

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121623\
 Data File : VY016679.D
 Acq On : 16 Dec 2023 19:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Dec 18 00:44:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121523S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 16 00:39:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	299268	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	474842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	424134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	205841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	108331	44.326	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.660%		
35) Dibromofluoromethane	7.728	113	119552	46.938	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.880%		
50) Toluene-d8	10.185	98	452265	45.242	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	90.480%		
62) 4-Bromofluorobenzene	12.489	95	151795	46.505	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	134508	57.670	ug/l	99
3) Chloromethane	2.119	50	158755	43.678	ug/l	98
4) Vinyl Chloride	2.260	62	172501	41.343	ug/l	99
5) Bromomethane	2.662	94	121896	40.818	ug/l	99
6) Chloroethane	2.802	64	118019	43.488	ug/l	97
7) Trichlorofluoromethane	3.137	101	231304	49.634	ug/l	97
8) Diethyl Ether	3.540	74	80614	55.378	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.912	101	154482	53.600	ug/l	97
10) Methyl Iodide	4.107	142	185696	61.906	ug/l	95
11) Tert butyl alcohol	4.972	59	42947	217.451	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	153088	56.343	ug/l	85
13) Acrolein	3.741	56	27607	189.961	ug/l	99
14) Allyl chloride	4.497	41	204640	55.550	ug/l #	88
15) Acrylonitrile	5.180	53	138302	228.302	ug/l	97
16) Acetone	3.960	43	144959	250.901	ug/l #	82
17) Carbon Disulfide	4.210	76	478199	55.646	ug/l	99
18) Methyl Acetate	4.491	43	137541	60.176	ug/l #	85
19) Methyl tert-butyl Ether	5.235	73	326722	51.285	ug/l	99
20) Methylene Chloride	4.735	84	178978	59.340	ug/l #	84
21) trans-1,2-Dichloroethene	5.235	96	157599	49.785	ug/l	92
22) Diisopropyl ether	6.137	45	399252	50.569	ug/l #	85
23) Vinyl Acetate	6.082	43	953615m	245.129	ug/l	
24) 1,1-Dichloroethane	6.039	63	231391	44.911	ug/l	95
25) 2-Butanone	6.997	43	219002	267.229	ug/l #	87
26) 2,2-Dichloropropane	6.997	77	232352	50.796	ug/l	94
27) cis-1,2-Dichloroethene	7.003	96	204629	59.858	ug/l	87
28) Bromochloromethane	7.344	49	98764	53.935	ug/l #	80
29) Tetrahydrofuran	7.362	42	139800	293.840	ug/l #	84
30) Chloroform	7.521	83	315406	58.864	ug/l	95
31) Cyclohexane	7.801	56	244185	50.535	ug/l	91
32) 1,1,1-Trichloroethane	7.716	97	274024	57.006	ug/l	96
36) 1,1-Dichloropropene	7.929	75	234605	55.612	ug/l	98
37) Ethyl Acetate	7.088	43	94877	54.574	ug/l #	92
38) Carbon Tetrachloride	7.911	117	248842	58.724	ug/l	98
39) Methylcyclohexane	9.191	83	290629	54.813	ug/l	92
40) Benzene	8.173	78	716498	57.950	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	48497m	55.380	ug/l	
42) 1,2-Dichloroethane	8.246	62	181376	57.396	ug/l	90
43) Isopropyl Acetate	8.283	43	181880	56.925	ug/l #	87
44) Trichloroethene	8.947	130	204832	59.484	ug/l	96
45) 1,2-Dichloropropane	9.228	63	170402	58.994	ug/l	98
46) Dibromomethane	9.313	93	96281	60.274	ug/l	99
47) Bromodichloromethane	9.502	83	239223	59.271	ug/l	98
48) Methyl methacrylate	9.301	41	105101	59.404	ug/l #	79
49) 1,4-Dioxane	9.307	88	20943	1223.911	ug/l #	62
51) 4-Methyl-2-Pentanone	10.075	43	483985	288.823	ug/l #	86
52) Toluene	10.252	92	460486	59.457	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	225551	59.238	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	273350	59.711	ug/l #	86
55) 1,1,2-Trichloroethane	10.654	97	134890	60.098	ug/l	95
56) Ethyl methacrylate	10.514	69	125821	64.656	ug/l #	78
57) 1,3-Dichloropropane	10.795	76	227914	61.014	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	311767	231.528	ug/l	91
59) 2-Hexanone	10.837	43	337988	245.851	ug/l	83
60) Dibromochloromethane	10.990	129	170694	62.751	ug/l	99
61) 1,2-Dibromoethane	11.093	107	130796	62.089	ug/l	100
64) Tetrachloroethene	10.728	164	218409	62.855	ug/l	97
65) Chlorobenzene	11.520	112	488355	59.031	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	183137	60.530	ug/l	98
67) Ethyl Benzene	11.599	91	865833	58.174	ug/l	97
68) m/p-Xylenes	11.709	106	676220	117.770	ug/l	92
69) o-Xylene	12.038	106	316535	60.269	ug/l	95
70) Styrene	12.050	104	471548	61.970	ug/l	96
71) Bromoform	12.215	173	103740	63.227	ug/l #	98
73) Isopropylbenzene	12.337	105	834692	57.650	ug/l	99
74) N-amyl acetate	12.148	43	152942	56.358	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.587	83	140068	56.865	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	107283m	56.900	ug/l	
77) Bromobenzene	12.617	156	201972	59.540	ug/l	91
78) n-propylbenzene	12.678	91	974422	56.306	ug/l	98
79) 2-Chlorotoluene	12.764	91	547899	57.655	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	690080	59.608	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	45643	55.320	ug/l	88
82) 4-Chlorotoluene	12.861	91	570968	58.101	ug/l	97
83) tert-Butylbenzene	13.081	119	594757	58.876	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	683117	59.496	ug/l	97
85) sec-Butylbenzene	13.258	105	843309	56.892	ug/l	99
86) p-Isopropyltoluene	13.373	119	745022	58.869	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	383574	58.179	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	377326	58.203	ug/l	99
89) n-Butylbenzene	13.703	91	658506	56.011	ug/l	96
90) Hexachloroethane	13.965	117	98951	39.283	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	339091	59.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	12224	34.288	ug/l	88
93) 1,2,4-Trichlorobenzene	15.013	180	103463	33.857	ug/l	99
94) Hexachlorobutadiene	15.117	225	54836	29.896	ug/l	97
95) Naphthalene	15.245	128	194064	37.629	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	86693	34.415	ug/l	99

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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

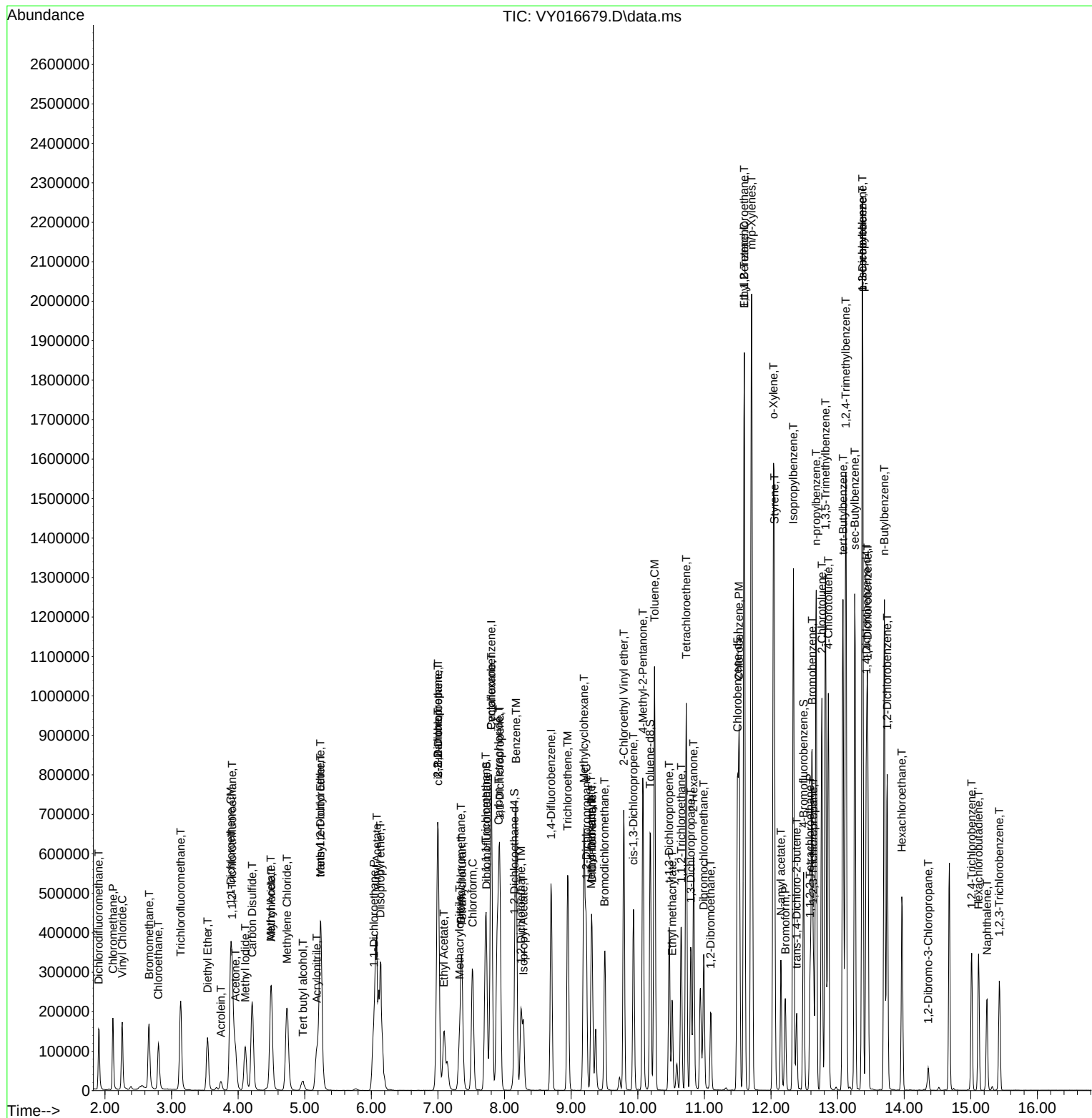
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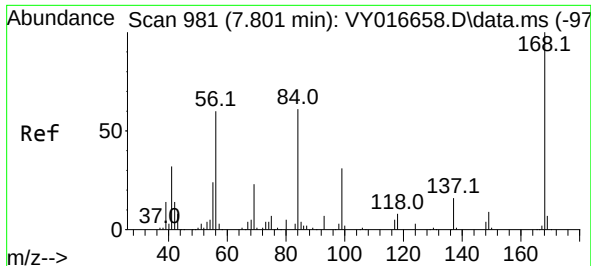
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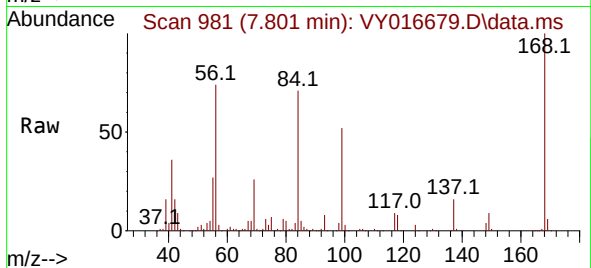
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016679.D
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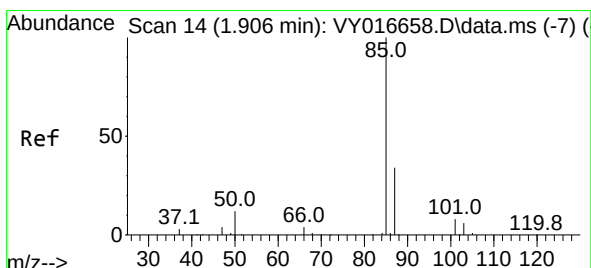
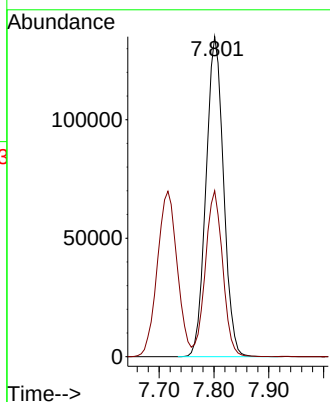
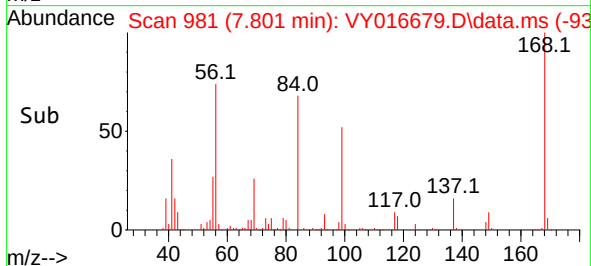
Instrument :
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ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 299268
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0

