

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016691.D
 Acq On : 19 Dec 2023 11:41
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 20 05:28:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	170738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	255537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	217703	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	103291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	30619	21.681	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	43.360%#		
35) Dibromofluoromethane	7.728	113	31007	20.602	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	41.200%#		
50) Toluene-d8	10.191	98	110335	20.243	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	40.480%#		
62) 4-Bromofluorobenzene	12.489	95	32480	20.958	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	41.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29490	22.306	ug/l	99
3) Chloromethane	2.119	50	52675	20.824	ug/l	100
4) Vinyl Chloride	2.259	62	66828	20.266	ug/l	98
5) Bromomethane	2.656	94	61280	21.418	ug/l	97
6) Chloroethane	2.802	64	53656	21.739	ug/l	97
7) Trichlorofluoromethane	3.131	101	60735	21.014	ug/l	100
8) Diethyl Ether	3.540	74	16880	21.818	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.918	101	32734	20.875	ug/l	97
10) Methyl Iodide	4.100	142	36588	20.546	ug/l	97
11) Tert butyl alcohol	4.954	59	12608m	128.999	ug/l	
12) 1,1-Dichloroethene	3.881	96	28983	20.379	ug/l	99
13) Acrolein	3.741	56	11275	149.807	ug/l	97
14) Allyl chloride	4.485	41	36255	20.416	ug/l	90
15) Acrylonitrile	5.173	53	34024	109.845	ug/l	96
16) Acetone	3.954	43	41850m	128.603	ug/l	
17) Carbon Disulfide	4.204	76	75902	19.941	ug/l	100
18) Methyl Acetate	4.491	43	25597	20.918	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	72890	21.216	ug/l	95
20) Methylene Chloride	4.722	84	36277	20.523	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	32598	20.266	ug/l	92
22) Diisopropyl ether	6.124	45	85453	21.024	ug/l	92
23) Vinyl Acetate	6.070	43	216369	108.863	ug/l	99
24) 1,1-Dichloroethane	6.027	63	57972	20.711	ug/l	97
25) 2-Butanone	6.996	43	52858	128.265	ug/l	98
26) 2,2-Dichloropropane	6.996	77	49741	19.567	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	37346	20.542	ug/l	96
28) Bromochloromethane	7.344	49	22689	22.322	ug/l	91
29) Tetrahydrofuran	7.362	42	26569	116.203	ug/l	95
30) Chloroform	7.514	83	62373	20.769	ug/l	96
31) Cyclohexane	7.795	56	45827	19.826	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	53744	20.154	ug/l	96
36) 1,1-Dichloropropene	7.929	75	46279	20.328	ug/l	96
37) Ethyl Acetate	7.082	43	19296	22.130	ug/l	95
38) Carbon Tetrachloride	7.911	117	48242	19.639	ug/l	94
39) Methylcyclohexane	9.191	83	49500	18.885	ug/l	97
40) Benzene	8.167	78	130709	19.983	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	9729m	21.009	ug/l	
42) 1,2-Dichloroethane	8.246	62	39347	21.259	ug/l	95
43) Isopropyl Acetate	8.283	43	36618	21.865	ug/l #	77
44) Trichloroethene	8.947	130	34736	19.298	ug/l	96
45) 1,2-Dichloropropane	9.221	63	31769	20.321	ug/l	99
46) Dibromomethane	9.319	93	18554	21.016	ug/l	95
47) Bromodichloromethane	9.502	83	46434	20.144	ug/l	95
48) Methyl methacrylate	9.301	41	18524	20.387	ug/l #	87
49) 1,4-Dioxane	9.313	88	3380	415.825	ug/l #	87
51) 4-Methyl-2-Pentanone	10.075	43	92851	108.022	ug/l	95
52) Toluene	10.252	92	79542	19.875	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	41520	20.116	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	49347	20.178	ug/l #	90
55) 1,1,2-Trichloroethane	10.654	97	25441	20.861	ug/l	98
56) Ethyl methacrylate	10.520	69	20206	20.361	ug/l #	90
57) 1,3-Dichloropropane	10.800	76	41643	20.694	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	66394	109.048	ug/l	95
59) 2-Hexanone	10.843	43	71846	114.725	ug/l	95
60) Dibromochloromethane	10.996	129	30294	20.459	ug/l	96
61) 1,2-Dibromoethane	11.099	107	22795	20.754	ug/l	99
64) Tetrachloroethene	10.727	164	29820	19.858	ug/l	97
65) Chlorobenzene	11.526	112	85420	19.813	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	32804	19.640	ug/l	99
67) Ethyl Benzene	11.599	91	148536	19.285	ug/l	99
68) m/p-Xylenes	11.715	106	112636	38.580	ug/l	98
69) o-Xylene	12.038	106	52017	19.503	ug/l	99
70) Styrene	12.056	104	75688	19.654	ug/l	99
71) Bromoform	12.215	173	18052	20.867	ug/l #	98
73) Isopropylbenzene	12.337	105	141182	19.768	ug/l	99
74) N-amyl acetate	12.154	43	26833	20.764	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	27861	20.966	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	18406m	20.500	ug/l	
77) Bromobenzene	12.617	156	34361	19.954	ug/l	98
78) n-propylbenzene	12.678	91	167879	19.828	ug/l	99
79) 2-Chlorotoluene	12.764	91	91013	20.068	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	111207	19.871	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.392	75	8075	20.635	ug/l #	85
82) 4-Chlorotoluene	12.861	91	93986	20.041	ug/l	99
83) tert-Butylbenzene	13.087	119	101447	20.145	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	110453	19.689	ug/l	100
85) sec-Butylbenzene	13.263	105	144341	19.875	ug/l	100
86) p-Isopropyltoluene	13.379	119	120151	18.924	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	64911	19.049	ug/l	97
88) 1,4-Dichlorobenzene	13.459	146	64443	19.740	ug/l	99
89) n-Butylbenzene	13.702	91	112470	19.378	ug/l	97
90) Hexachloroethane	13.971	117	24093	19.040	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	56753	20.272	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3674	21.086	ug/l	96
93) 1,2,4-Trichlorobenzene	15.013	180	32115	19.191	ug/l	97
94) Hexachlorobutadiene	15.117	225	20229	19.126	ug/l	99
95) Naphthalene	15.245	128	53564	19.996	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	28031	19.804	ug/l	98

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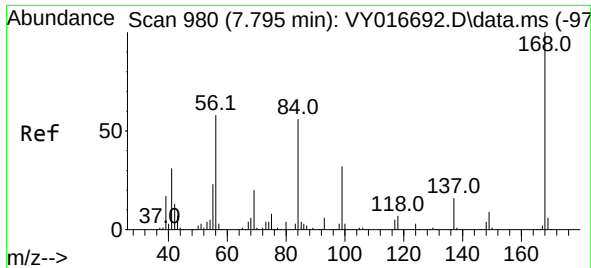
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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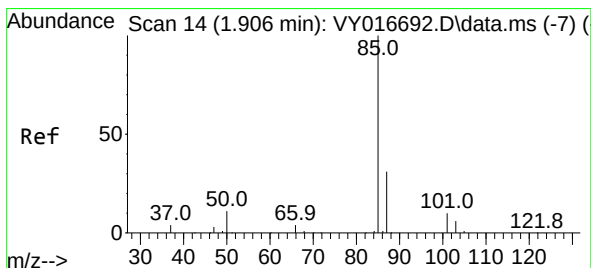
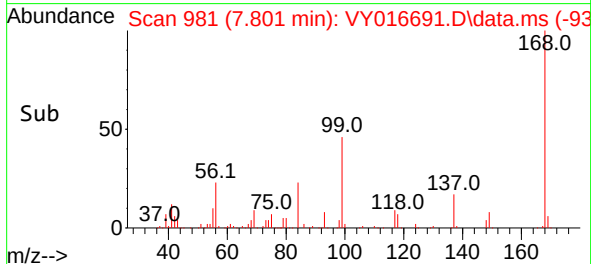
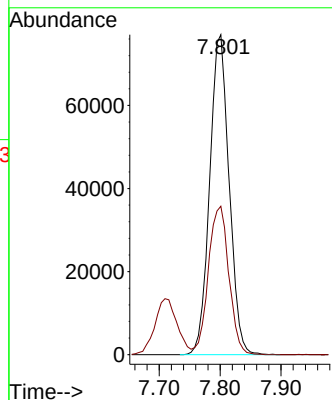
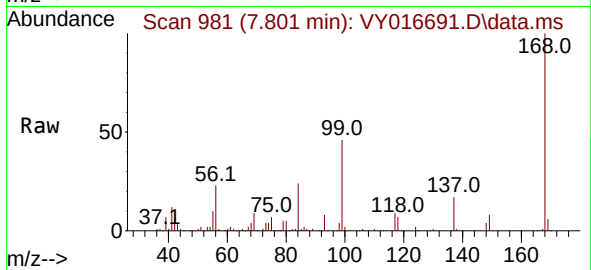
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
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Tgt Ion:168 Resp: 170738
Ion Ratio Lower Upper
168 100
99 46.4 40.2 60.4

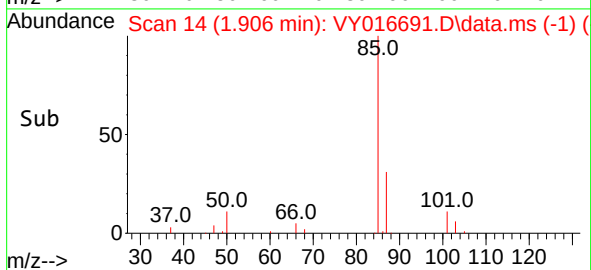
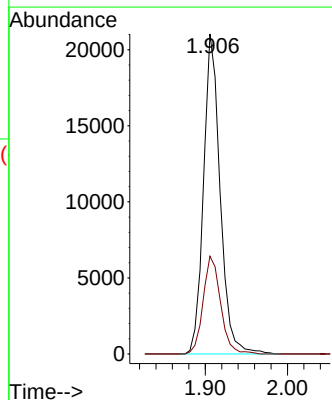
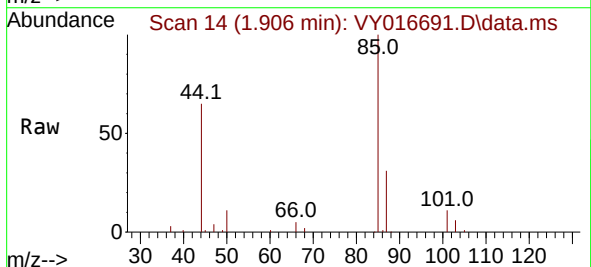
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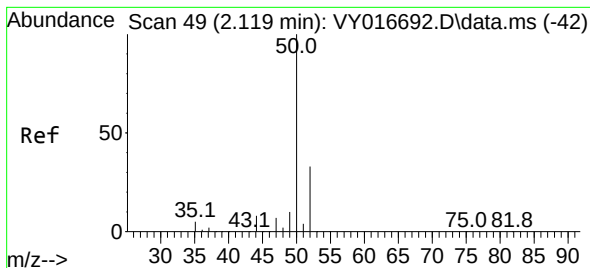
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#2
Dichlorodifluoromethane
Concen: 22.306 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

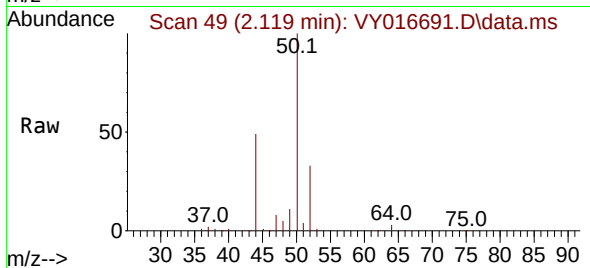
Tgt Ion: 85 Resp: 29490
Ion Ratio Lower Upper
85 100
87 30.6 15.6 46.8





#3
Chloromethane
Concen: 20.824 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

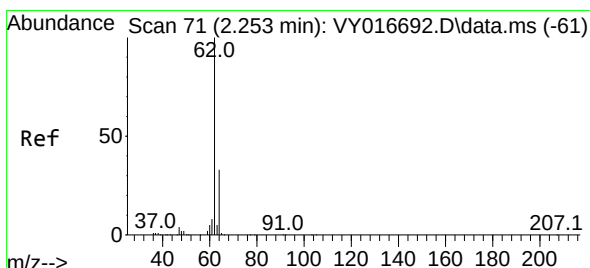
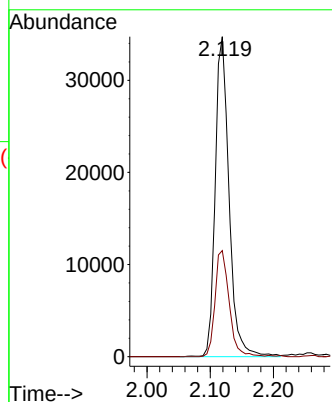
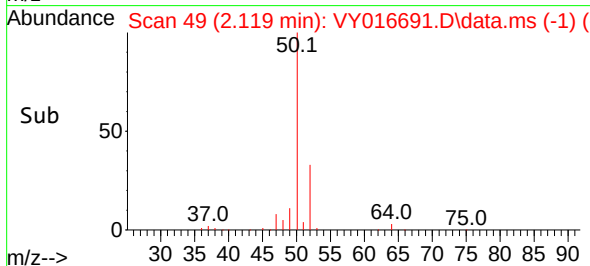
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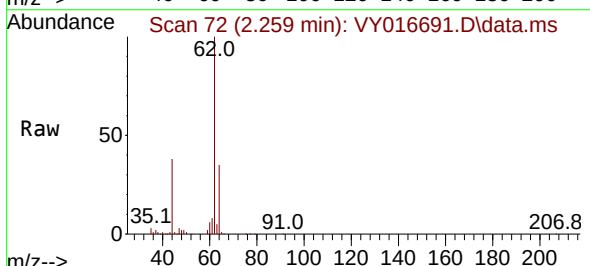
Tgt Ion: 50 Resp: 52679
Ion Ratio Lower Upper
50 100
52 33.2 26.6 40.0

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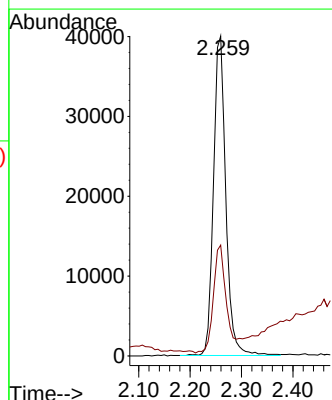
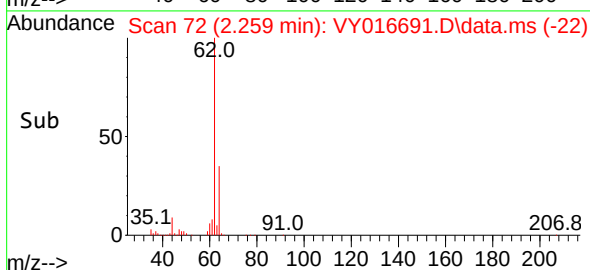
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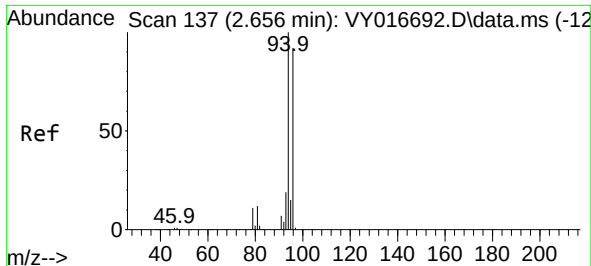


#4
Vinyl Chloride
Concen: 20.266 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41



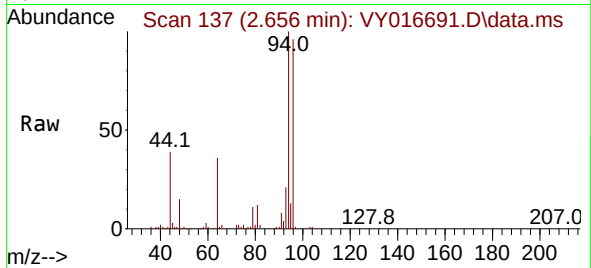
Tgt Ion: 62 Resp: 66828
Ion Ratio Lower Upper
62 100
64 33.1 25.4 38.2





#5
Bromomethane
Concen: 21.418 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

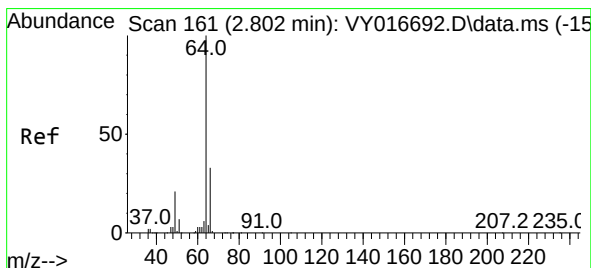
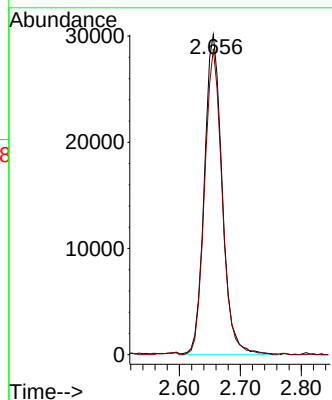
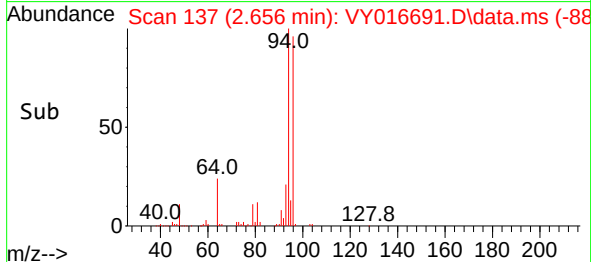
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Tgt Ion: 94 Resp: 61280
Ion Ratio Lower Upper
94 100
96 95.6 74.0 111.0

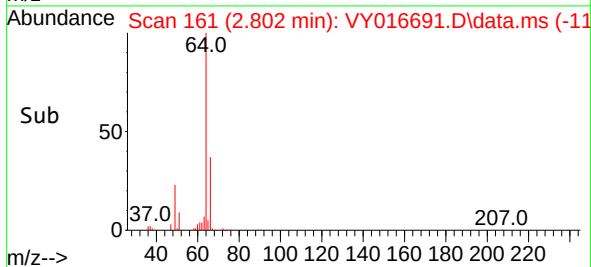
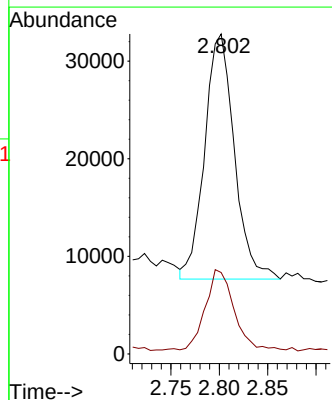
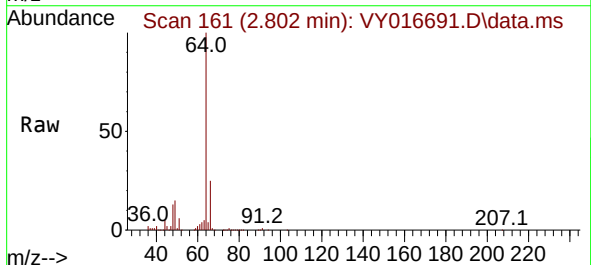
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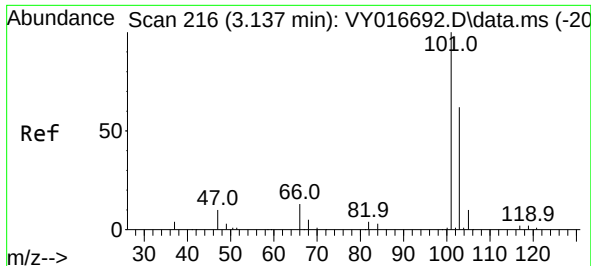
Reviewed By :Mahesh Dadoda 12/20/2023
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#6
Chloroethane
Concen: 21.739 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016691.D
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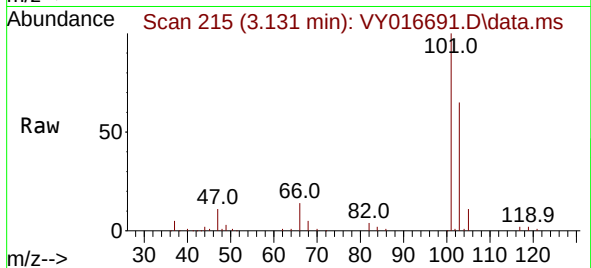
Tgt Ion: 64 Resp: 53656
Ion Ratio Lower Upper
64 100
66 31.5 24.0 36.0





#7
Trichlorofluoromethane
Concen: 21.014 ug/l
RT: 3.131 min Scan# 216
Delta R.T. -0.006 min
Lab File: VY016691.D
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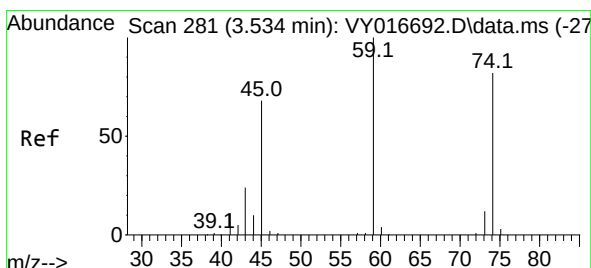
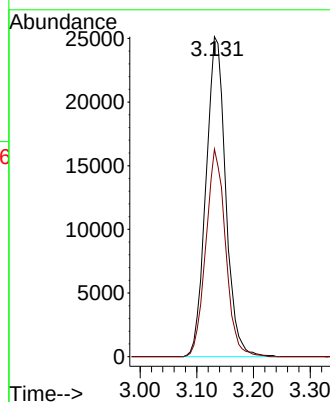
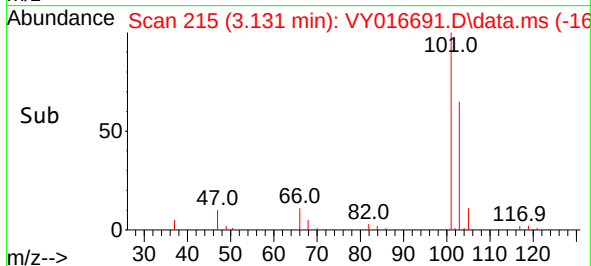
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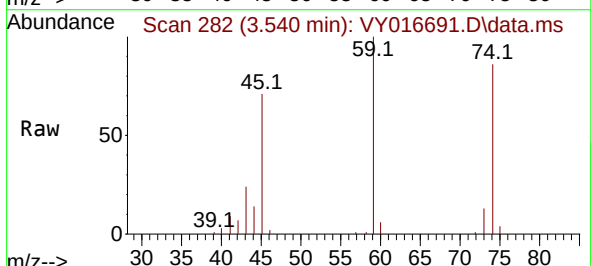
Tgt Ion:101 Resp: 60735
Ion Ratio Lower Upper
101 100
103 64.9 51.7 77.5

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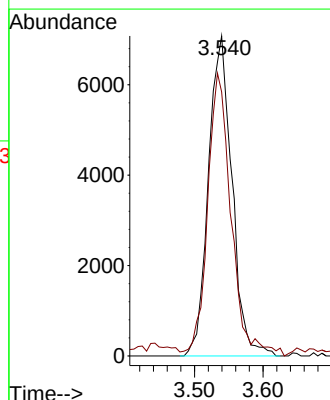
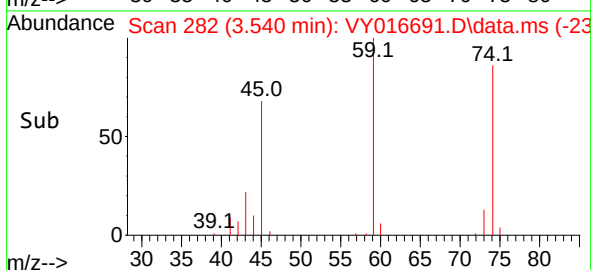
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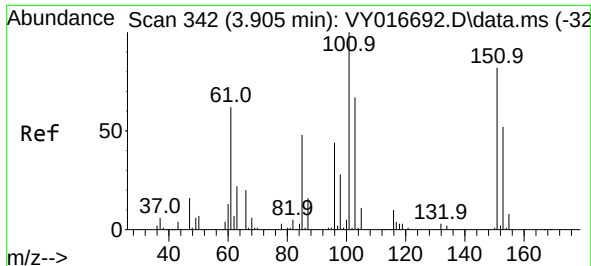


#8
Diethyl Ether
Concen: 21.818 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
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Acq: 19 Dec 2023 11:41



Tgt Ion: 74 Resp: 16880
Ion Ratio Lower Upper
74 100
45 88.5 44.3 132.9





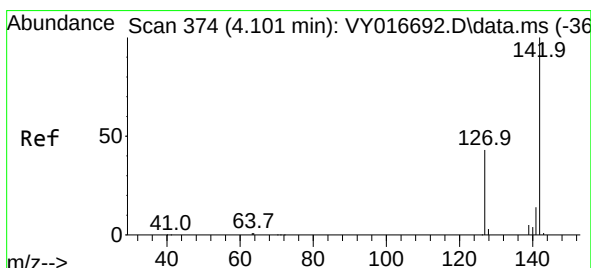
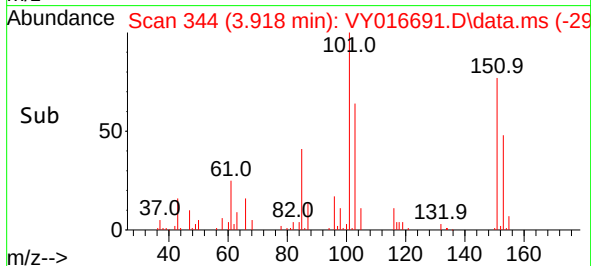
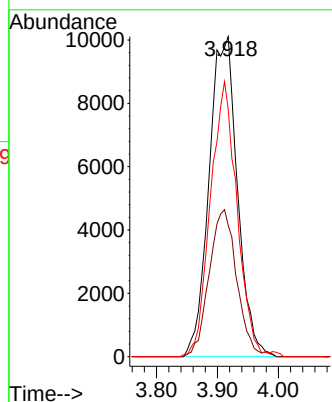
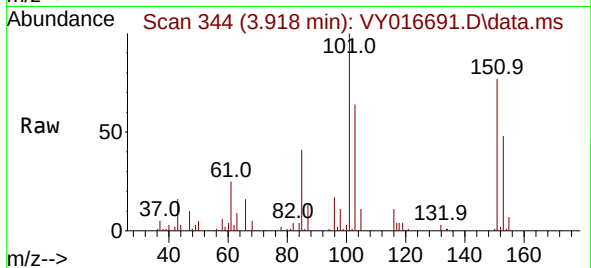
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.875 ug/l
RT: 3.918 min Scan# 34
Delta R.T. 0.012 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 32734
Ion Ratio Lower Upper
101 100
85 44.7 35.0 52.4
151 80.1 61.0 91.4

