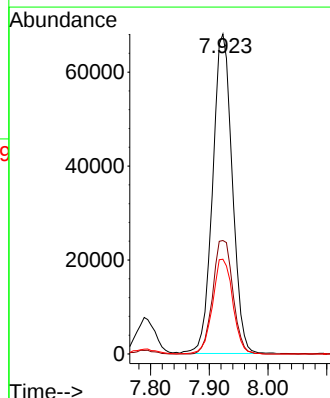
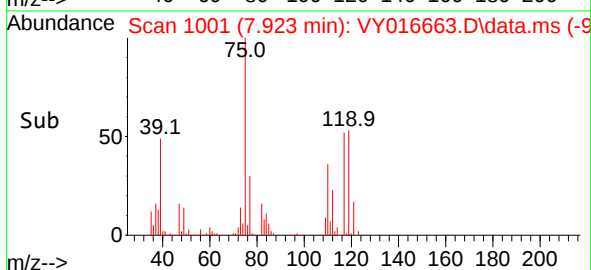
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

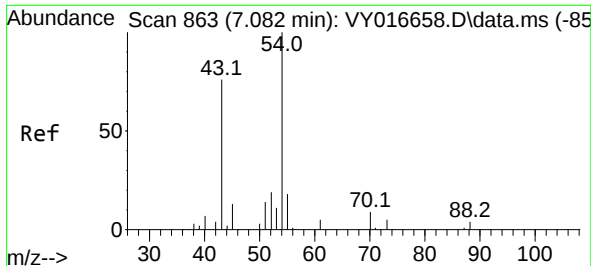


#36
1,1-Dichloropropene
Concen: 49.292 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion: 75 Resp: 157623
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 30.6 24.4 36.6





#37

Ethyl Acetate

Concen: 47.365 ug/l

RT: 7.076 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 6241

Ion Ratio Lower Upper

43 100

61 15.1 10.1 15.1

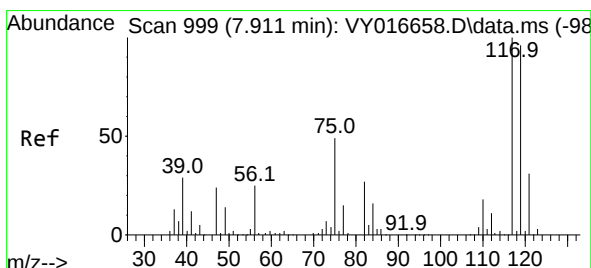
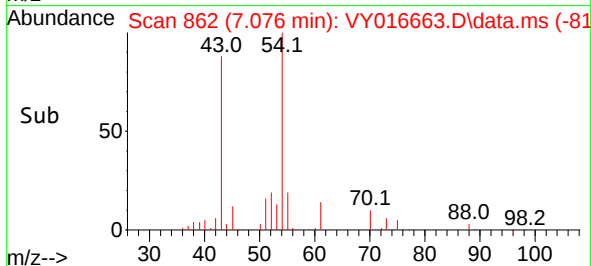
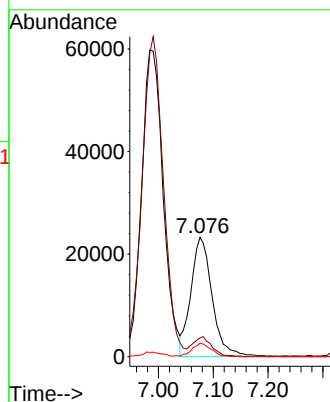
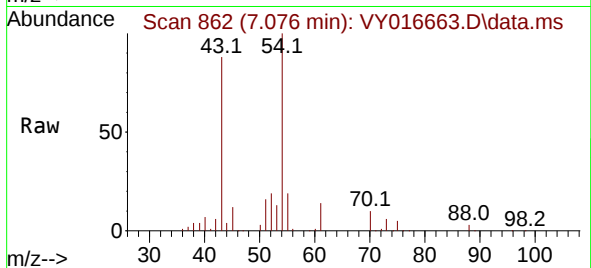
70 10.4 7.1 10.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#38

Carbon Tetrachloride

Concen: 48.999 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

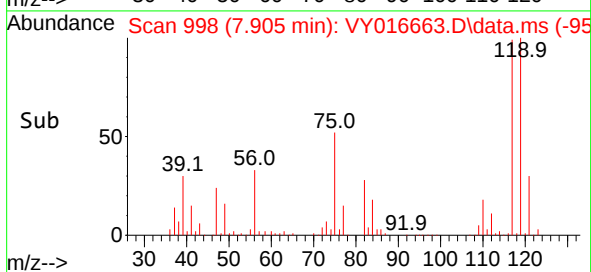
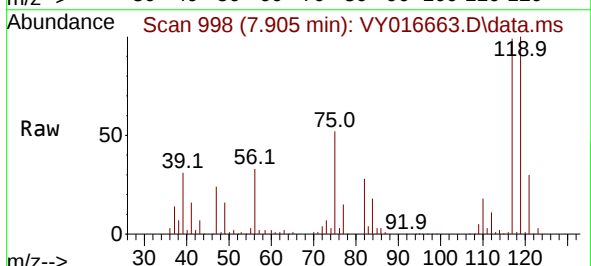
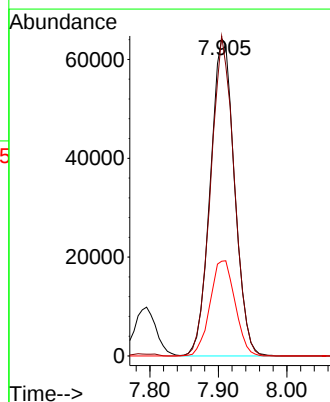
Tgt Ion:117 Resp: 157387

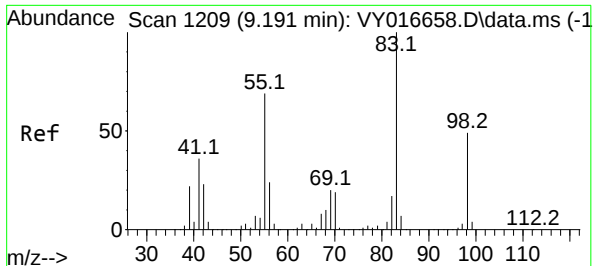
Ion Ratio Lower Upper

117 100

119 100.9 76.4 114.6

121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 49.794 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 200120

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

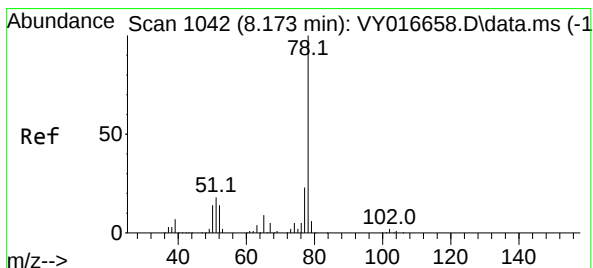
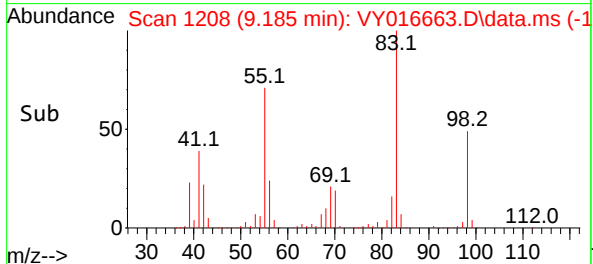
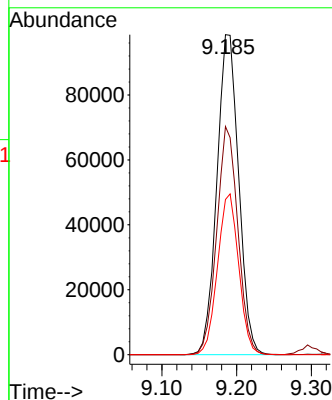
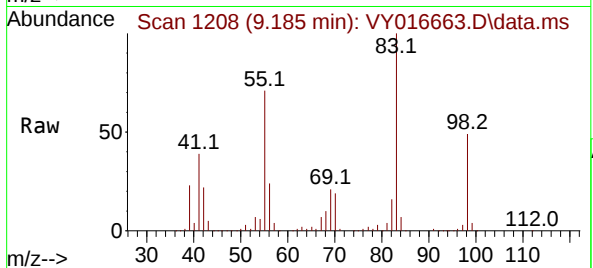
98 48.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#40

Benzene

Concen: 48.314 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.012 min

Lab File: VY016663.D

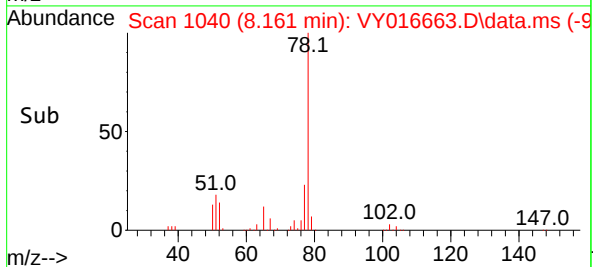
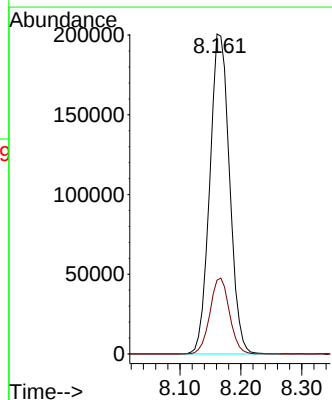
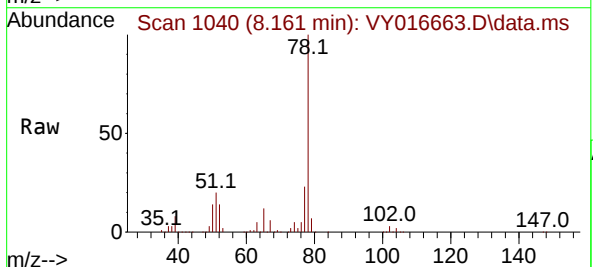
Acq: 16 Dec 2023 10:12

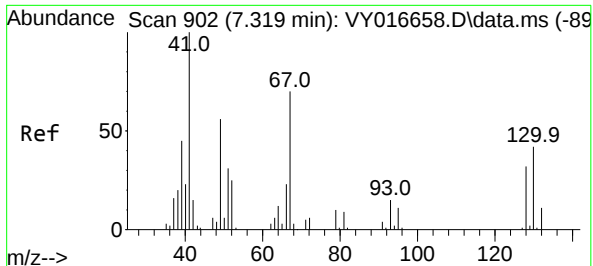
Tgt Ion: 78 Resp: 452806

Ion Ratio Lower Upper

78 100

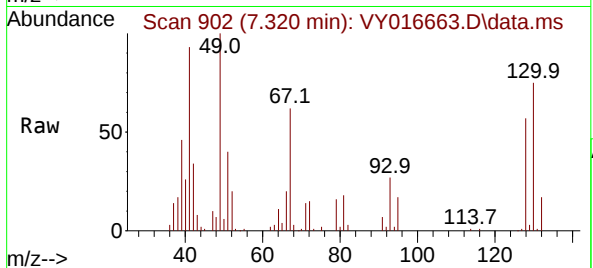
77 23.1 19.0 28.6





#41
Methacrylonitrile
Concen: 48.965 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

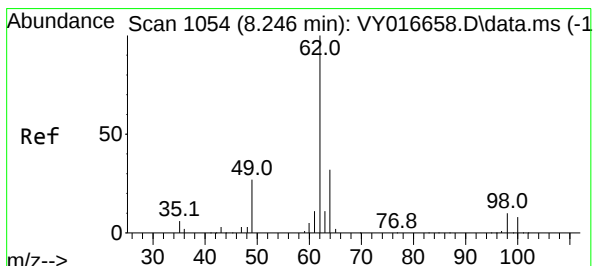
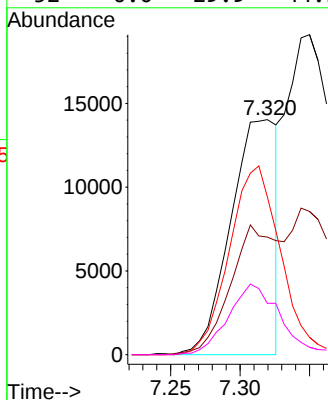
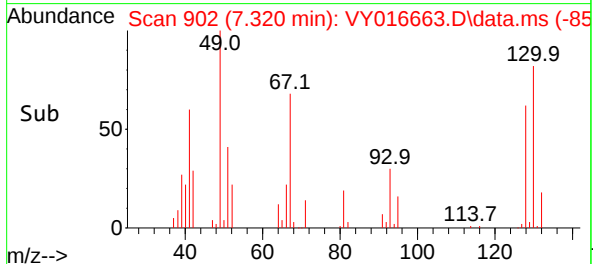
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



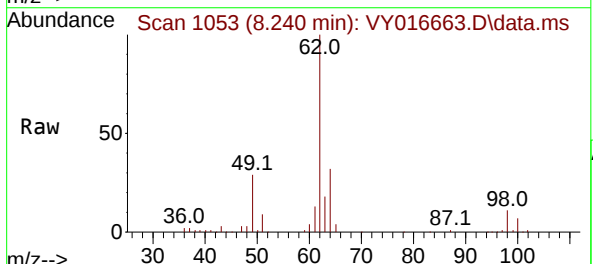
Tgt Ion: 41 Resp: 3250
Ion Ratio Lower Upper
41 100
39 61.5 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

Manual Integrations
APPROVED

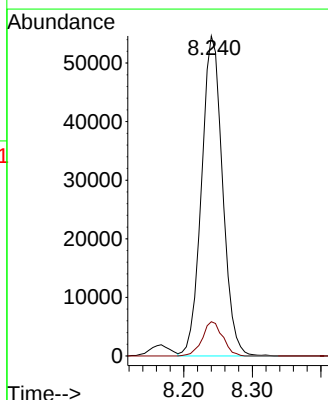
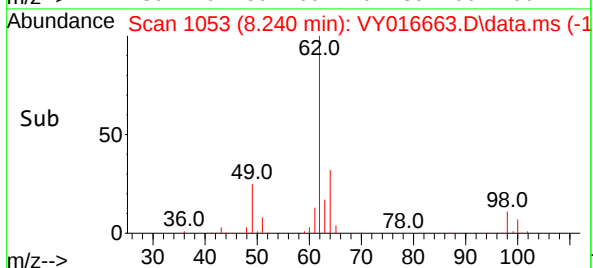
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

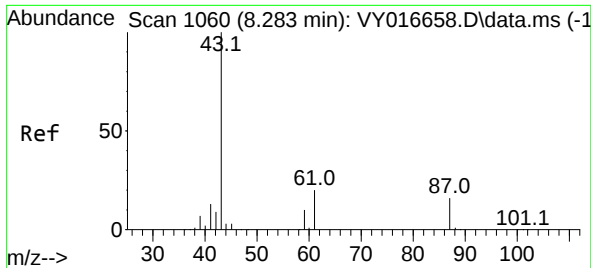


#42
1,2-Dichloroethane
Concen: 48.678 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



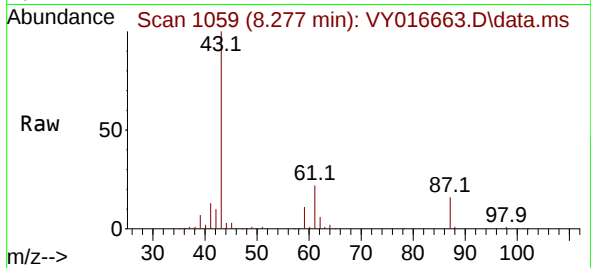
Tgt Ion: 62 Resp: 116603
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8





#43
Isopropyl Acetate
Concen: 48.223 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

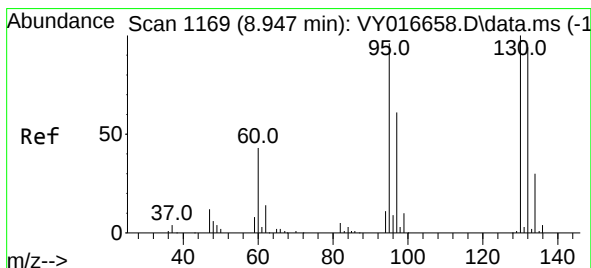
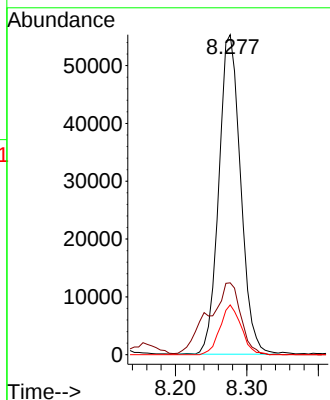
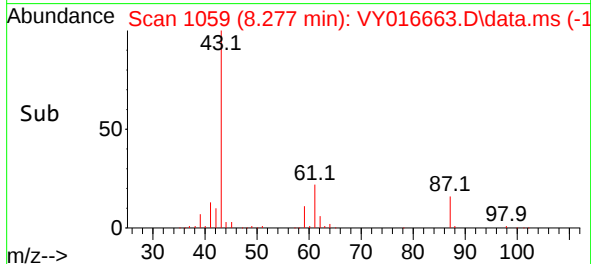
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