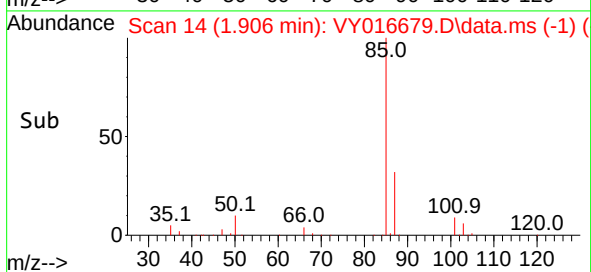
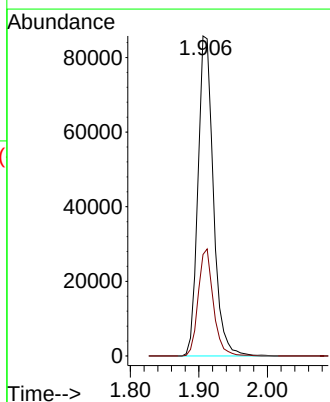
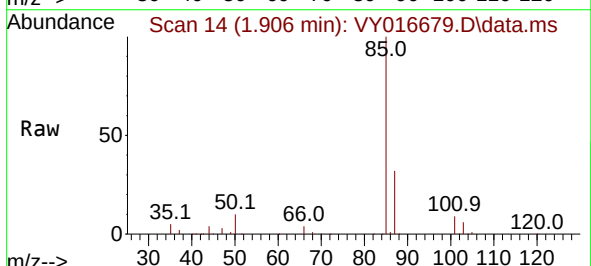
Manual Integrations
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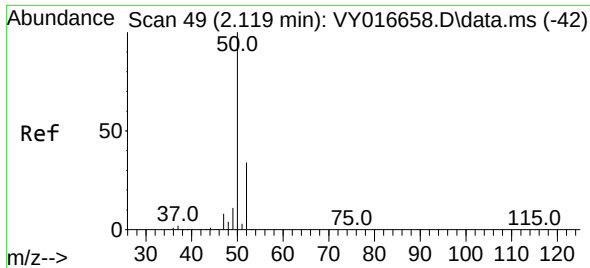
Reviewed By :Mahesh Dadoda 12/18/2023
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#2
Dichlorodifluoromethane
Concen: 57.670 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

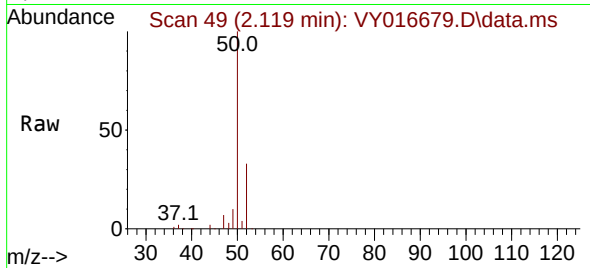
Tgt Ion: 85 Resp: 134508
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3
Chloromethane
Concen: 43.678 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

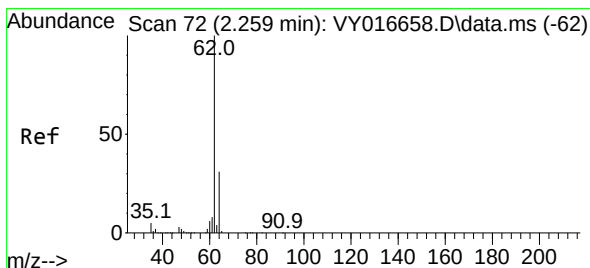
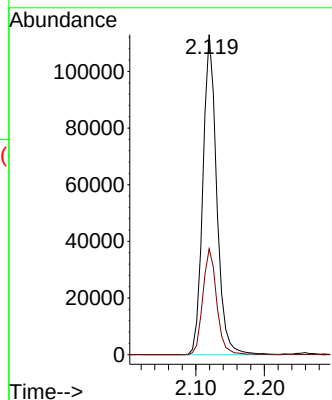
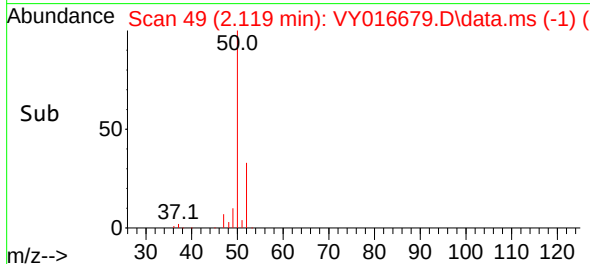
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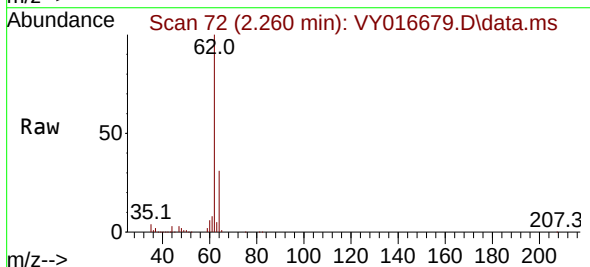
Tgt Ion: 50 Resp: 15875
Ion Ratio Lower Upper
50 100
52 33.1 25.4 38.2

Manual Integrations
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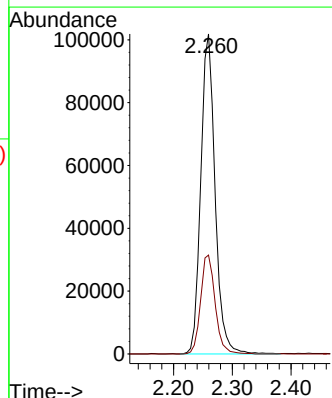
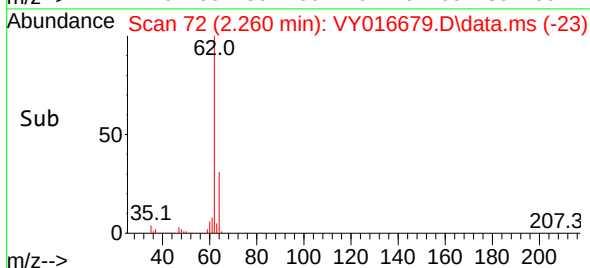
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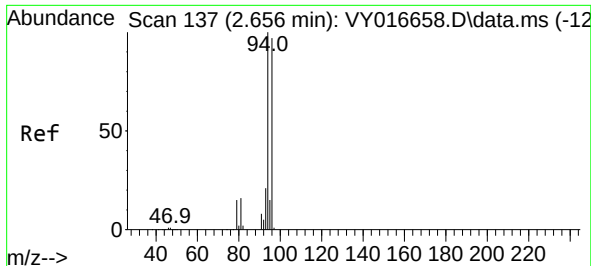


#4
Vinyl Chloride
Concen: 41.343 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



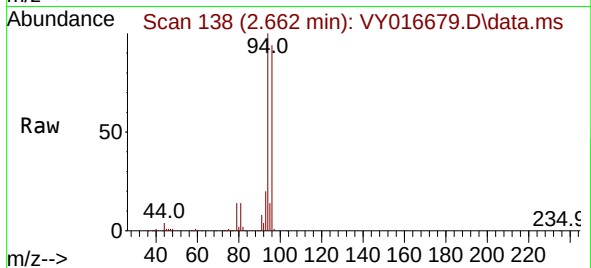
Tgt Ion: 62 Resp: 172501
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5





#5
Bromomethane
Concen: 40.818 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