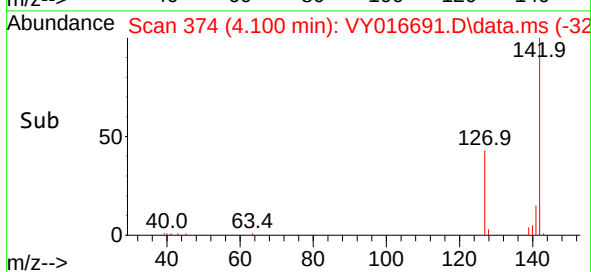
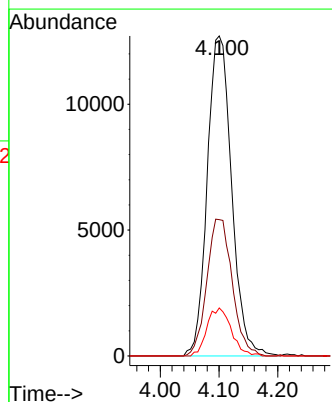
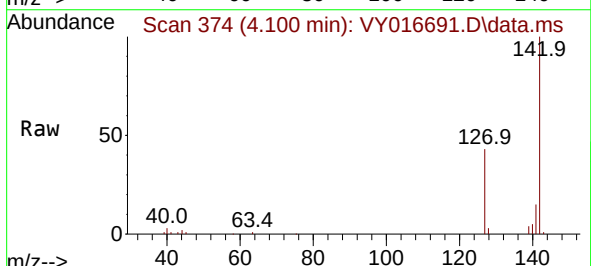
Manual Integrations
APPROVED

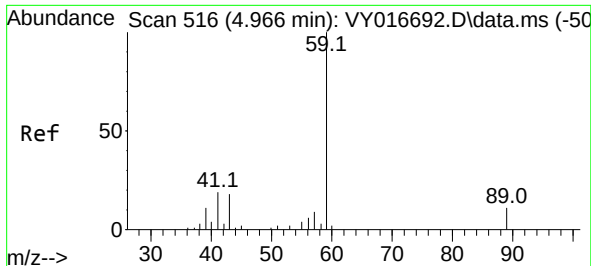
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#10
Methyl Iodide
Concen: 20.546 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:142 Resp: 36588
Ion Ratio Lower Upper
142 100
127 44.5 33.6 50.4
141 15.0 12.0 18.0





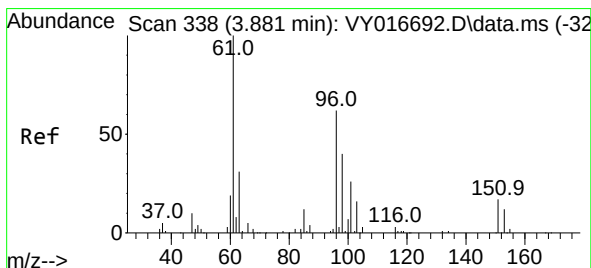
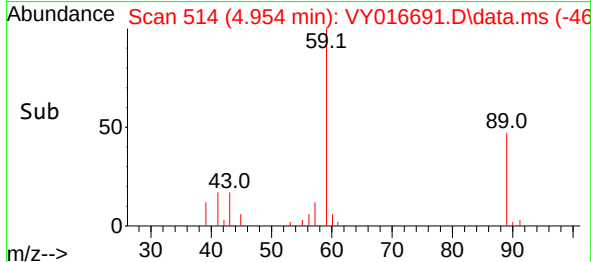
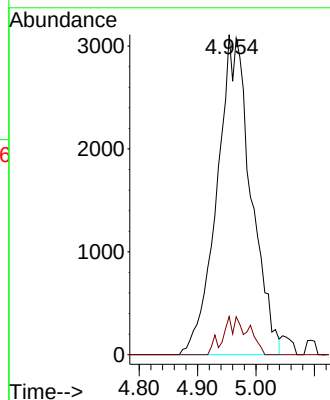
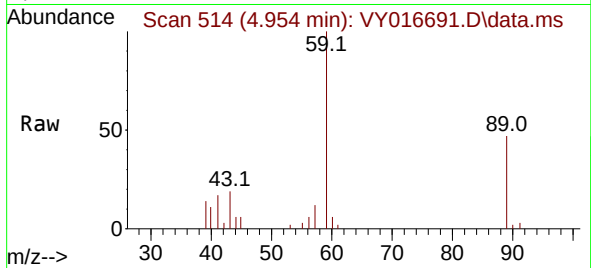
#11
Tert butyl alcohol
Concen: 128.999 ug/l m
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 12608
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9

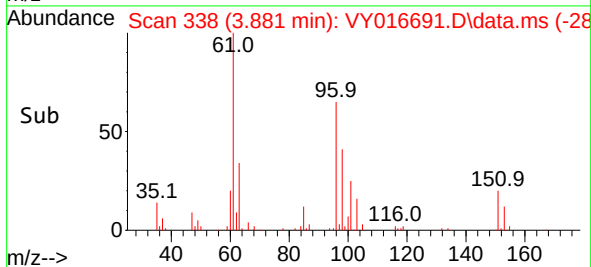
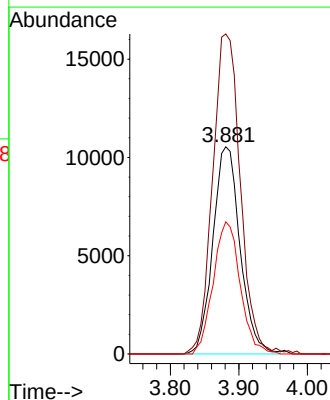
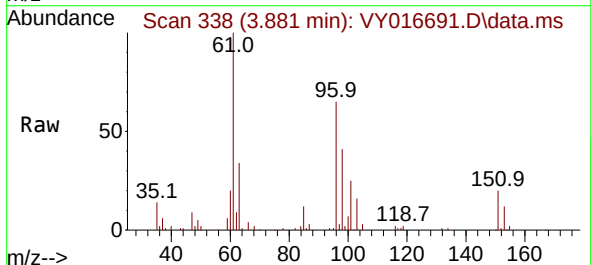
Manual Integrations
APPROVED

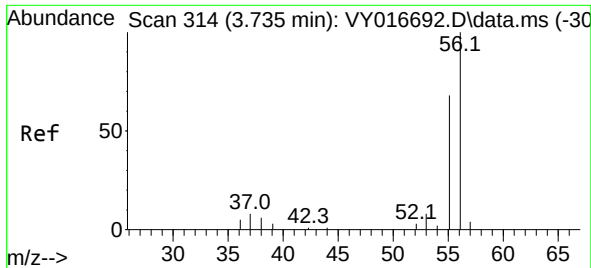
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#12
1,1-Dichloroethene
Concen: 20.379 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

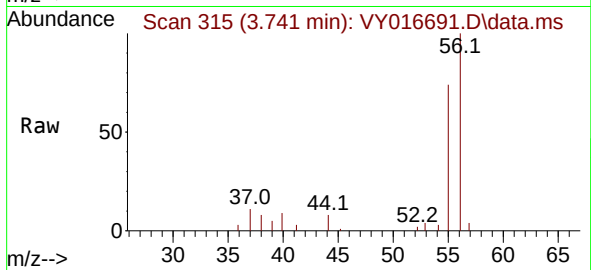
Tgt Ion: 96 Resp: 28983
Ion Ratio Lower Upper
96 100
61 154.5 123.9 185.9
98 63.8 50.1 75.1





#13
Acrolein
Concen: 149.807 ug/l
RT: 3.741 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

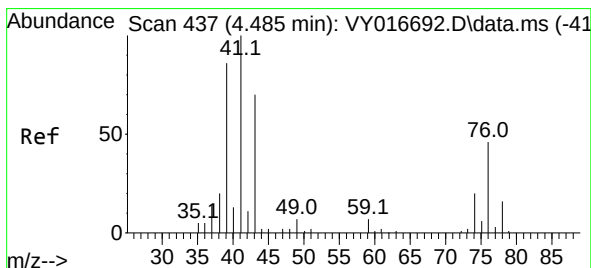
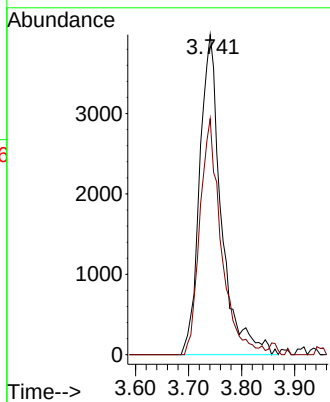
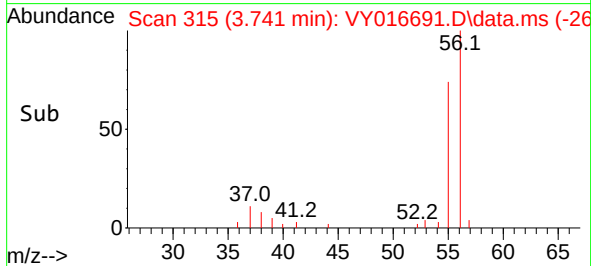
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 56 Resp: 1127
Ion Ratio Lower Upper
56 100
55 72.8 56.5 84.7

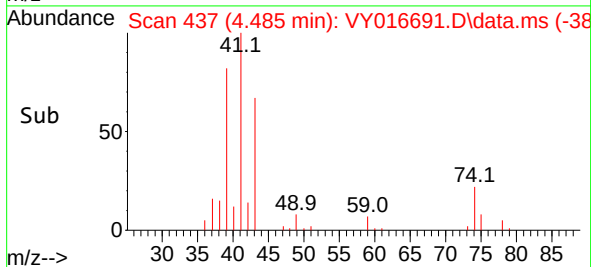
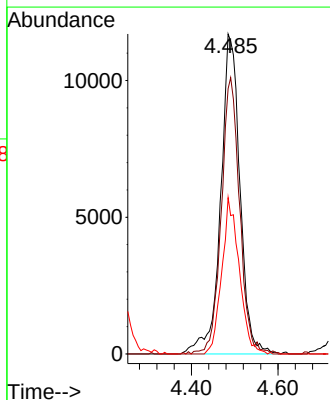
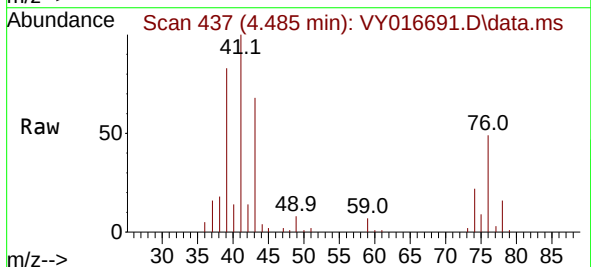
Manual Integrations
APPROVED

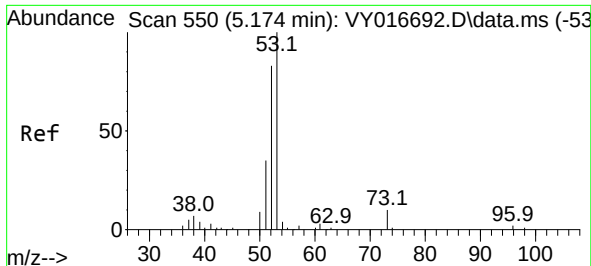
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#14
Allyl chloride
Concen: 20.416 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 41 Resp: 36255
Ion Ratio Lower Upper
41 100
39 82.4 56.4 84.6
76 44.3 34.3 51.5





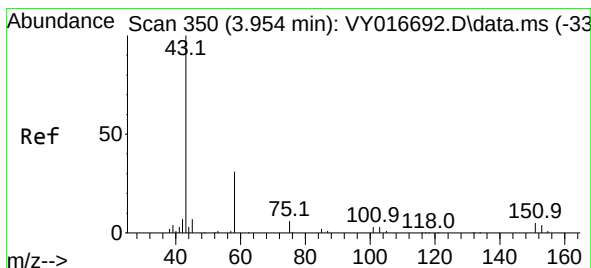
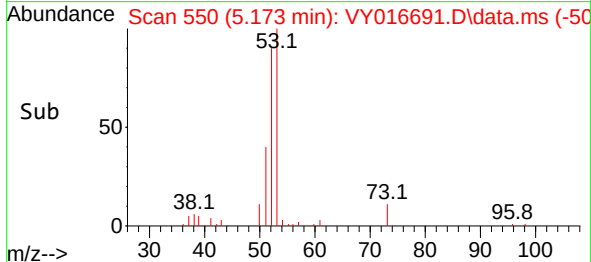
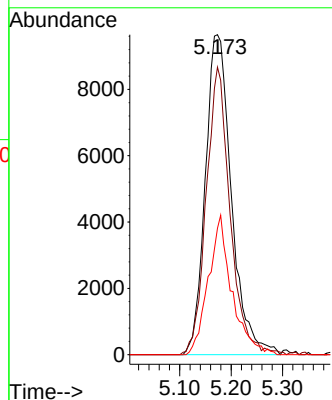
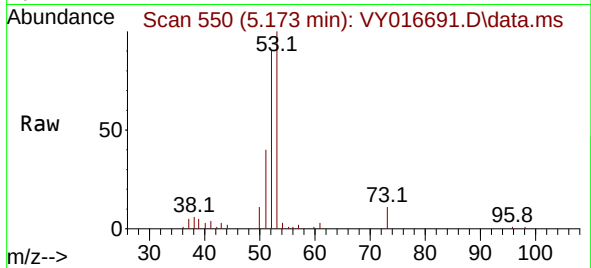
#15
Acrylonitrile
Concen: 109.845 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 53 Resp: 34024
Ion Ratio Lower Upper
53 100
52 82.4 64.3 96.5
51 39.3 28.3 42.5

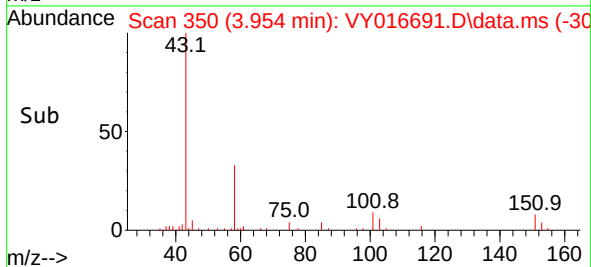
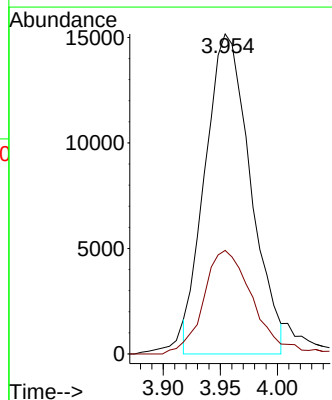
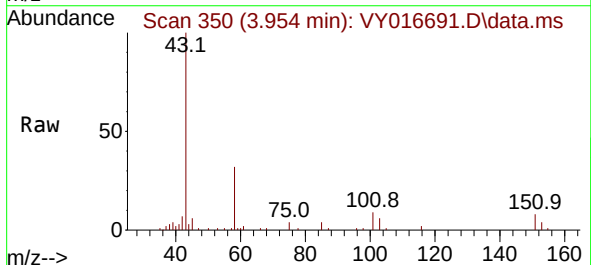
Manual Integrations
APPROVED

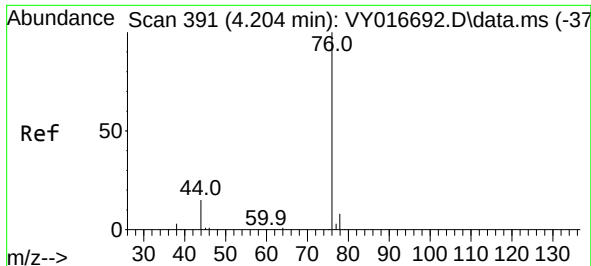
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#16
Acetone
Concen: 128.603 ug/l m
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

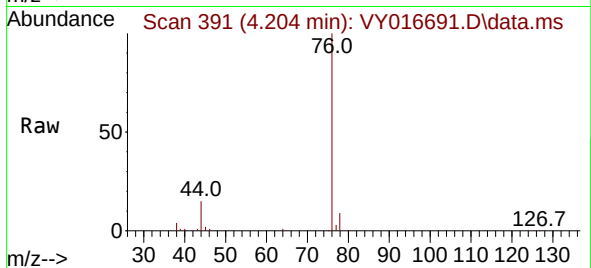
Tgt Ion: 43 Resp: 41850
Ion Ratio Lower Upper
43 100
58 32.4 29.0 43.4





#17
Carbon Disulfide
Concen: 19.941 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

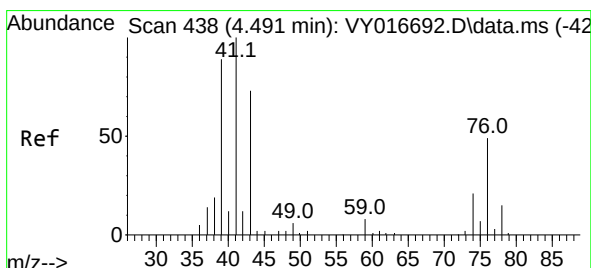
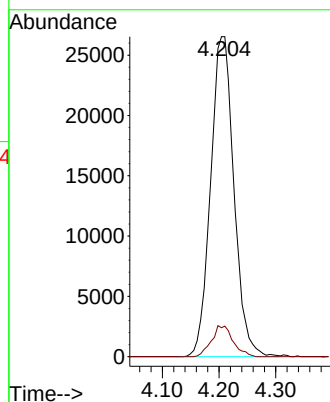
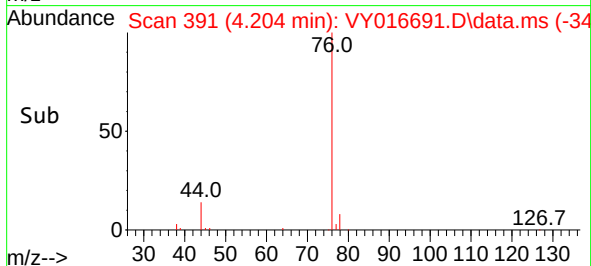
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 75902
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

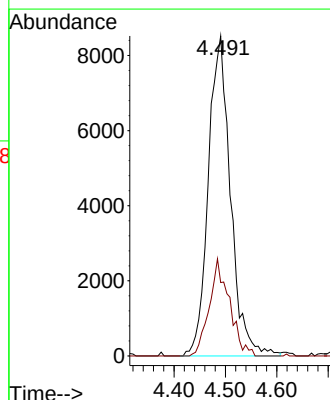
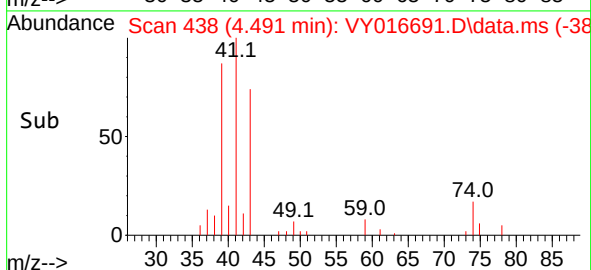
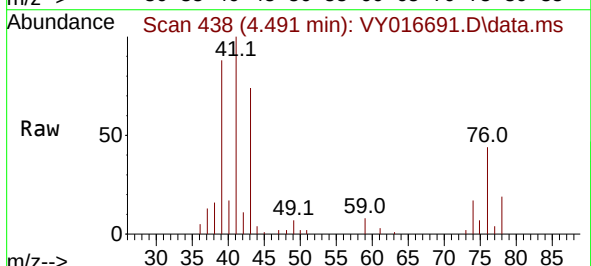
Manual Integrations
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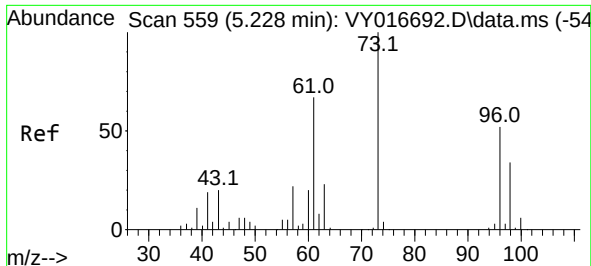
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#18
Methyl Acetate
Concen: 20.918 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 43 Resp: 25597
Ion Ratio Lower Upper
43 100
74 27.6 22.1 33.1





#19

Methyl tert-butyl Ether

Concen: 21.216 ug/l

RT: 5.234 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 73 Resp: 72890

Ion Ratio Lower Upper

73 100

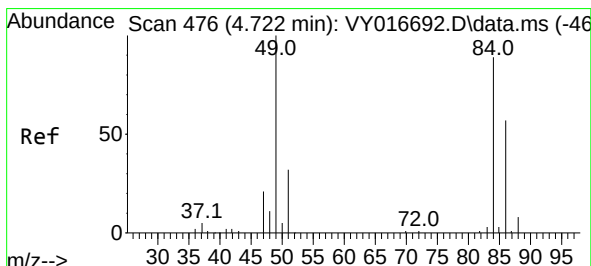
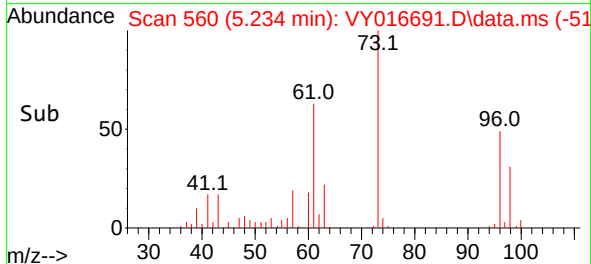
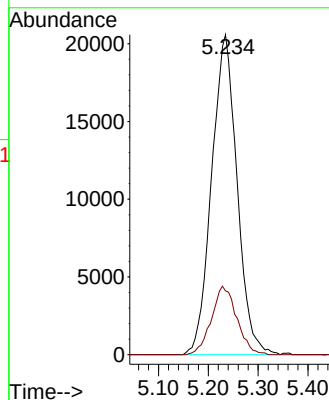
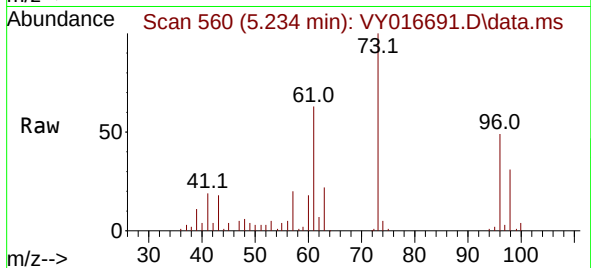
57 19.9 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#20

Methylene Chloride

Concen: 20.523 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Tgt Ion: 84 Resp: 36277

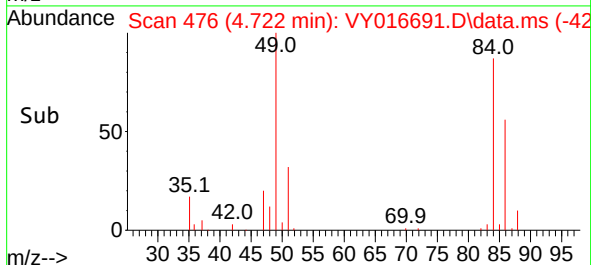
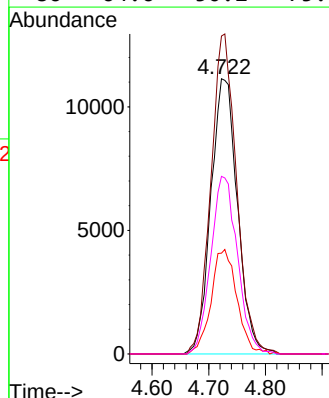
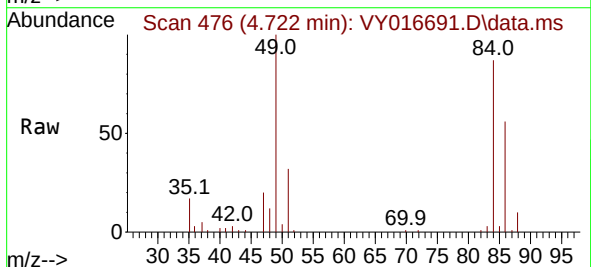
Ion Ratio Lower Upper

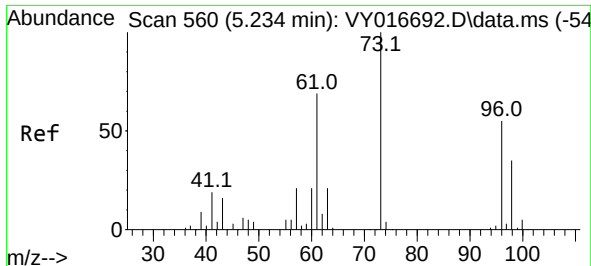
84 100

49 115.5 83.8 125.8

51 36.6 27.2 40.8

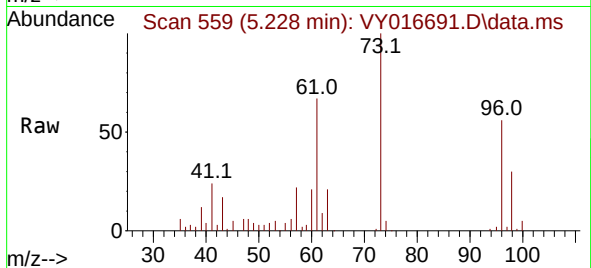
86 64.6 50.2 75.4





#21
trans-1,2-Dichloroethene
Concen: 20.266 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

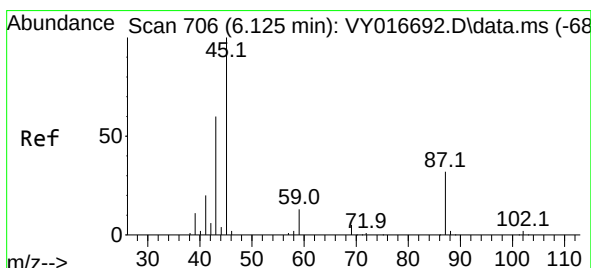
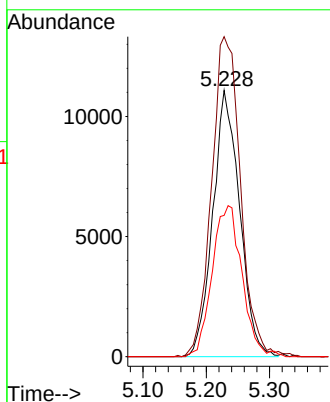
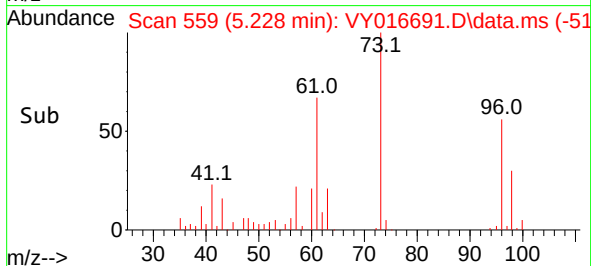
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



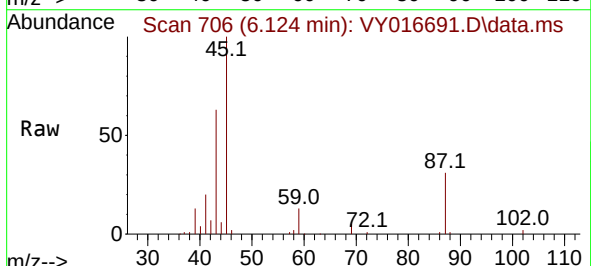
Tgt Ion: 96 Resp: 32598
Ion Ratio Lower Upper
96 100
61 119.7 100.0 150.0
98 53.1 52.2 78.2

Manual Integrations
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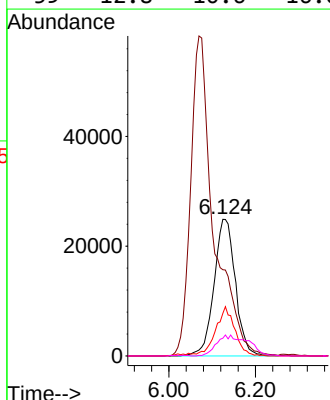
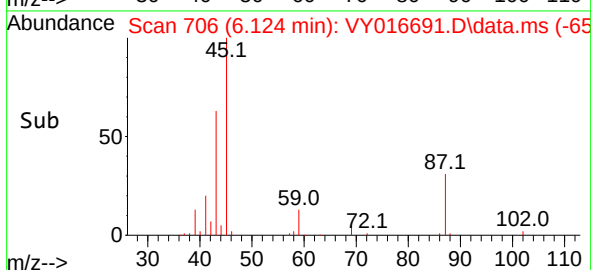
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