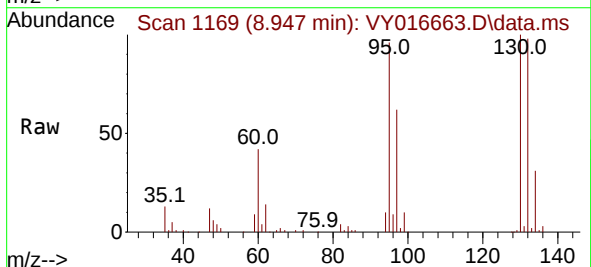
Tgt Ion: 43 Resp: 11679
Ion Ratio Lower Upper
43 100
61 33.5 21.1 31.7
87 15.2 9.8 14.8

Manual Integrations
APPROVED

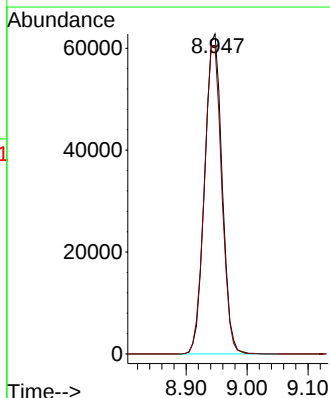
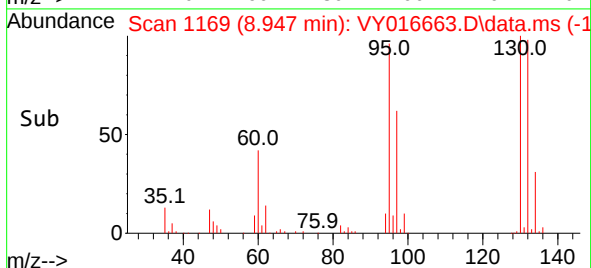
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

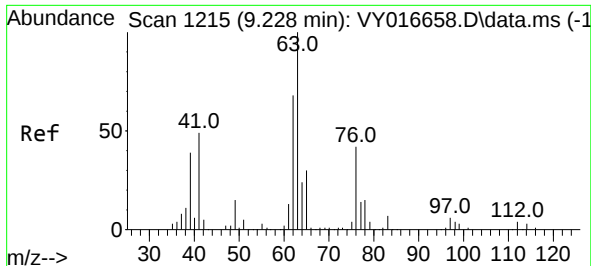


#44
Trichloroethene
Concen: 47.619 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



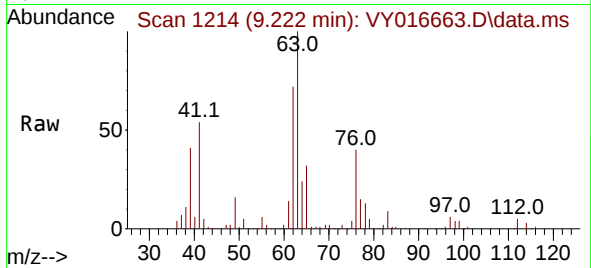
Tgt Ion:130 Resp: 124294
Ion Ratio Lower Upper
130 100
95 96.5 0.0 196.0





#45
1,2-Dichloropropane
Concen: 49.293 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

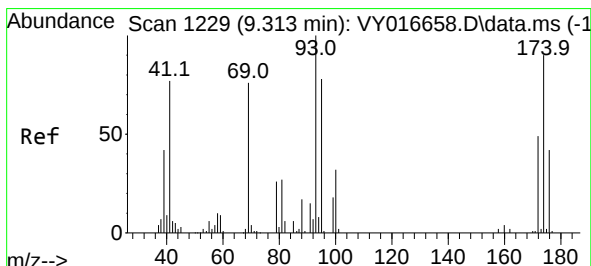
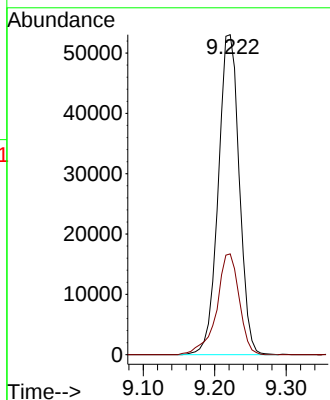
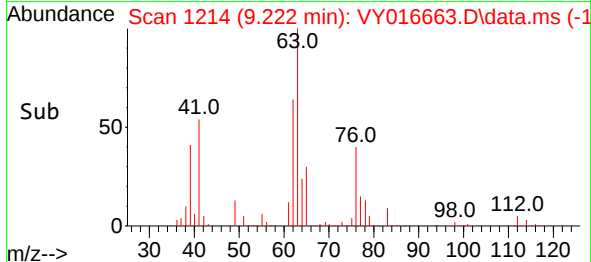
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 63 Resp: 10792
Ion Ratio Lower Upper
63 100
65 31.5 23.8 35.6

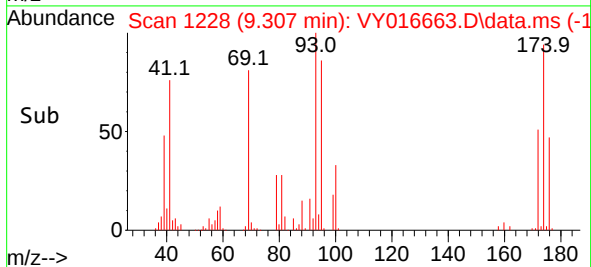
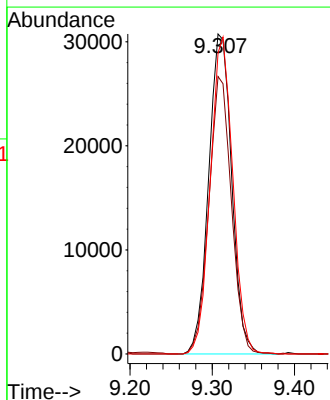
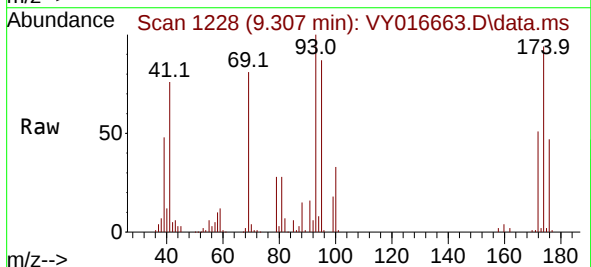
Manual Integrations
APPROVED

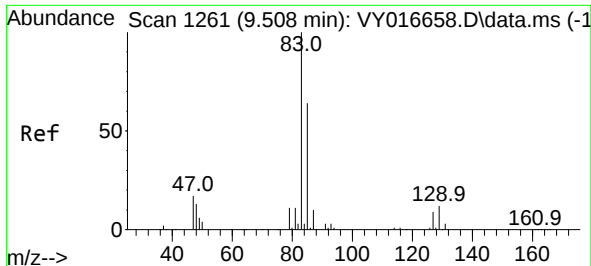
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#46
Dibromomethane
Concen: 49.483 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 93 Resp: 59917
Ion Ratio Lower Upper
93 100
95 84.7 66.6 100.0
174 96.6 84.8 127.2





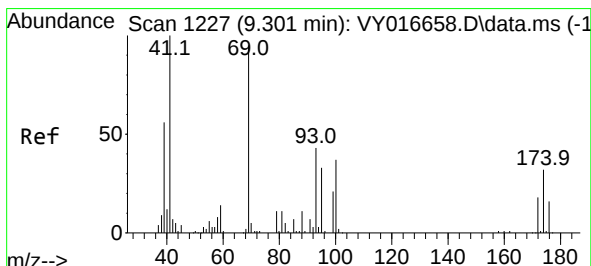
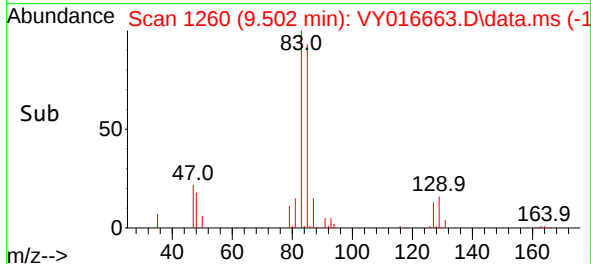
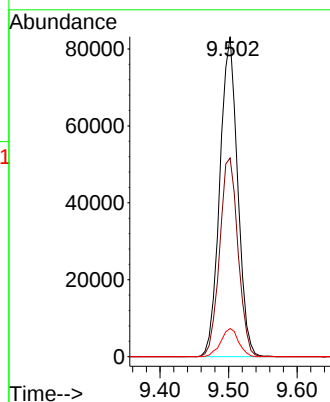
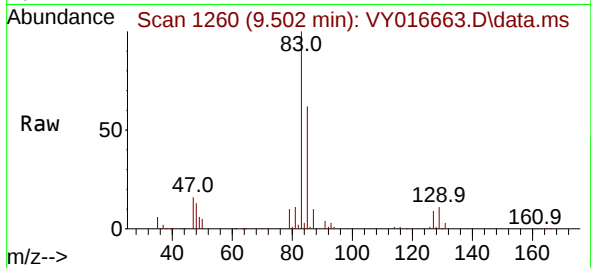
#47
Bromodichloromethane
Concen: 48.923 ug/l
RT: 9.502 min Scan# 1261
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 14967
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 8.8 7.1 10.7

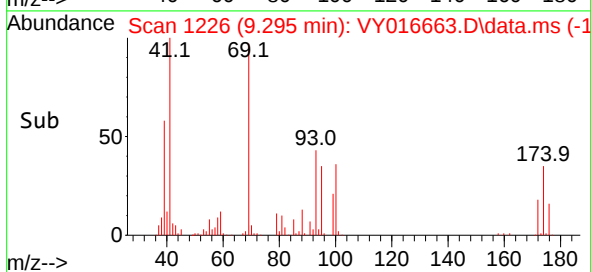
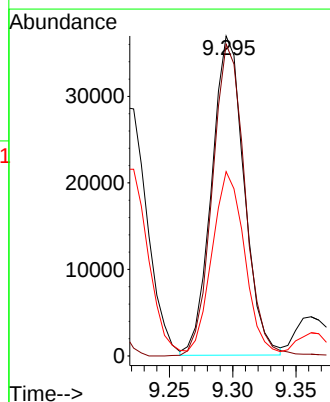
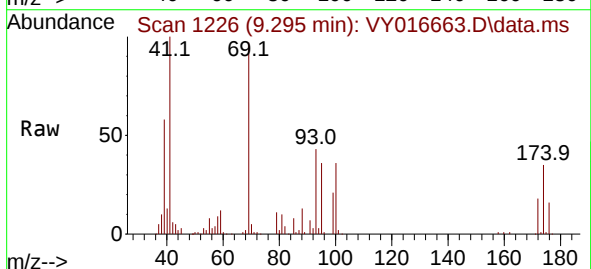
Manual Integrations
APPROVED

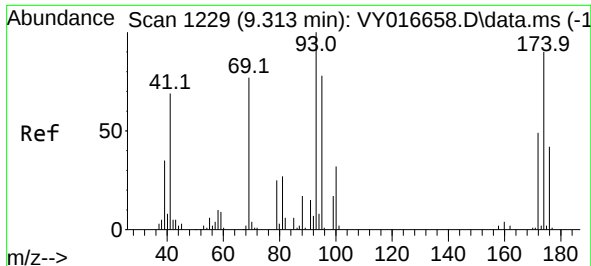
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#48
Methyl methacrylate
Concen: 49.170 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

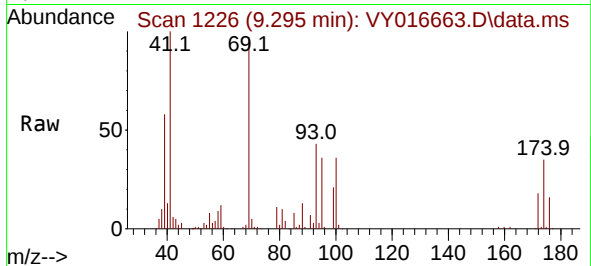
Tgt Ion: 41 Resp: 65942
Ion Ratio Lower Upper
41 100
69 97.8 64.5 96.7#
39 55.4 50.8 76.2





#49
1,4-Dioxane
Concen: 971.724 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.018 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

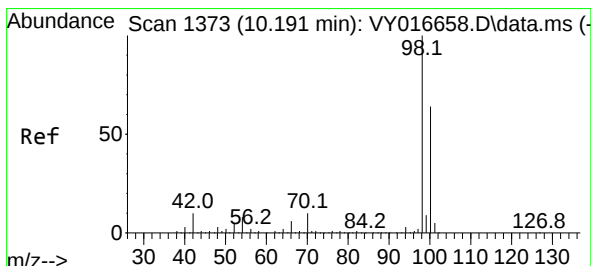
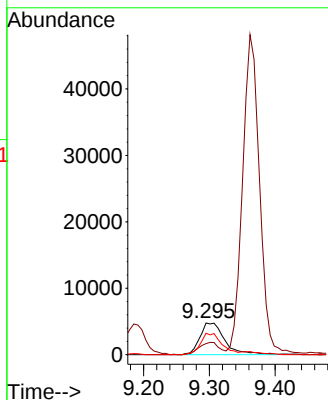
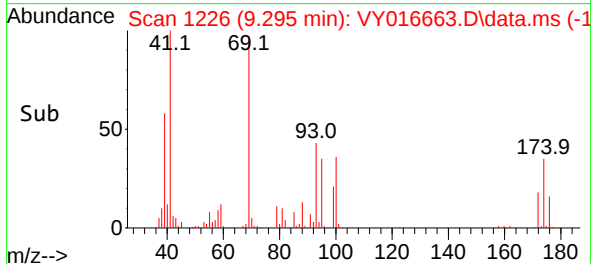
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 88 Resp: 12604
Ion Ratio Lower Upper
88 100
43 31.9 0.0 0.0
58 60.1 30.9 46.3

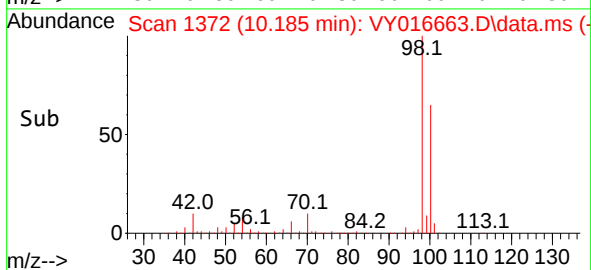
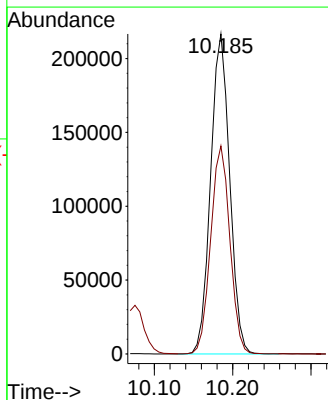
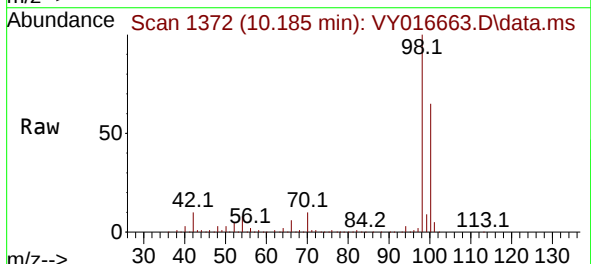
Manual Integrations
APPROVED

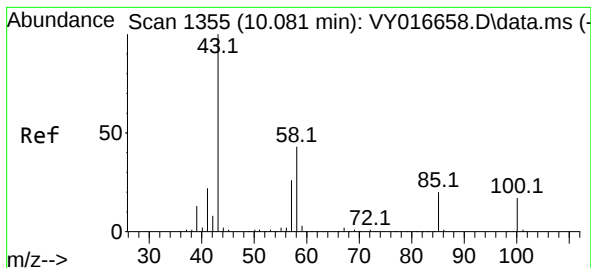
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#50
Toluene-d8
Concen: 48.208 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 98 Resp: 366376
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1