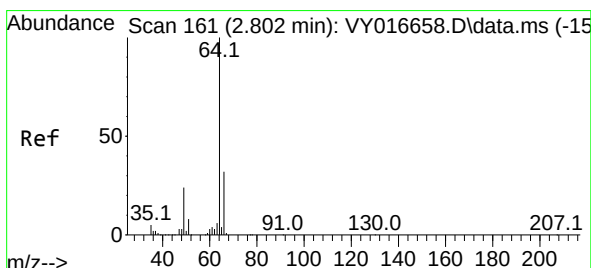
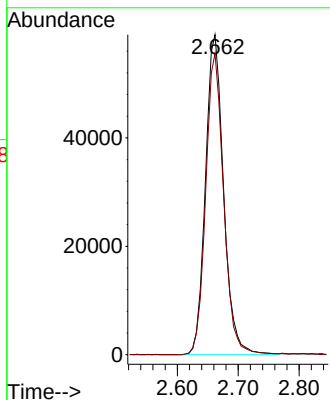
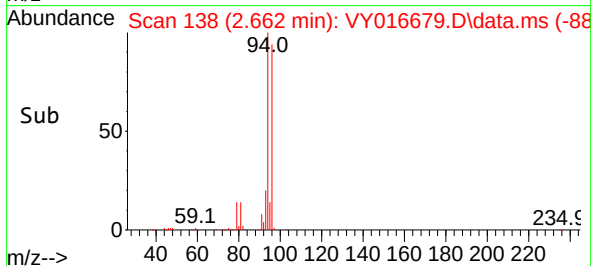
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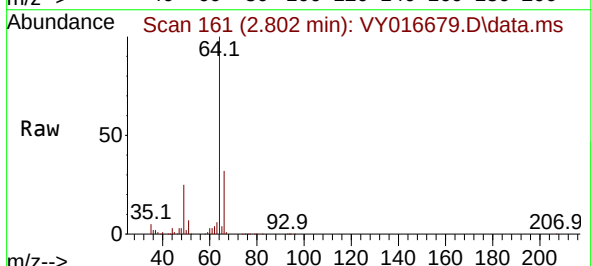
Tgt Ion: 94 Resp: 121890
Ion Ratio Lower Upper
94 100
96 94.2 75.8 113.6

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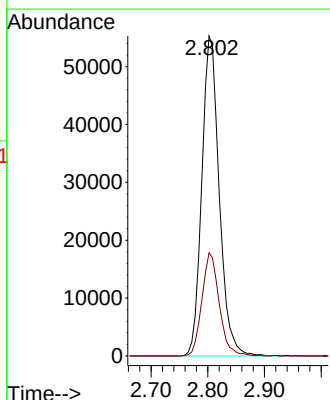
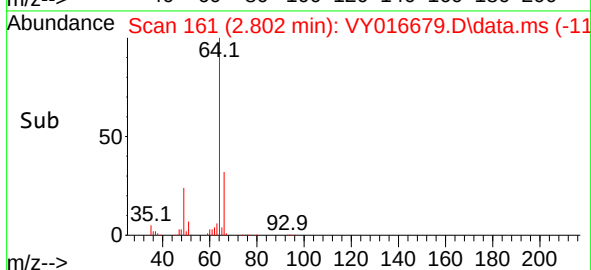
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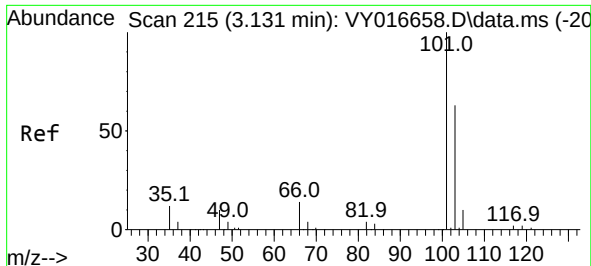


#6
Chloroethane
Concen: 43.488 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY016679.D
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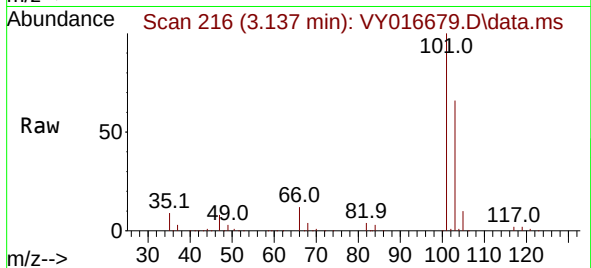
Tgt Ion: 64 Resp: 118019
Ion Ratio Lower Upper
64 100
66 32.3 24.4 36.6





#7
Trichlorofluoromethane
Concen: 49.634 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

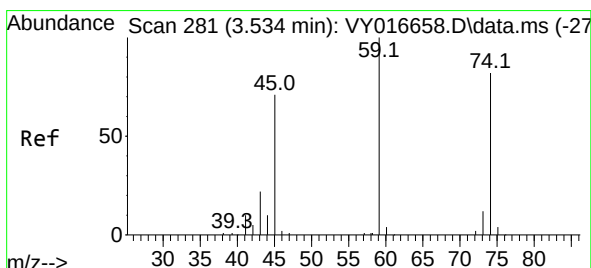
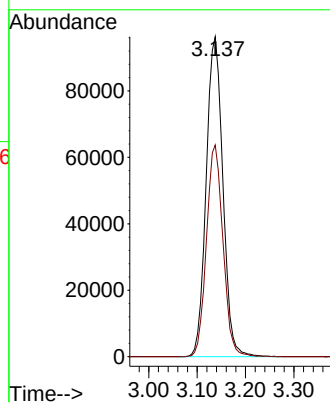
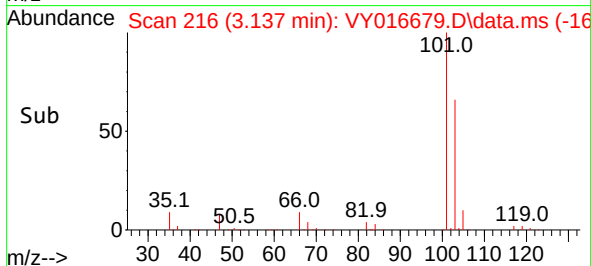
Instrument :
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Tgt Ion:101 Resp: 231304
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.0

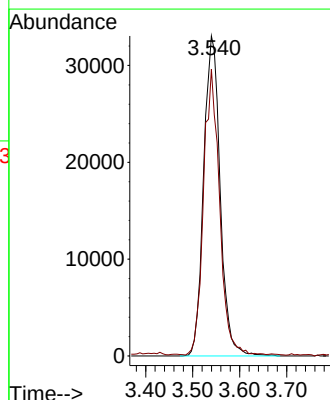
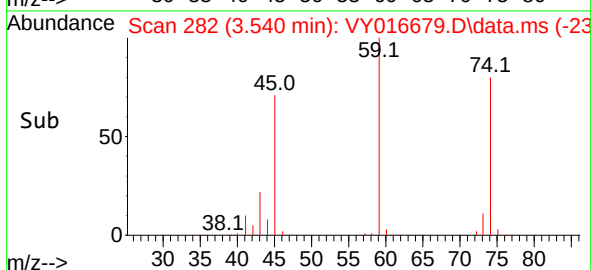
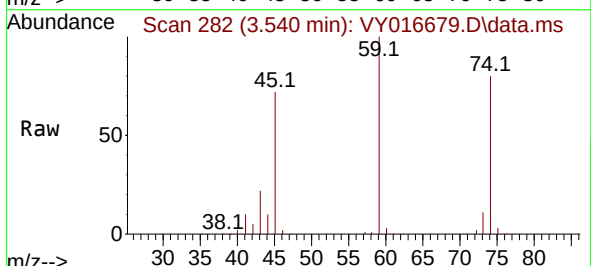
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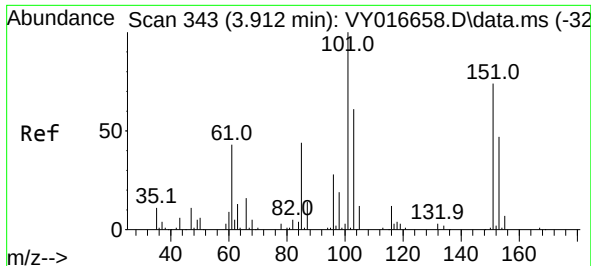
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#8
Diethyl Ether
Concen: 55.378 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016679.D
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Tgt Ion: 74 Resp: 80614
Ion Ratio Lower Upper
74 100
45 86.4 51.5 154.5





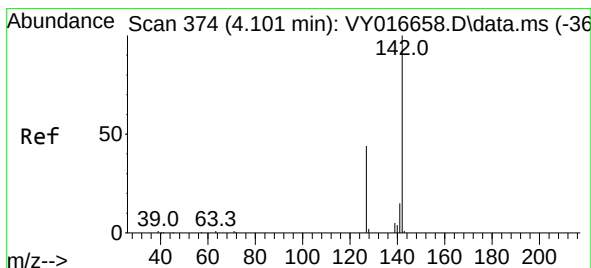
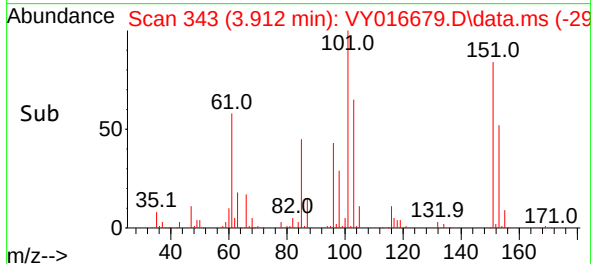
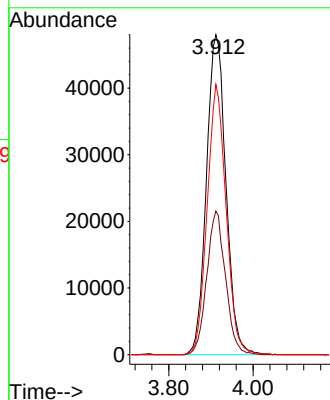
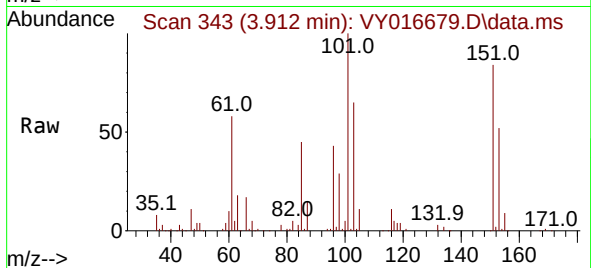
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.600 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 15448
Ion Ratio Lower Upper
101 100
85 43.1 36.6 55.0
151 82.0 67.0 100.6