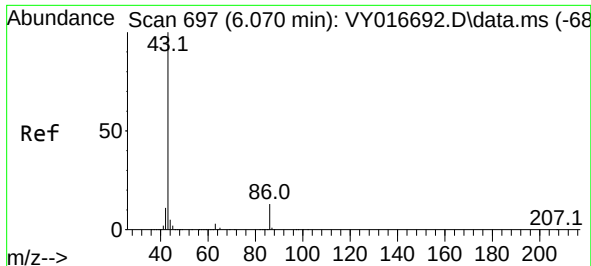


#22
Diisopropyl ether
Concen: 21.024 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41



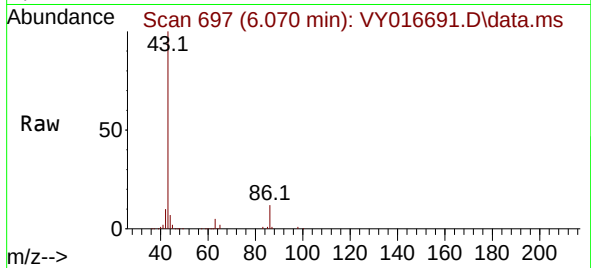
Tgt Ion: 45 Resp: 85453
Ion Ratio Lower Upper
45 100
43 62.7 42.4 63.6
87 31.1 25.0 37.4
59 12.8 10.6 16.0





#23
 Vinyl Acetate
 Concen: 108.863 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016691.D
 Acq: 19 Dec 2023 11:41

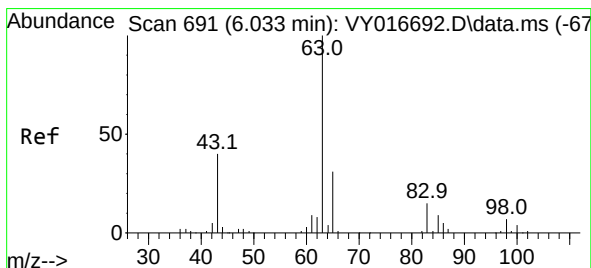
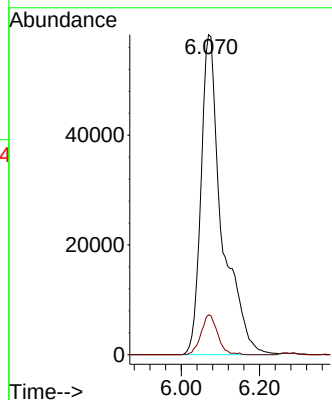
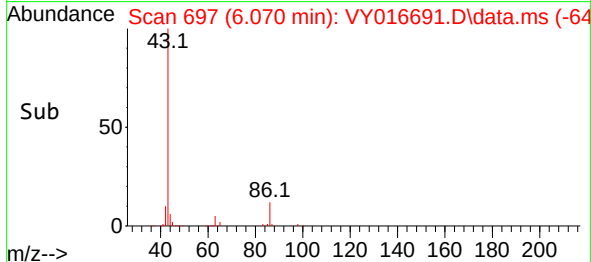
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020



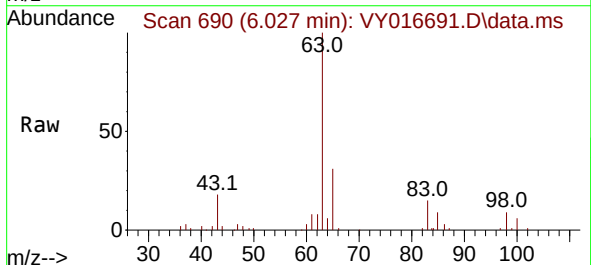
Tgt Ion: 43 Resp: 21636
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.3 15.5

Manual Integrations
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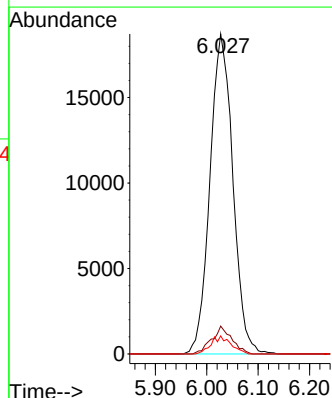
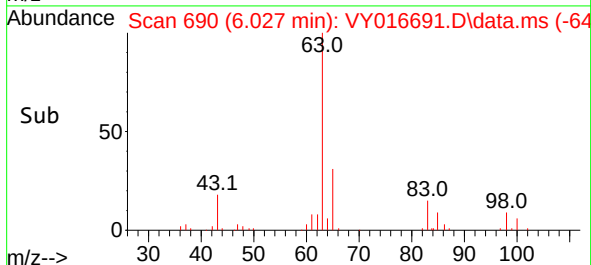
Reviewed By :Mahesh Dadoda 12/20/2023
 Supervised By :Semsettin Yesilyurt 12/20/2023

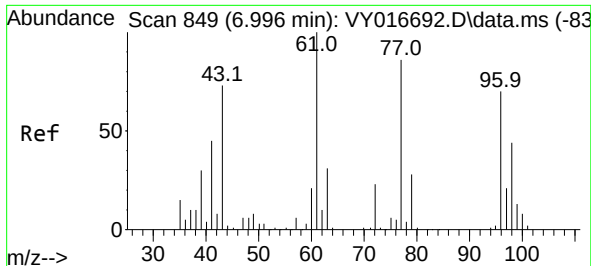


#24
 1,1-Dichloroethane
 Concen: 20.711 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016691.D
 Acq: 19 Dec 2023 11:41



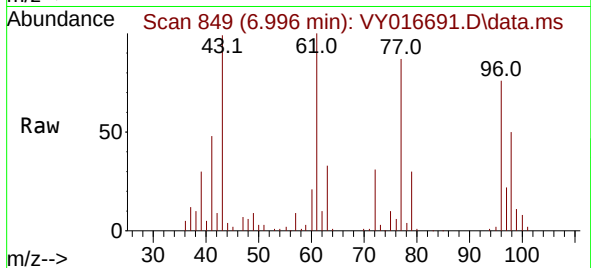
Tgt Ion: 63 Resp: 57972
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.8 11.2
 100 5.7 2.5 7.5





#25
2-Butanone
Concen: 128.265 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

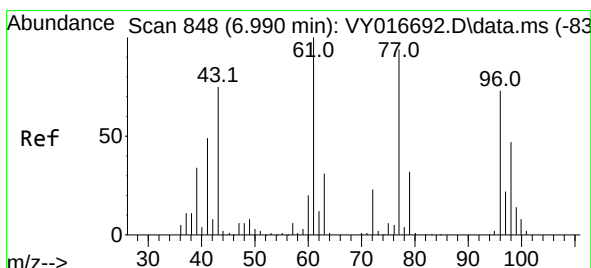
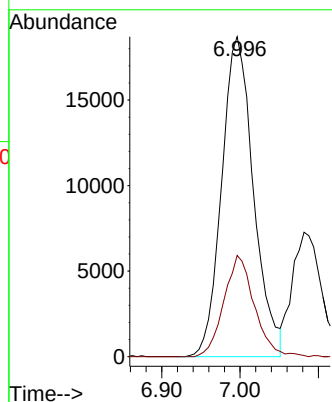
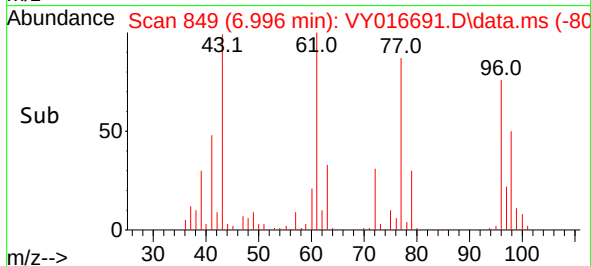
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



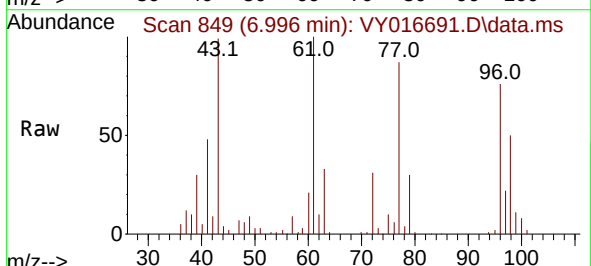
Tgt Ion: 43 Resp: 5285
Ion Ratio Lower Upper
43 100
72 31.6 26.3 39.5

Manual Integrations
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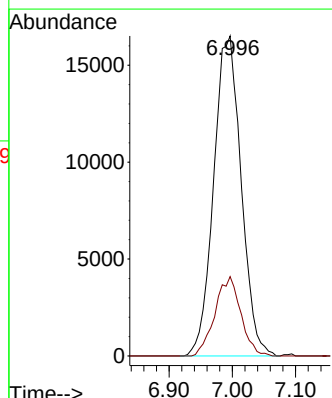
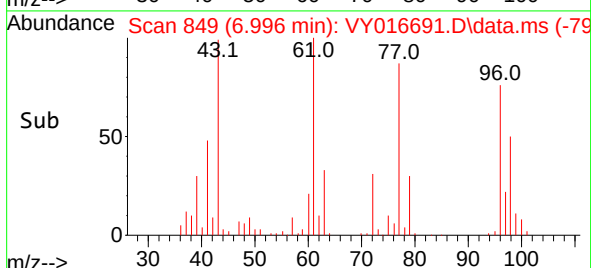
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023

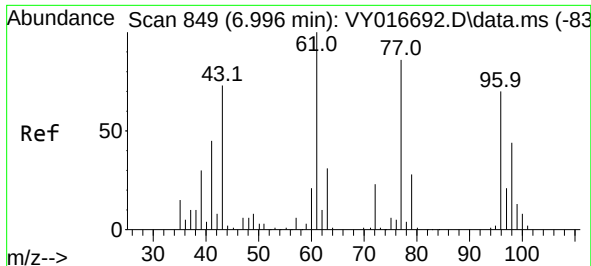


#26
2,2-Dichloropropane
Concen: 19.567 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41



Tgt Ion: 77 Resp: 49741
Ion Ratio Lower Upper
77 100
97 23.3 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 20.542 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 96 Resp: 37340

Ion Ratio Lower Upper

96 100

61 134.7 0.0 255.8

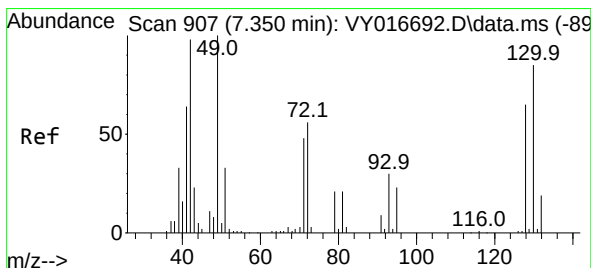
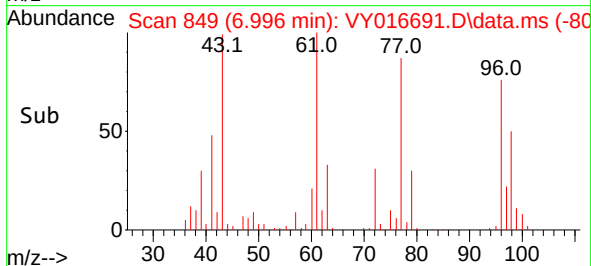
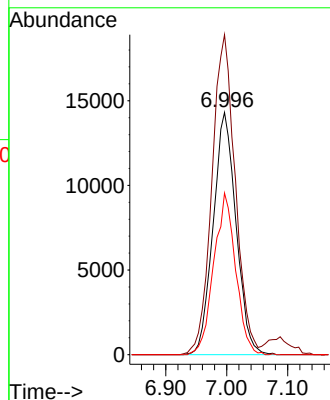
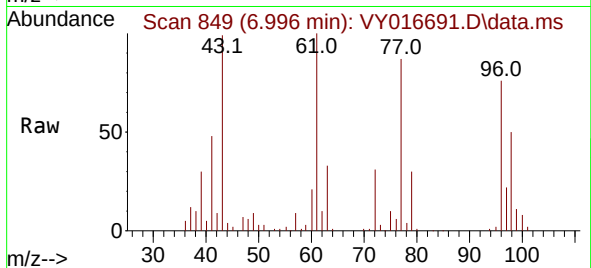
98 63.8 0.0 129.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#28

Bromochloromethane

Concen: 22.322 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

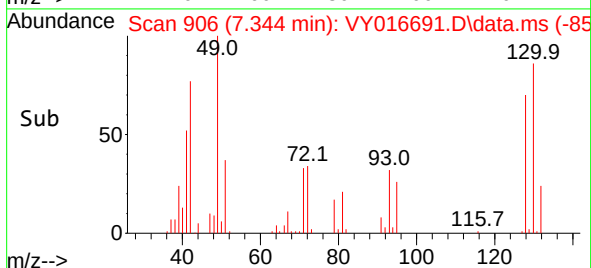
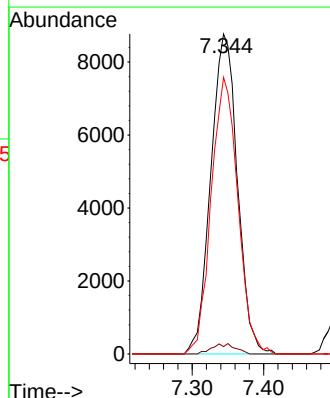
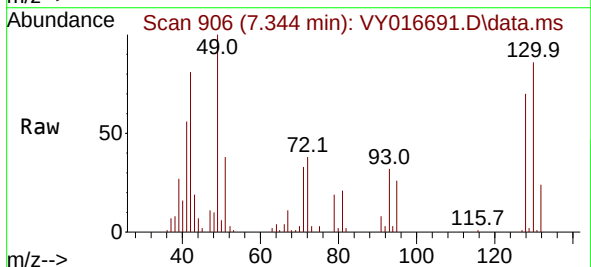
Tgt Ion: 49 Resp: 22689

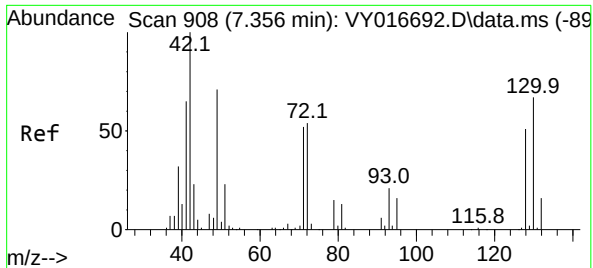
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.2

130 86.3 75.9 113.9





#29

Tetrahydrofuran

Concen: 116.203 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 42 Resp: 2656

Ion Ratio Lower Upper

42 100

72 48.1 40.3 60.5

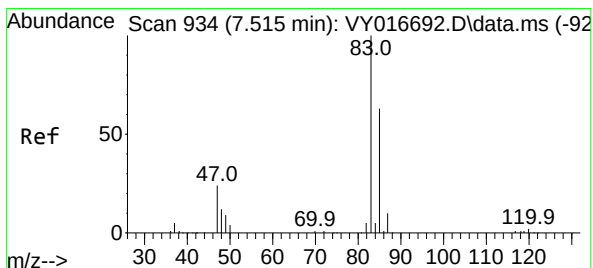
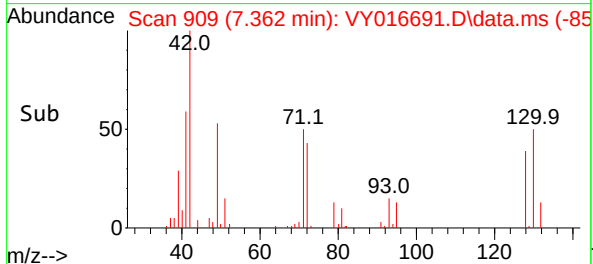
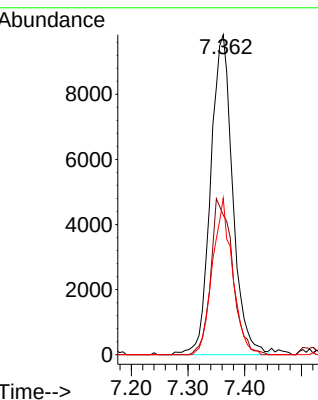
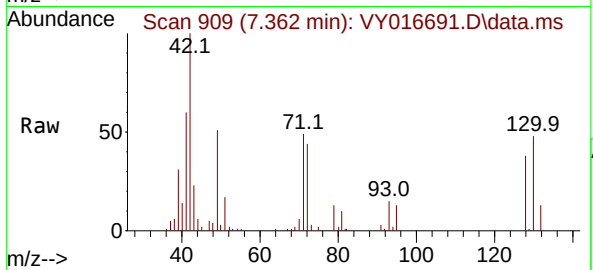
71 44.3 38.9 58.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#30

Chloroform

Concen: 20.769 ug/l

RT: 7.514 min Scan# 934

Delta R.T. -0.000 min

Lab File: VY016691.D

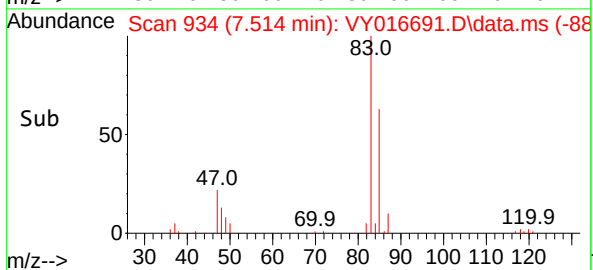
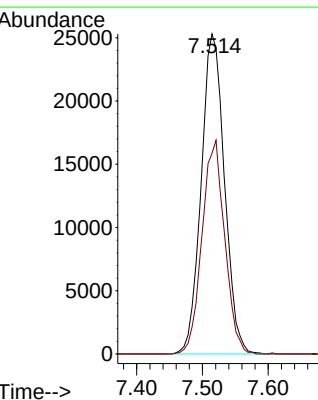
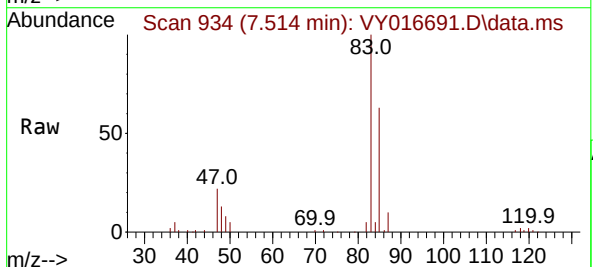
Acq: 19 Dec 2023 11:41

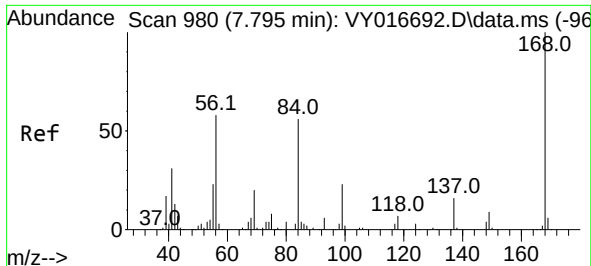
Tgt Ion: 83 Resp: 62373

Ion Ratio Lower Upper

83 100

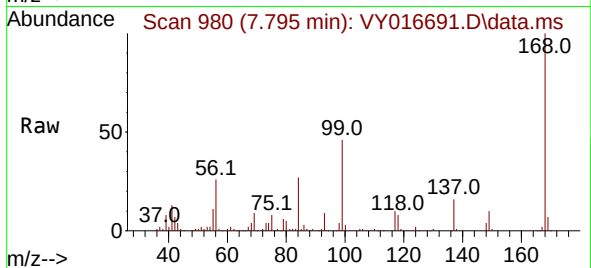
85 62.7 52.6 78.8





#31
Cyclohexane
Concen: 19.826 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

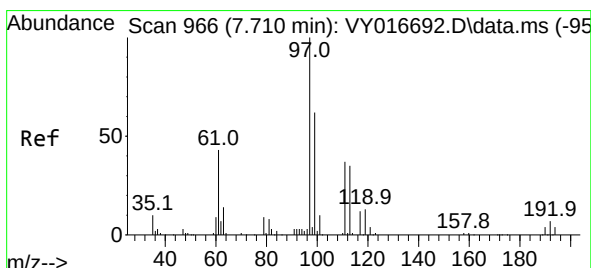
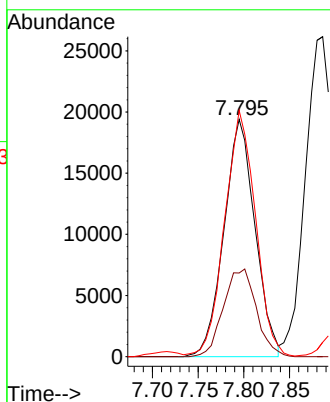
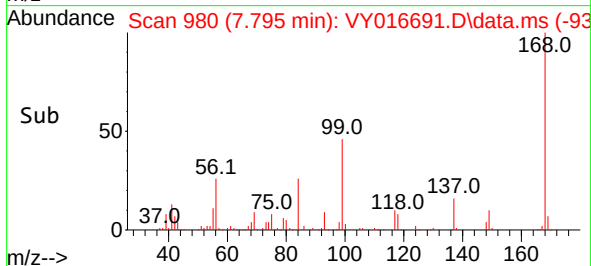
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 56 Resp: 4582
Ion Ratio Lower Upper
56 100
69 35.3 27.5 41.3
84 102.3 78.1 117.1

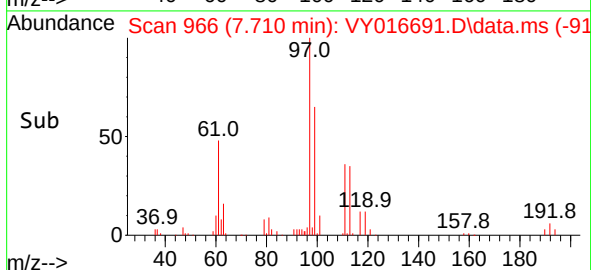
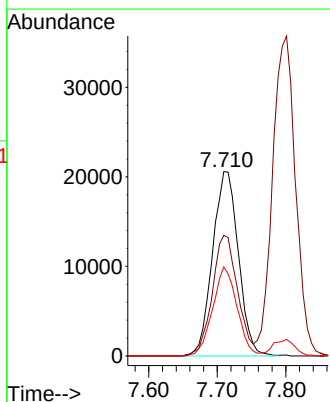
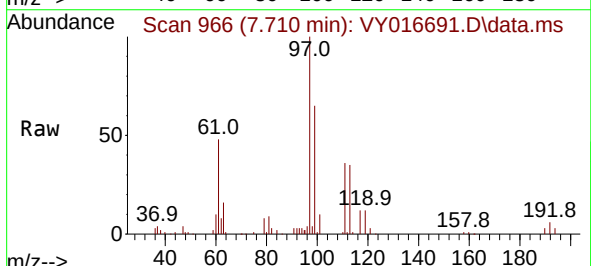
Manual Integrations
APPROVED

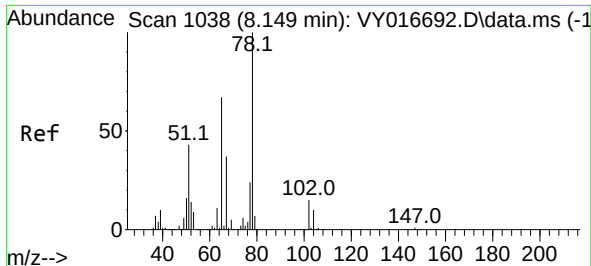
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#32
1,1,1-Trichloroethane
Concen: 20.154 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 97 Resp: 53744
Ion Ratio Lower Upper
97 100
99 64.0 51.4 77.0
61 45.4 31.6 47.4





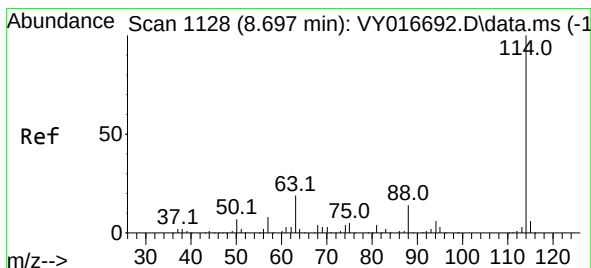
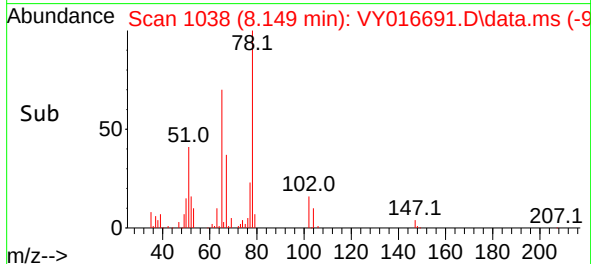
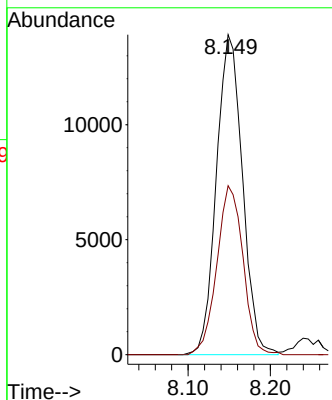
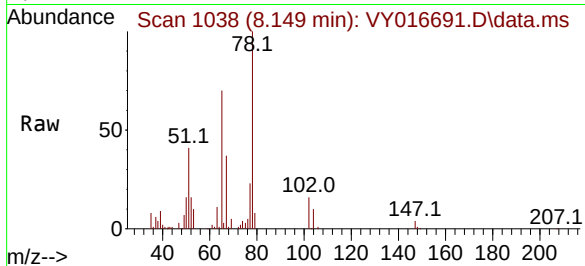
#33
1,2-Dichloroethane-d4
Concen: 21.681 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 30619
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.6

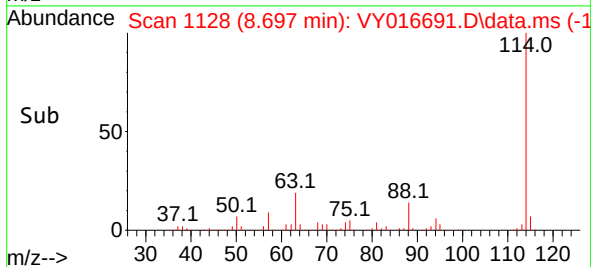
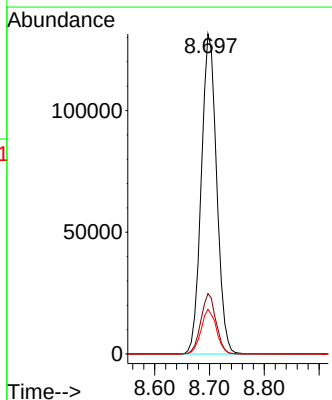
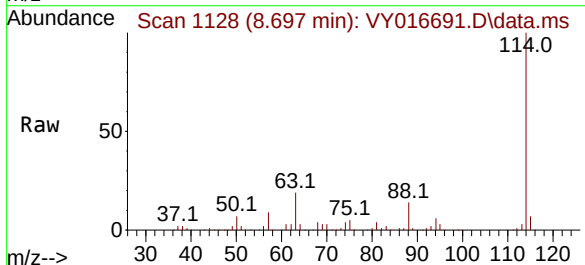
Manual Integrations
APPROVED

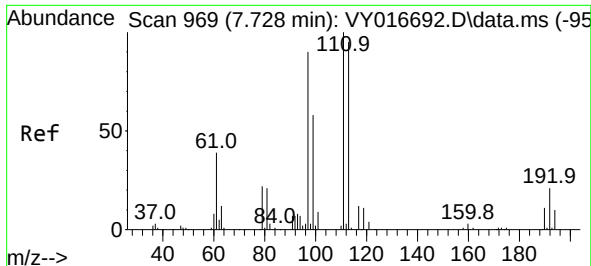
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:114 Resp: 255537
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.0
88 14.0 0.0 29.2