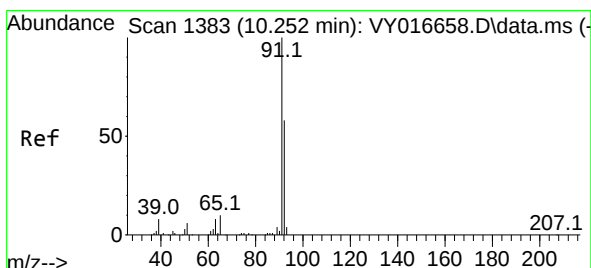
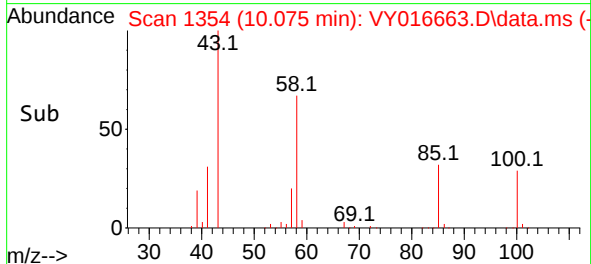
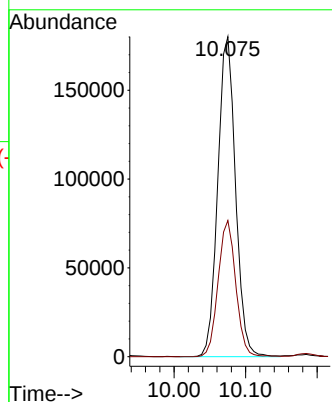
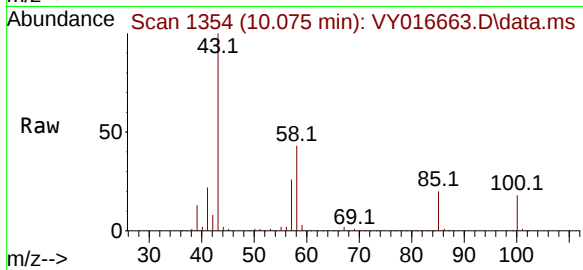
#51
4-Methyl-2-Pentanone
Concen: 244.565 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 310649
Ion Ratio Lower Upper
43 100
58 42.3 29.0 43.6

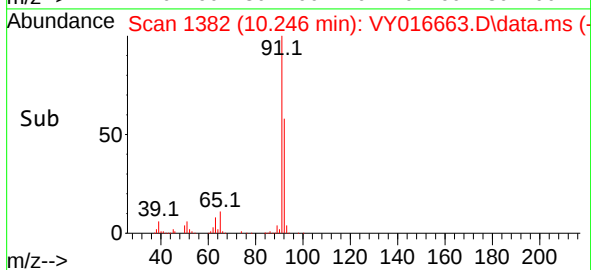
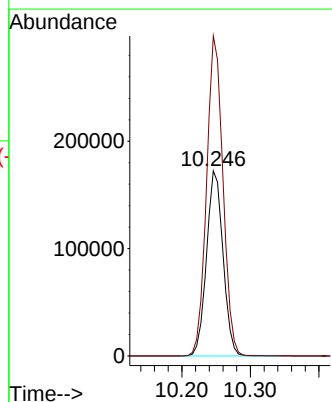
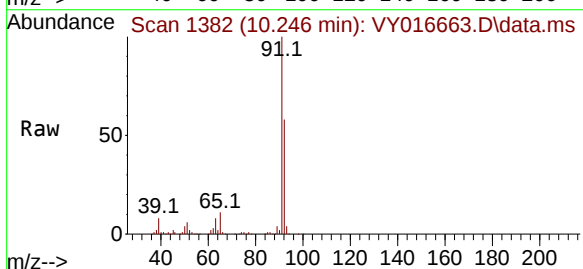
Manual Integrations
APPROVED

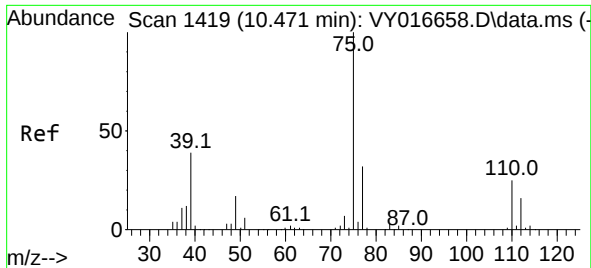
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 49.115 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

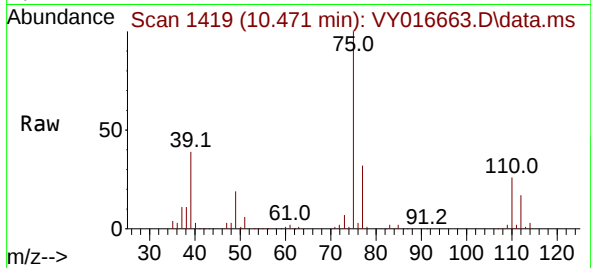
Tgt Ion: 92 Resp: 288339
Ion Ratio Lower Upper
92 100
91 171.8 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 48.893 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

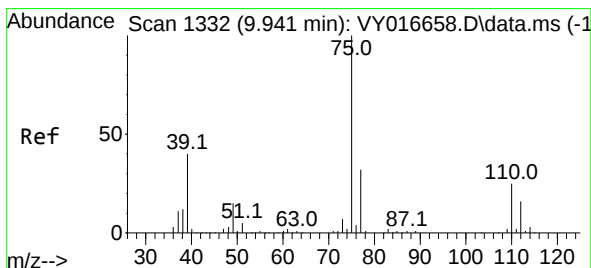
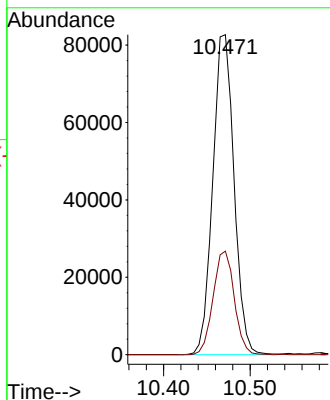
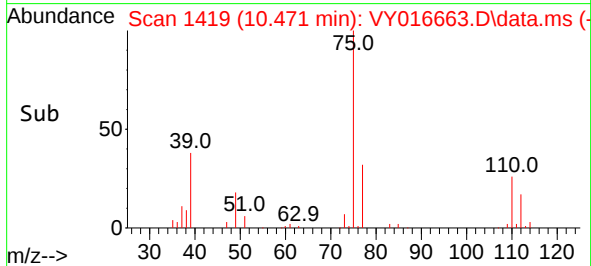
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



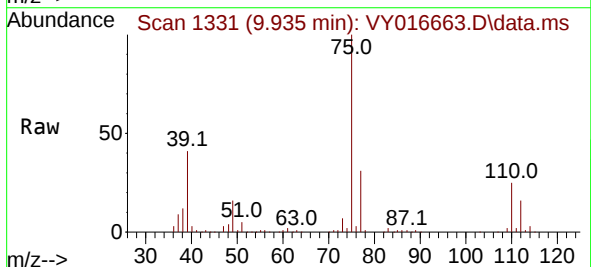
Tgt Ion: 75 Resp: 14111
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

Manual Integrations
APPROVED

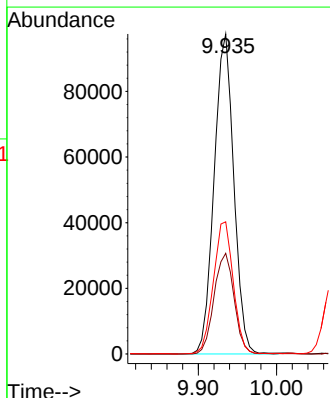
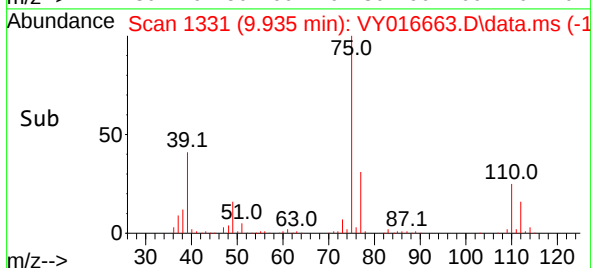
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

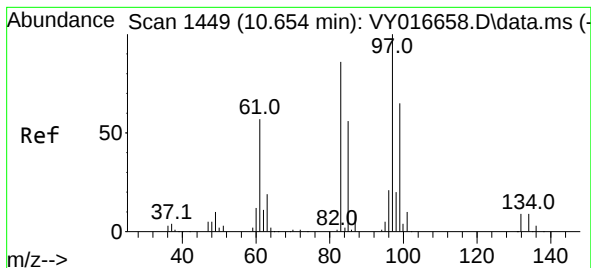


#54
cis-1,3-Dichloropropene
Concen: 49.026 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



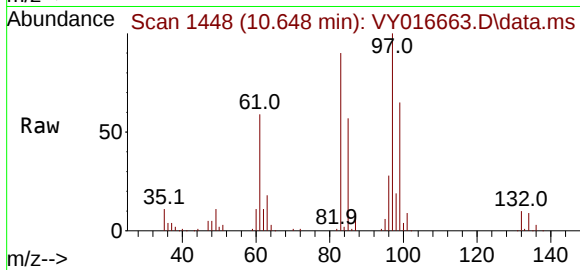
Tgt Ion: 75 Resp: 170127
Ion Ratio Lower Upper
75 100
77 31.4 24.2 36.4
39 41.3 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 48.235 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

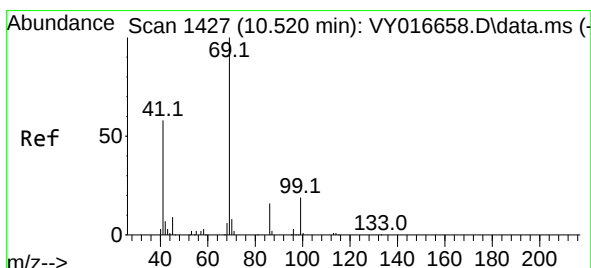
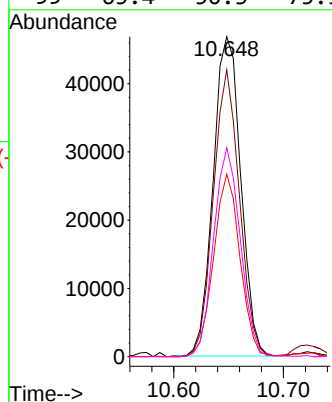
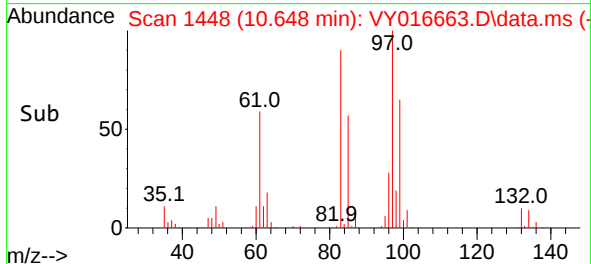
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 97 Resp: 82060
Ion Ratio Lower Upper
97 100
83 89.8 72.0 108.0
85 57.1 45.4 68.0
99 65.4 50.3 75.5

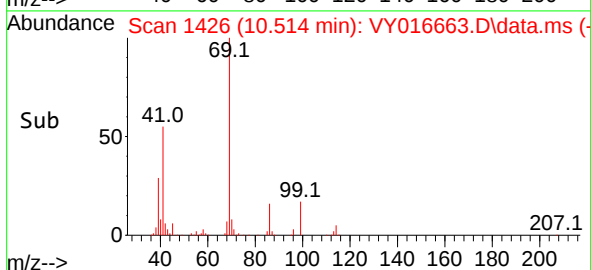
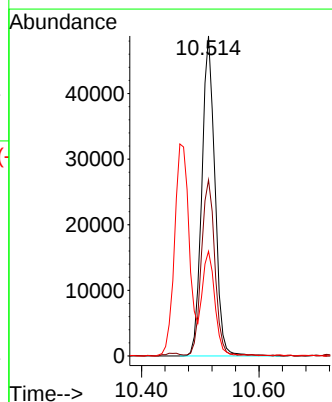
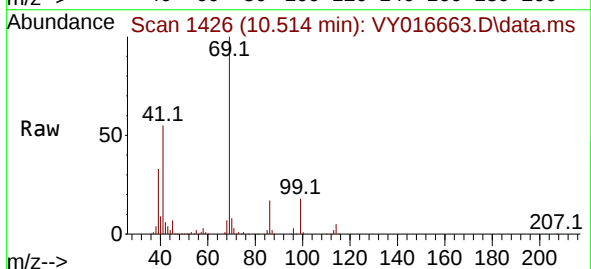
Manual Integrations
APPROVED

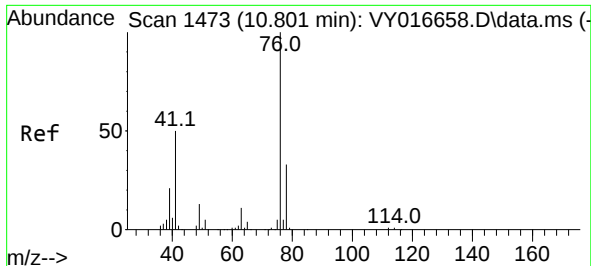
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#56
Ethyl methacrylate
Concen: 51.181 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 69 Resp: 75497
Ion Ratio Lower Upper
69 100
41 55.8 57.6 86.4#
39 31.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 48.676 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 137820

Ion Ratio Lower Upper

76 100

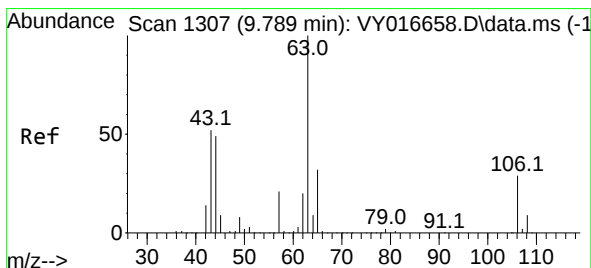
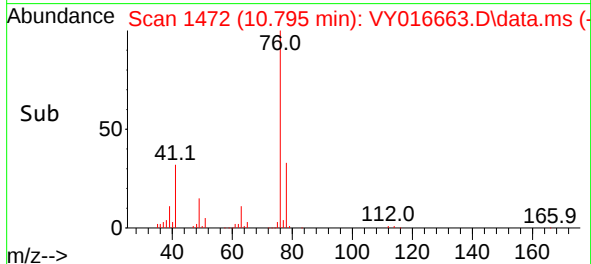
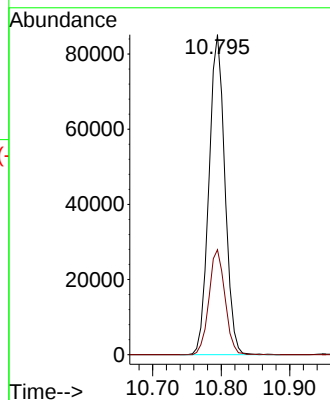
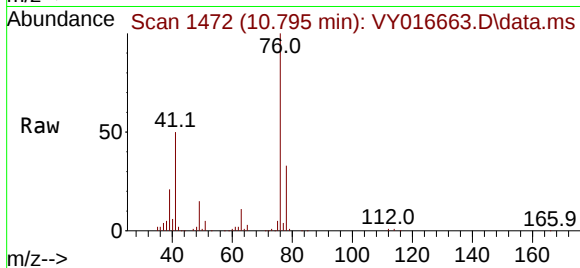
78 33.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 206.444 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016663.D

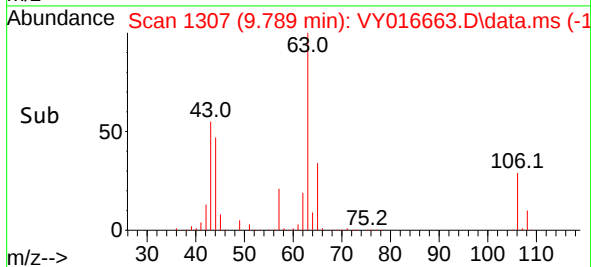
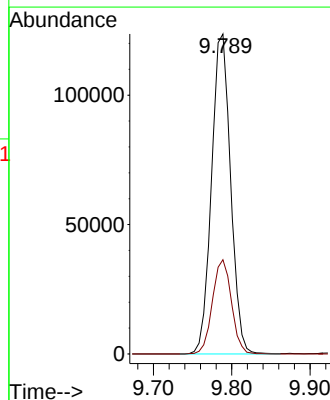
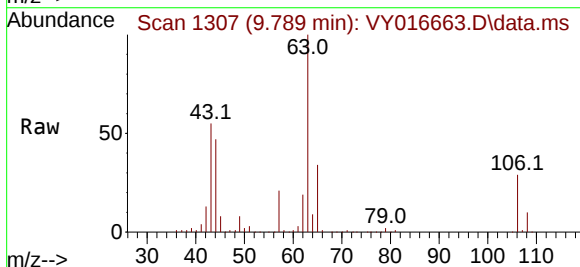
Acq: 16 Dec 2023 10:12