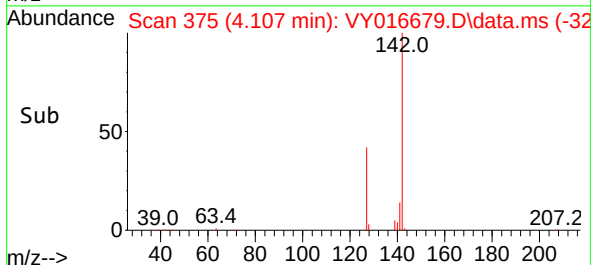
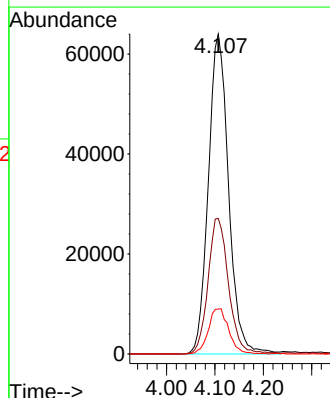
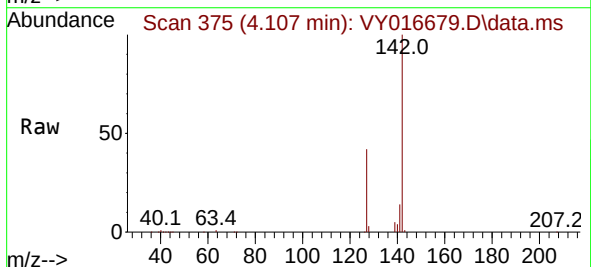
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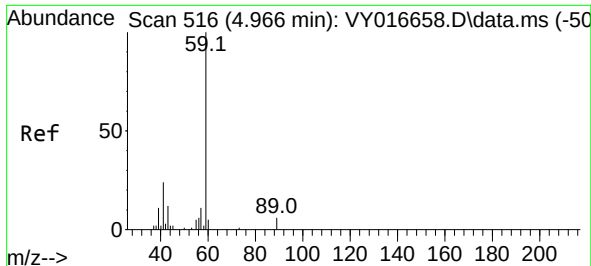
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#10
Methyl Iodide
Concen: 61.906 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:142 Resp: 185696
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 217.451 ug/l

RT: 4.972 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 59 Resp: 4294

Ion Ratio Lower Upper

59 100

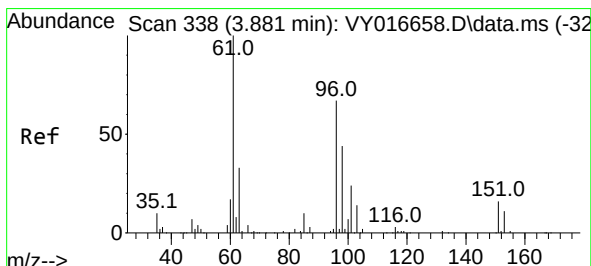
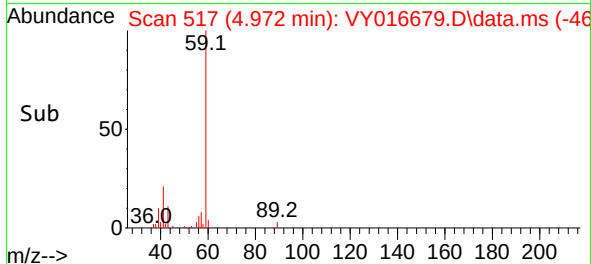
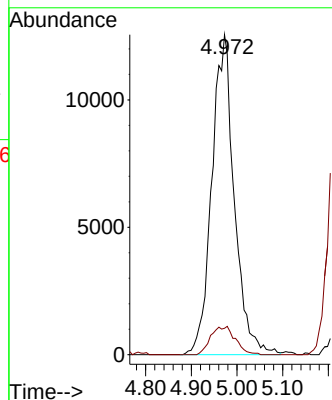
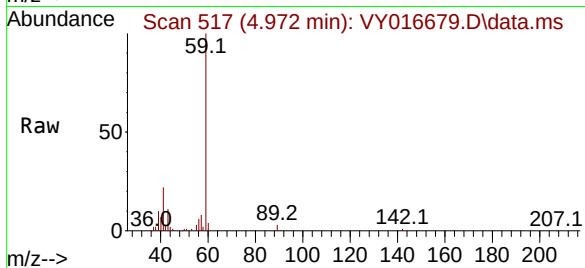
57 9.7 3.0 4.4

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#12

1,1-Dichloroethene

Concen: 56.343 ug/l

RT: 3.887 min Scan# 339

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

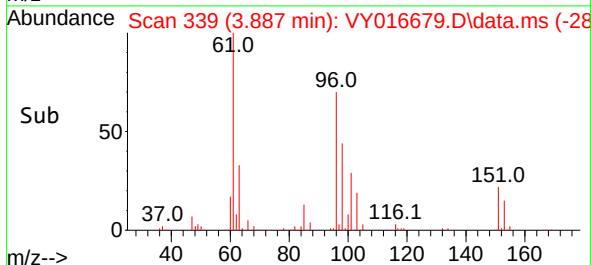
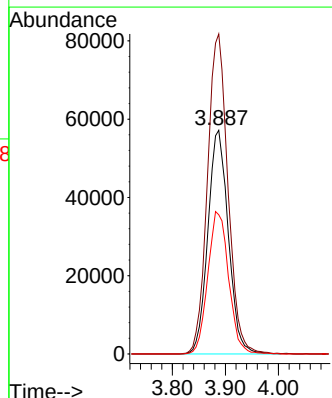
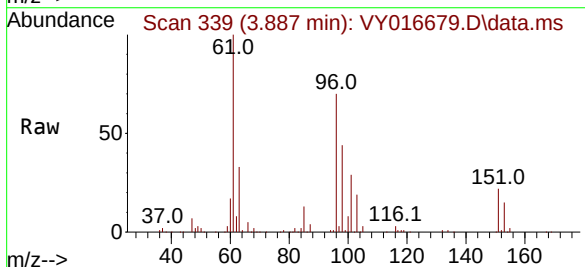
Tgt Ion: 96 Resp: 153088

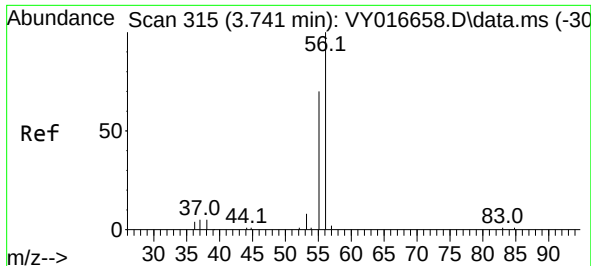
Ion Ratio Lower Upper

96 100

61 143.1 136.4 204.6

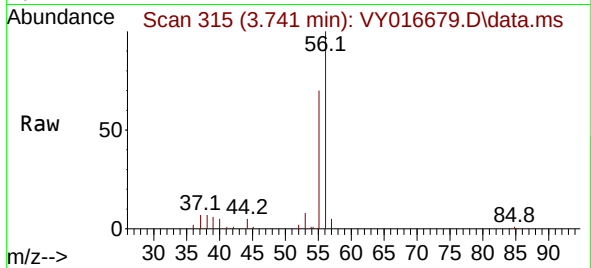
98 62.3 49.4 74.2





#13
Acrolein
Concen: 189.961 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

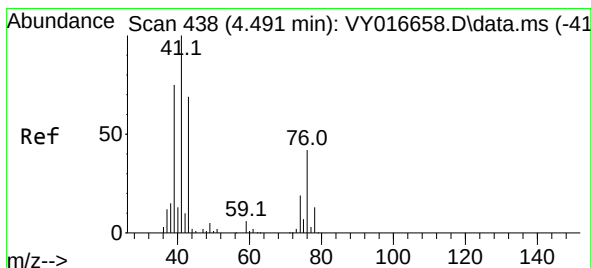
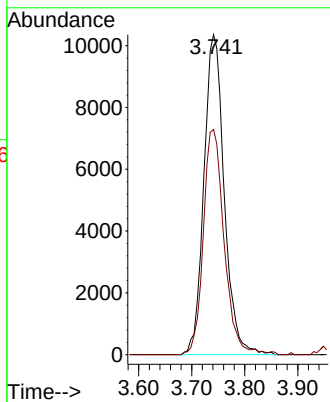
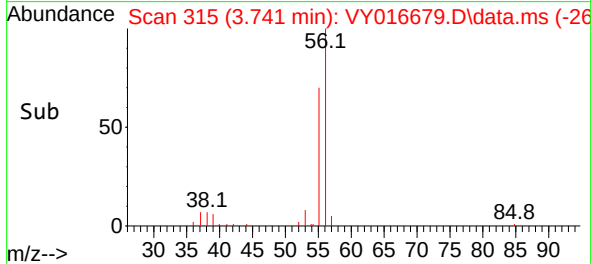
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 2760
Ion Ratio Lower Upper
56 100
55 72.0 57.0 85.4

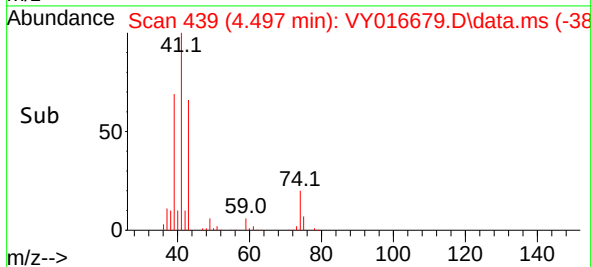
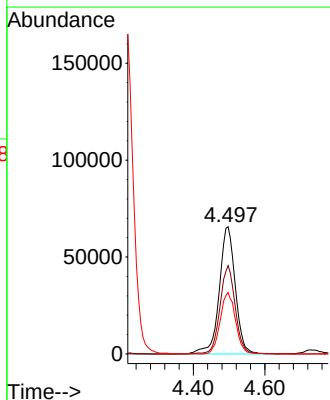
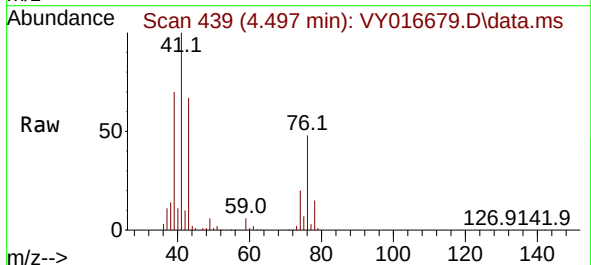
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APPROVED

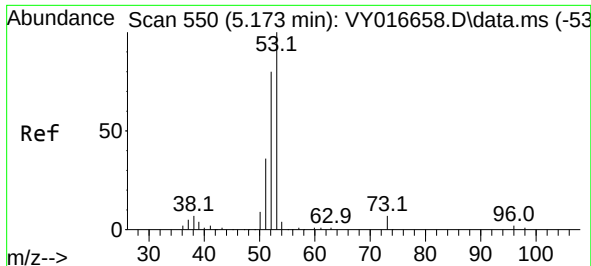
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#14
Allyl chloride
Concen: 55.550 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