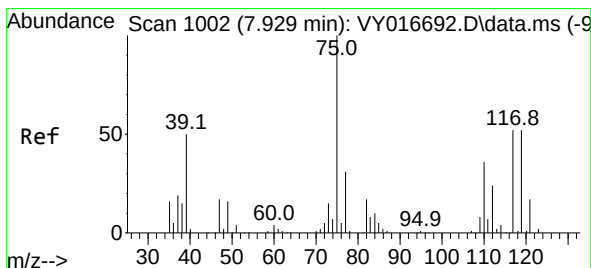
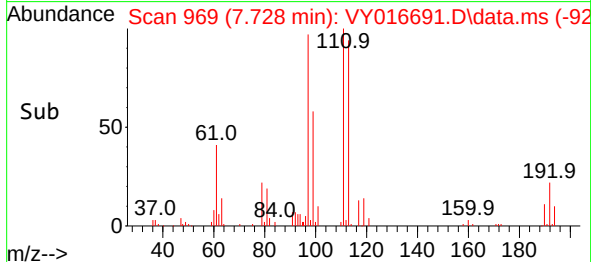
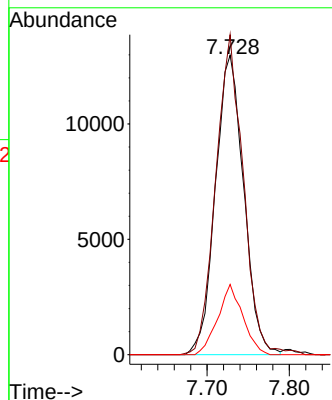
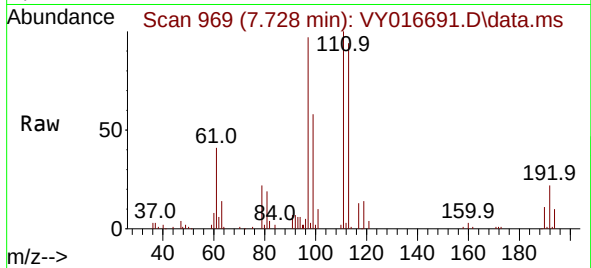
#35
Dibromofluoromethane
Concen: 20.602 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:113 Resp: 3100
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 20.8 16.2 24.4

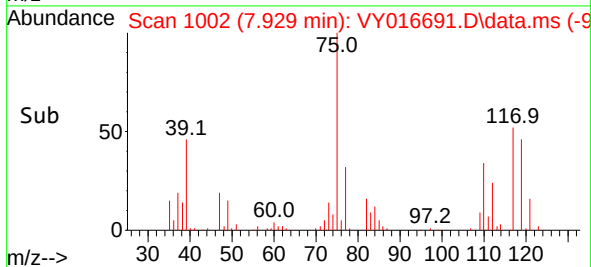
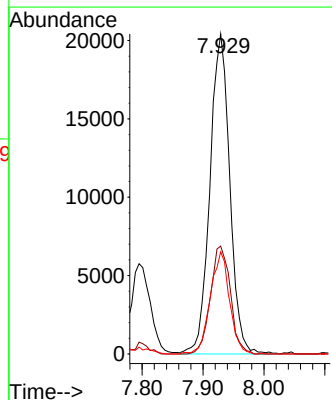
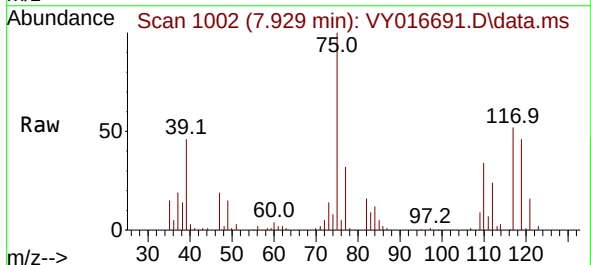
Manual Integrations
APPROVED

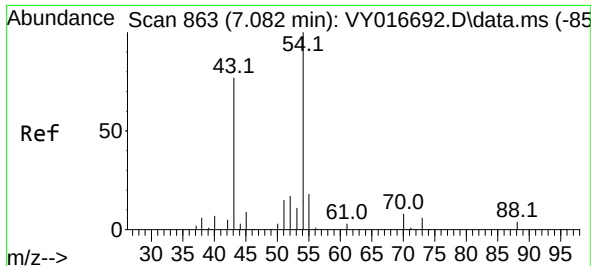
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#36
1,1-Dichloropropene
Concen: 20.328 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 75 Resp: 46279
Ion Ratio Lower Upper
75 100
110 33.7 18.9 56.9
77 30.9 25.3 37.9





#37

Ethyl Acetate

Concen: 22.130 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

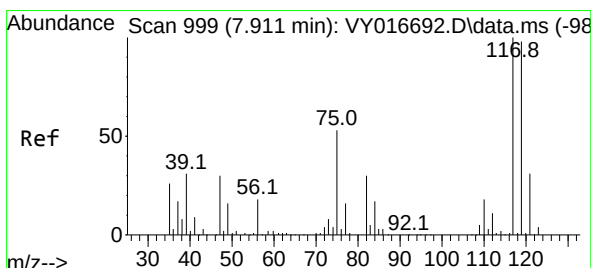
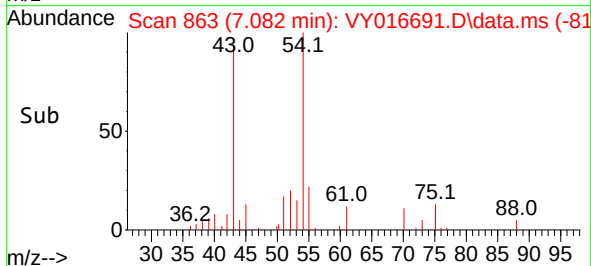
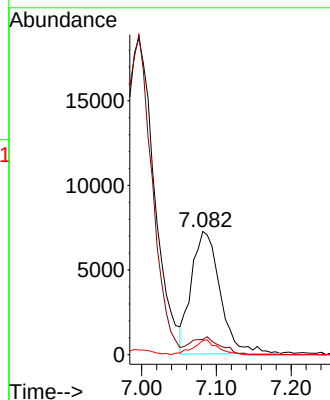
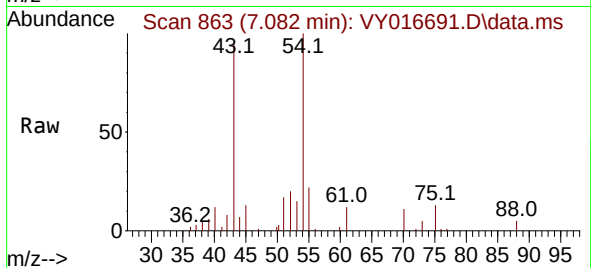
Tgt Ion: 43 Resp: 19290

Ion	Ratio	Lower	Upper
43	100		
61	14.0	13.0	19.4
70	10.3	9.9	14.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#38

Carbon Tetrachloride

Concen: 19.639 ug/l

RT: 7.911 min Scan# 999

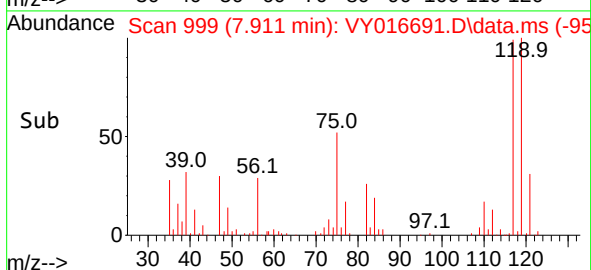
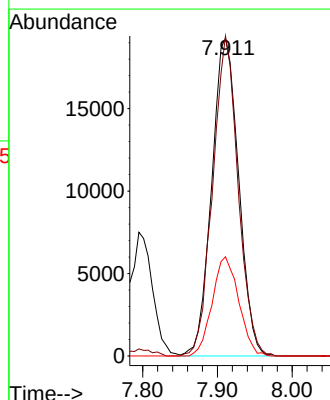
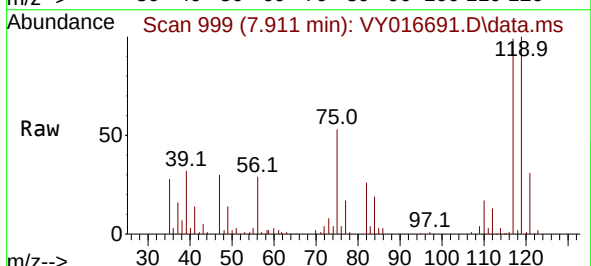
Delta R.T. -0.000 min

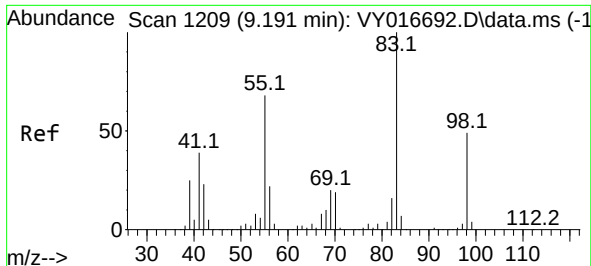
Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Tgt Ion:117 Resp: 48242

Ion	Ratio	Lower	Upper
117	100		
119	100.7	75.0	112.4
121	31.2	24.2	36.4





#39

Methylcyclohexane

Concen: 18.885 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 83 Resp: 49500

Ion Ratio Lower Upper

83 100

55 65.0 54.6 81.8

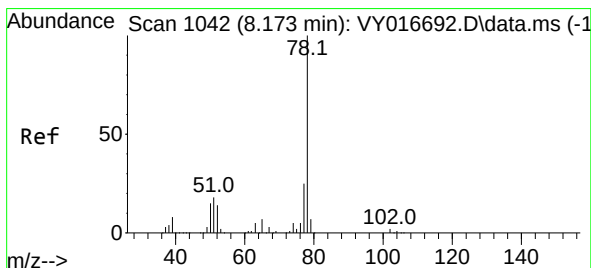
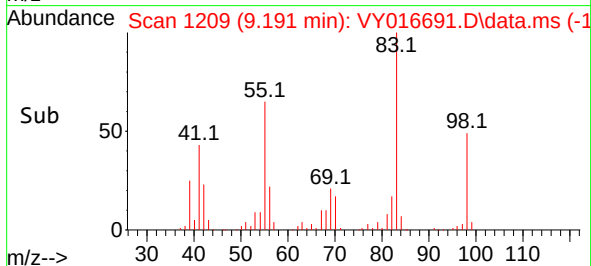
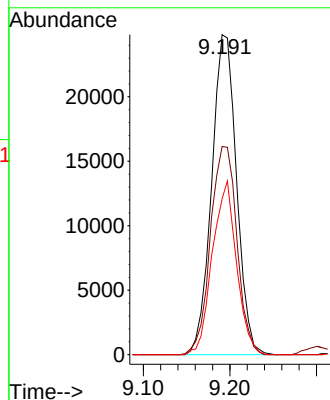
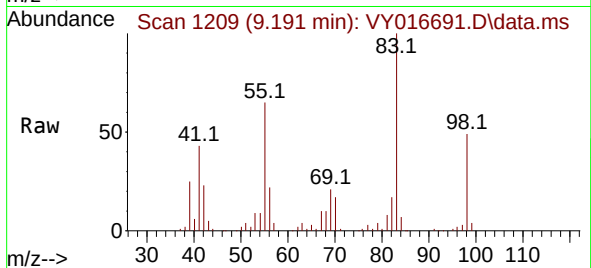
98 48.7 40.1 60.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023

Supervised By :Semsettin Yesilyurt 12/20/2023



#40

Benzene

Concen: 19.983 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016691.D

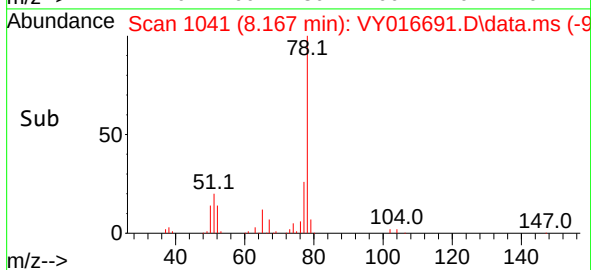
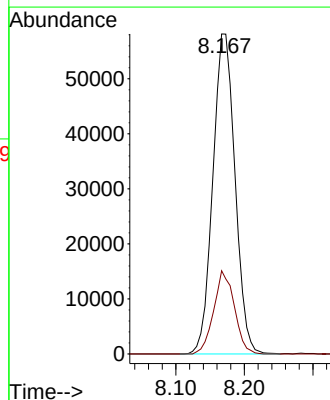
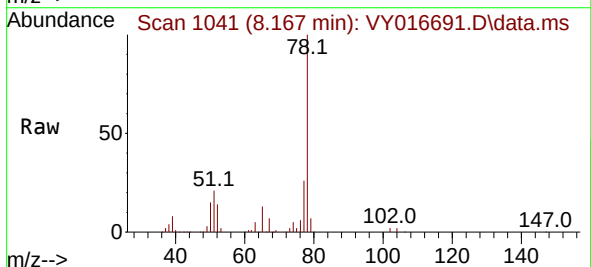
Acq: 19 Dec 2023 11:41

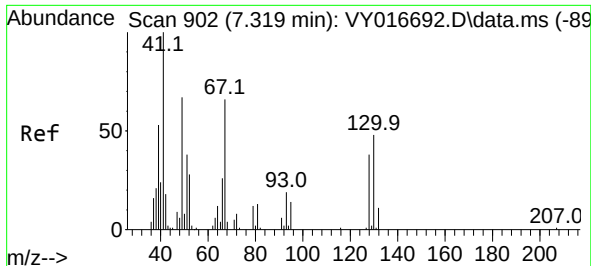
Tgt Ion: 78 Resp: 130709

Ion Ratio Lower Upper

78 100

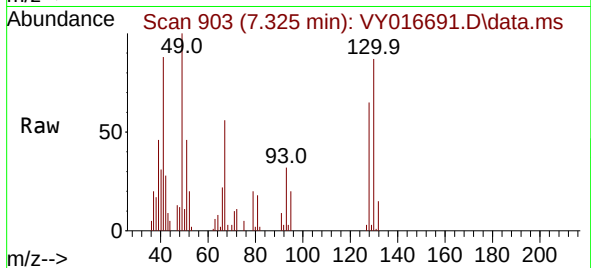
77 26.0 19.0 28.4





#41
Methacrylonitrile
Concen: 21.009 ug/l m
RT: 7.325 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

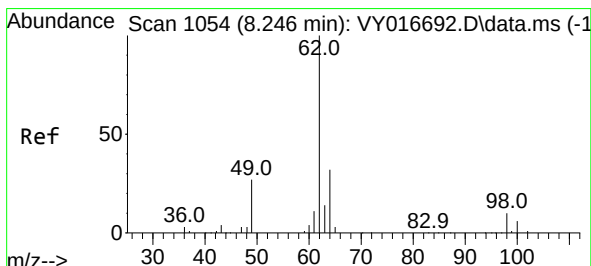
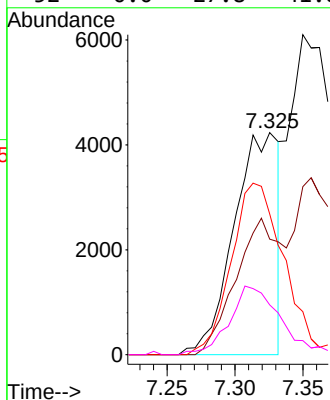
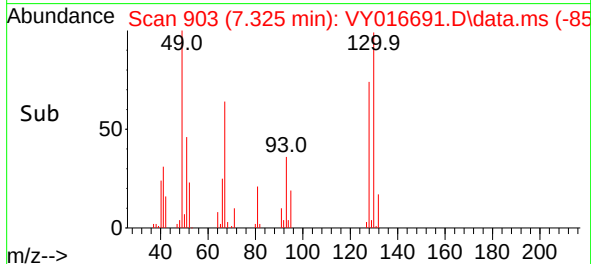
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 9729
Ion Ratio Lower Upper
41 100
39 81.4 47.8 71.6
67 0.0 74.9 112.3
52 0.0 27.8 41.8

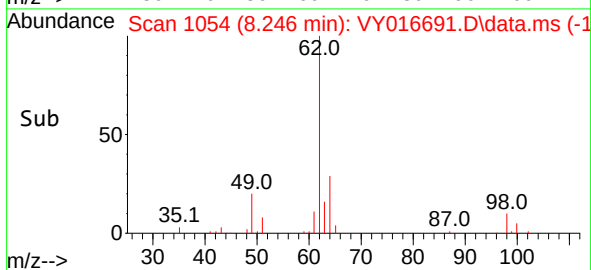
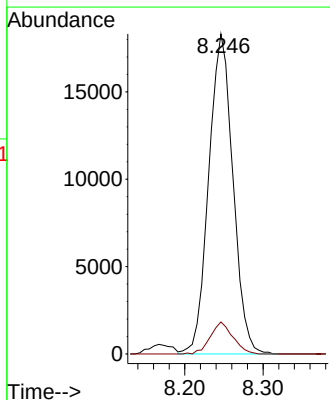
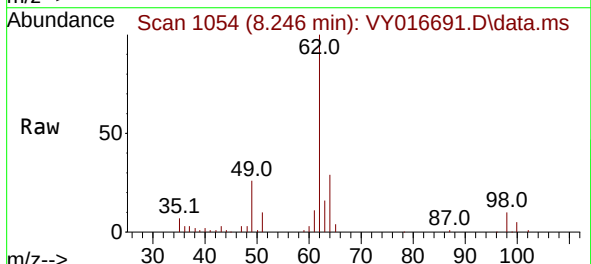
Manual Integrations
APPROVED

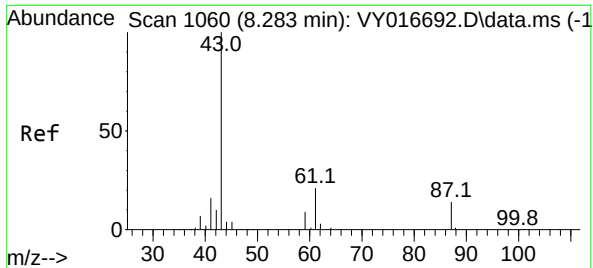
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#42
1,2-Dichloroethane
Concen: 21.259 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 62 Resp: 39347
Ion Ratio Lower Upper
62 100
98 9.3 0.0 22.4





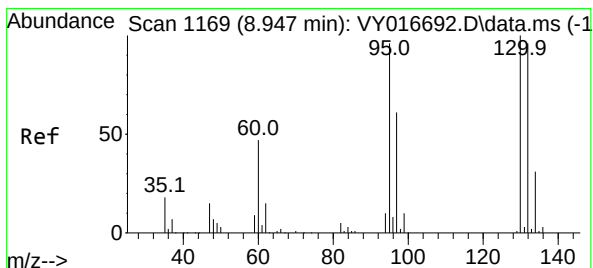
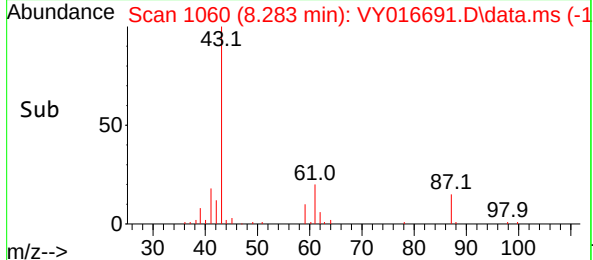
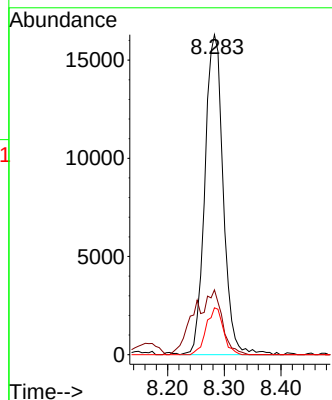
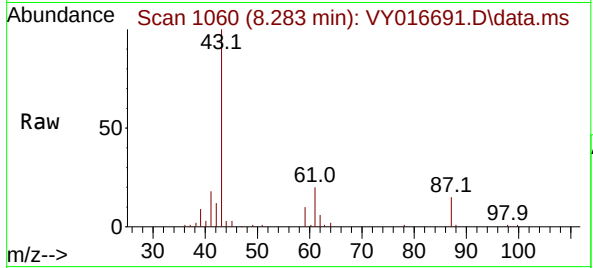
#43
Isopropyl Acetate
Concen: 21.865 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 36618
Ion Ratio Lower Upper
43 100
61 16.6 27.4 41.0
87 13.7 13.2 19.8

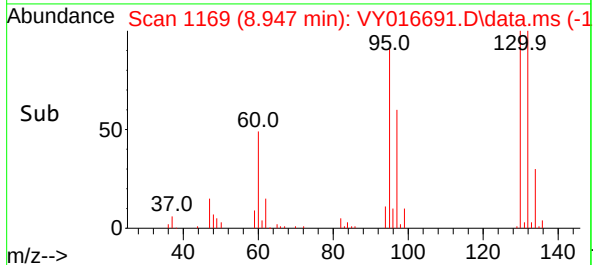
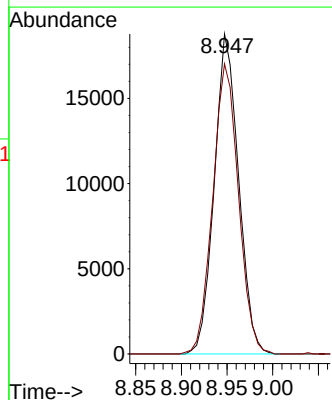
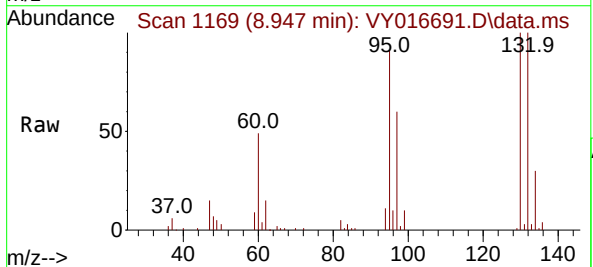
Manual Integrations
APPROVED

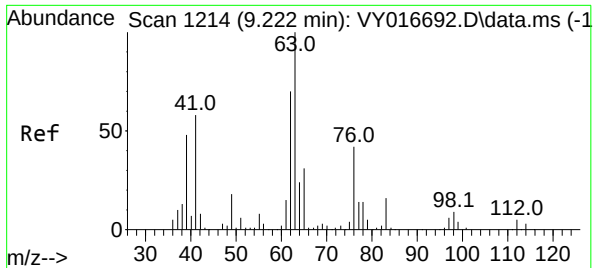
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#44
Trichloroethene
Concen: 19.298 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:130 Resp: 34736
Ion Ratio Lower Upper
130 100
95 90.6 0.0 189.2





#45

1,2-Dichloropropane

Concen: 20.321 ug/l

RT: 9.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 31769

Ion Ratio Lower Upper

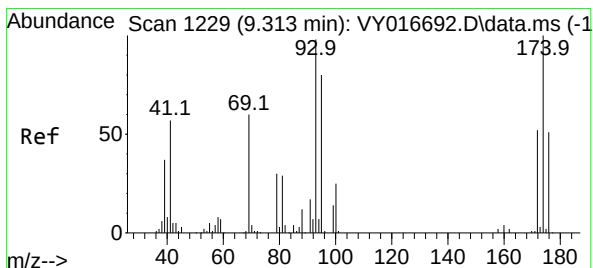
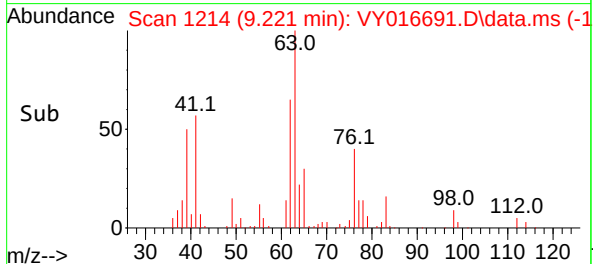
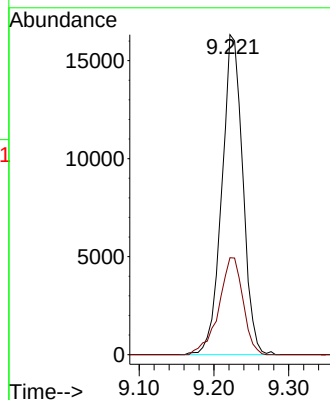
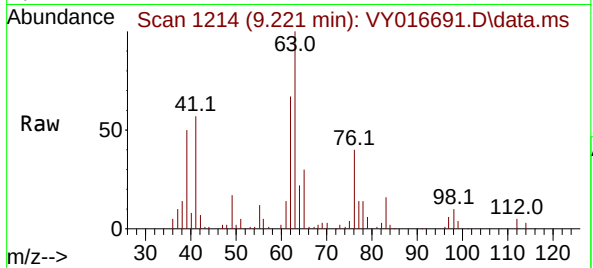
63 100

65 30.3 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#46

Dibromomethane

Concen: 21.016 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

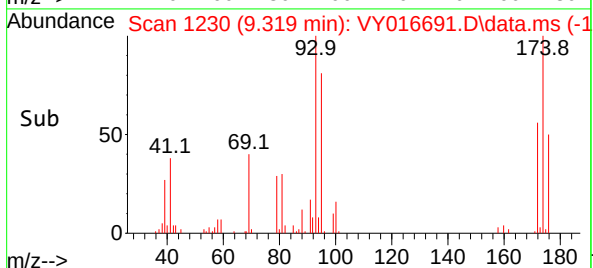
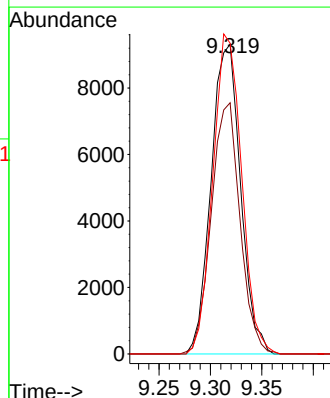
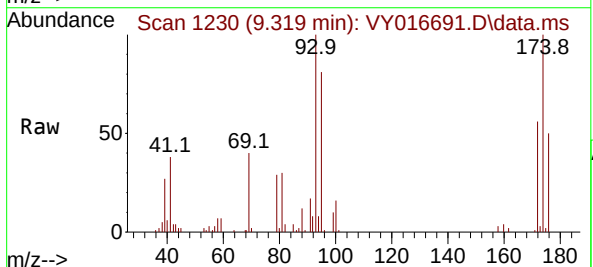
Tgt Ion: 93 Resp: 18554