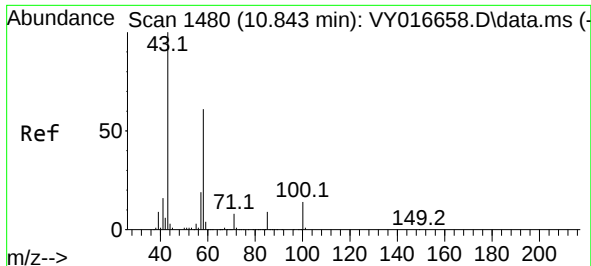
Tgt Ion: 63 Resp: 209215

Ion Ratio Lower Upper

63 100

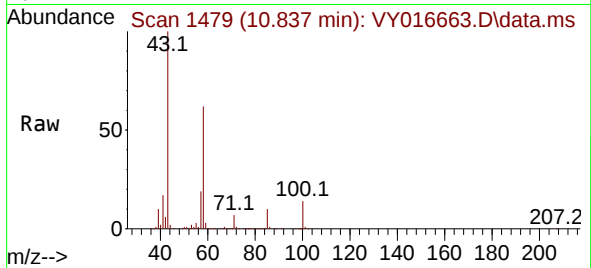
106 29.3 21.2 31.8





#59
2-Hexanone
Concen: 240.856 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

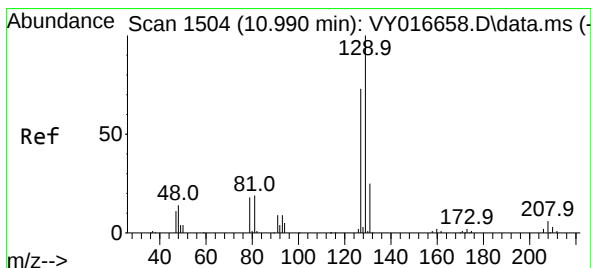
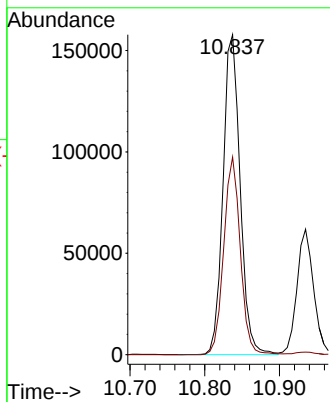
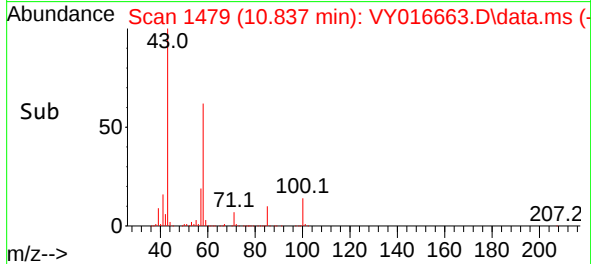
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 250993
Ion Ratio Lower Upper
43 100
58 59.8 25.1 75.3

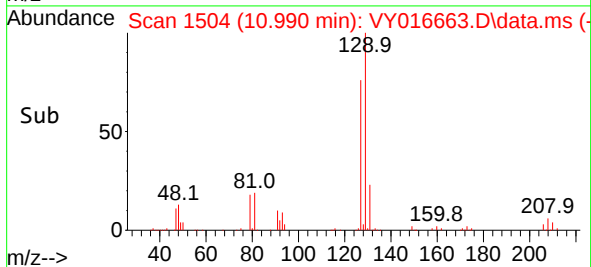
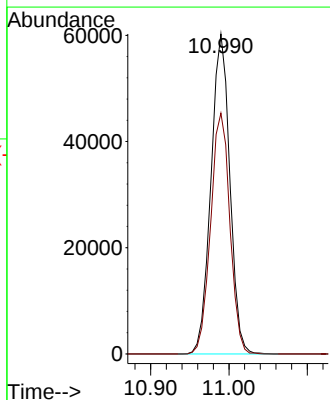
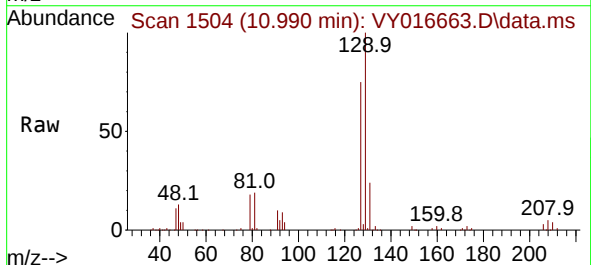
Manual Integrations
APPROVED

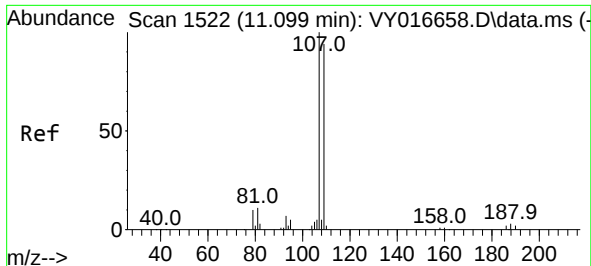
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 48.904 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

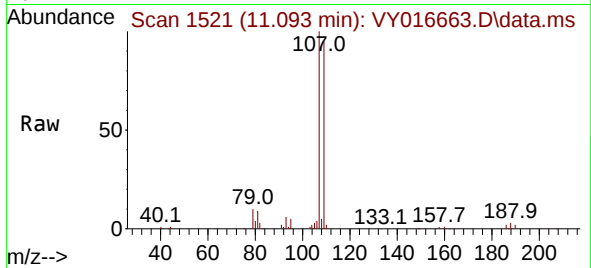
Tgt Ion:129 Resp: 100837
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 48.237 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

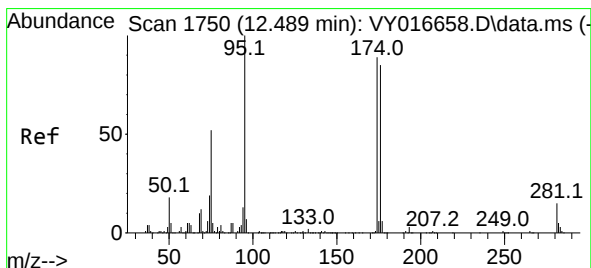
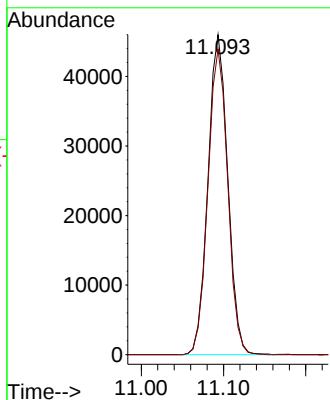
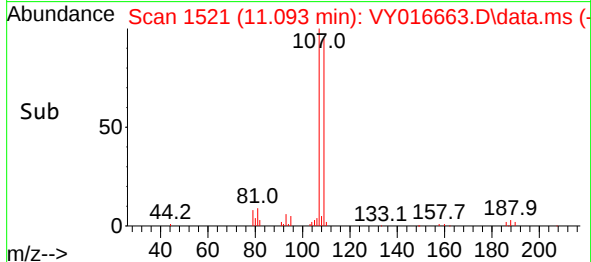
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



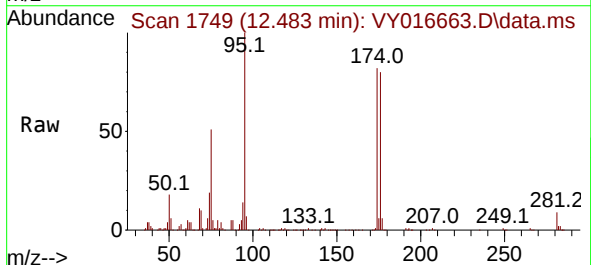
Tgt Ion:107 Resp: 77020
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4

Manual Integrations
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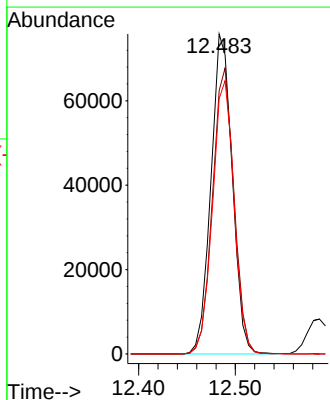
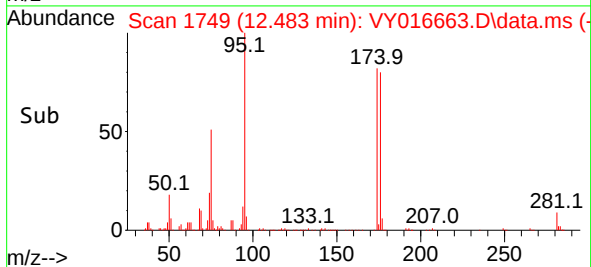
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

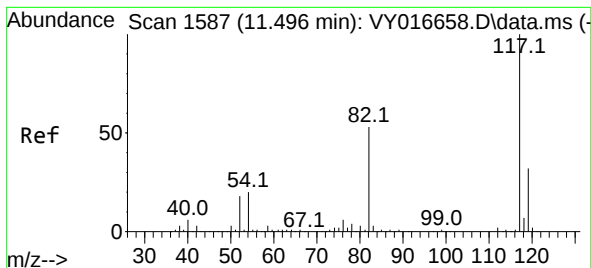


#62
4-Bromofluorobenzene
Concen: 46.807 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion: 95 Resp: 115811
Ion Ratio Lower Upper
95 100
174 90.2 0.0 178.2
176 86.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:117 Resp: 31226

Ion Ratio Lower Upper

117 100

82 53.5 43.4 65.0

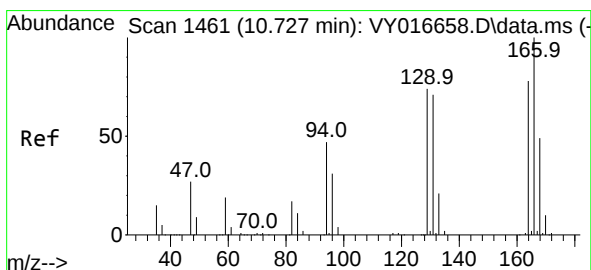
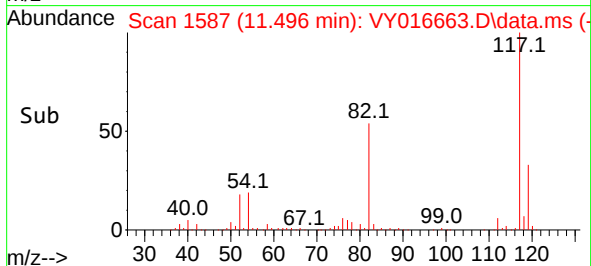
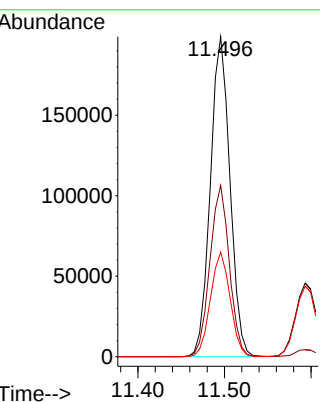
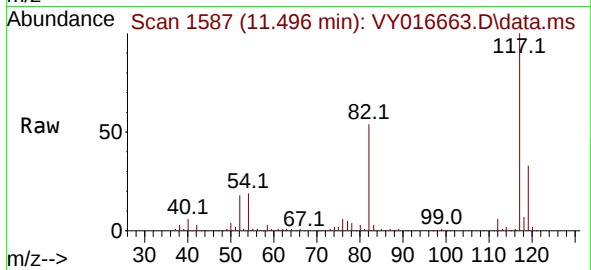
119 32.7 26.3 39.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#64

Tetrachloroethene

Concen: 48.006 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Tgt Ion:164 Resp: 122813

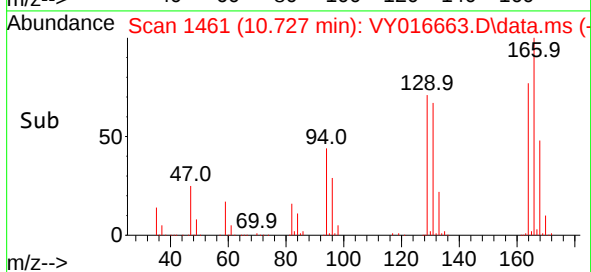
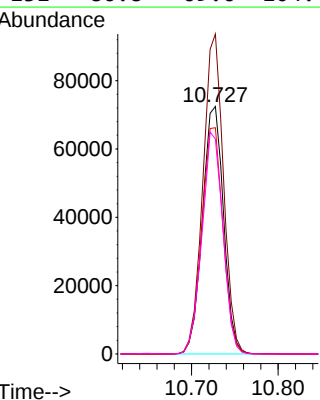
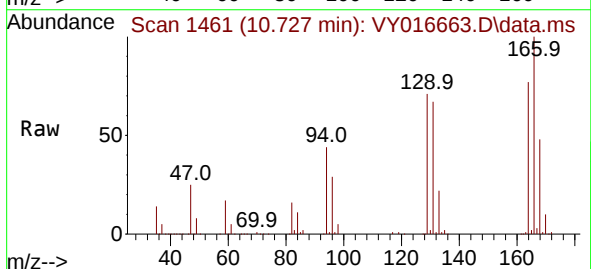
Ion Ratio Lower Upper

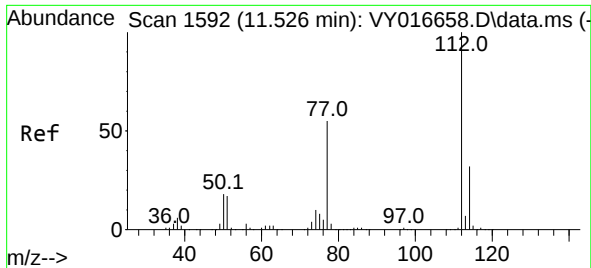
164 100

166 129.3 103.0 154.6

129 91.4 77.2 115.8

131 86.8 69.6 104.4





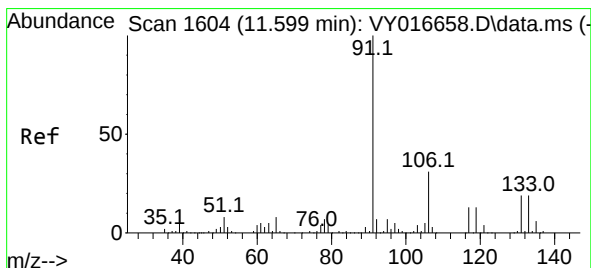
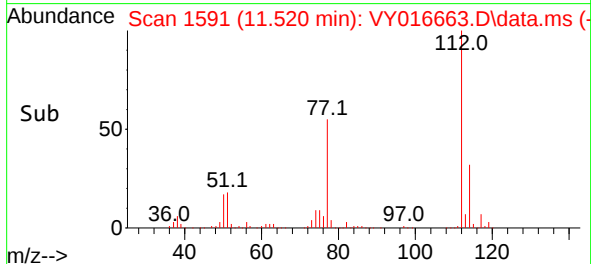
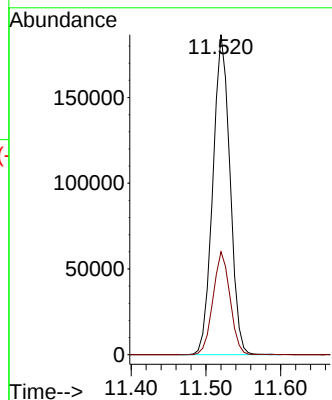
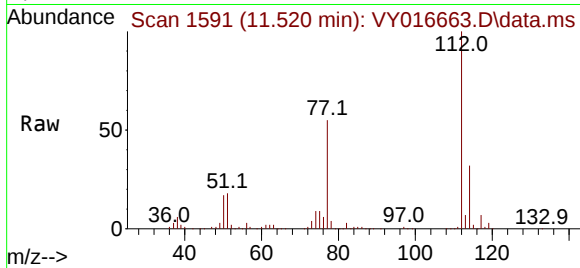
#65
Chlorobenzene
Concen: 48.704 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 29664
Ion Ratio Lower Upper
112 100
114 32.2 25.5 38.3