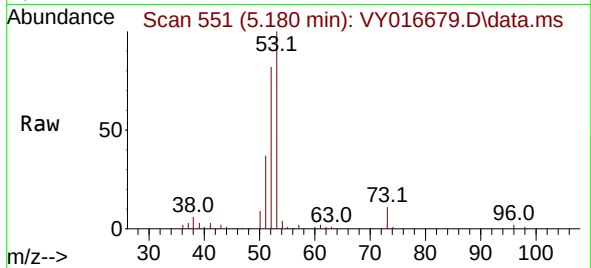
Tgt Ion: 41 Resp: 204640
Ion Ratio Lower Upper
41 100
39 65.9 58.0 87.0
76 46.0 27.4 41.2#





#15
Acrylonitrile
Concen: 228.302 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

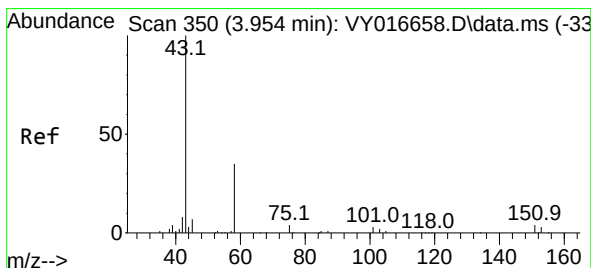
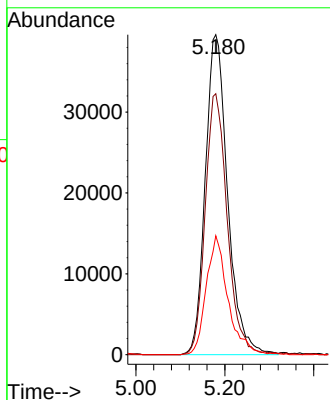
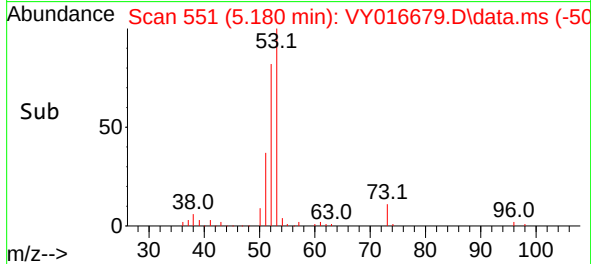
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 138302
Ion Ratio Lower Upper
53 100
52 80.7 66.9 100.3
51 36.3 29.8 44.6

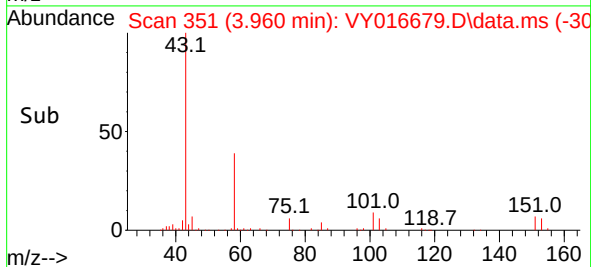
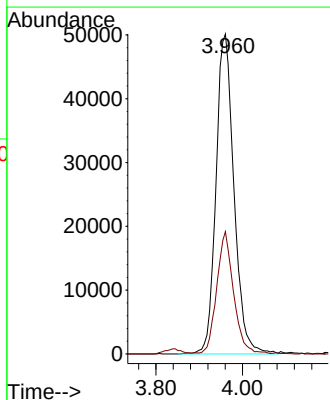
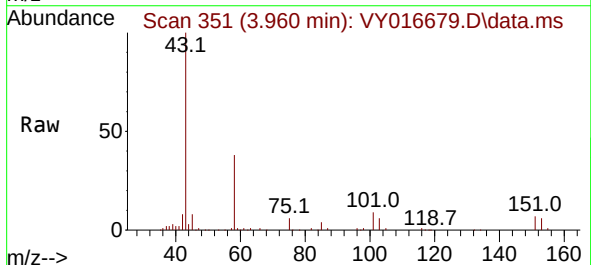
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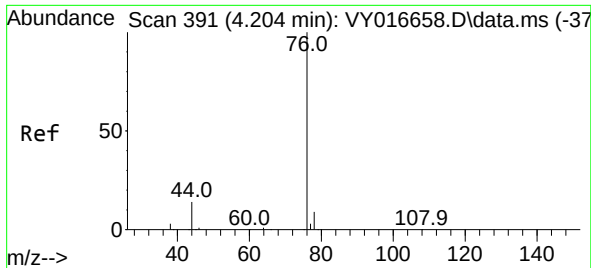
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#16
Acetone
Concen: 250.901 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 43 Resp: 144959
Ion Ratio Lower Upper
43 100
58 38.1 22.7 34.1#





#17

Carbon Disulfide

Concen: 55.646 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 478199

Ion Ratio Lower Upper

76 100

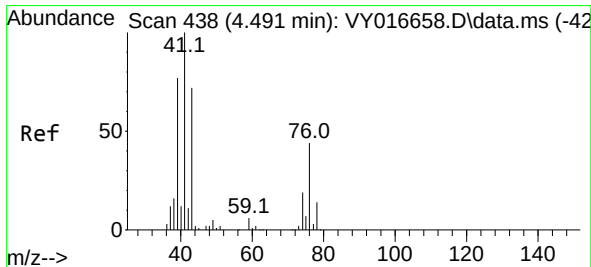
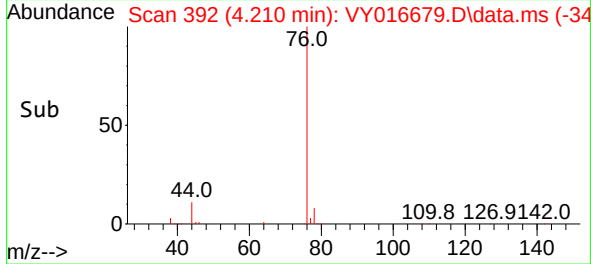
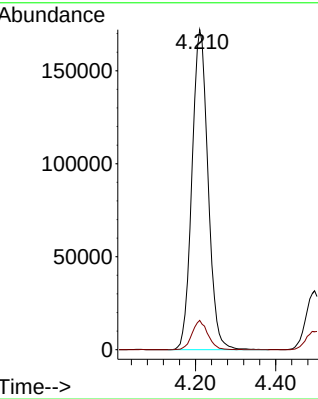
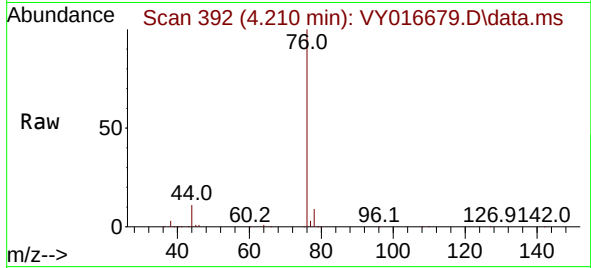
78 9.2 7.0 10.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#18

Methyl Acetate

Concen: 60.176 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY016679.D

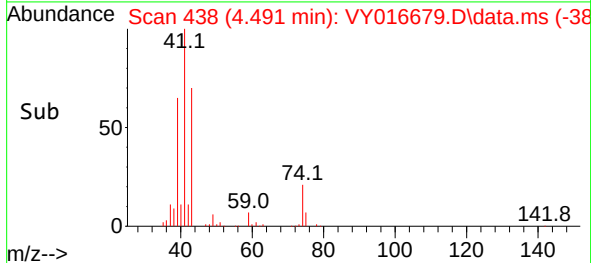
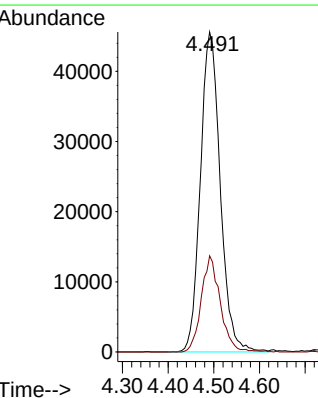
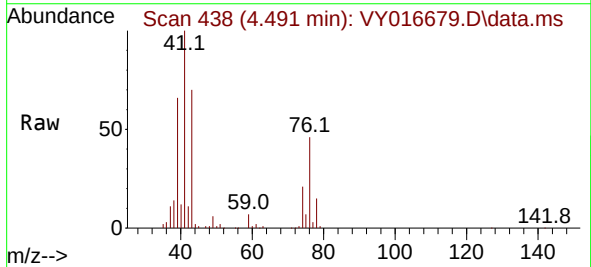
Acq: 16 Dec 2023 19:09

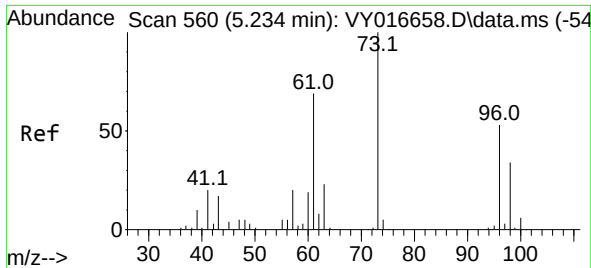
Tgt Ion: 43 Resp: 137541

Ion Ratio Lower Upper

43 100

74 28.7 17.4 26.0#





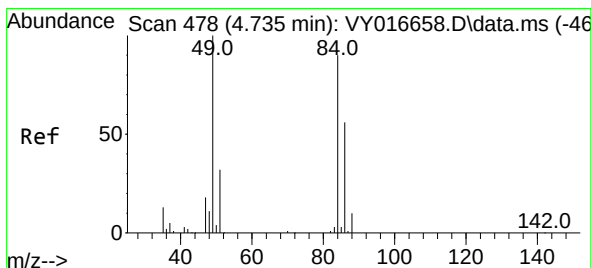
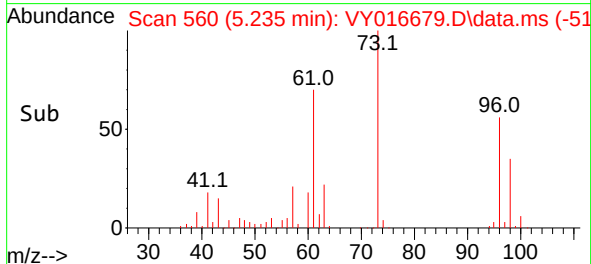
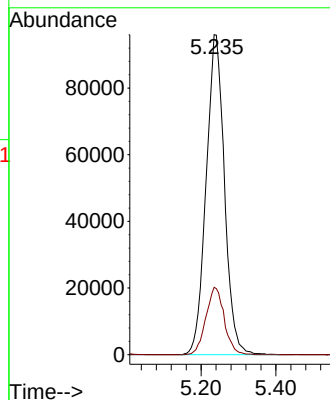
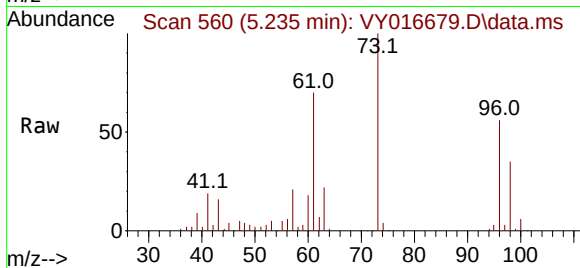
#19
Methyl tert-butyl Ether
Concen: 51.285 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 32672
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