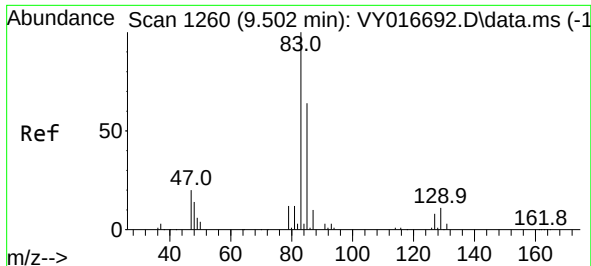
Ion Ratio Lower Upper

93 100

95 79.1 66.9 100.3

174 100.9 85.2 127.8





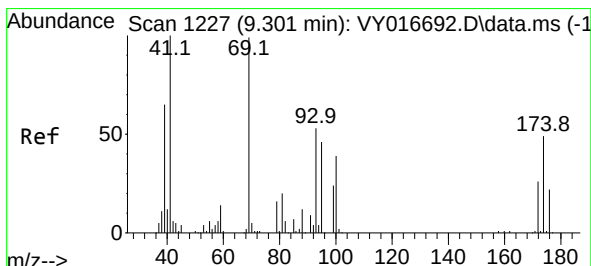
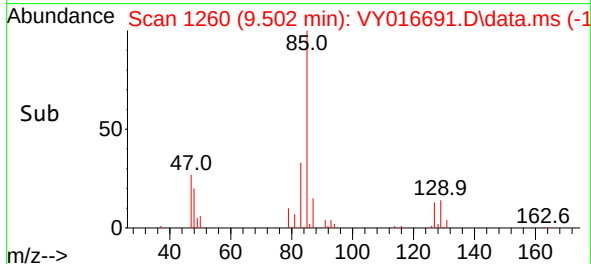
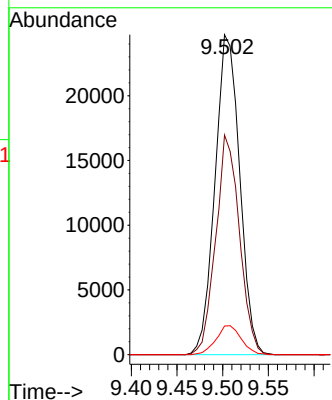
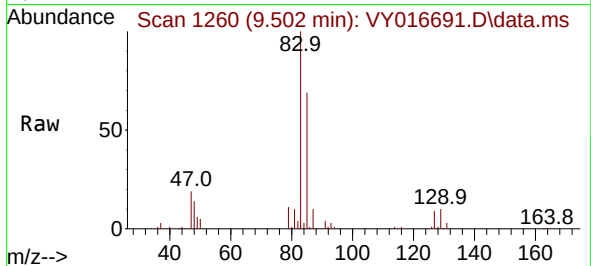
#47
Bromodichloromethane
Concen: 20.144 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 46434
Ion Ratio Lower Upper
83 100
85 68.7 51.4 77.0
127 8.9 7.3 10.9

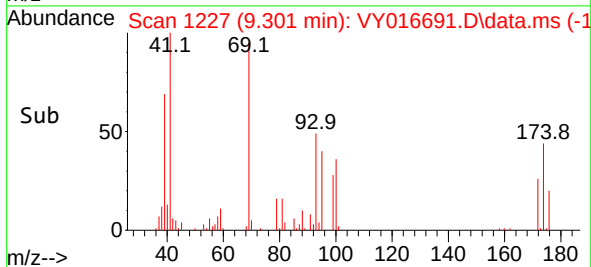
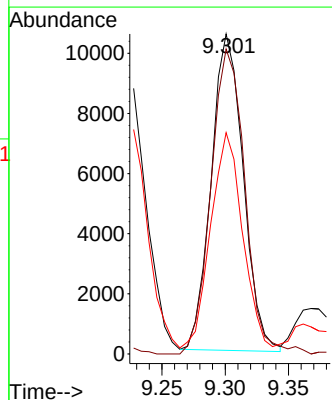
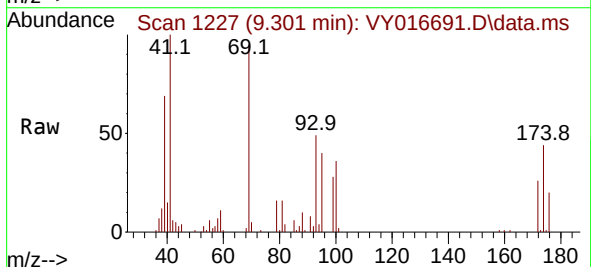
Manual Integrations
APPROVED

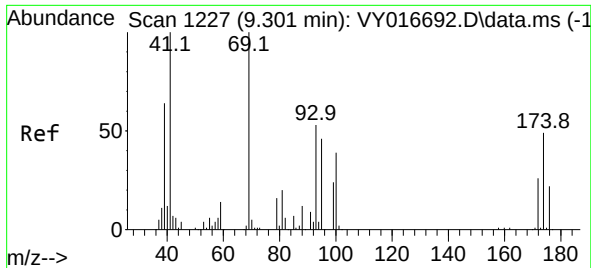
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#48
Methyl methacrylate
Concen: 20.387 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

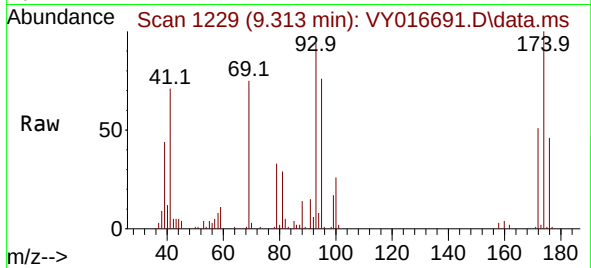
Tgt Ion: 41 Resp: 18524
Ion Ratio Lower Upper
41 100
69 102.4 85.5 128.3
39 71.7 40.9 61.3#





#49
1,4-Dioxane
Concen: 415.825 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

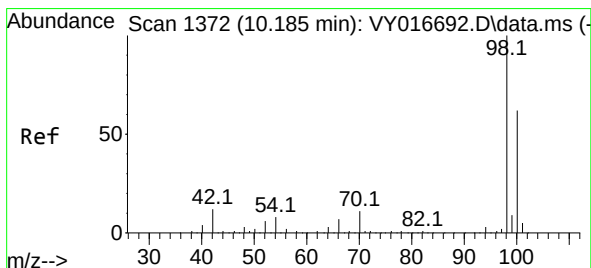
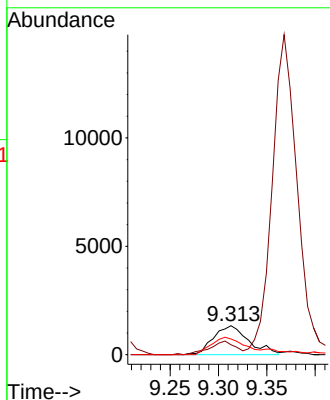
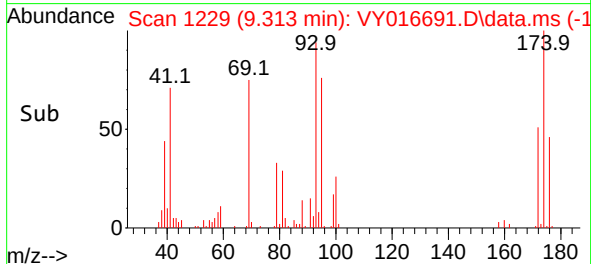
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 88 Resp: 3380
Ion Ratio Lower Upper
88 100
43 34.6 0.0 0.0
58 56.7 54.0 81.0

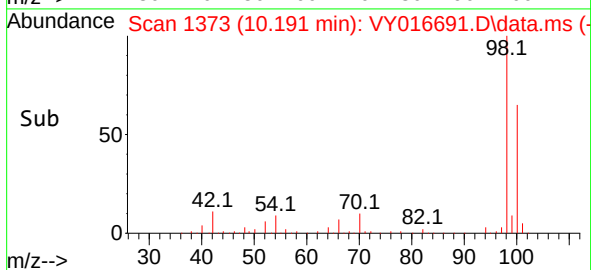
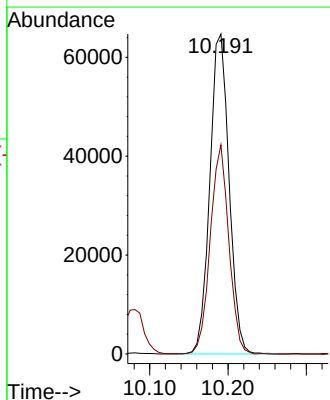
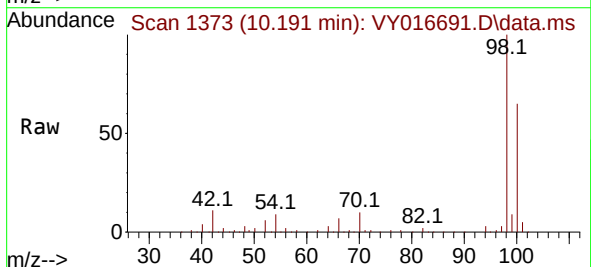
Manual Integrations
APPROVED

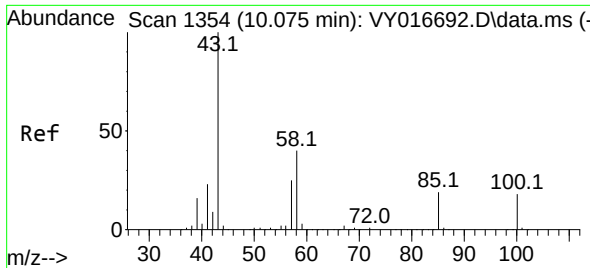
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#50
Toluene-d8
Concen: 20.243 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

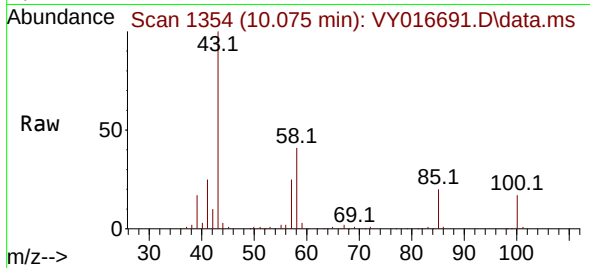
Tgt Ion: 98 Resp: 110335
Ion Ratio Lower Upper
98 100
100 62.9 52.5 78.7





#51
4-Methyl-2-Pentanone
Concen: 108.022 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

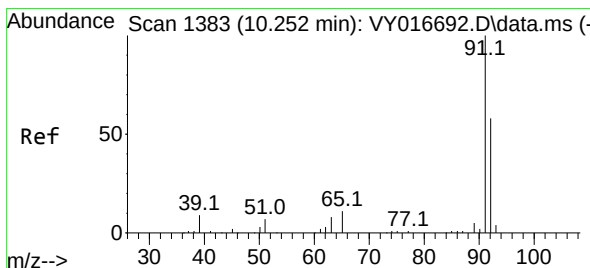
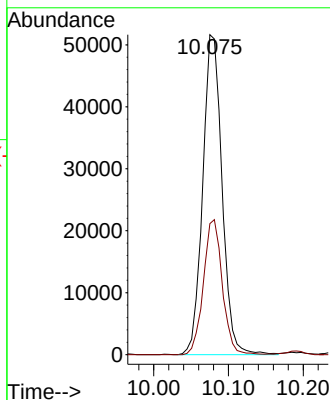
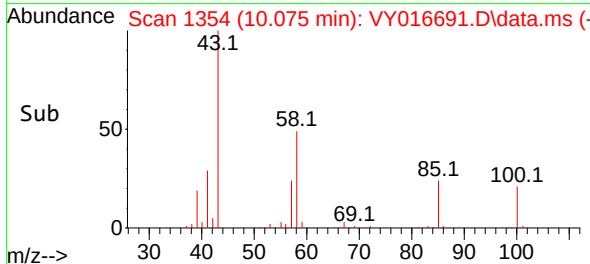
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 43 Resp: 9285
Ion Ratio Lower Upper
43 100
58 41.2 35.8 53.8

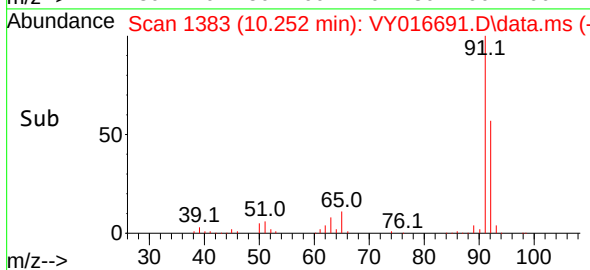
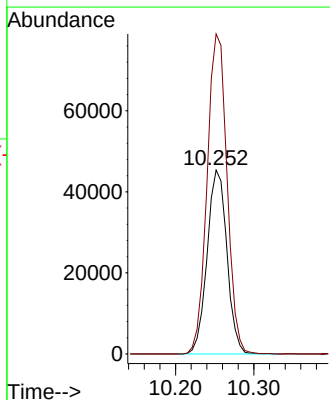
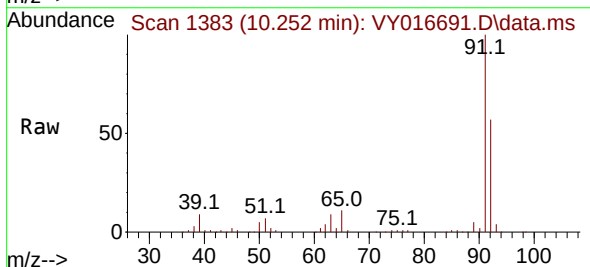
Manual Integrations
APPROVED

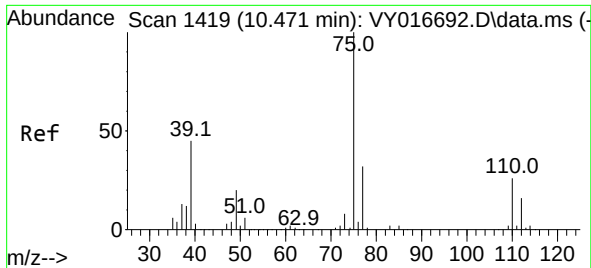
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#52
Toluene
Concen: 19.875 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

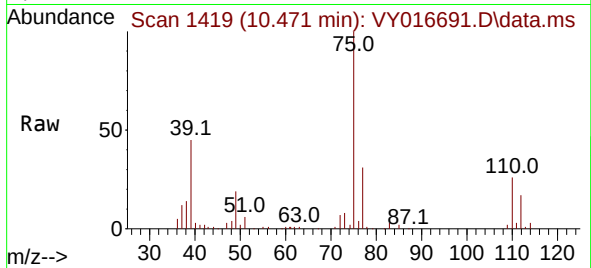
Tgt Ion: 92 Resp: 79542
Ion Ratio Lower Upper
92 100
91 175.2 136.3 204.5





#53
t-1,3-Dichloropropene
Concen: 20.116 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

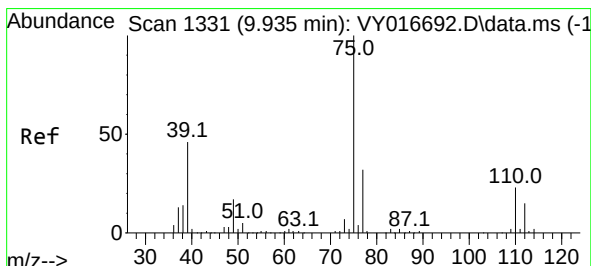
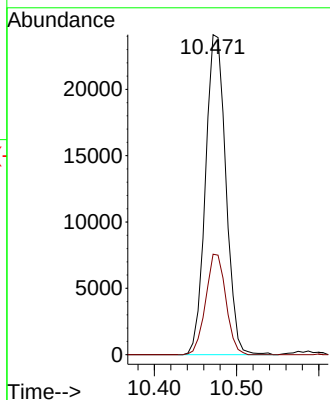
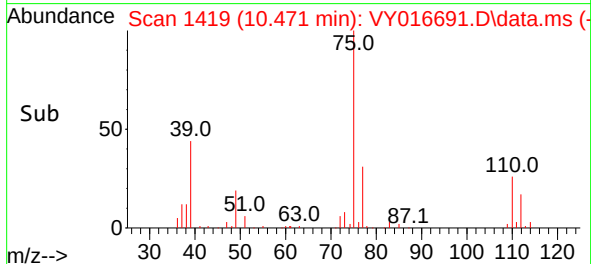
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion: 75 Resp: 41520
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8

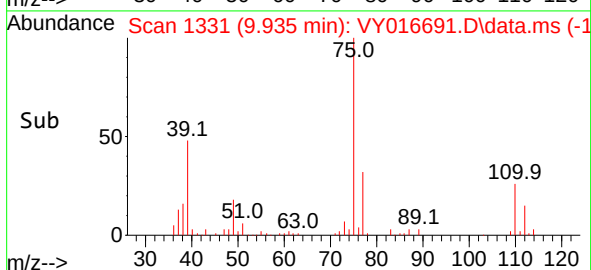
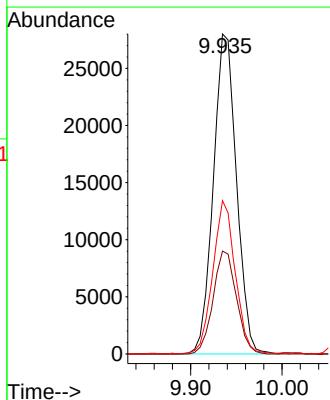
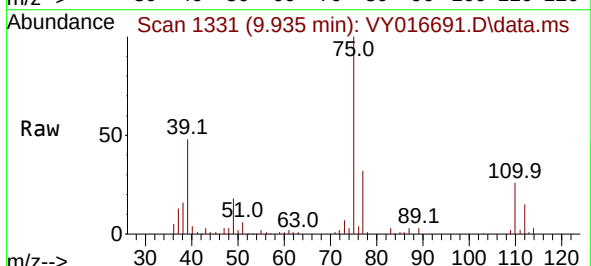
Manual Integrations
APPROVED

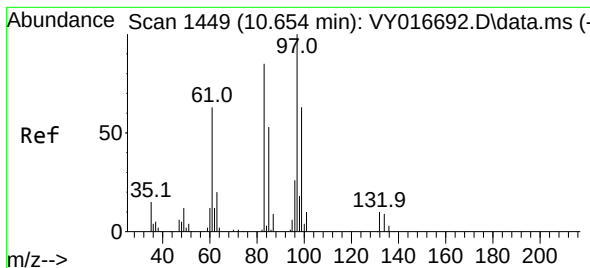
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#54
cis-1,3-Dichloropropene
Concen: 20.178 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 75 Resp: 49347
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 47.9 29.7 44.5





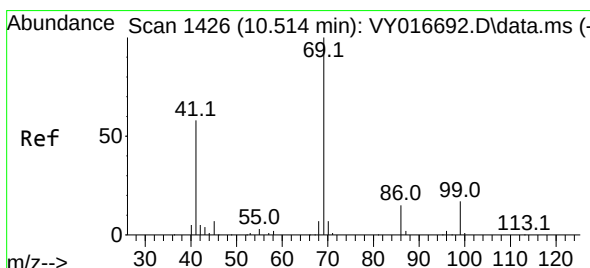
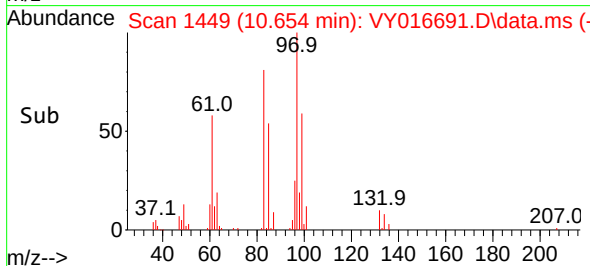
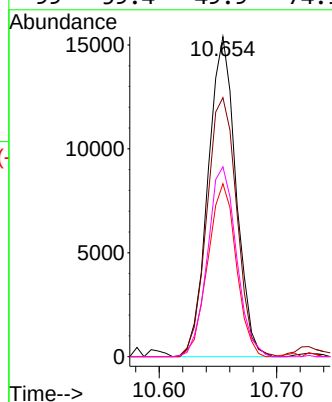
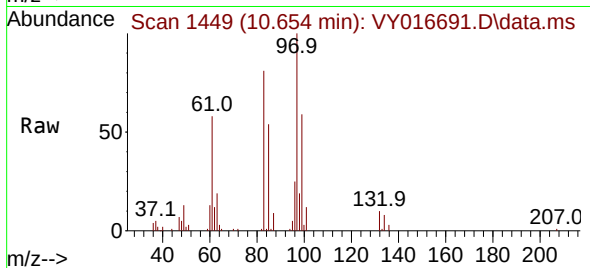
#55
1,1,2-Trichloroethane
Concen: 20.861 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 97	Resp: 2544
Ion Ratio	Lower Upper
97 100	
83 81.0	65.8 98.6
85 54.1	43.4 65.2
99 59.4	49.9 74.9

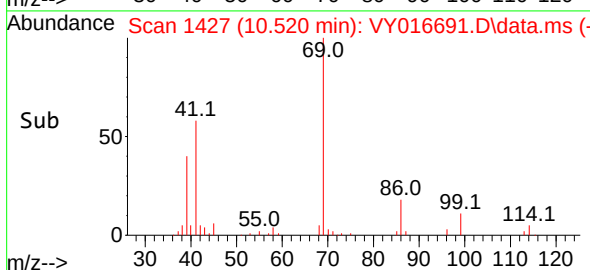
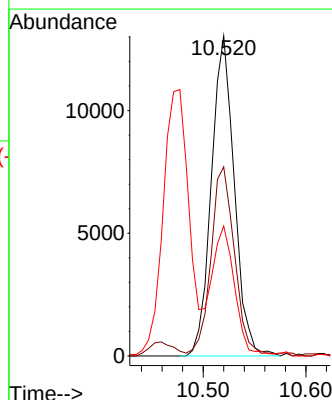
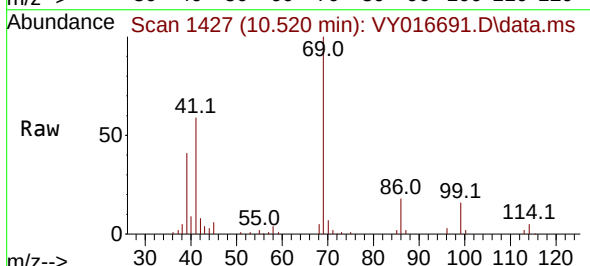
Manual Integrations
APPROVED

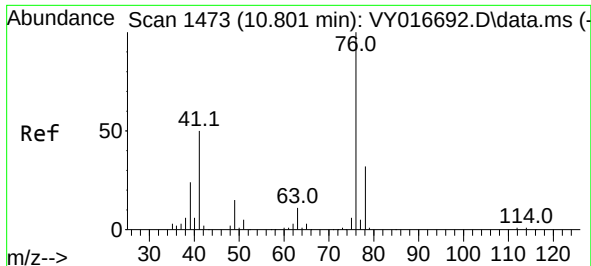
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#56
Ethyl methacrylate
Concen: 20.361 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

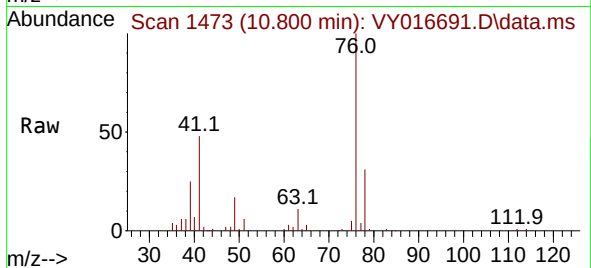
Tgt Ion: 69	Resp: 20206
Ion Ratio	Lower Upper
69 100	
41 59.3	44.6 67.0
39 37.4	21.5 32.3





#57
1,3-Dichloropropane
Concen: 20.694 ug/l
RT: 10.800 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

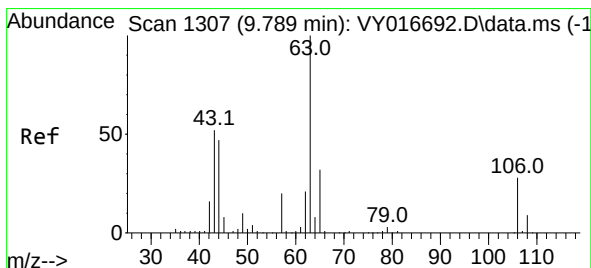
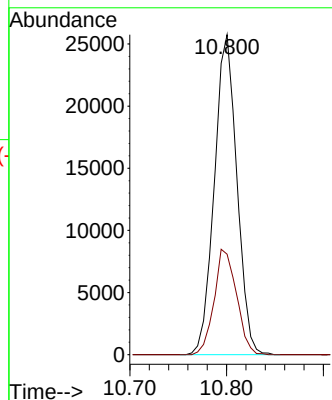
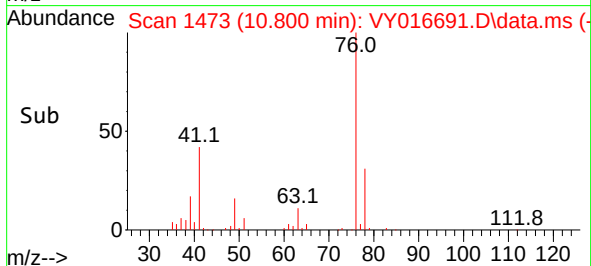
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 76 Resp: 4164
Ion Ratio Lower Upper
76 100
78 32.7 26.2 39.4

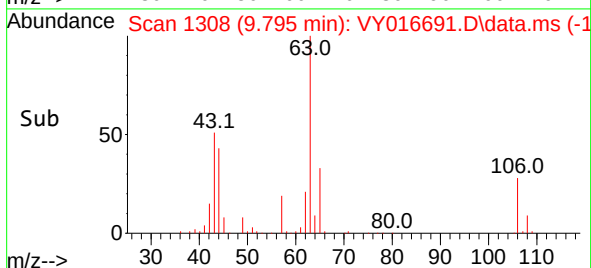
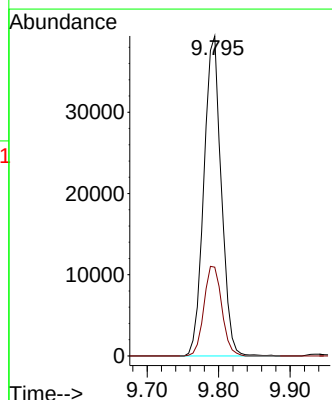
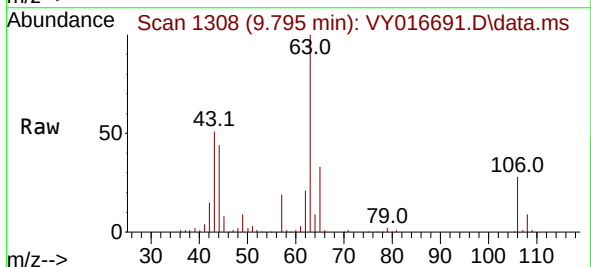
Manual Integrations
APPROVED

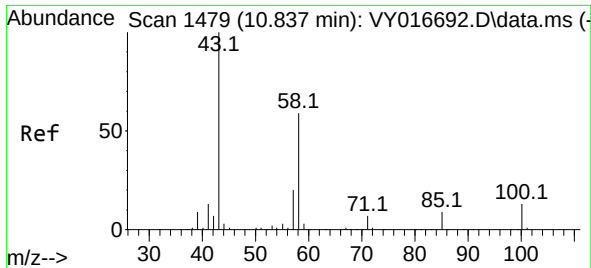
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#58
2-Chloroethyl Vinyl ether
Concen: 109.048 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 63 Resp: 66394
Ion Ratio Lower Upper
63 100
106 28.8 25.4 38.2