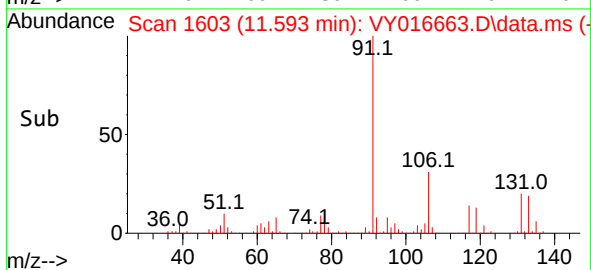
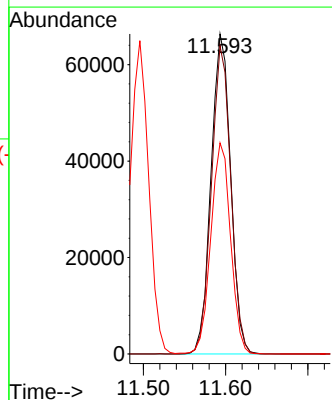
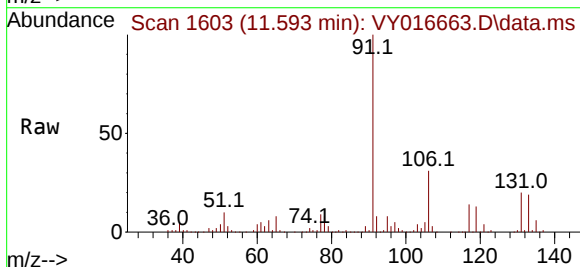
Manual Integrations
APPROVED

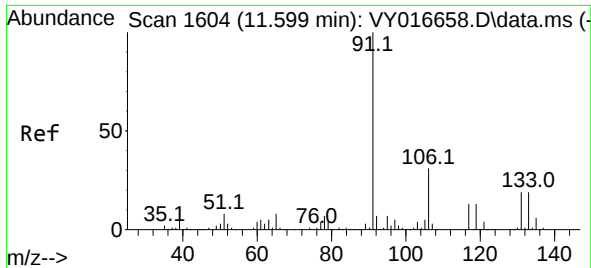
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.234 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:131 Resp: 109670
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 66.6 31.6 94.7





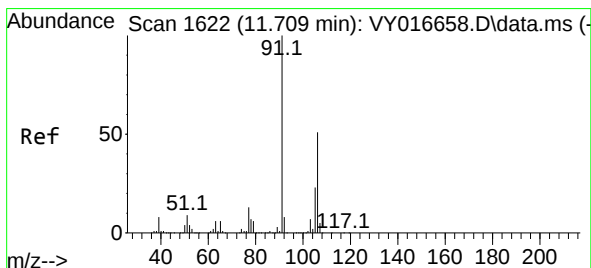
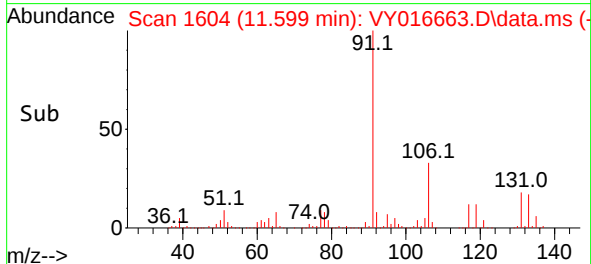
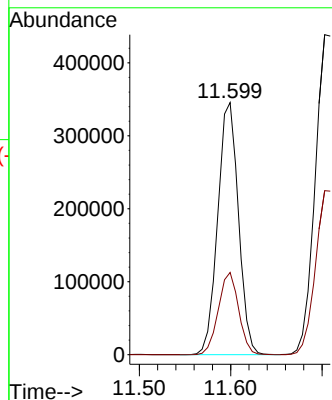
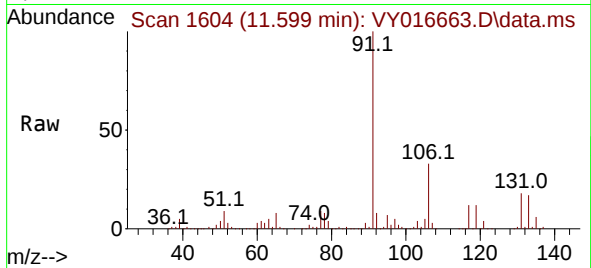
#67
Ethyl Benzene
Concen: 49.661 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 544172
Ion Ratio Lower Upper
91 100
106 32.6 24.6 36.8

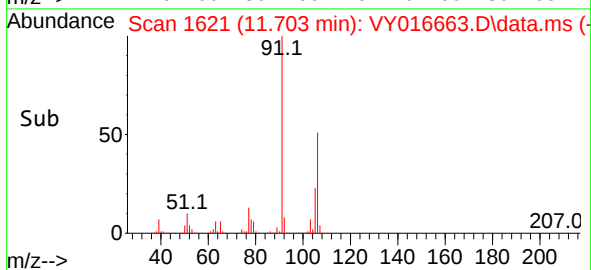
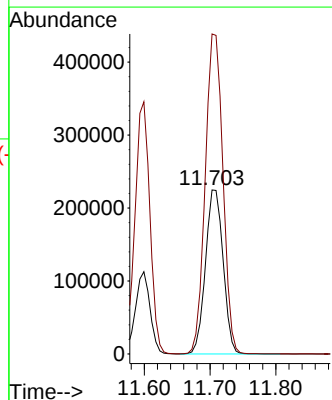
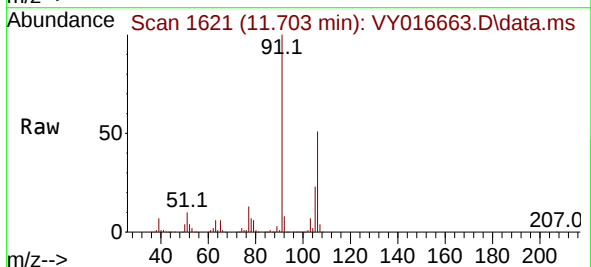
Manual Integrations
APPROVED

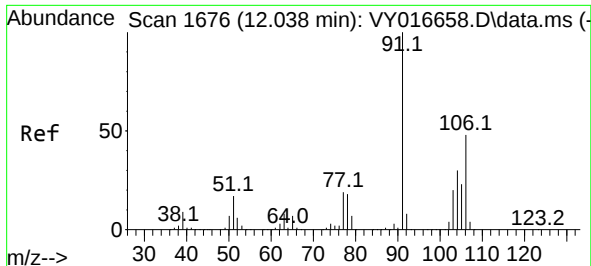
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#68
m/p-Xylenes
Concen: 99.269 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:106 Resp: 419649
Ion Ratio Lower Upper
106 100
91 195.3 166.1 249.1





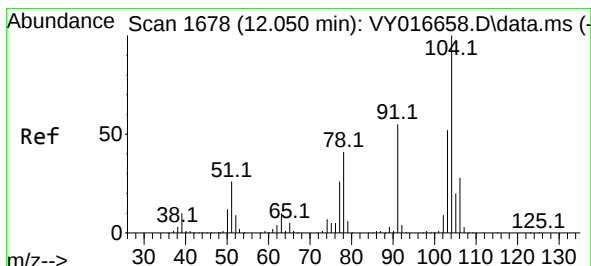
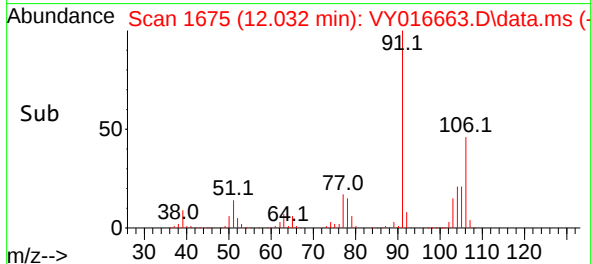
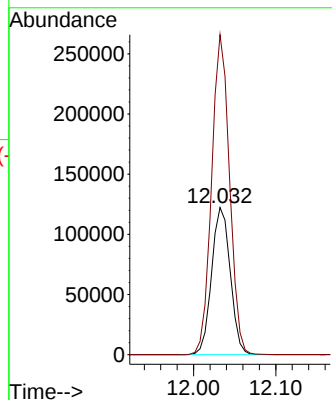
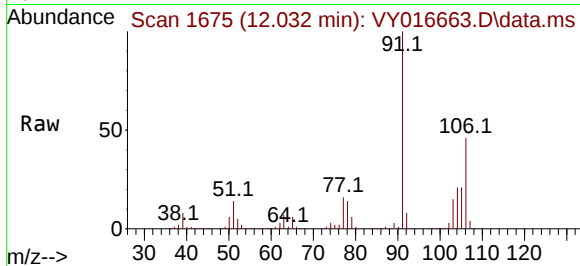
#69
o-Xylene
Concen: 49.765 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 192428
Ion Ratio Lower Upper
106 100
91 209.5 108.1 324.3

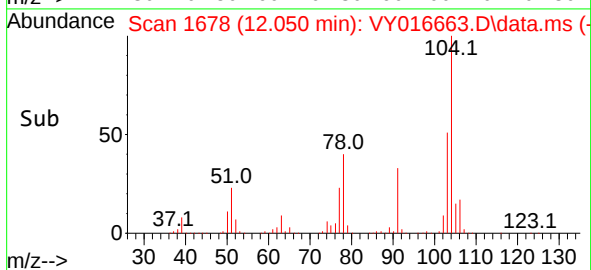
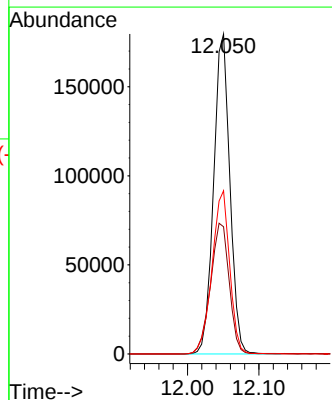
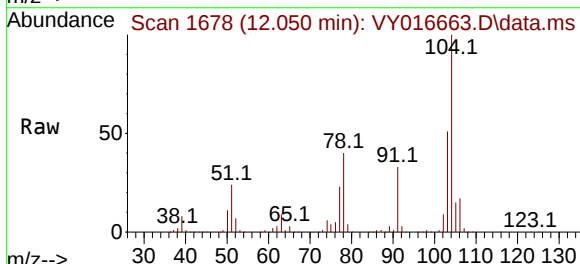
Manual Integrations
APPROVED

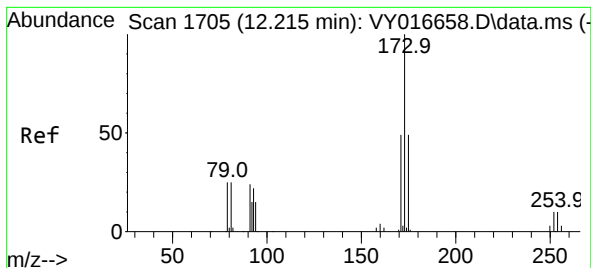
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#70
Styrene
Concen: 50.566 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion:104 Resp: 283284
Ion Ratio Lower Upper
104 100
78 47.1 41.5 62.3
103 55.4 44.6 67.0





#71

Bromoform

Concen: 48.285 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

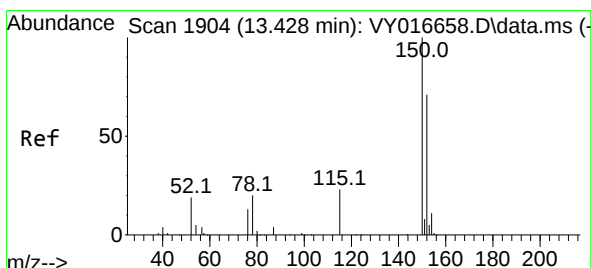
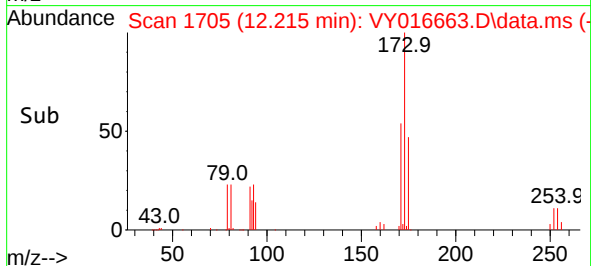
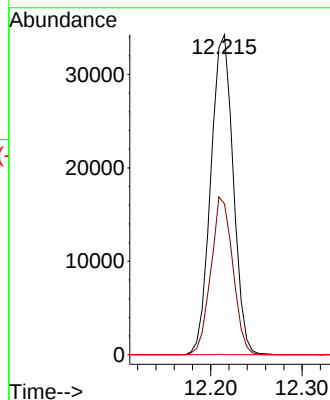
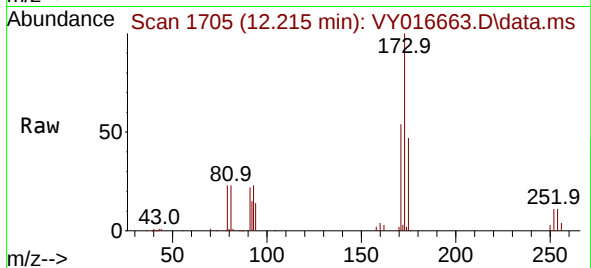
VSTDCCC050

Tgt Ion:173	Resp:	58328
Ion Ratio	Lower	Upper
173	100	
175	48.2	24.6 73.8
254	0.0	0.2 0.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

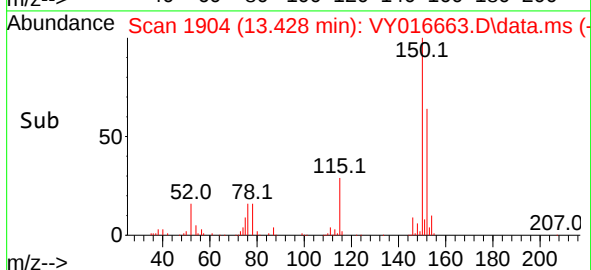
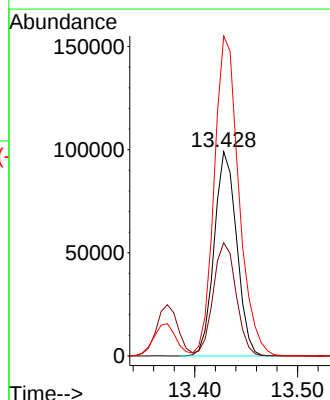
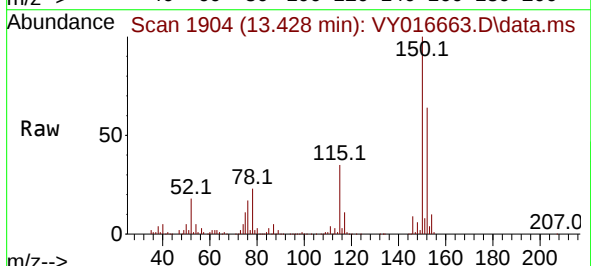
RT: 13.428 min Scan# 1904

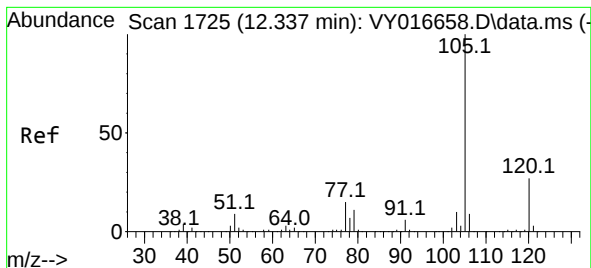
Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Tgt Ion:152	Resp:	150135
Ion Ratio	Lower	Upper
152	100	
115	56.8	28.8 86.5
150	171.8	0.0 348.8





#73

Isopropylbenzene

Concen: 49.388 ug/l

RT: 12.331 min Scan# 1725

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 521550

Ion Ratio Lower Upper

105 100

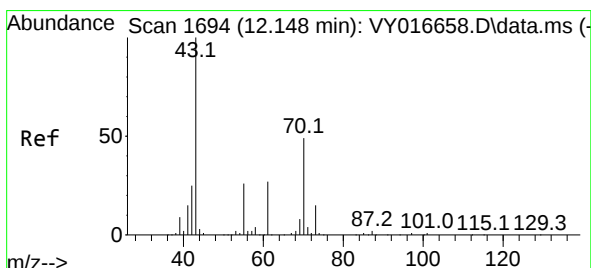
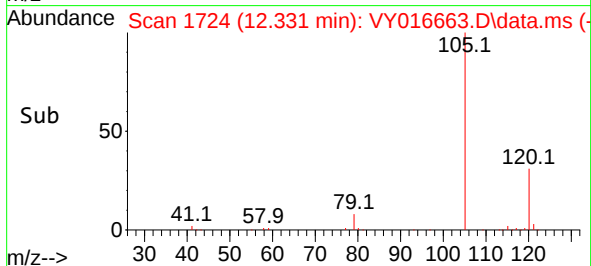
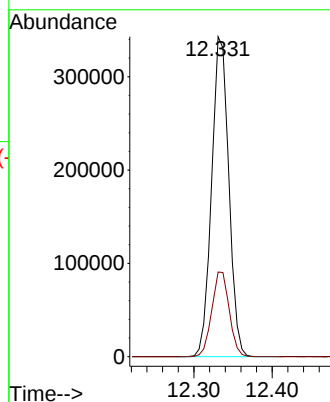
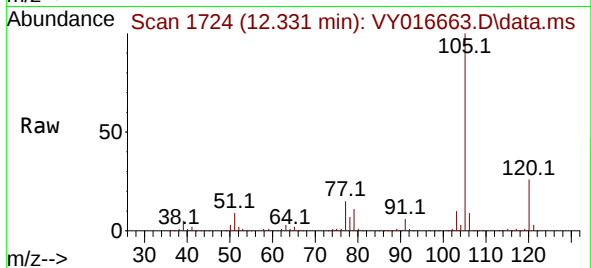
120 26.9 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#74