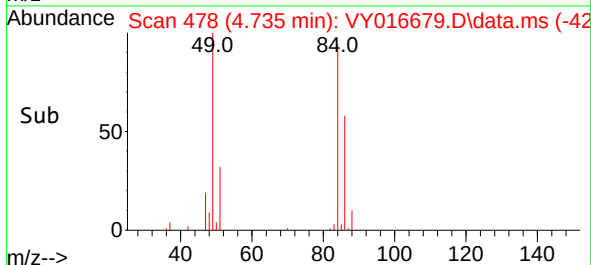
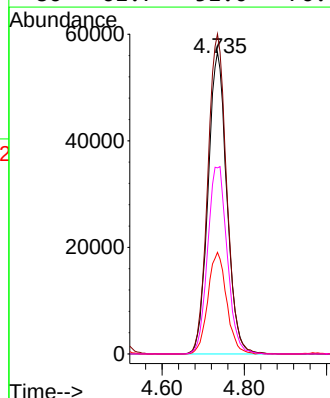
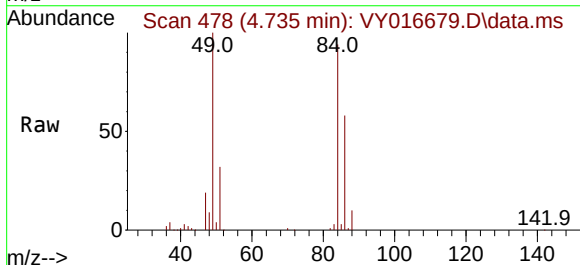
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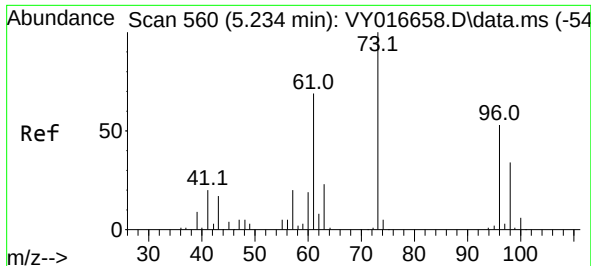
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#20
Methylene Chloride
Concen: 59.340 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

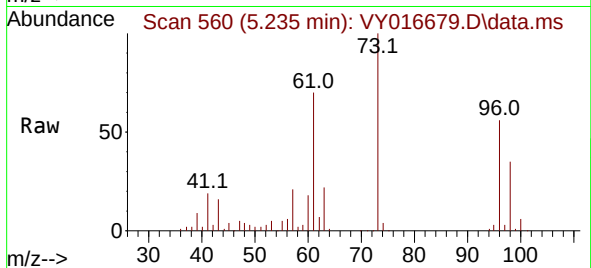
Tgt Ion: 84 Resp: 178978
Ion Ratio Lower Upper
84 100
49 106.0 106.9 160.3#
51 33.7 33.2 49.8
86 61.7 51.0 76.6





#21
trans-1,2-Dichloroethene
Concen: 49.785 ug/l
RT: 5.235 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

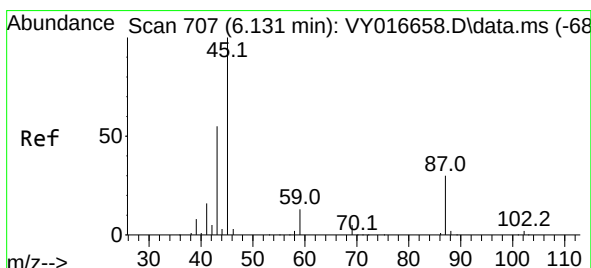
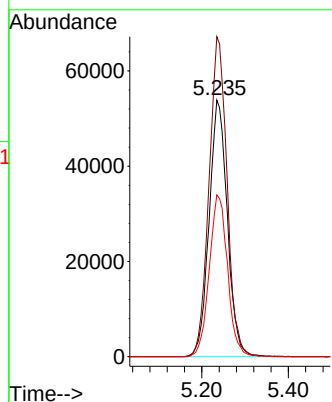
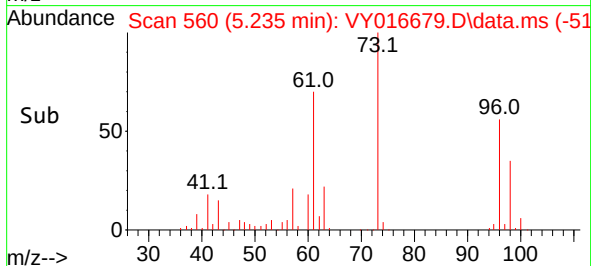
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



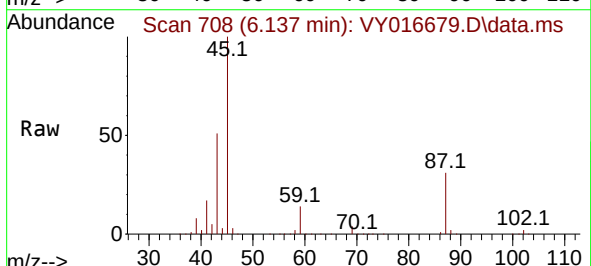
Tgt Ion: 96 Resp: 157599
Ion Ratio Lower Upper
96 100
61 124.7 110.2 165.4
98 63.0 51.8 77.6

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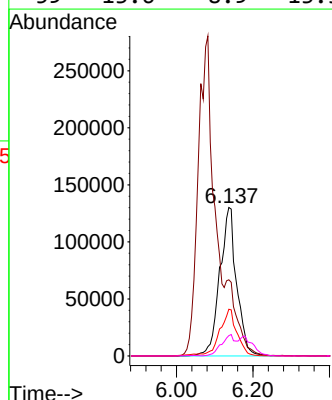
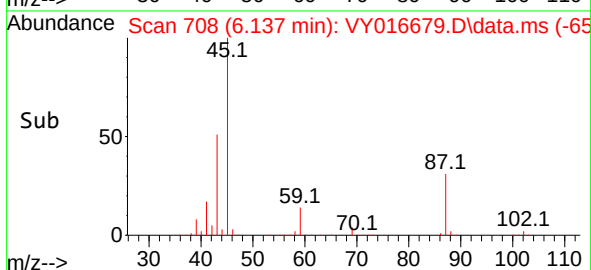
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

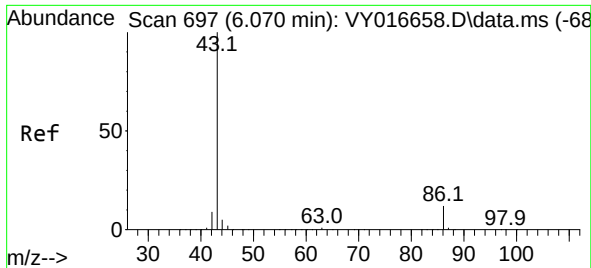


#22
Diisopropyl ether
Concen: 50.569 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



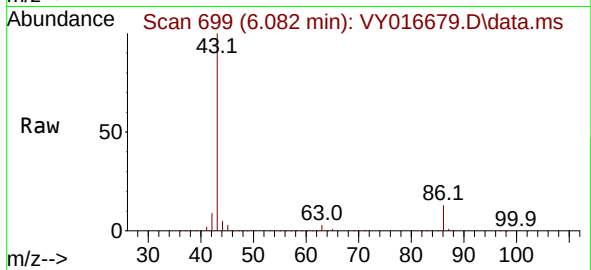
Tgt Ion: 45 Resp: 399252
Ion Ratio Lower Upper
45 100
43 51.1 52.2 78.4#
87 31.4 21.0 31.6
59 13.6 8.9 13.3#





#23
 Vinyl Acetate
 Concen: 245.129 ug/l m
 RT: 6.082 min Scan# 699
 Delta R.T. 0.012 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09

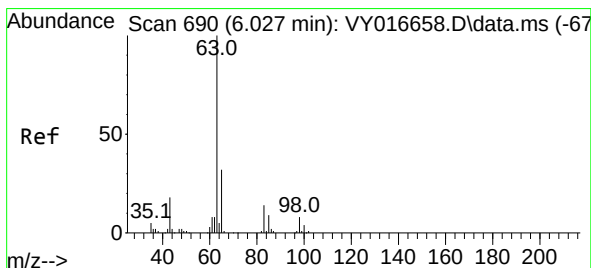
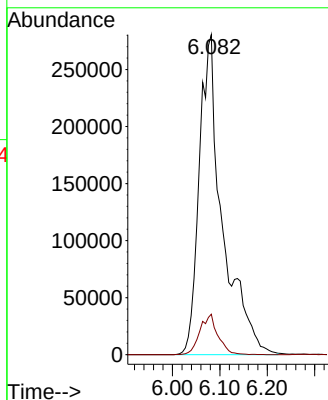
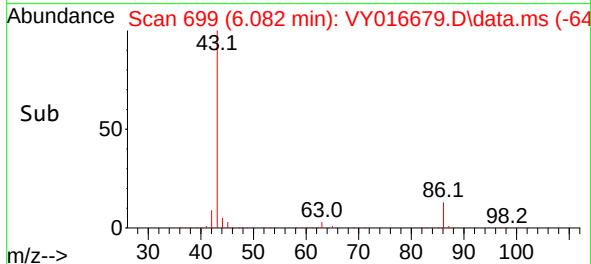
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC



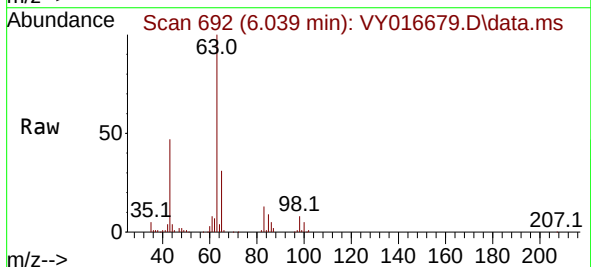
Tgt Ion: 43 Resp: 95361
 Ion Ratio Lower Upper
 43 100
 86 12.6 7.5 11.3