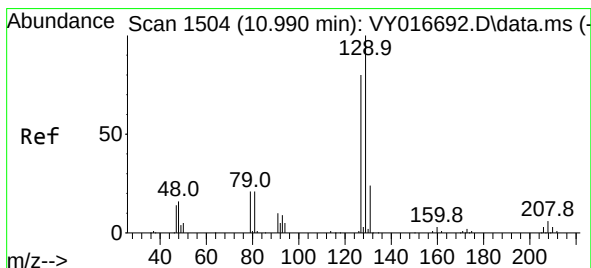
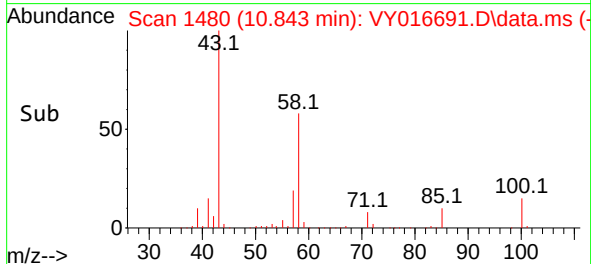
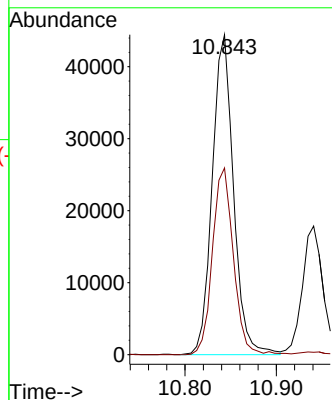
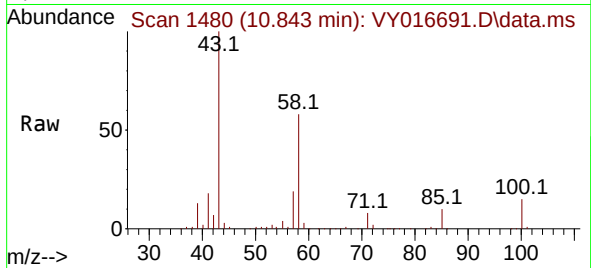
#59
2-Hexanone
Concen: 114.725 ug/l
RT: 10.843 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 71840
Ion Ratio Lower Upper
43 100
58 57.5 30.8 92.4

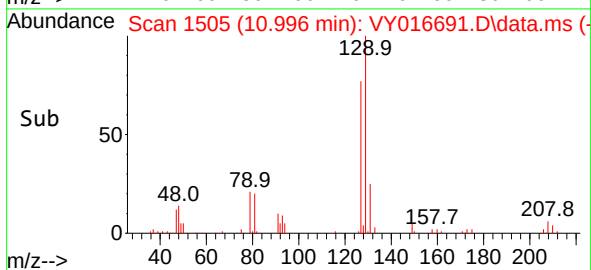
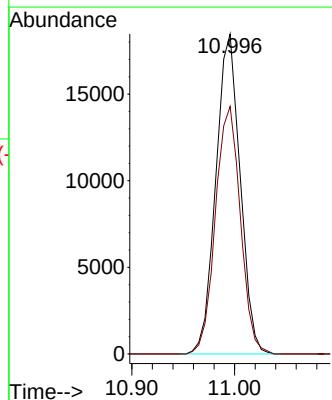
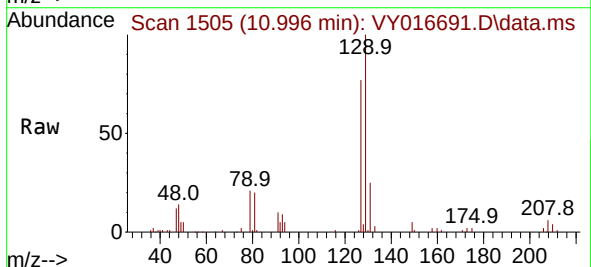
Manual Integrations
APPROVED

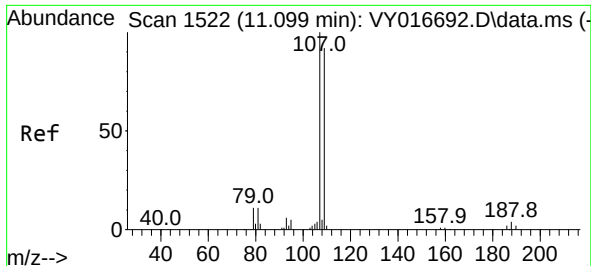
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#60
Dibromochloromethane
Concen: 20.459 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:129 Resp: 30294
Ion Ratio Lower Upper
129 100
127 79.4 38.0 113.9





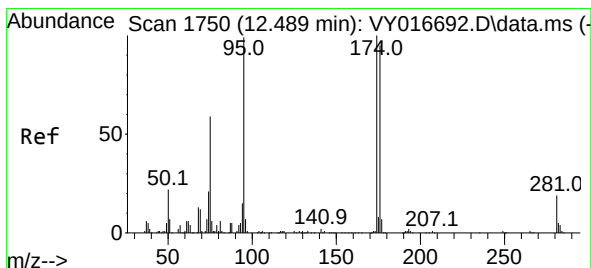
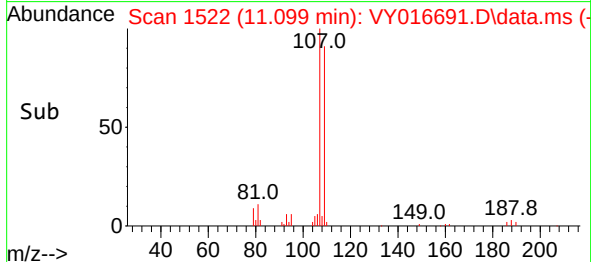
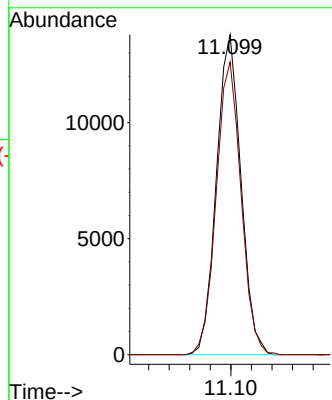
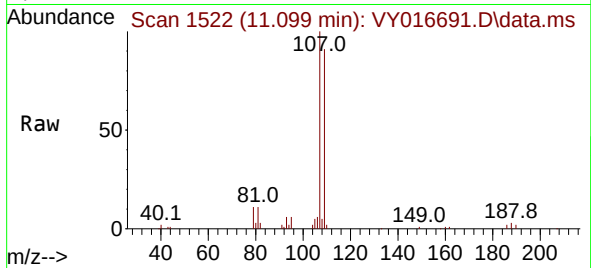
#61
1,2-Dibromoethane
Concen: 20.754 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:107 Resp: 22795
Ion Ratio Lower Upper
107 100
109 92.6 74.7 112.1

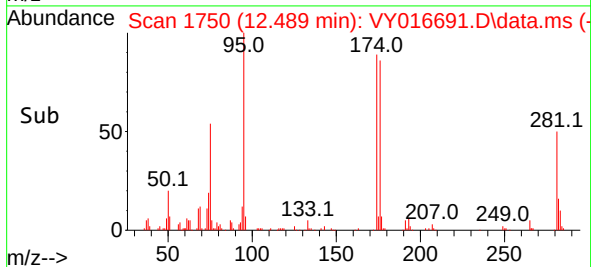
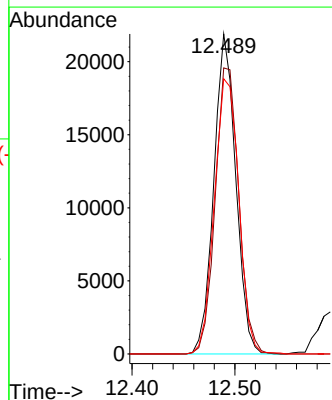
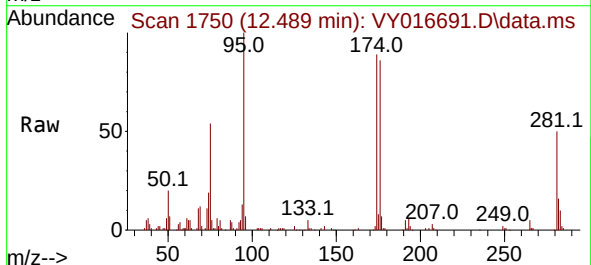
Manual Integrations
APPROVED

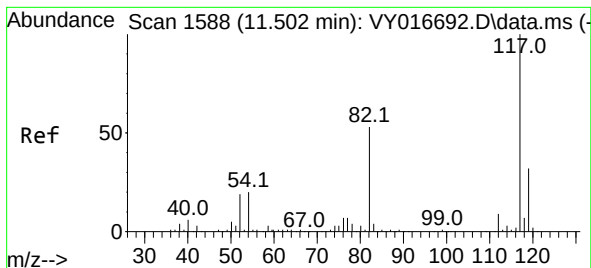
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#62
4-Bromofluorobenzene
Concen: 20.958 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

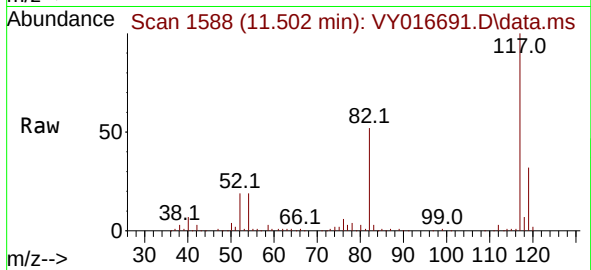
Tgt Ion: 95 Resp: 32480
Ion Ratio Lower Upper
95 100
174 95.9 0.0 181.0
176 95.6 0.0 176.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11588
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

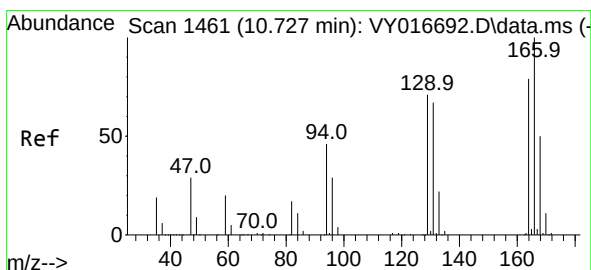
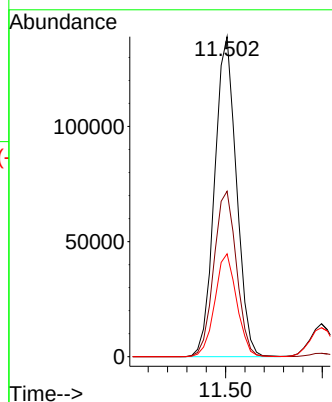
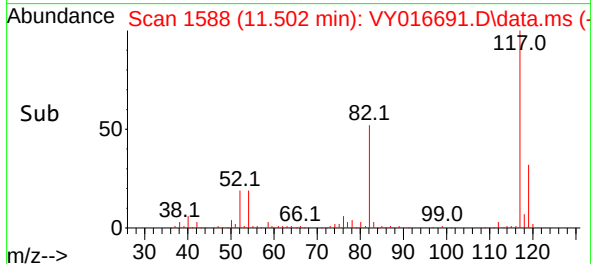
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:117 Resp: 21770
Ion Ratio Lower Upper
117 100
82 51.7 41.0 61.6
119 32.1 25.8 38.8

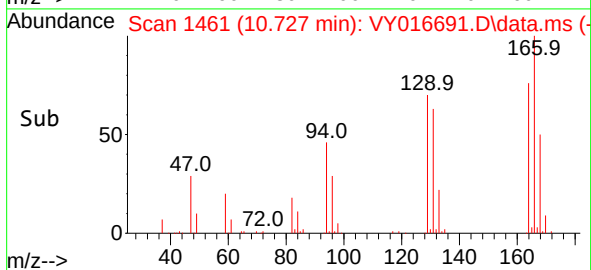
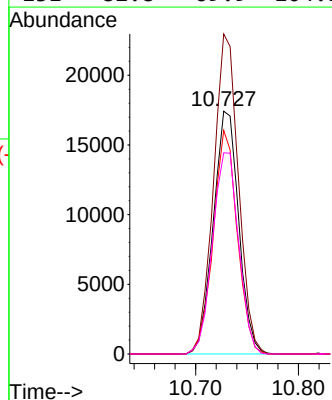
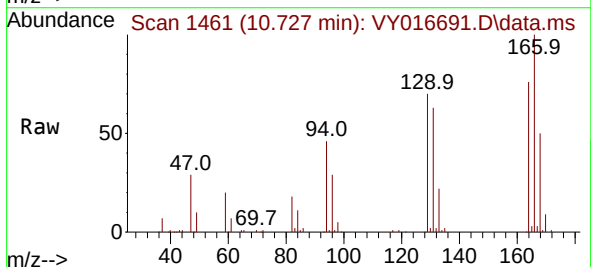
Manual Integrations
APPROVED

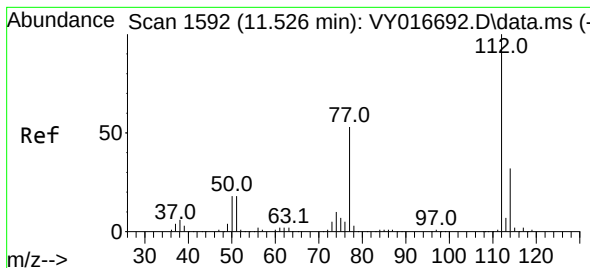
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#64
Tetrachloroethene
Concen: 19.858 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:164 Resp: 29820
Ion Ratio Lower Upper
164 100
166 131.8 103.9 155.9
129 92.1 71.4 107.2
131 82.8 69.9 104.9





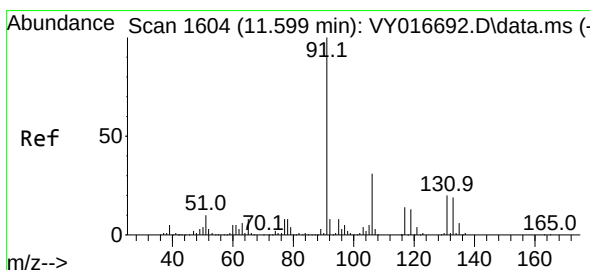
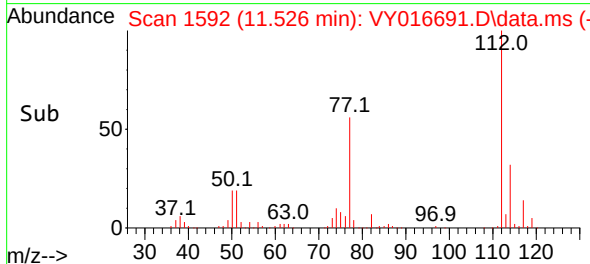
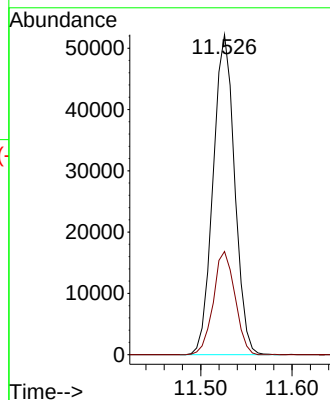
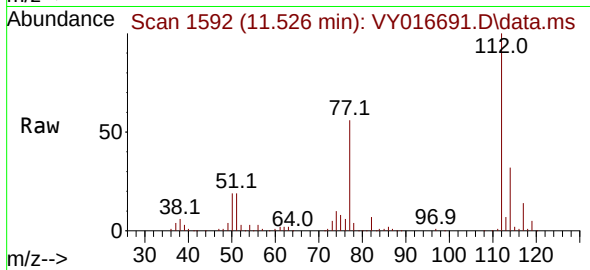
#65
Chlorobenzene
Concen: 19.813 ug/l
RT: 11.526 min Scan# 11592
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:112 Resp: 85420
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

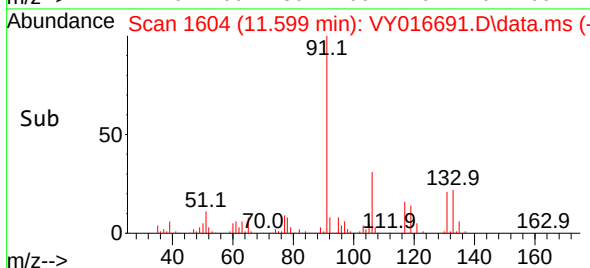
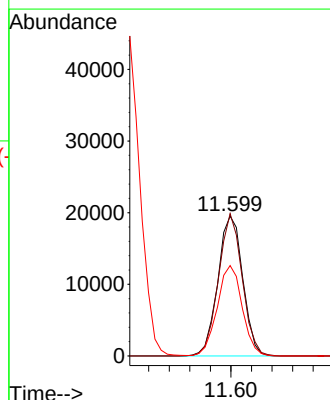
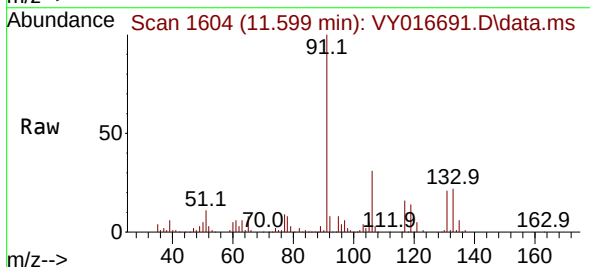
Manual Integrations
APPROVED

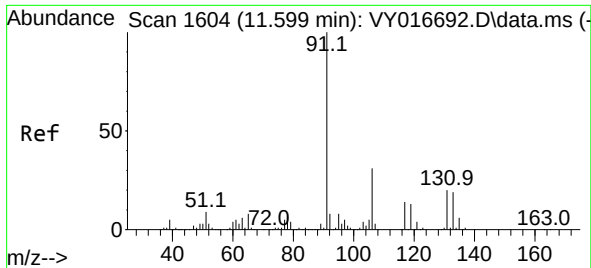
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.640 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:131 Resp: 32804
Ion Ratio Lower Upper
131 100
133 97.0 48.5 145.6
119 64.7 32.9 98.7





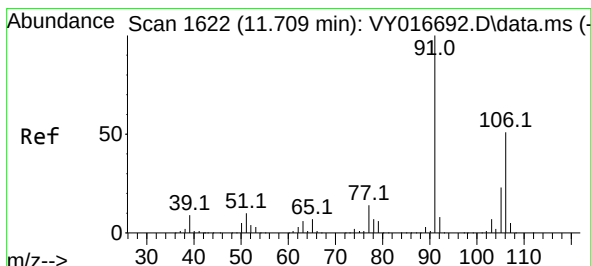
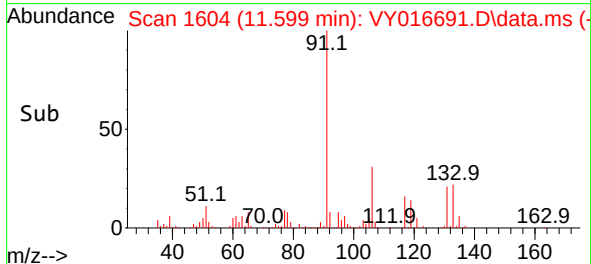
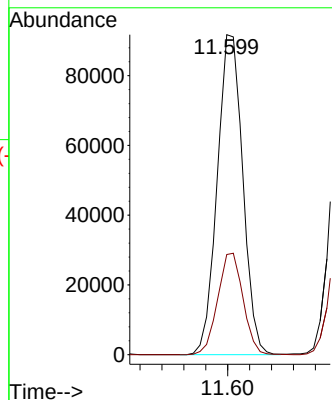
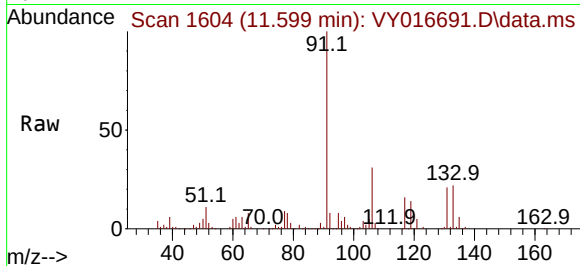
#67
Ethyl Benzene
Concen: 19.285 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 148530
Ion Ratio Lower Upper
91 100
106 31.3 24.7 37.1

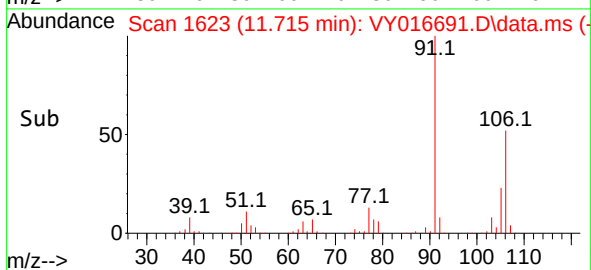
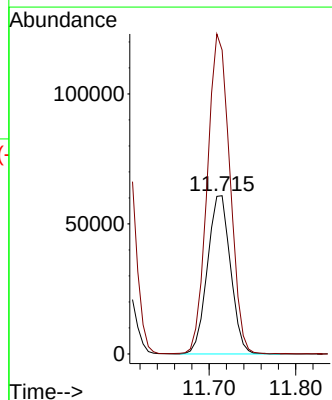
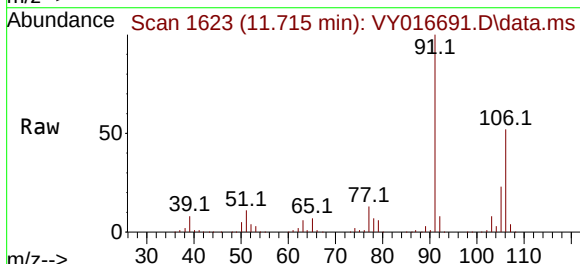
Manual Integrations
APPROVED

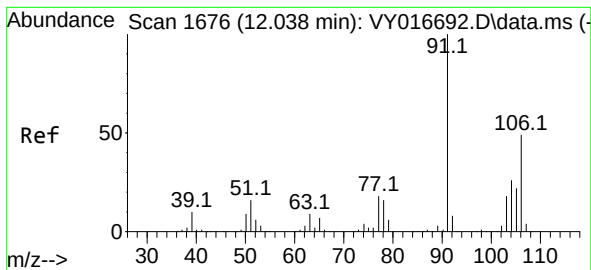
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#68
m/p-Xylenes
Concen: 38.580 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:106 Resp: 112636
Ion Ratio Lower Upper
106 100
91 197.8 156.2 234.2





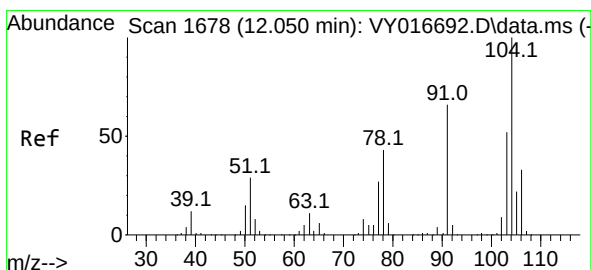
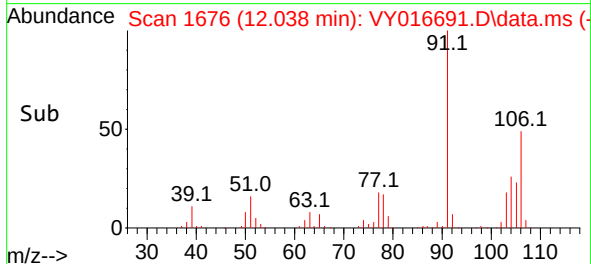
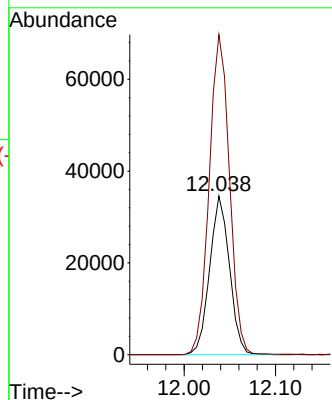
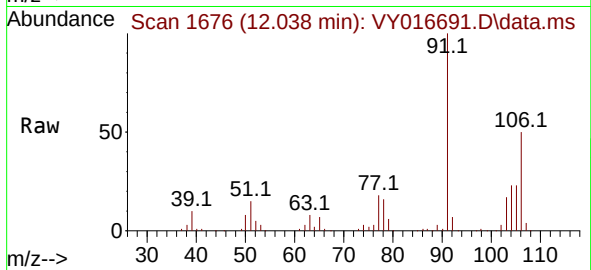
#69
o-Xylene
Concen: 19.503 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 5201
Ion Ratio Lower Upper
106 100
91 206.6 102.8 308.4

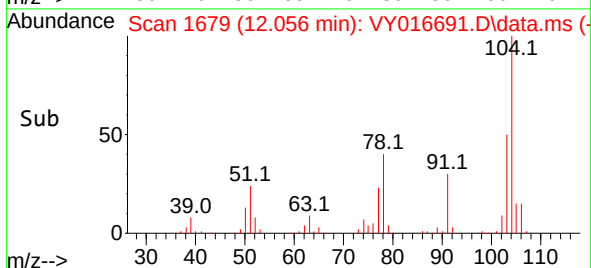
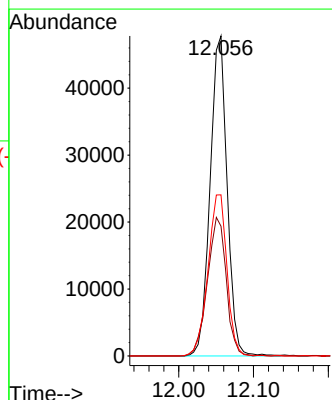
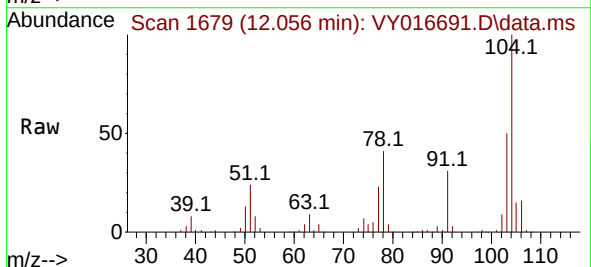
Manual Integrations
APPROVED

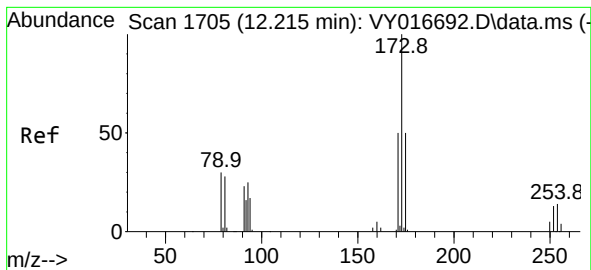
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#70
Styrene
Concen: 19.654 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:104 Resp: 75688
Ion Ratio Lower Upper
104 100
78 48.0 38.2 57.2
103 56.3 44.3 66.5





#71

Bromoform

Concen: 20.867 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

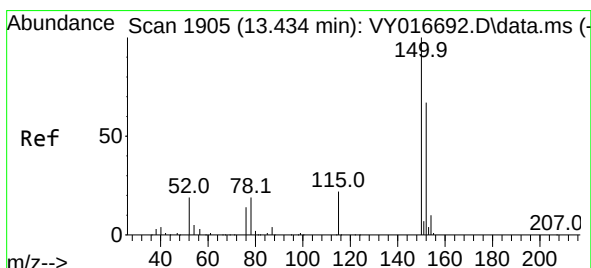
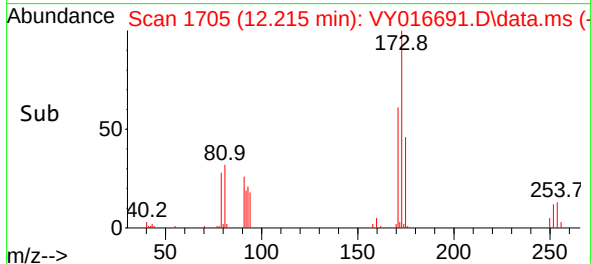
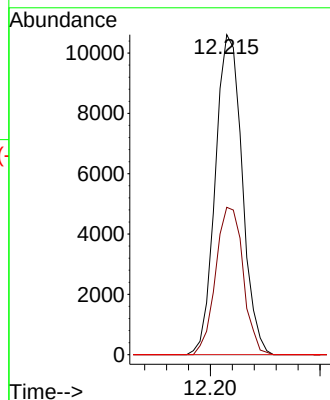
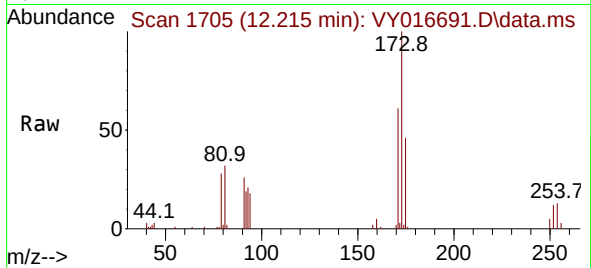
VSTDICC020