N-ethyl acetate

Concen: 48.263 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Tgt Ion: 43 Resp: 95529

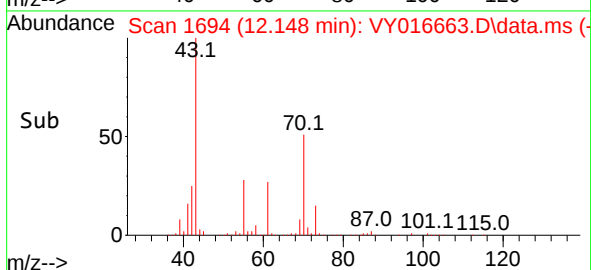
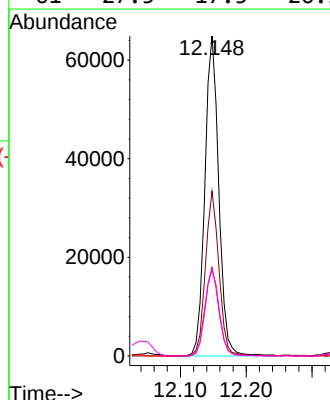
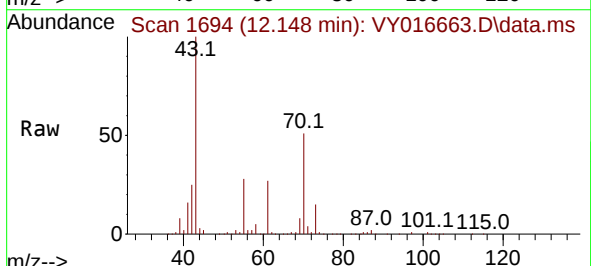
Ion Ratio Lower Upper

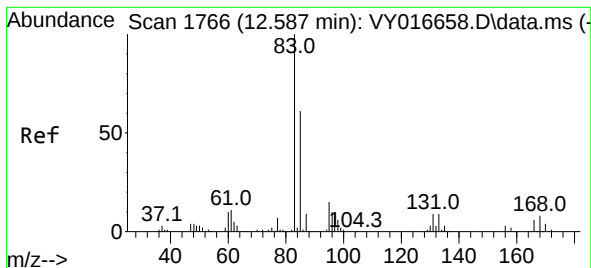
43 100

70 50.0 29.7 44.5#

55 27.7 18.3 27.5#

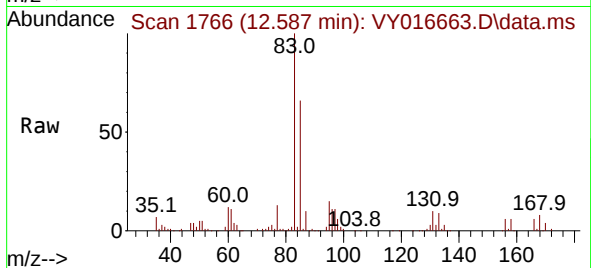
61 27.5 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 47.635 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

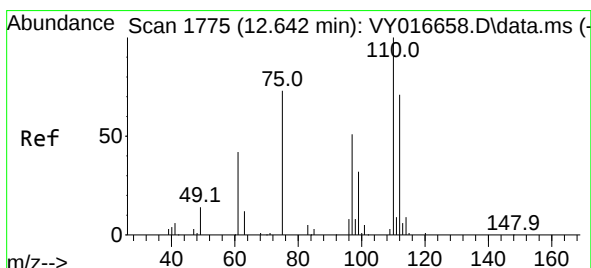
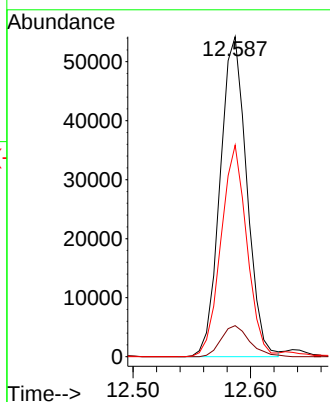
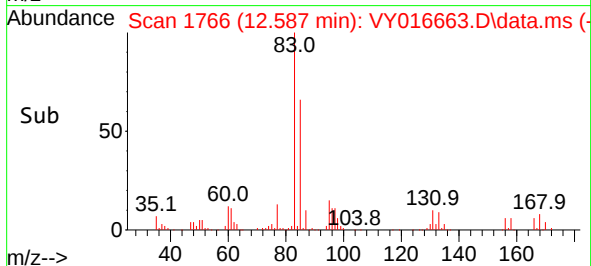
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 85580
Ion Ratio Lower Upper
83 100
131 10.3 5.4 16.2
85 64.3 31.8 95.4

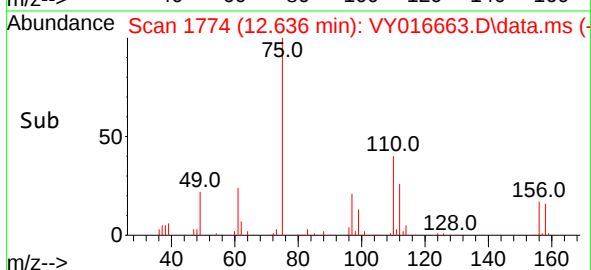
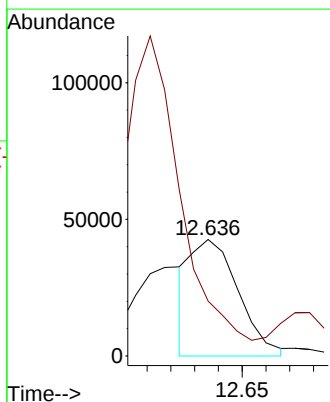
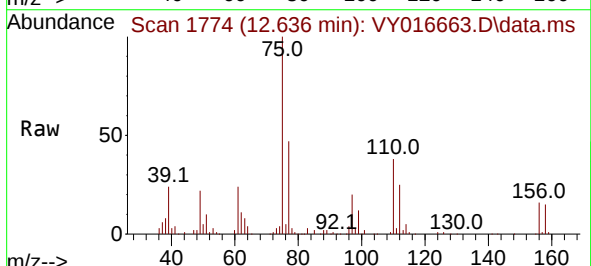
Manual Integrations
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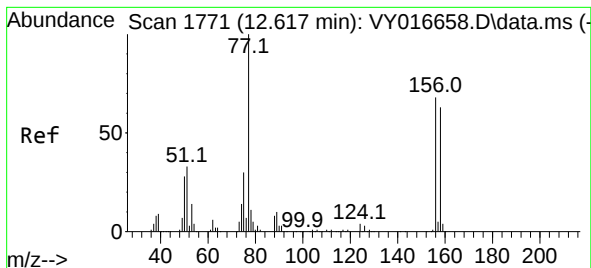
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#76
1,2,3-Trichloropropane
Concen: 43.500 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 75 Resp: 59822
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.310 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

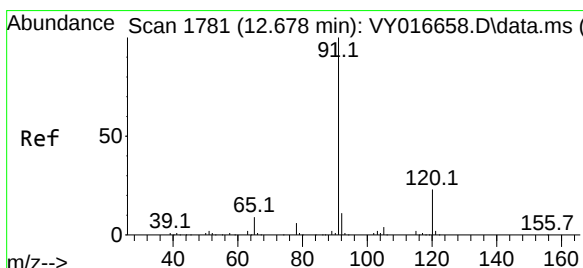
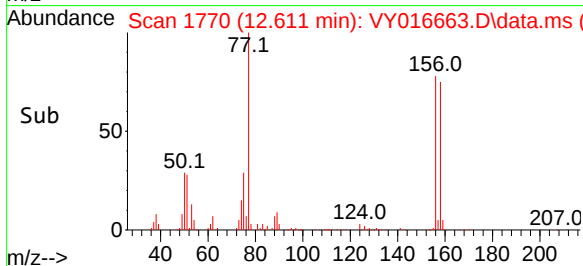
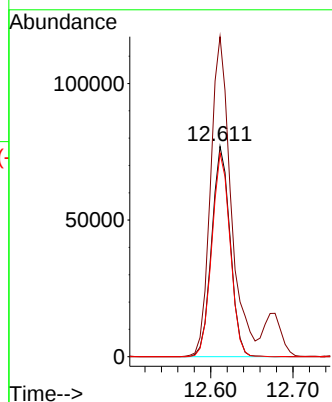
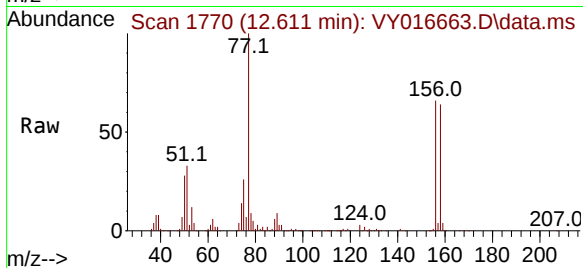
VSTDCCC050

Tgt Ion:	156	Resp:	11952
Ion Ratio	Lower	Upper	
156	100		
77	168.5	92.8	278.6
158	96.4	48.4	145.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#78

n-propylbenzene

Concen: 49.475 ug/l

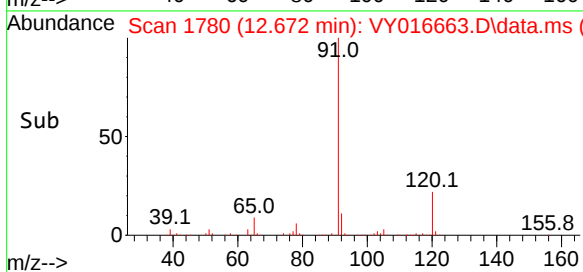
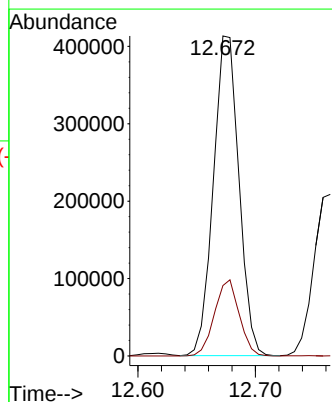
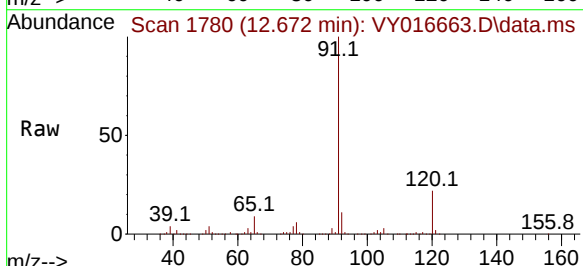
RT: 12.672 min Scan# 1780

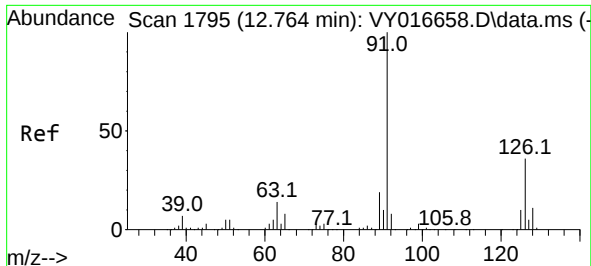
Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Tgt Ion:	91	Resp:	624495
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 47.856 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 331700

Ion Ratio Lower Upper

91 100

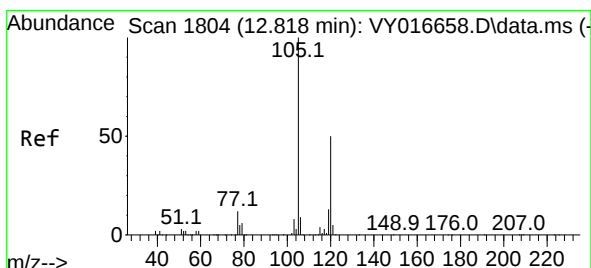
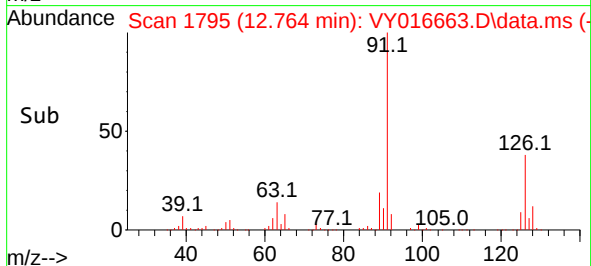
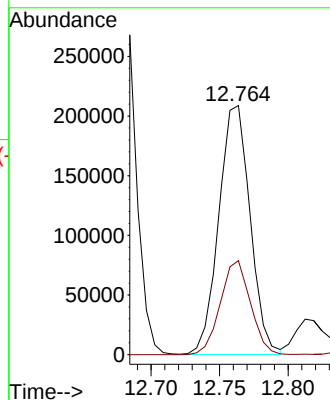
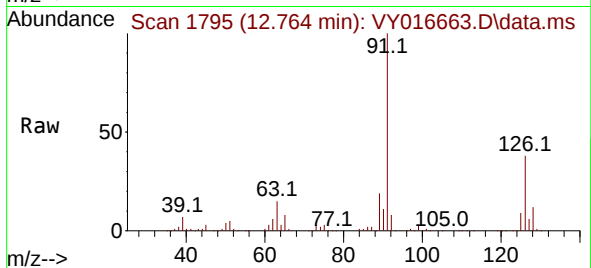
126 36.4 17.3 51.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#80

1,3,5-Trimethylbenzene

Concen: 49.797 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.006 min

Lab File: VY016663.D

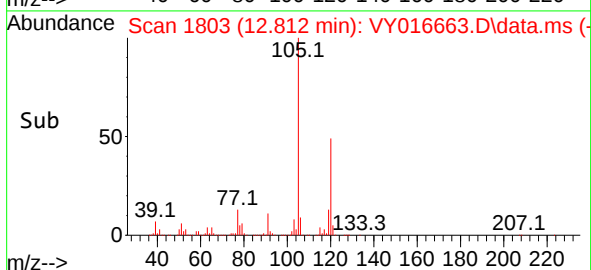
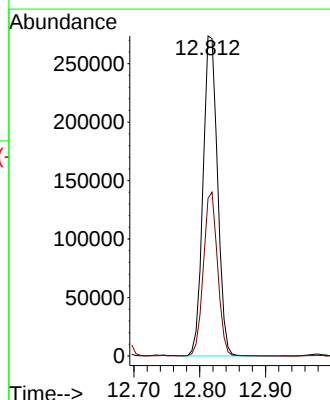
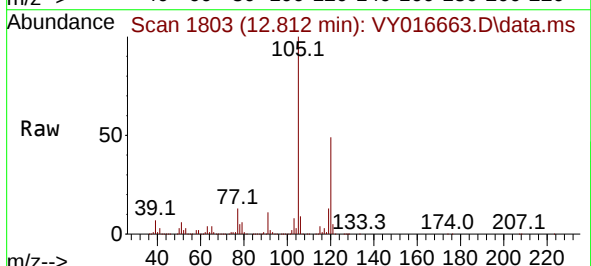
Acq: 16 Dec 2023 10:12