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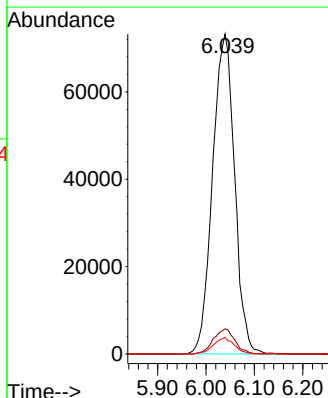
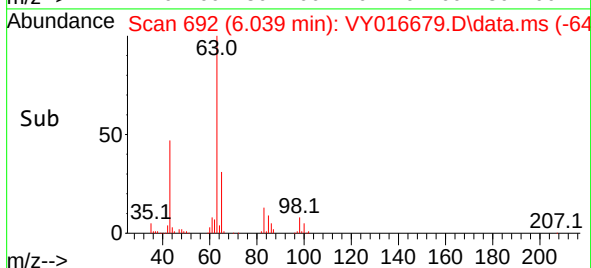
Reviewed By :Mahesh Dadoda 12/18/2023
 Supervised By :Semsettin Yesilyurt 12/18/2023

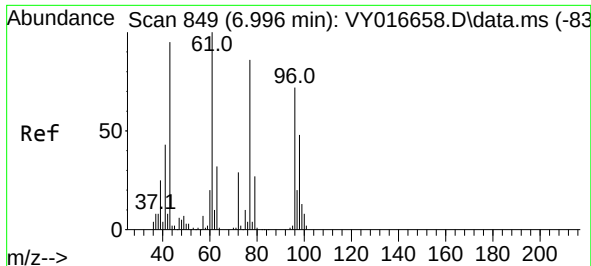


#24
 1,1-Dichloroethane
 Concen: 44.911 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.012 min
 Lab File: VY016679.D
 Acq: 16 Dec 2023 19:09



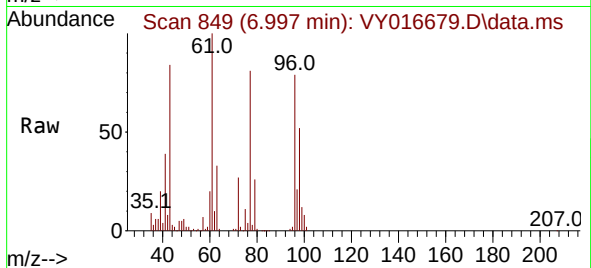
Tgt Ion: 63 Resp: 231391
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.2 1.8 5.5





#25
2-Butanone
Concen: 267.229 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

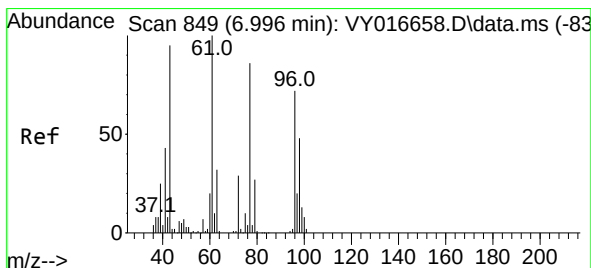
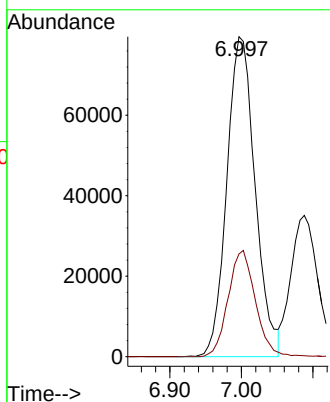
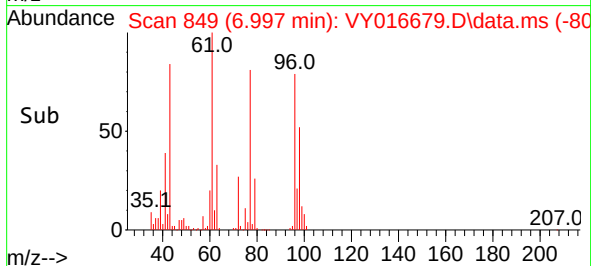
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



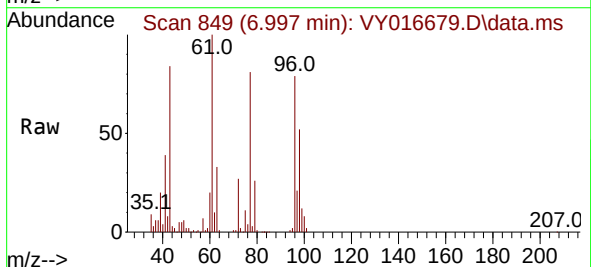
Tgt Ion: 43 Resp: 21900
Ion Ratio Lower Upper
43 100
72 32.1 20.5 30.7

Manual Integrations
APPROVED

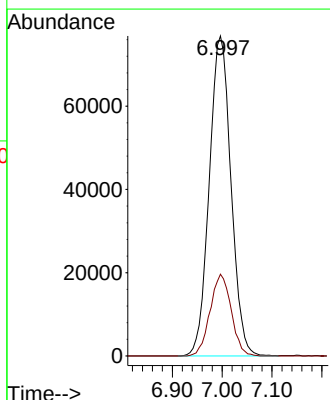
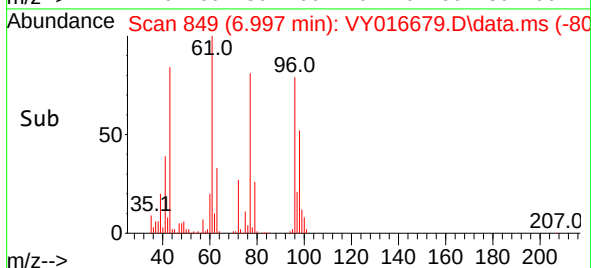
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

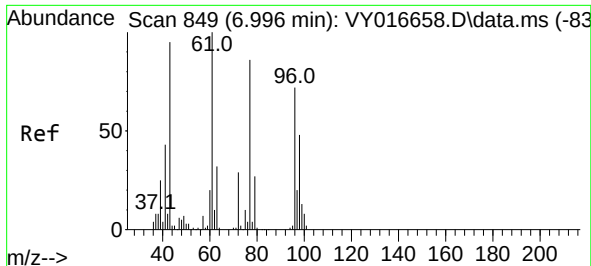


#26
2,2-Dichloropropane
Concen: 50.796 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion: 77 Resp: 232352
Ion Ratio Lower Upper
77 100
97 24.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 59.858 ug/l

RT: 7.003 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

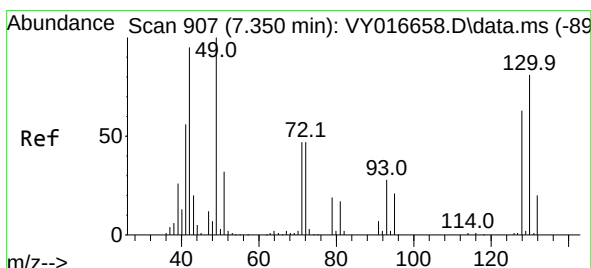
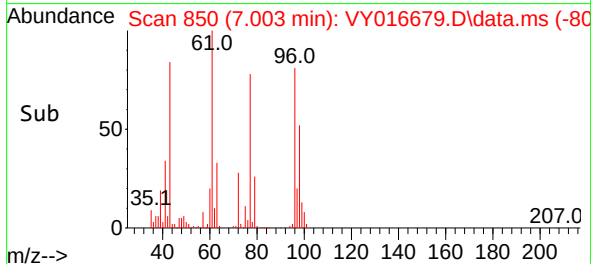
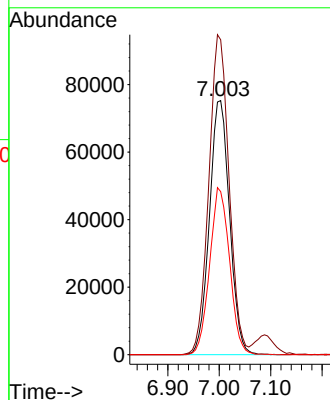
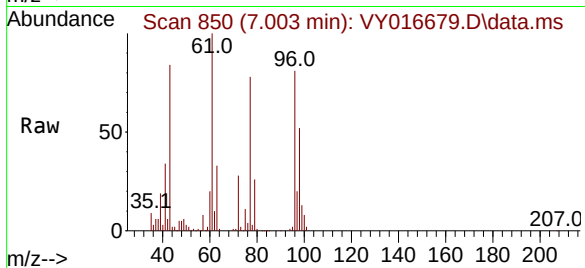
VSTDCCC050EC

Tgt Ion:	96	Resp:	204629
Ion Ratio	Lower	Upper	
96	100		
61	126.6	0.0	301.4
98	65.0	0.0	130.4

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 53.935 ug/l

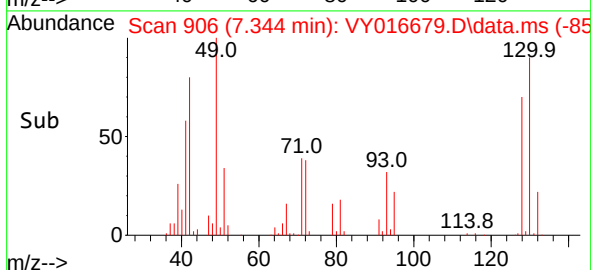
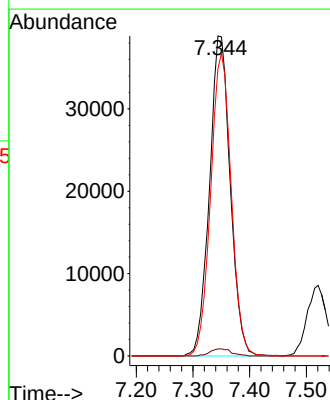
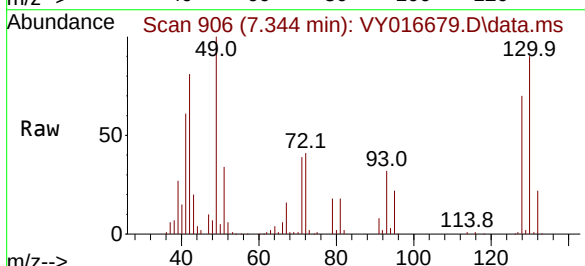
RT: 7.344 min Scan# 906