Tgt Ion:	173	Resp:	1805
Ion Ratio	Lower	Upper	
173	100		
175	47.1	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

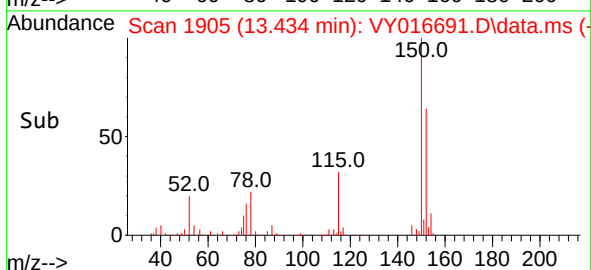
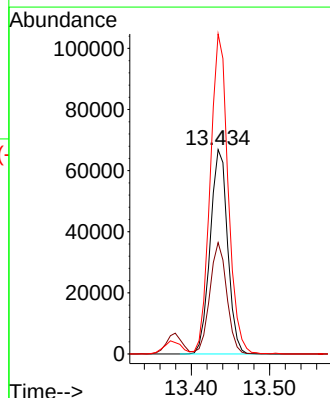
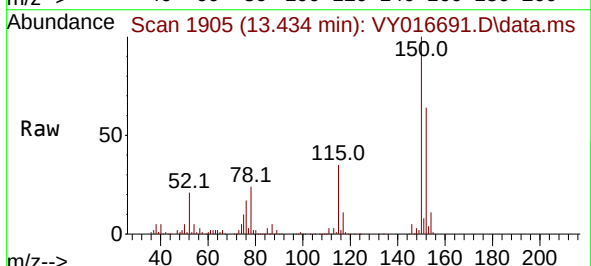
RT: 13.434 min Scan# 1905

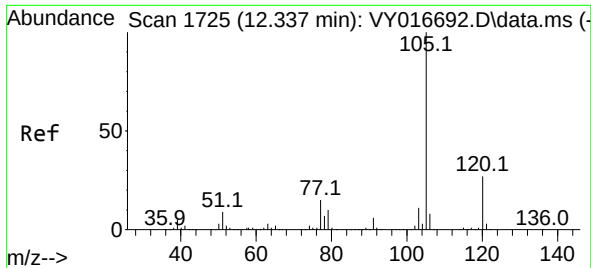
Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

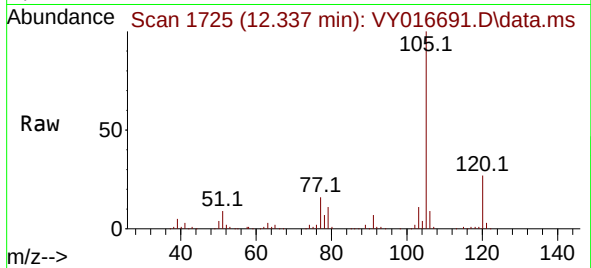
Tgt Ion:	152	Resp:	103291
Ion Ratio	Lower	Upper	
152	100		
115	53.1	28.2	84.7
150	160.5	0.0	350.6





#73
Isopropylbenzene
Concen: 19.768 ug/l
RT: 12.337 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

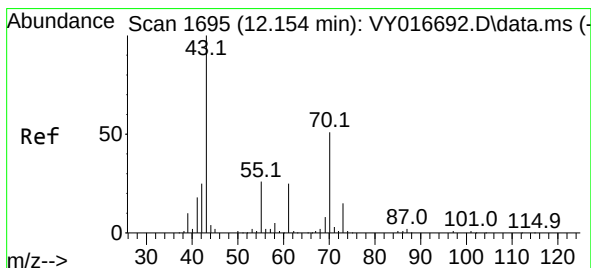
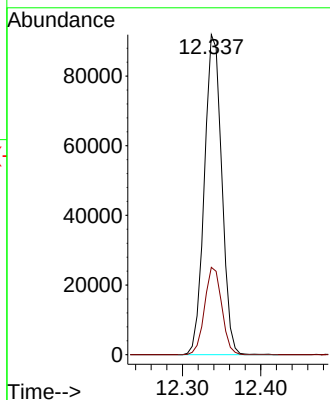
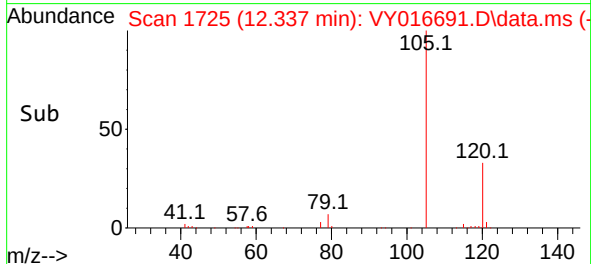
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



Tgt Ion:105 Resp: 14118
Ion Ratio Lower Upper
105 100
120 26.9 13.6 40.8

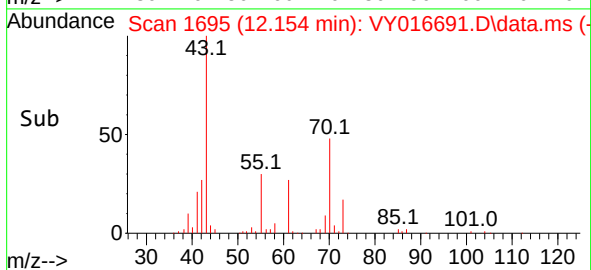
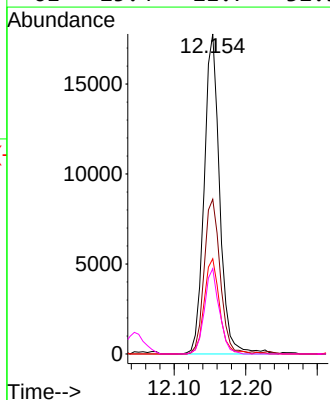
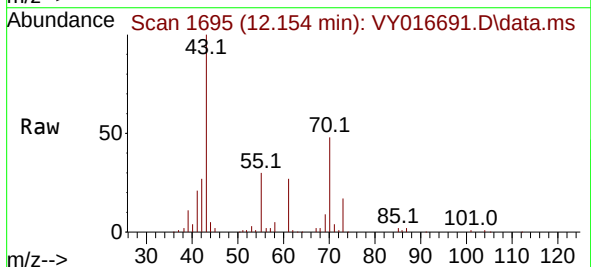
Manual Integrations
APPROVED

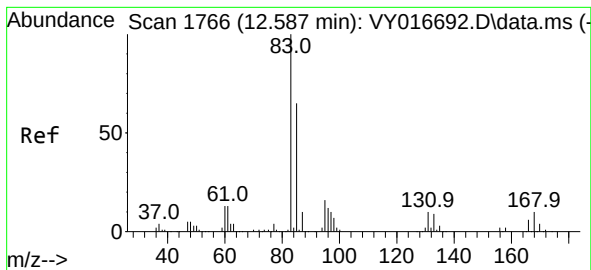
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#74
N-ethyl acetate
Concen: 20.764 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 43 Resp: 26833
Ion Ratio Lower Upper
43 100
70 50.1 41.2 61.8
55 29.3 22.2 33.2
61 25.4 21.7 32.5





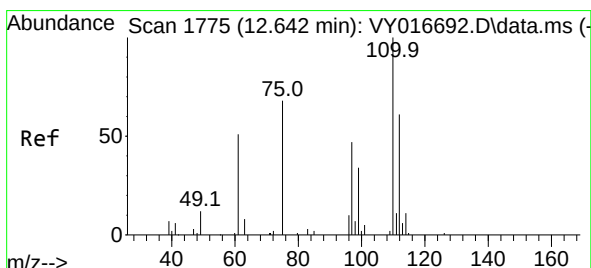
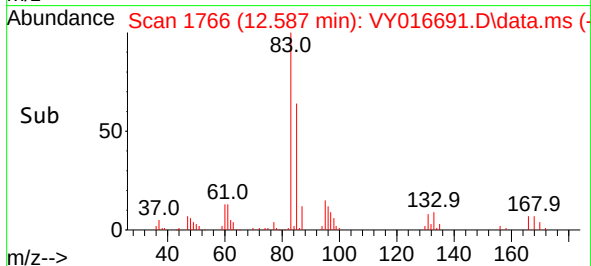
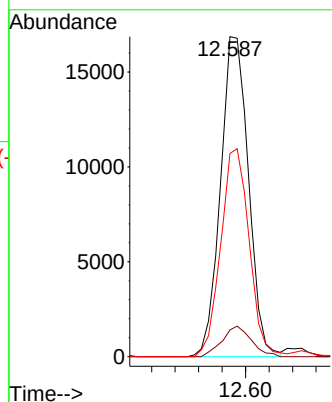
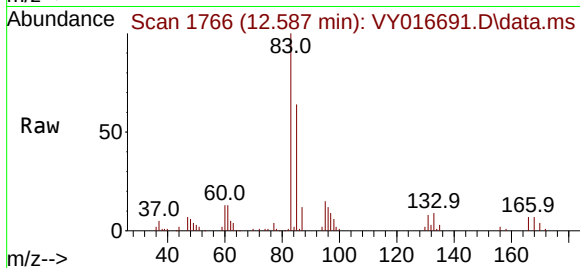
#75
1,1,2,2-Tetrachloroethane
Concen: 20.966 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 2786
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.4
85 66.0 32.0 96.0

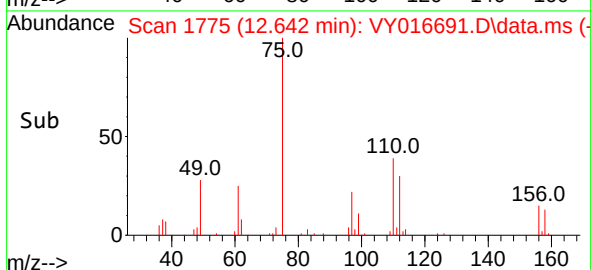
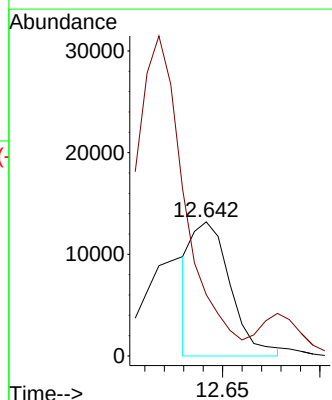
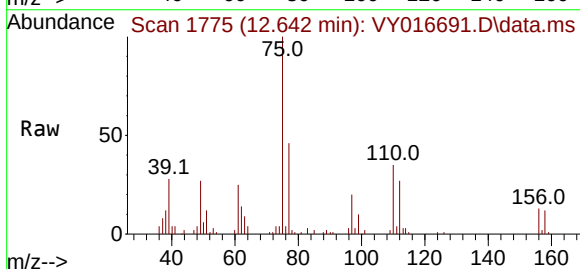
Manual Integrations
APPROVED

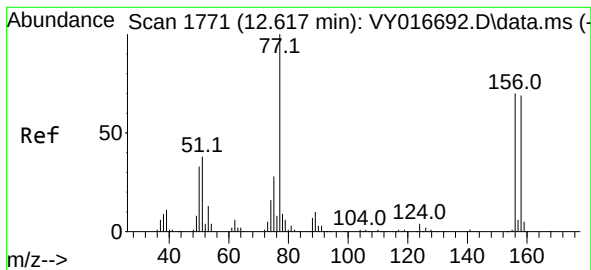
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#76
1,2,3-Trichloropropane
Concen: 20.500 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 75 Resp: 18406
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.954 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

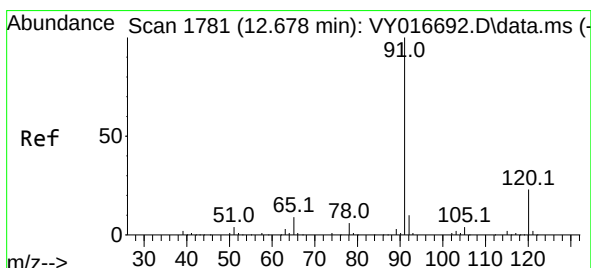
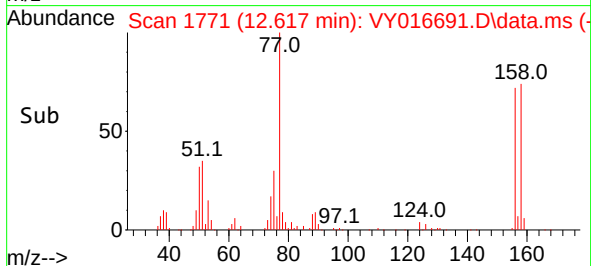
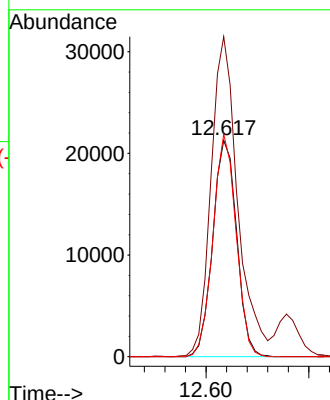
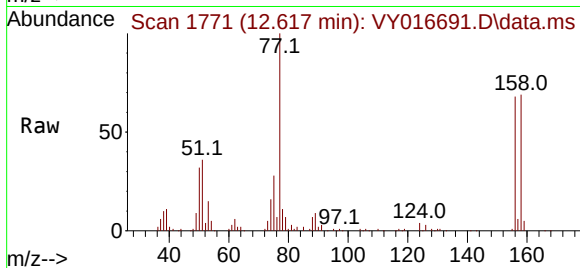
VSTDICC020

Tgt Ion:	156	Resp:	3436
Ion Ratio	Lower	Upper	
156	100		
77	164.7	83.5	250.7
158	99.2	49.0	147.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#78

n-propylbenzene

Concen: 19.828 ug/l

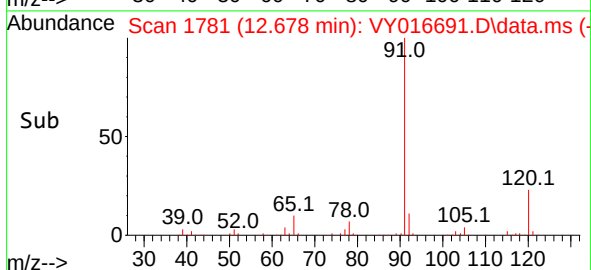
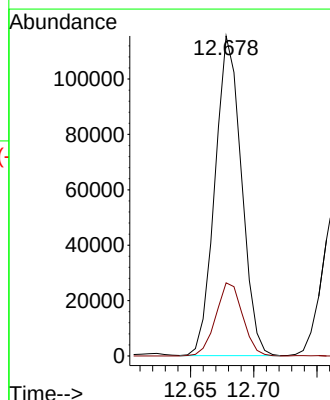
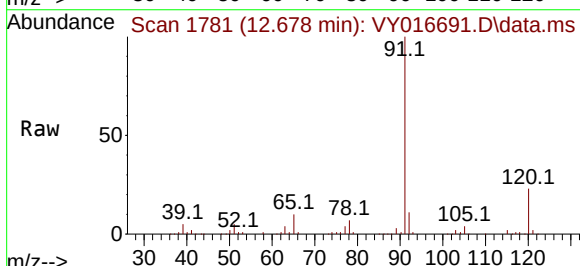
RT: 12.678 min Scan# 1781

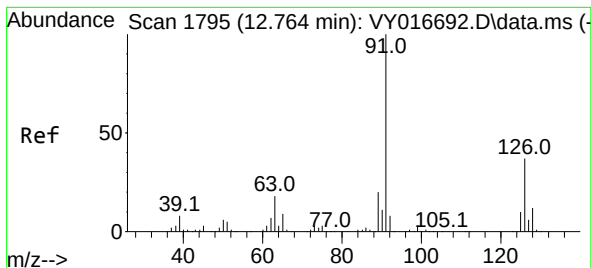
Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Tgt Ion:	91	Resp:	167879
Ion Ratio	Lower	Upper	
91	100		
120	23.2	11.9	35.7





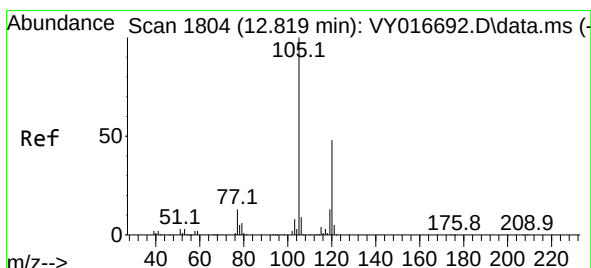
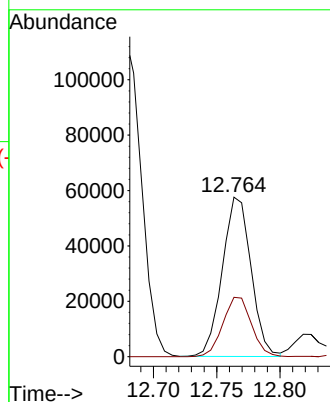
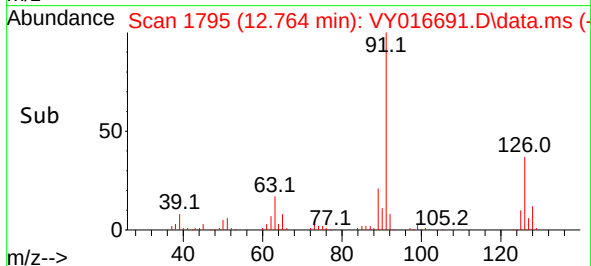
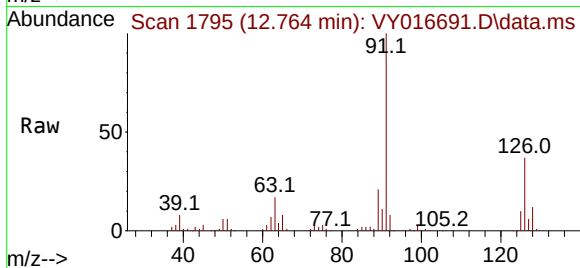
#79
2-Chlorotoluene
Concen: 20.068 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9101
Ion Ratio Lower Upper
91 100
126 37.1 18.0 54.0

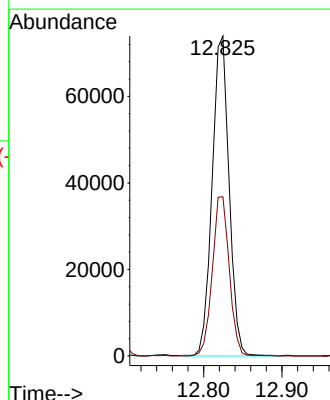
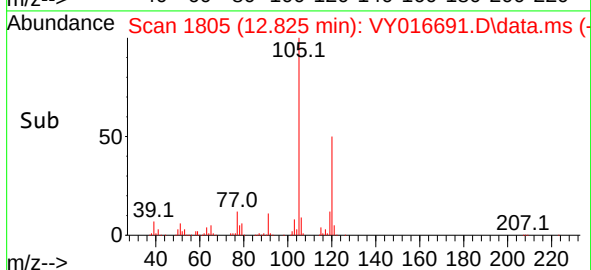
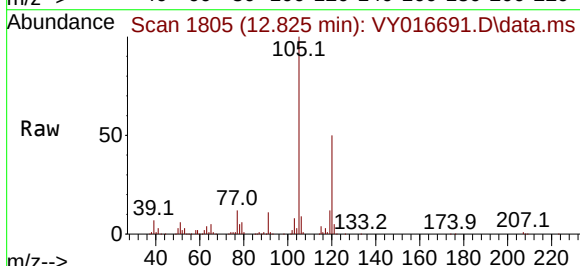
Manual Integrations
APPROVED

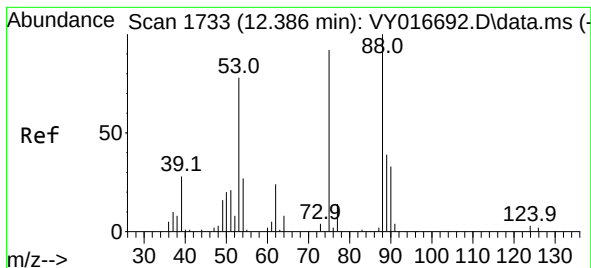
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#80
1,3,5-Trimethylbenzene
Concen: 19.871 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

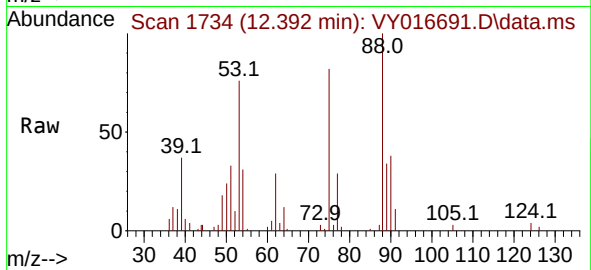
Tgt Ion:105 Resp: 111207
Ion Ratio Lower Upper
105 100
120 49.8 25.2 75.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.635 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

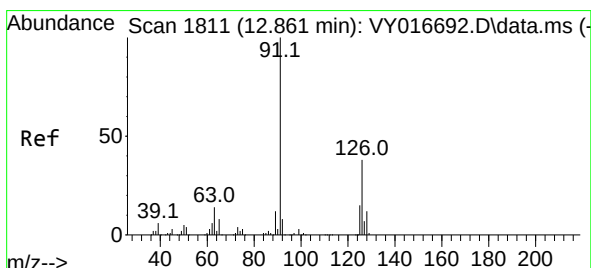
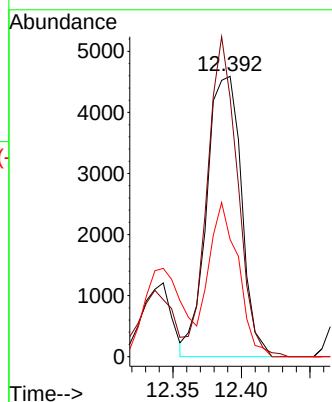
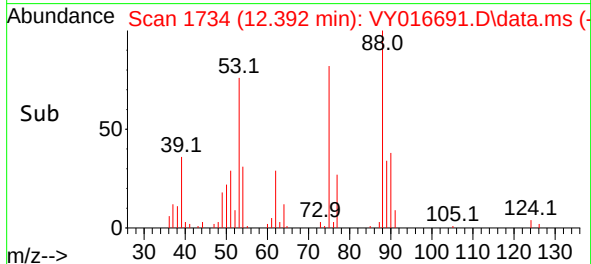
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020



Tgt Ion: 75 Resp: 8075
Ion Ratio Lower Upper
75 100
53 99.0 62.9 94.3
89 45.9 35.8 53.8

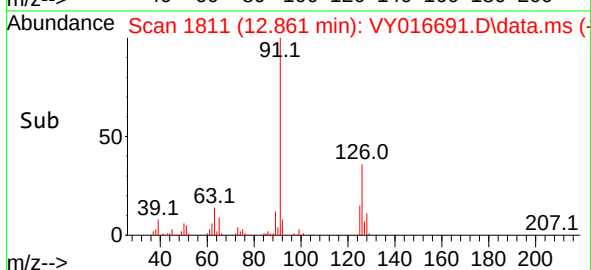
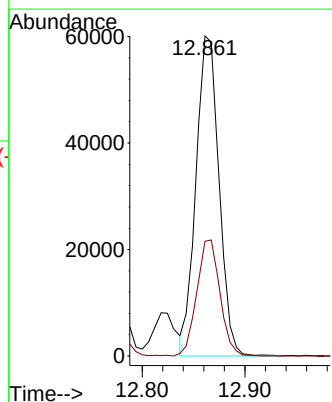
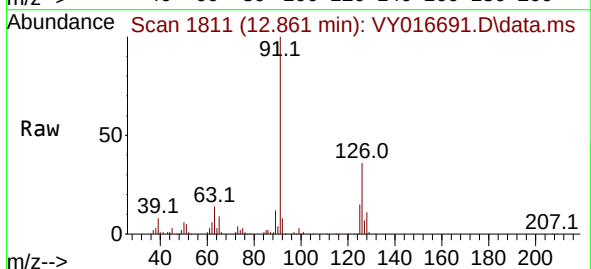
Manual Integrations
APPROVED

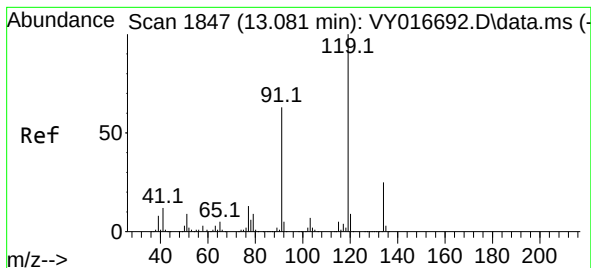
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#82
4-Chlorotoluene
Concen: 20.041 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 91 Resp: 93986
Ion Ratio Lower Upper
91 100
126 36.4 18.0 54.0





#83

tert-Butylbenzene

Concen: 20.145 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

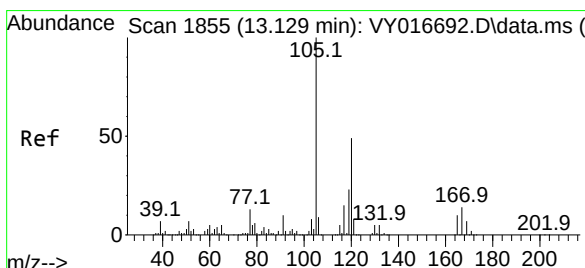
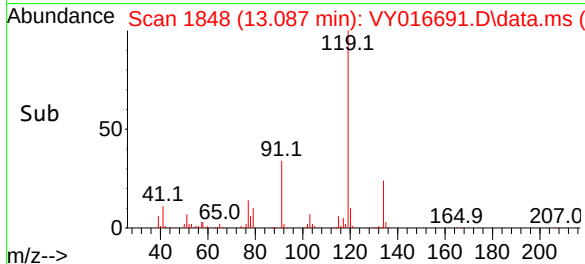
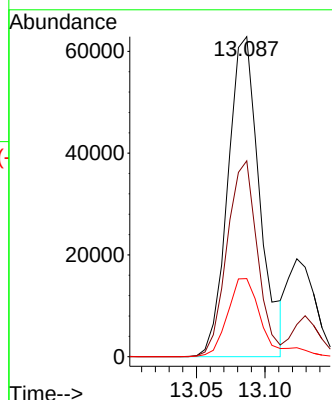
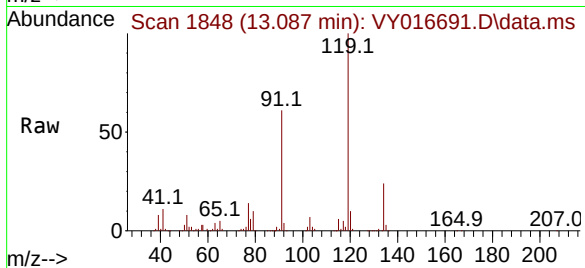
VSTDICC020

Tgt Ion:	119	Resp:	10144
Ion Ratio	Lower	Upper	
119	100		
91	58.8	30.8	92.3
134	26.6	13.3	39.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#84