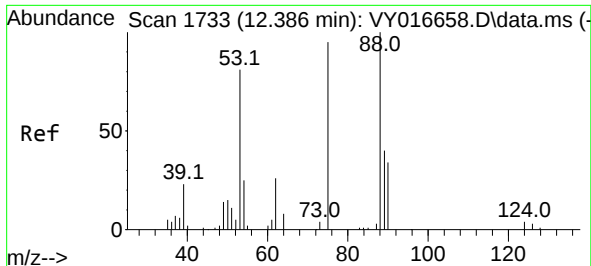
Tgt Ion:105 Resp: 420485

Ion Ratio Lower Upper

105 100

120 50.1 23.9 71.7





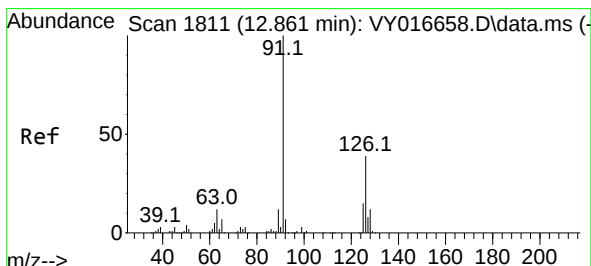
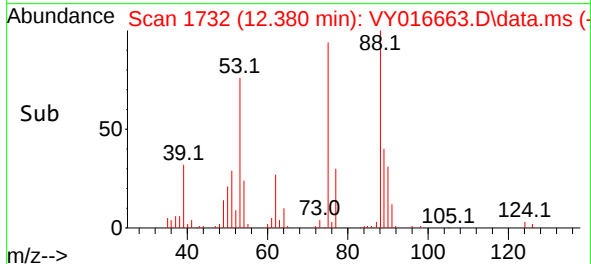
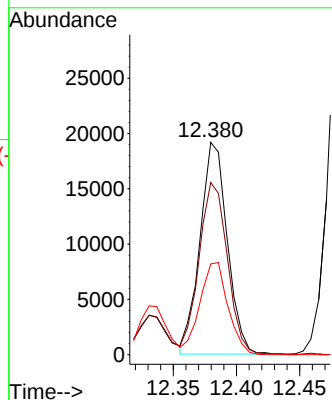
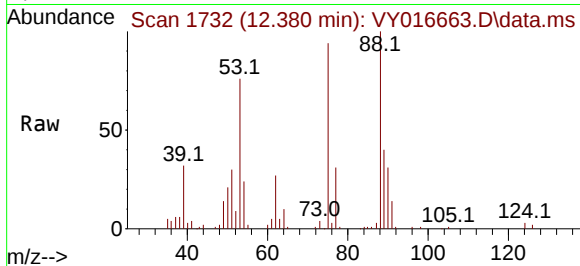
#81
trans-1,4-Dichloro-2-butene
Concen: 47.783 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 2875
Ion Ratio Lower Upper
75 100
53 84.9 77.8 116.8
89 45.1 37.4 56.0

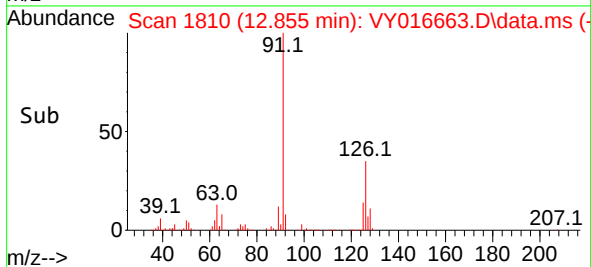
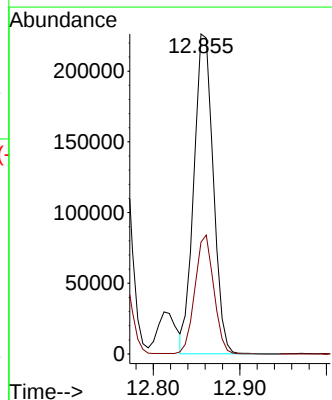
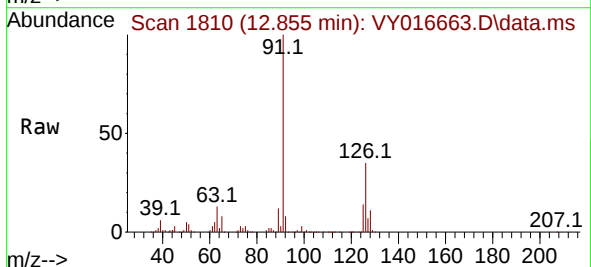
Manual Integrations
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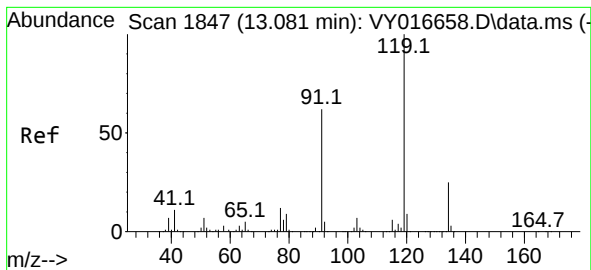
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 49.061 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 91 Resp: 351654
Ion Ratio Lower Upper
91 100
126 36.3 17.2 51.6





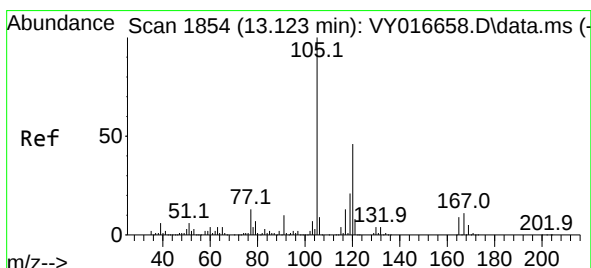
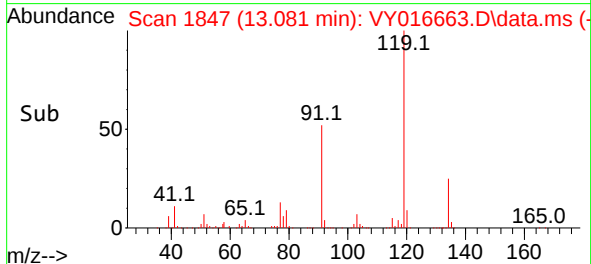
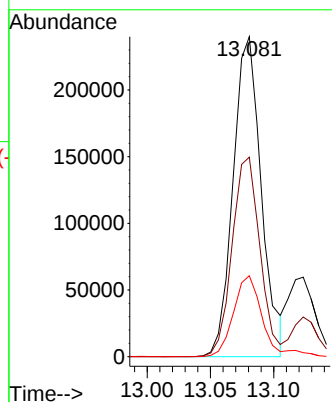
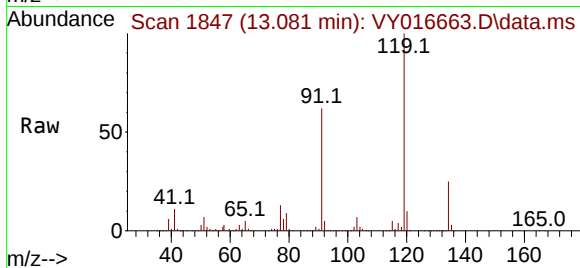
#83
tert-Butylbenzene
Concen: 50.502 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 372104
Ion Ratio Lower Upper
119 100
91 61.6 32.9 98.6
134 26.0 13.0 38.9

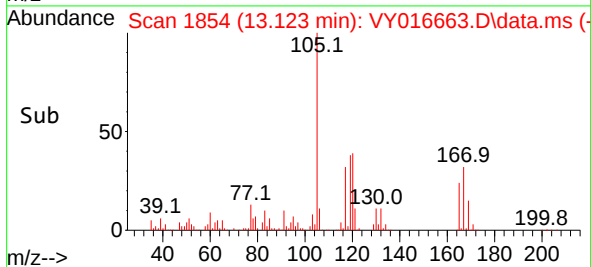
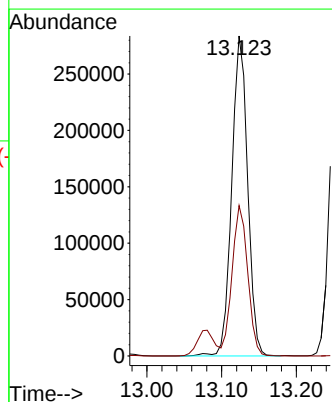
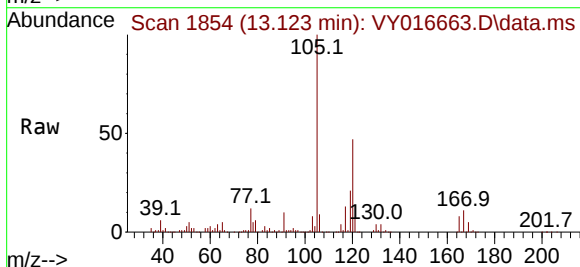
Manual Integrations
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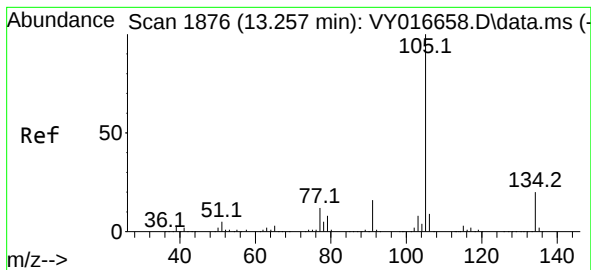
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 49.889 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

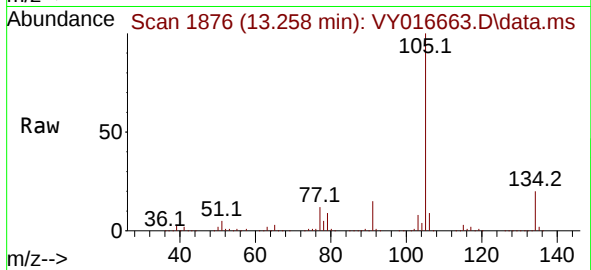
Tgt Ion:105 Resp: 417800
Ion Ratio Lower Upper
105 100
120 46.4 22.2 66.6





#85
 sec-Butylbenzene
 Concen: 50.126 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12

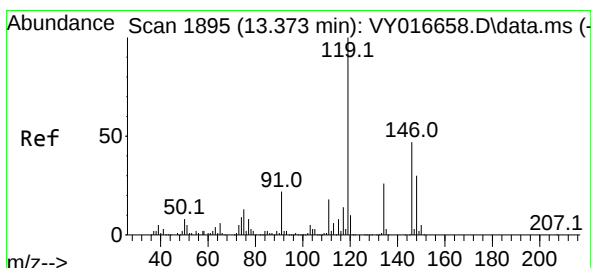
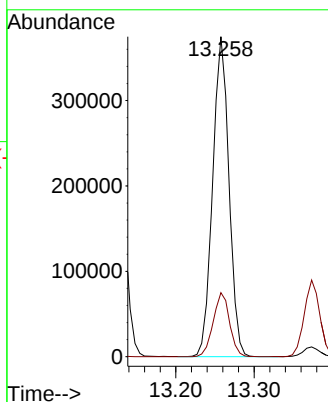
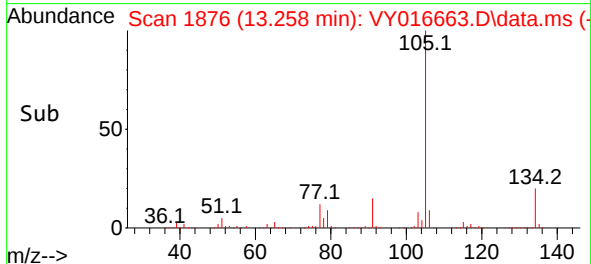
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050



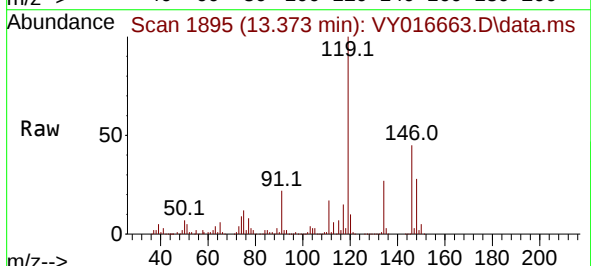
Tgt Ion:105 Resp: 541938
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.2 30.6

Manual Integrations
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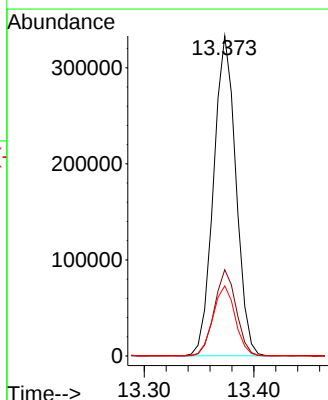
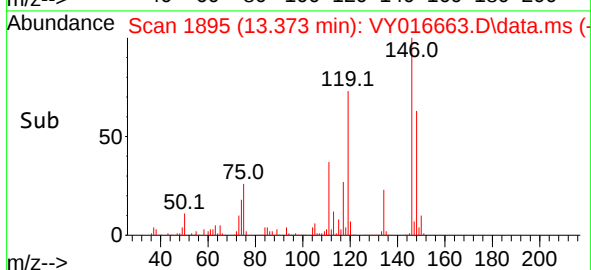
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

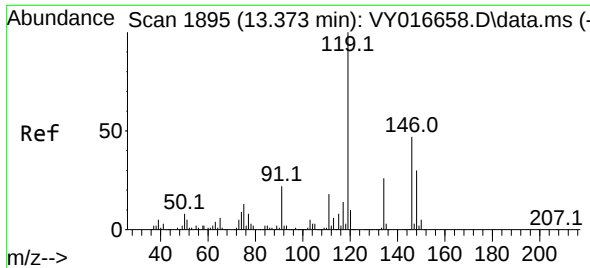


#86
 p-Isopropyltoluene
 Concen: 51.074 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY016663.D
 Acq: 16 Dec 2023 10:12



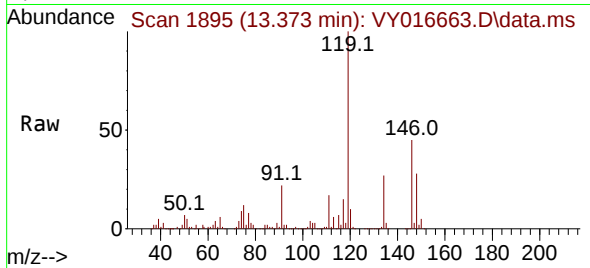
Tgt Ion:119 Resp: 471449
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 21.8 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 48.680 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

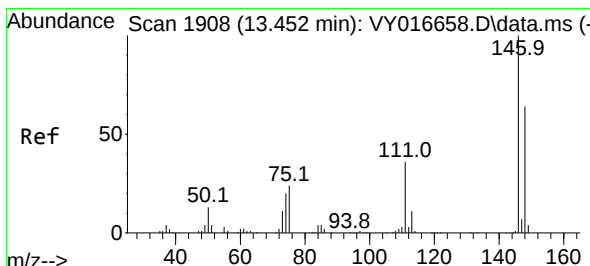
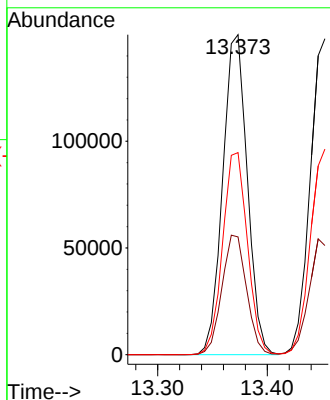
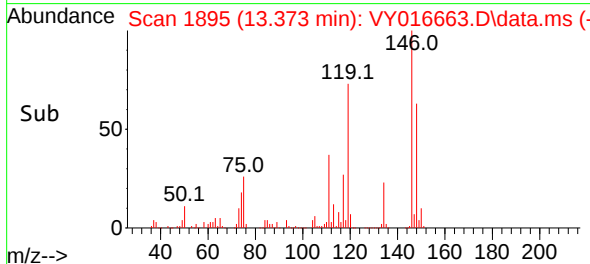
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050



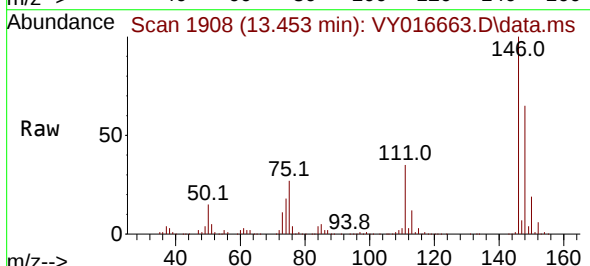
Tgt Ion:146 Resp: 234092
Ion Ratio Lower Upper
146 100
111 37.5 19.4 58.2
148 63.8 31.9 95.5

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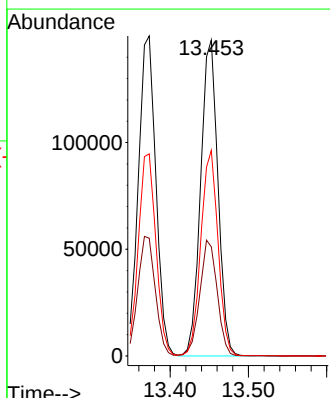
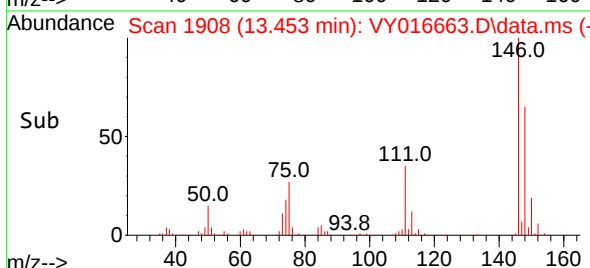
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