1,2,4-Trimethylbenzene

Concen: 19.689 ug/l

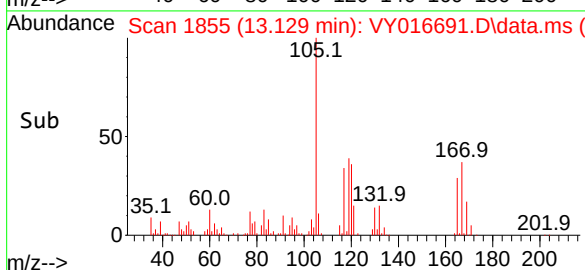
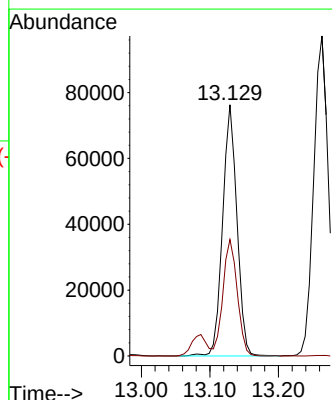
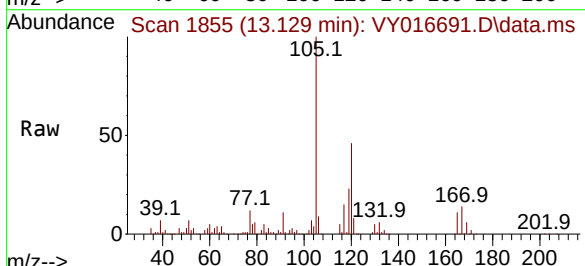
RT: 13.129 min Scan# 1855

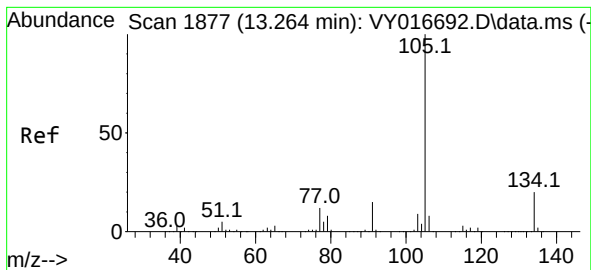
Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Tgt Ion:	105	Resp:	110453
Ion Ratio	Lower	Upper	
105	100		
120	46.0	23.2	69.5





#85

sec-Butylbenzene

Concen: 19.875 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion:105 Resp: 14434

Ion Ratio Lower Upper

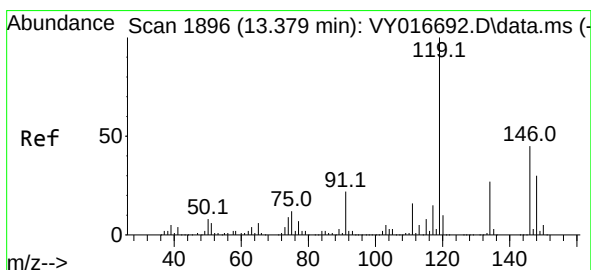
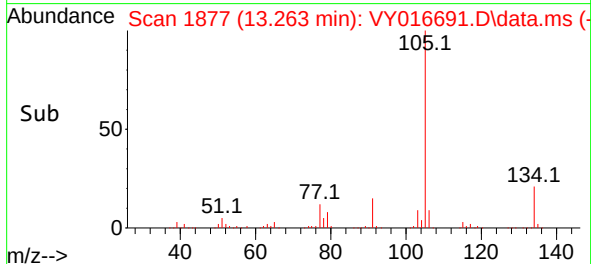
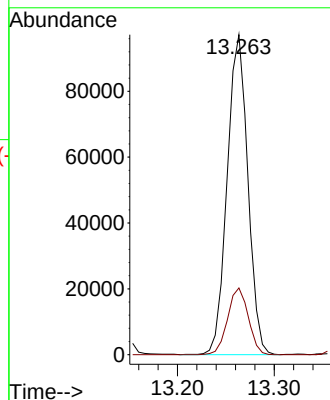
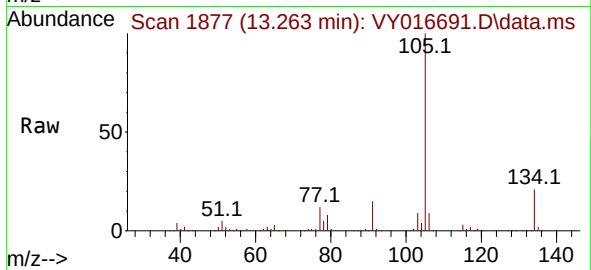
105 100

134 20.8 10.4 31.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#86

p-Isopropyltoluene

Concen: 18.924 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

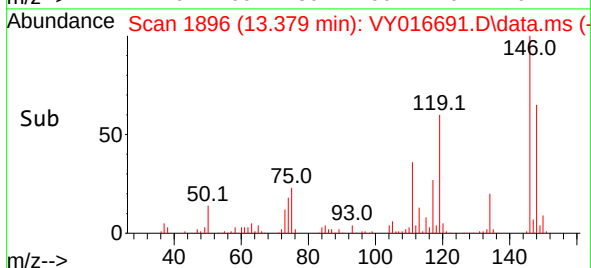
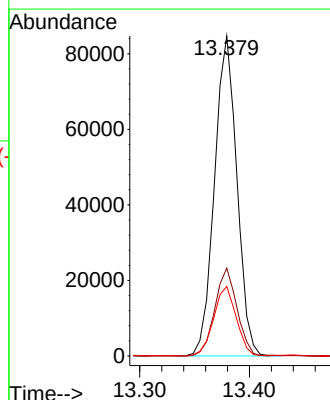
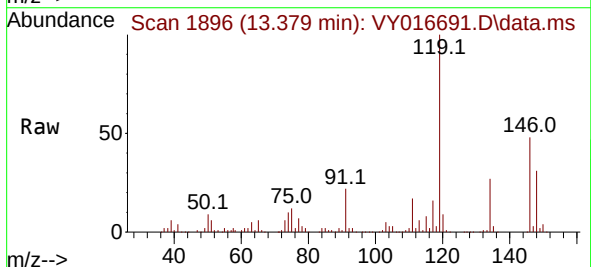
Tgt Ion:119 Resp: 120151

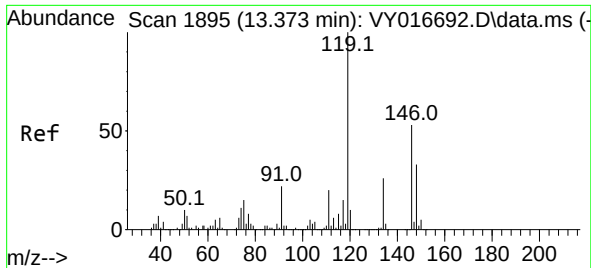
Ion Ratio Lower Upper

119 100

134 27.1 13.4 40.1

91 22.0 11.2 33.5





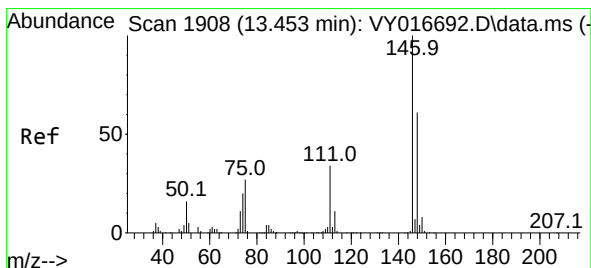
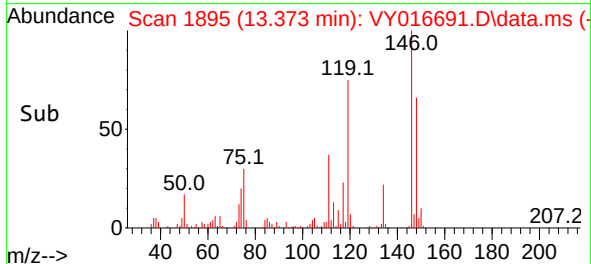
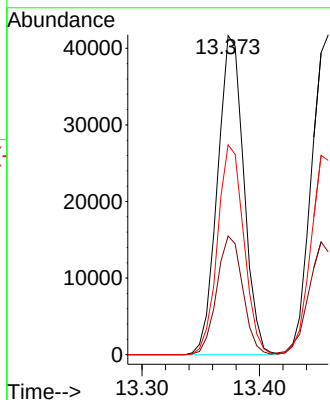
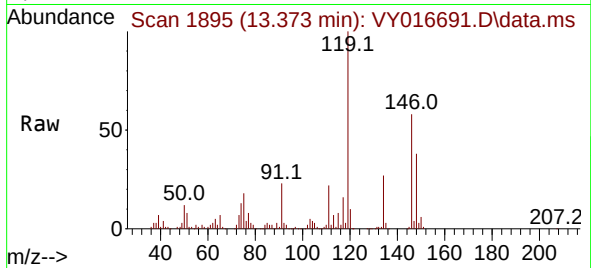
#87
1,3-Dichlorobenzene
Concen: 19.049 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 6491
Ion Ratio Lower Upper
146 100
111 36.7 19.1 57.1
148 65.5 31.6 94.8

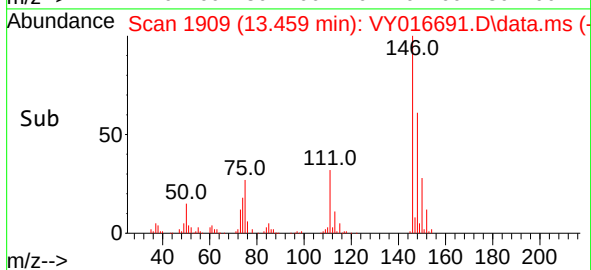
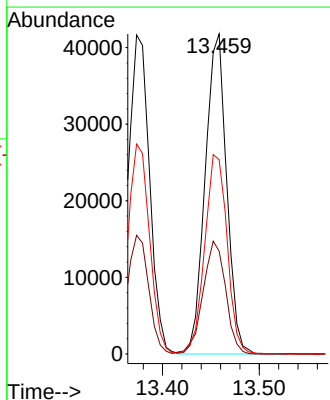
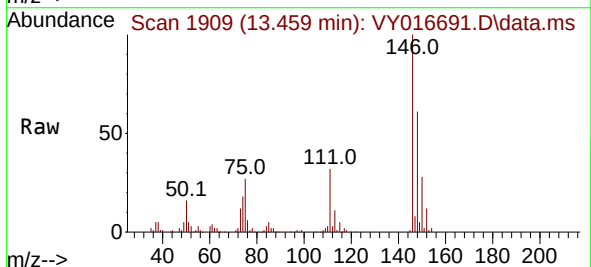
Manual Integrations
APPROVED

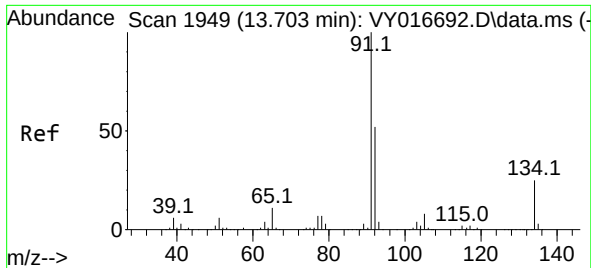
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#88
1,4-Dichlorobenzene
Concen: 19.740 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion:146 Resp: 64443
Ion Ratio Lower Upper
146 100
111 37.3 18.4 55.4
148 64.9 32.0 96.2





#89

n-Butylbenzene

Concen: 19.378 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

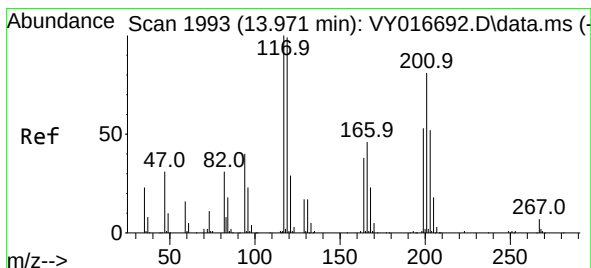
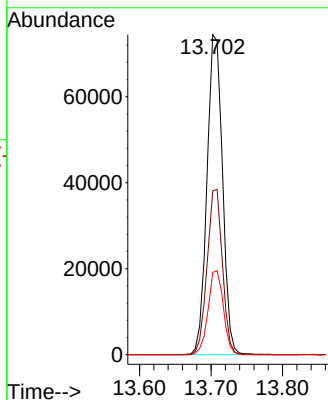
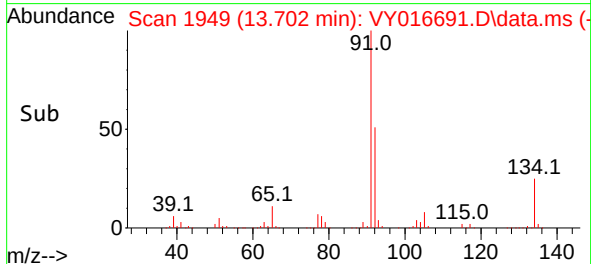
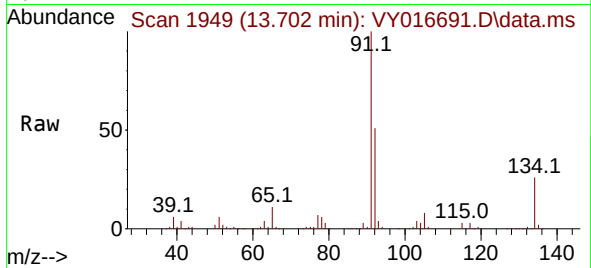
Tgt Ion: 91 Resp: 112470

Ion	Ratio	Lower	Upper
91	100		
92	50.8	26.5	79.5
134	25.9	13.7	41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#90

Hexachloroethane

Concen: 19.040 ug/l

RT: 13.971 min Scan# 1993

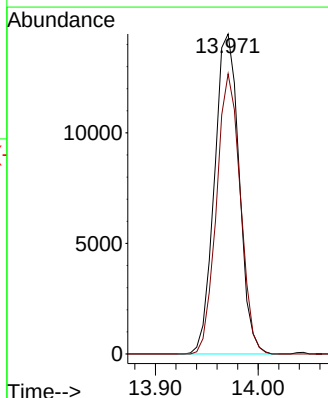
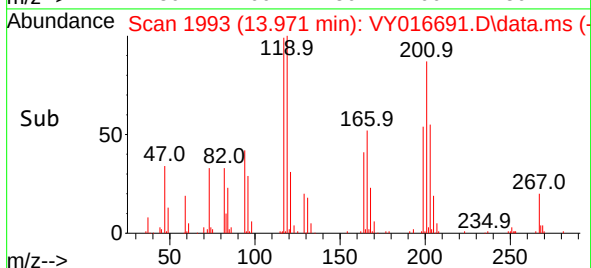
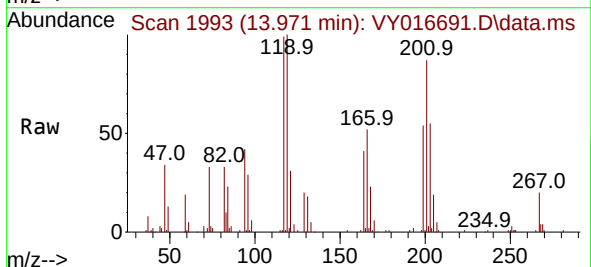
Delta R.T. -0.000 min

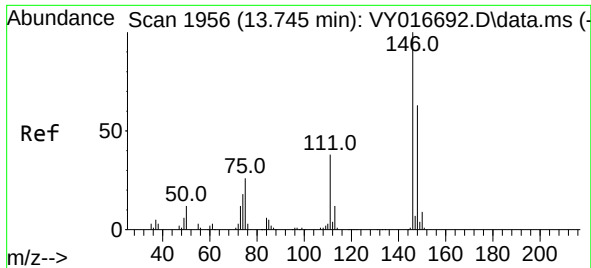
Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Tgt Ion:117 Resp: 24093

Ion	Ratio	Lower	Upper
117	100		
201	84.5	41.5	124.5





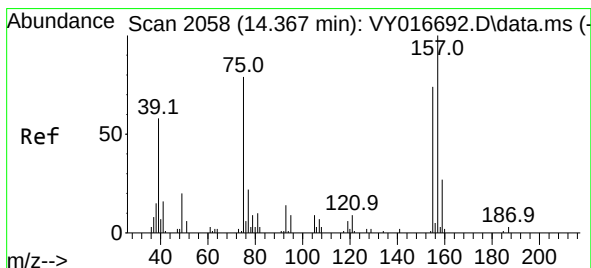
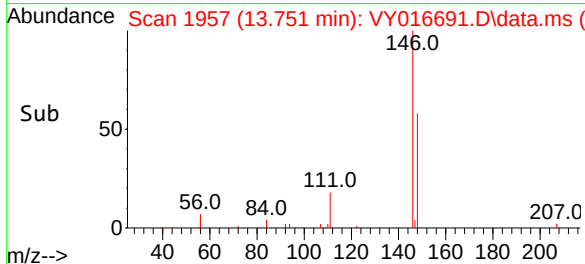
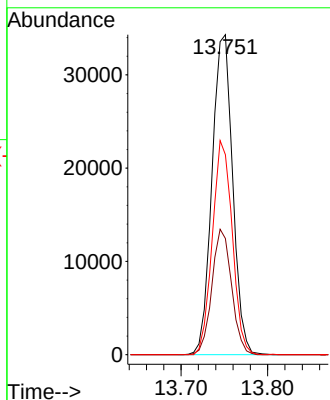
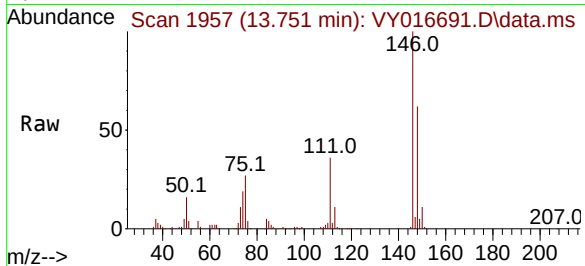
#91
1,2-Dichlorobenzene
Concen: 20.272 ug/l
RT: 13.751 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Tgt Ion:146 Resp: 5675
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 64.6 31.8 95.3

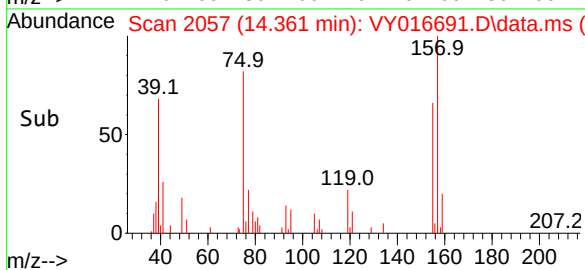
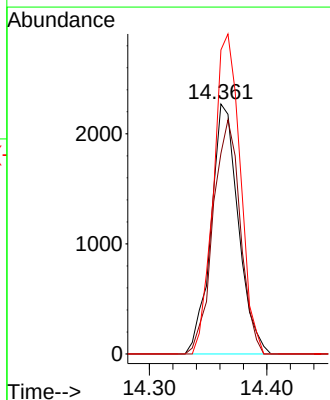
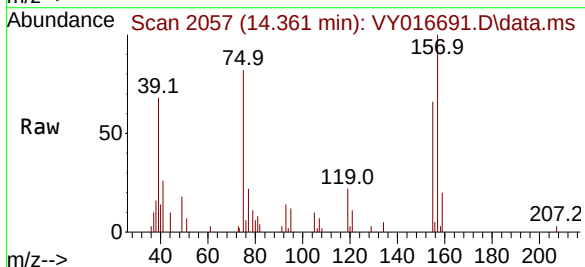
Manual Integrations
APPROVED

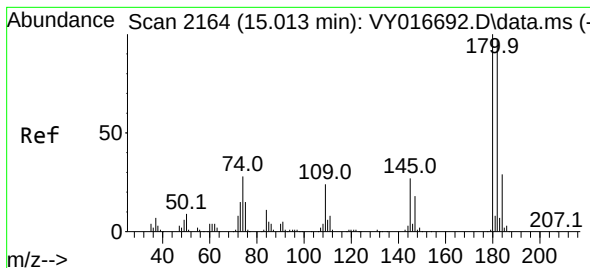
Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.086 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

Tgt Ion: 75 Resp: 3674
Ion Ratio Lower Upper
75 100
155 93.3 49.4 148.2
157 124.7 64.4 193.2





#93

1,2,4-Trichlorobenzene

Concen: 19.191 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

Instrument :

MSVOA_Y

ClientSampleId :

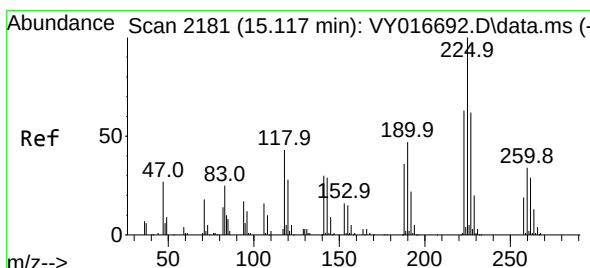
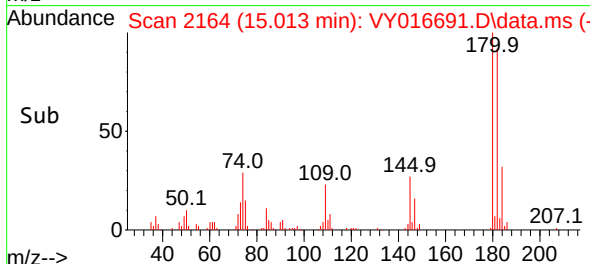
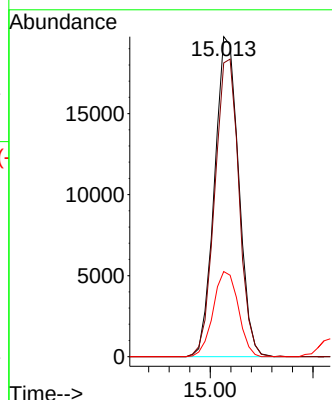
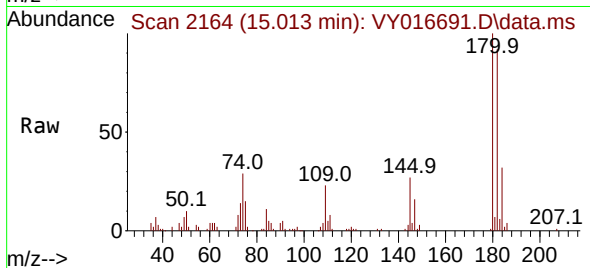
VSTDICC020

Tgt Ion:180	Resp:	3211
Ion Ratio	Lower	Upper
180	100	
182	93.2	47.6 142.9
145	27.6	14.8 44.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#94

Hexachlorobutadiene

Concen: 19.126 ug/l

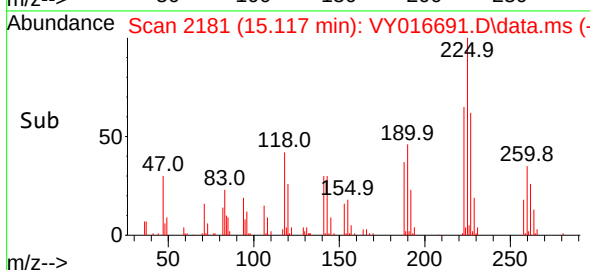
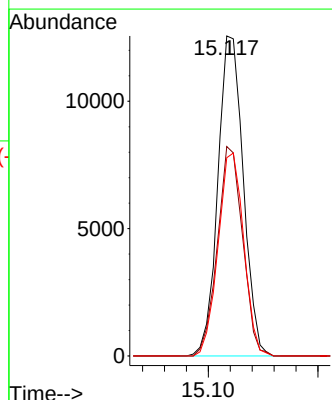
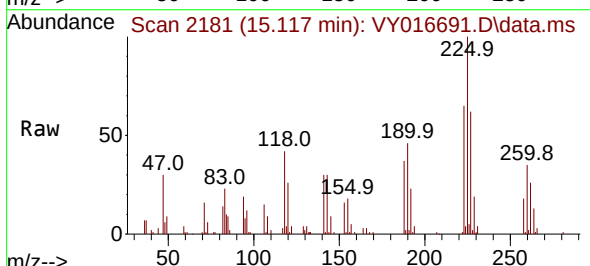
RT: 15.117 min Scan# 2181

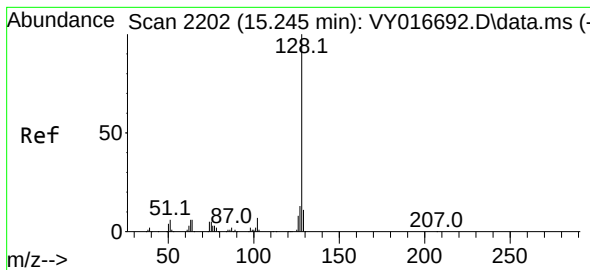
Delta R.T. -0.000 min

Lab File: VY016691.D

Acq: 19 Dec 2023 11:41

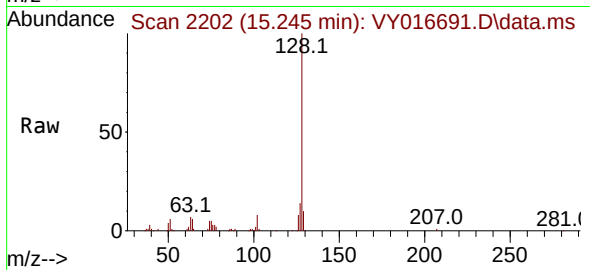
Tgt Ion:225	Resp:	20229
Ion Ratio	Lower	Upper
225	100	
223	65.0	31.4 94.2
227	63.9	31.9 95.9





#95
Naphthalene
Concen: 19.996 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41

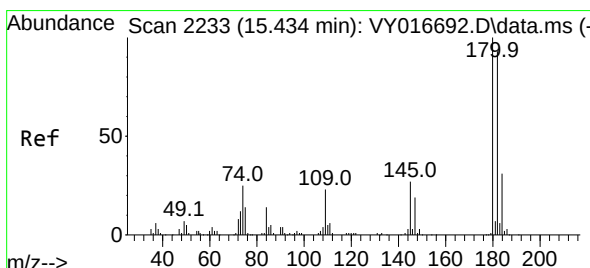
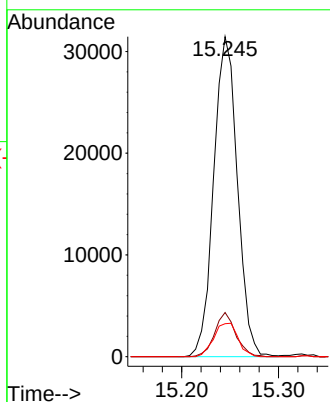
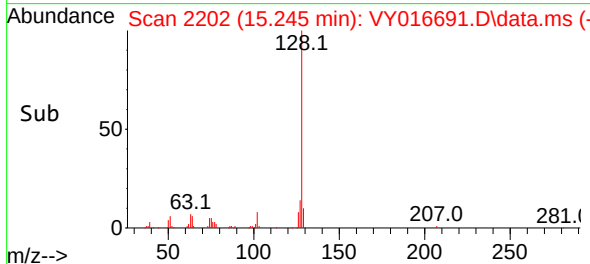
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020



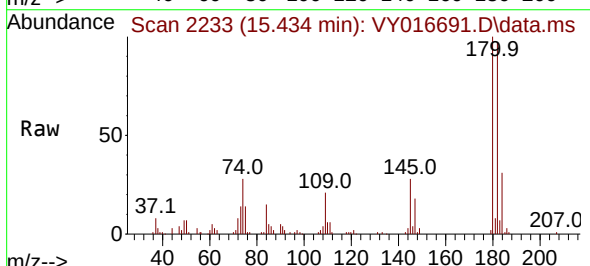
Tgt Ion:128 Resp: 53564
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.7 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/20/2023
Supervised By :Semsettin Yesilyurt 12/20/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.804 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. -0.000 min
Lab File: VY016691.D
Acq: 19 Dec 2023 11:41



Tgt Ion:180 Resp: 28031
Ion Ratio Lower Upper
180 100
182 94.1 47.3 141.8
145 28.0 15.5 46.5