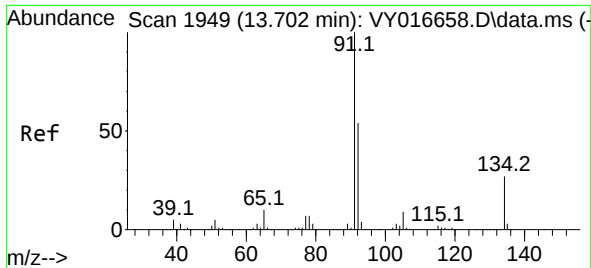


#88
1,4-Dichlorobenzene
Concen: 47.975 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12



Tgt Ion:146 Resp: 226850
Ion Ratio Lower Upper
146 100
111 36.8 18.9 56.7
148 64.7 32.1 96.5





#89

n-Butylbenzene

Concen: 51.200 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

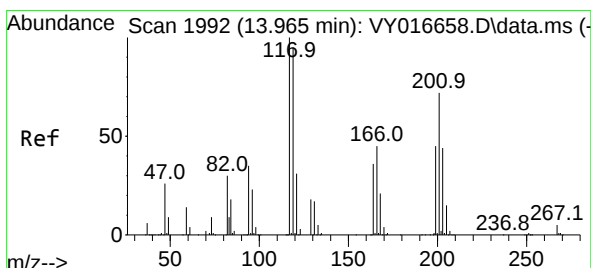
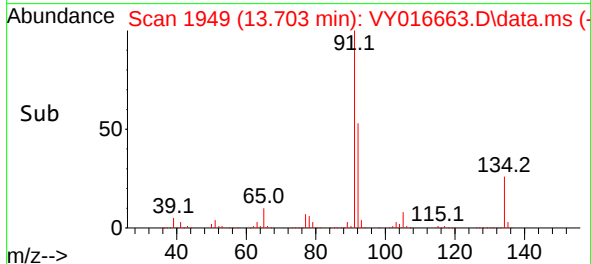
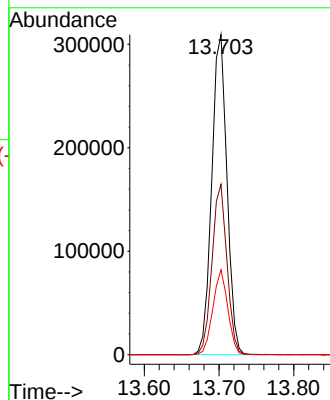
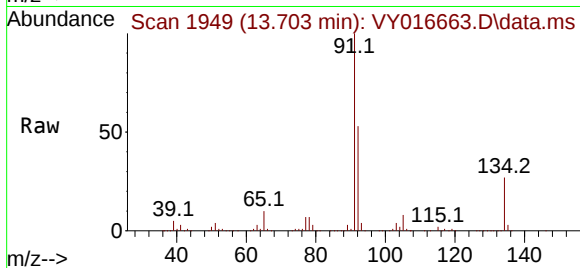
VSTDCCC050

Tgt Ion:	91	Resp:	43904
Ion	Ratio	Lower	Upper
91	100		
92	52.3	25.4	76.0
134	26.0	12.6	37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90

Hexachloroethane

Concen: 47.966 ug/l

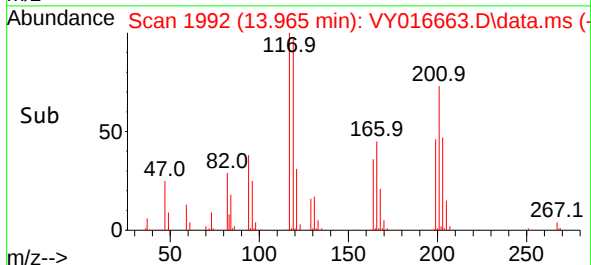
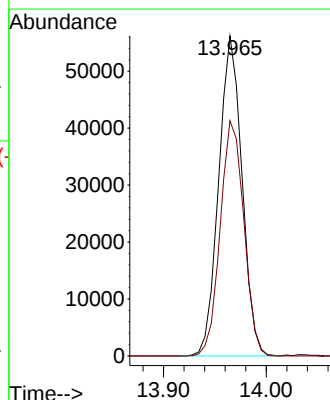
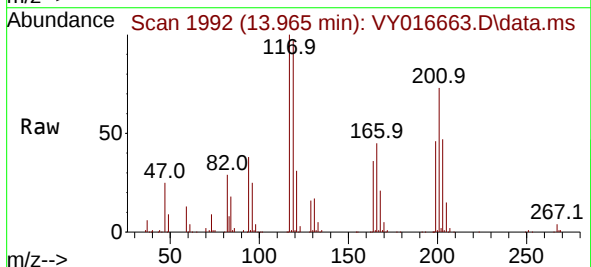
RT: 13.965 min Scan# 1992

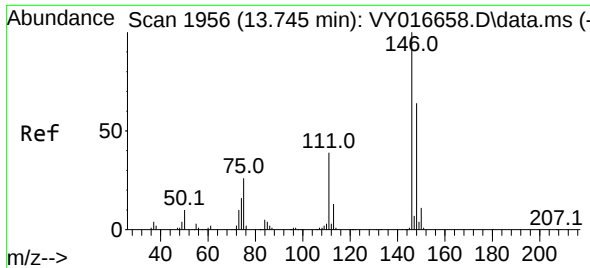
Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Tgt Ion:	117	Resp:	88126
Ion	Ratio	Lower	Upper
117	100		
201	74.8	41.6	124.8





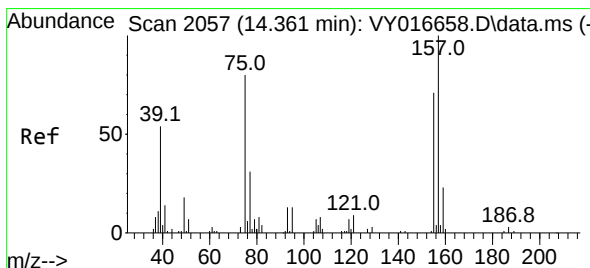
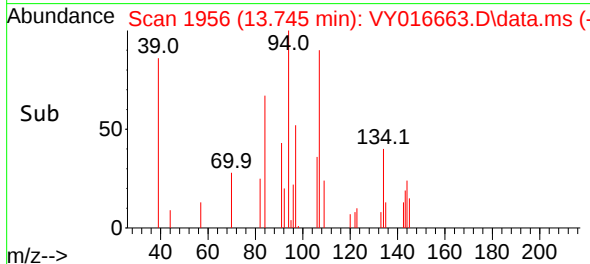
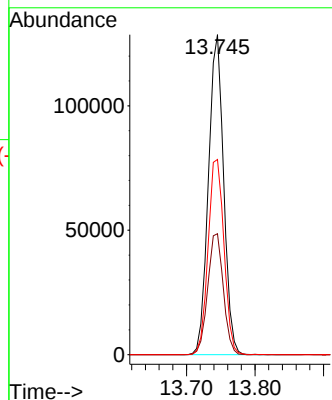
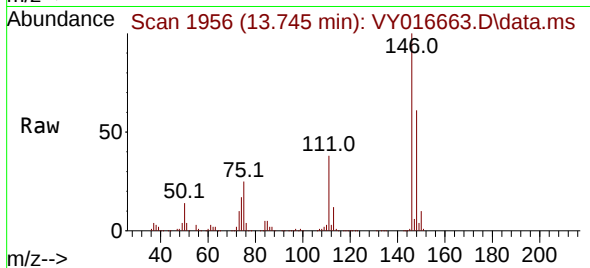
#91
1,2-Dichlorobenzene
Concen: 48.168 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 19874
Ion Ratio Lower Upper
146 100
111 38.9 19.7 59.0
148 63.7 32.0 96.2

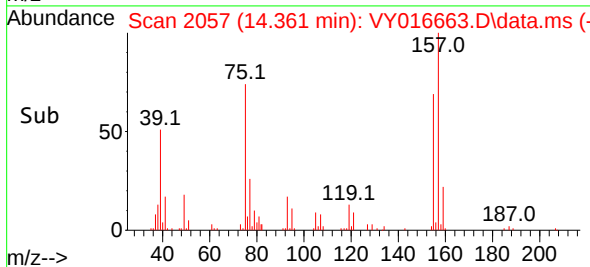
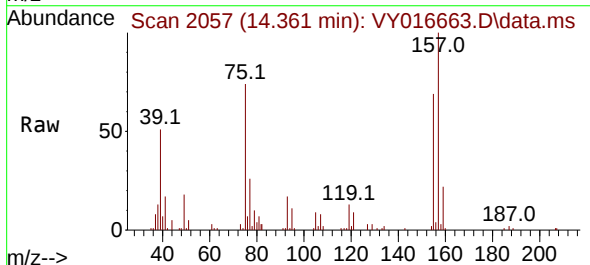
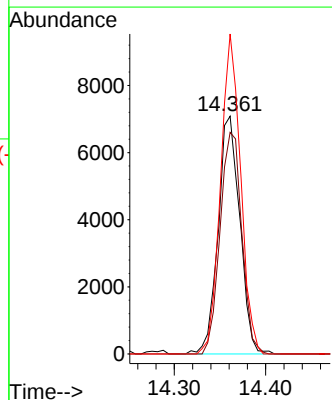
Manual Integrations
APPROVED

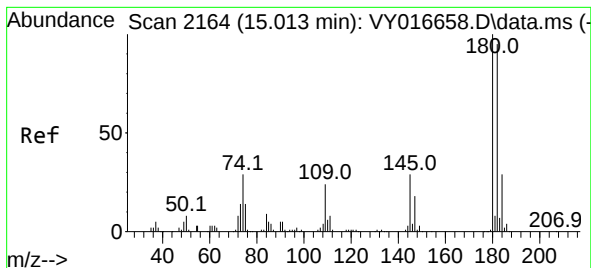
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.922 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY016663.D
Acq: 16 Dec 2023 10:12

Tgt Ion: 75 Resp: 11681
Ion Ratio Lower Upper
75 100
155 93.3 41.5 124.6
157 124.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.124 ug/l

RT: 15.007 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 111718

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.2

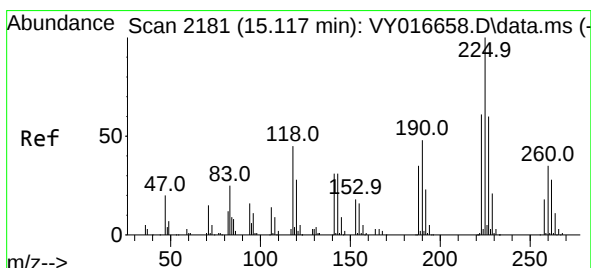
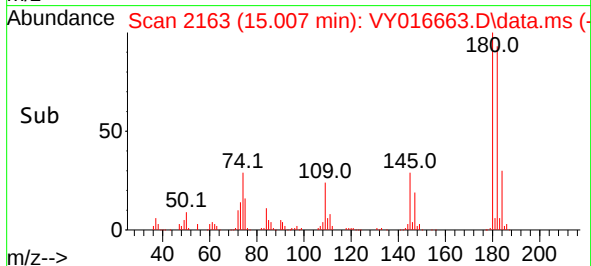
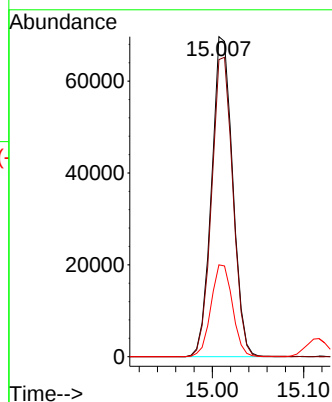
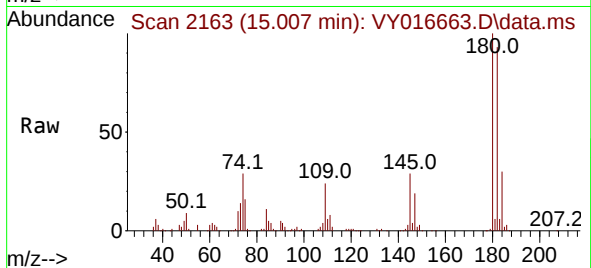
145 29.1 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 47.345 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

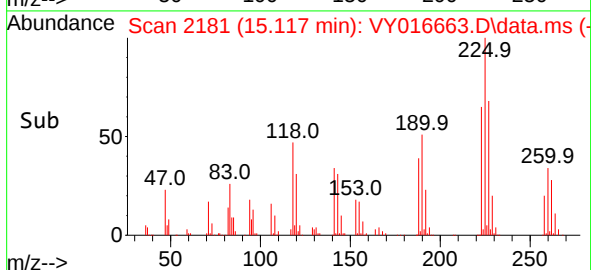
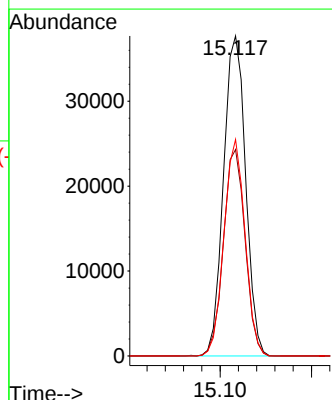
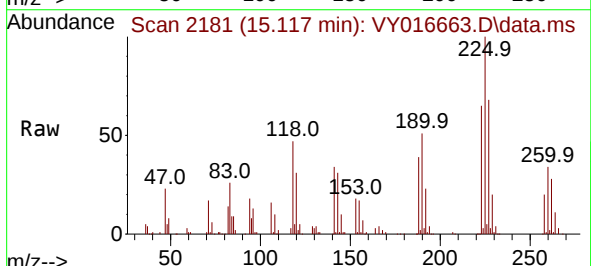
Tgt Ion:225 Resp: 63340

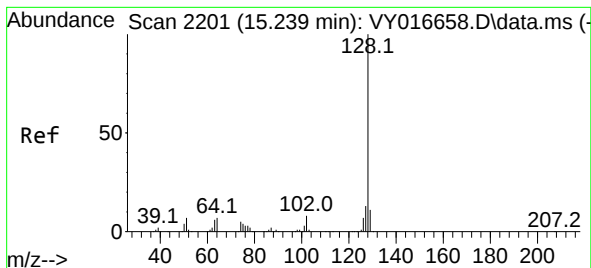
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.7 33.0 98.9





#95

Naphthalene

Concen: 50.555 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Instrument :

MSVOA_Y

ClientSampleId :

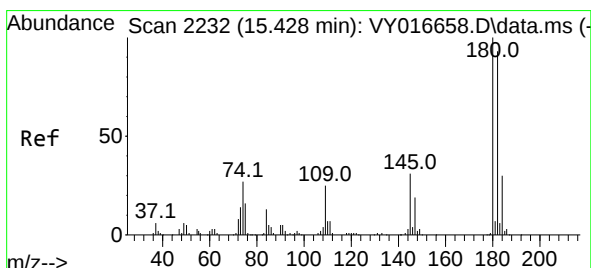
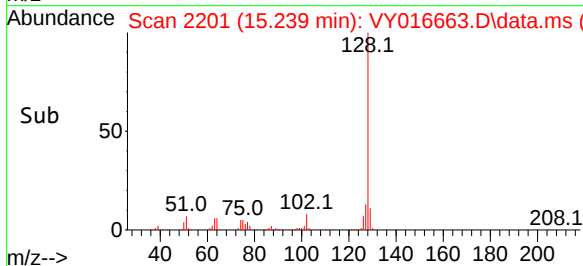
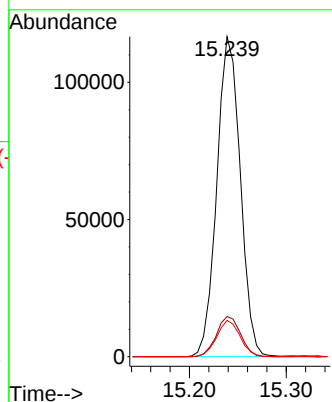
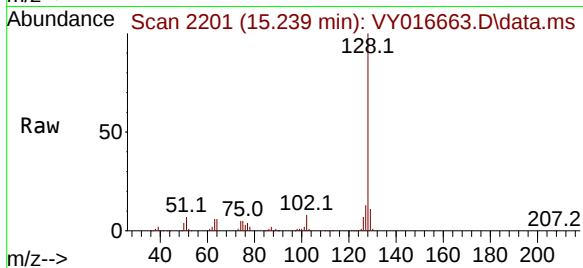
VSTDCCC050

Tgt Ion:	128	Resp:	196510
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#96

1,2,3-Trichlorobenzene

Concen: 49.081 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY016663.D

Acq: 16 Dec 2023 10:12

Tgt Ion:	180	Resp:	90177
Ion Ratio	Lower	Upper	
180	100		
182	94.8	47.3	141.8
145	31.2	15.4	46.2