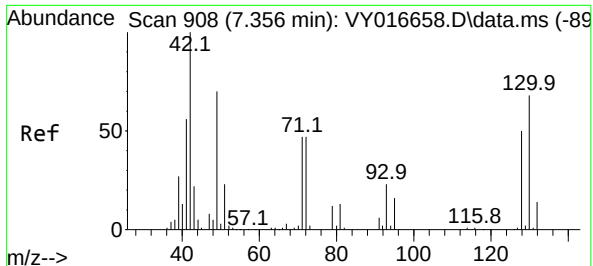
Delta R.T. -0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion:	49	Resp:	98764
Ion Ratio	Lower	Upper	
49	100		
129	2.3	0.0	4.6
130	93.3	60.7	91.1#





#29

Tetrahydrofuran

Concen: 293.840 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 139800

Ion Ratio Lower Upper

42 100

72 50.9 32.8 49.2

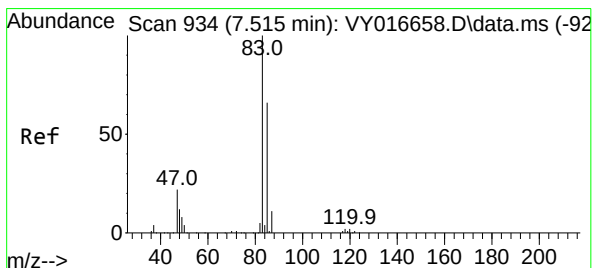
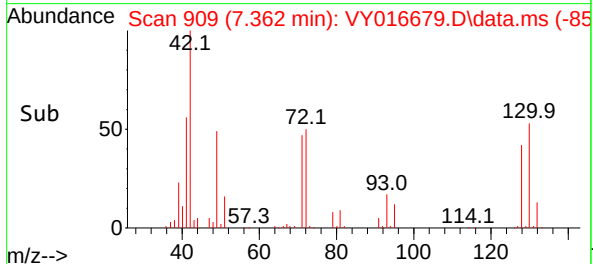
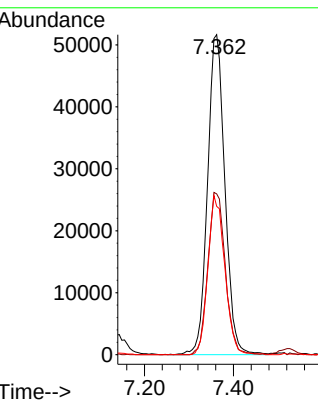
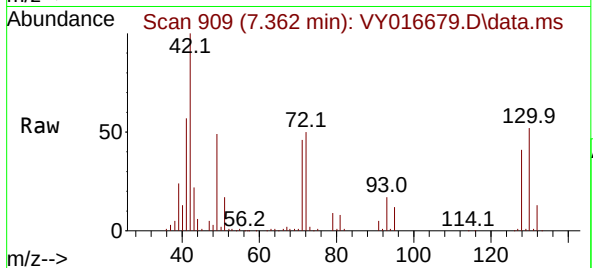
71 48.2 31.0 46.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#30

Chloroform

Concen: 58.864 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016679.D

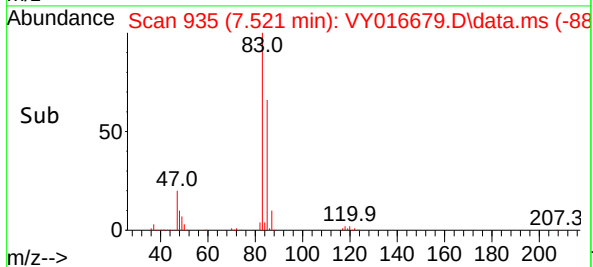
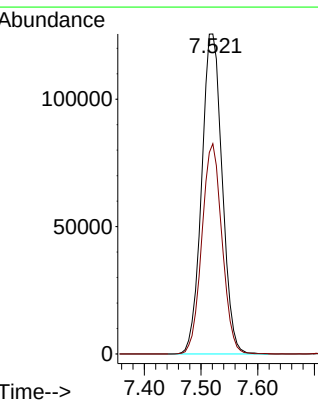
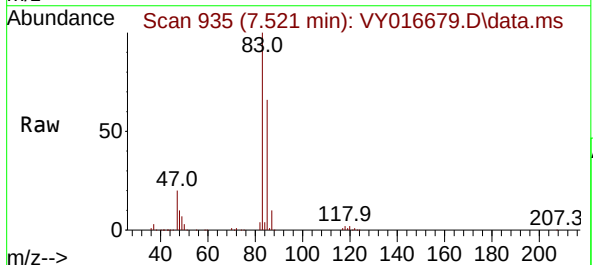
Acq: 16 Dec 2023 19:09

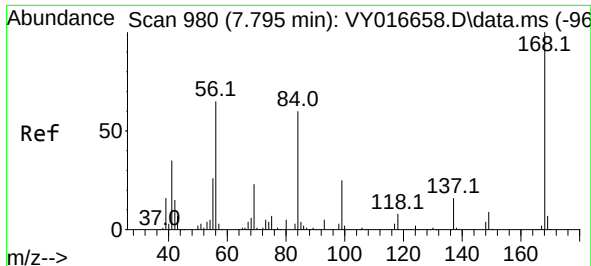
Tgt Ion: 83 Resp: 315406

Ion Ratio Lower Upper

83 100

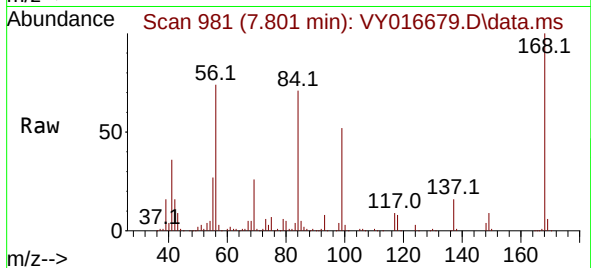
85 65.7 49.7 74.5





#31
Cyclohexane
Concen: 50.535 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

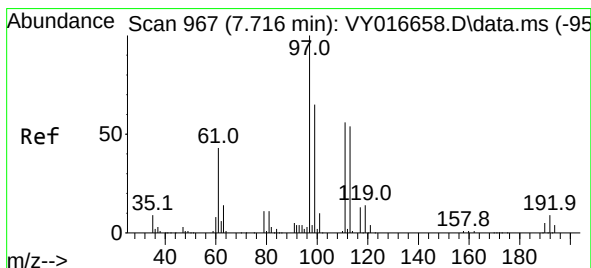
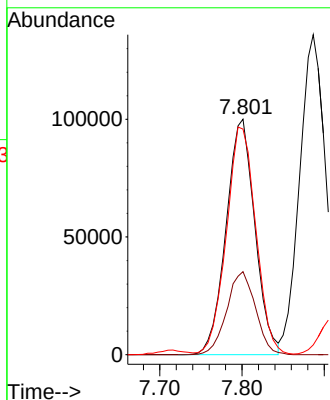
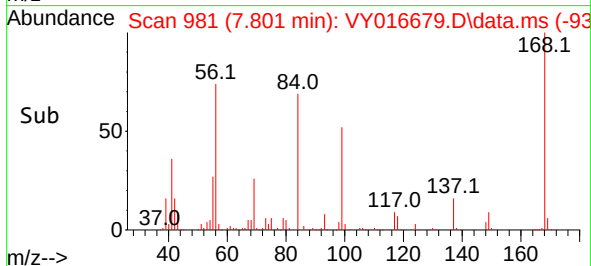
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



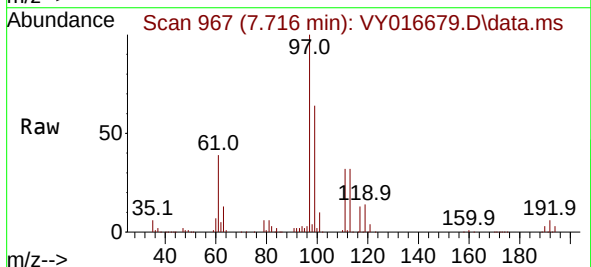
Tgt Ion: 56 Resp: 244185
Ion Ratio Lower Upper
56 100
69 35.2 27.8 41.6
84 94.2 66.4 99.6

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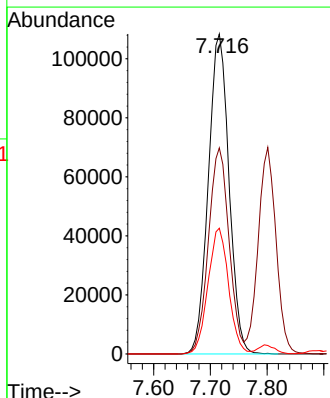
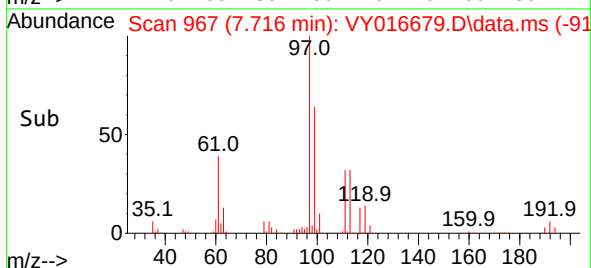
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

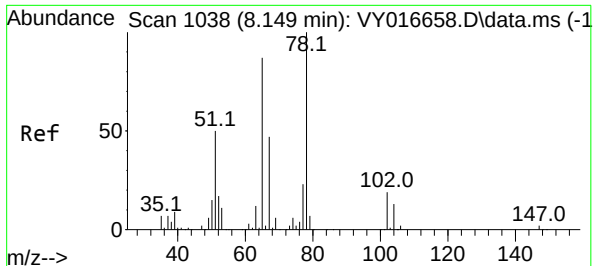


#32
1,1,1-Trichloroethane
Concen: 57.006 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion: 97 Resp: 274024
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 39.3 35.1 52.7





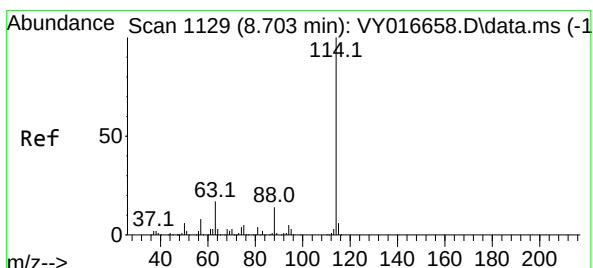
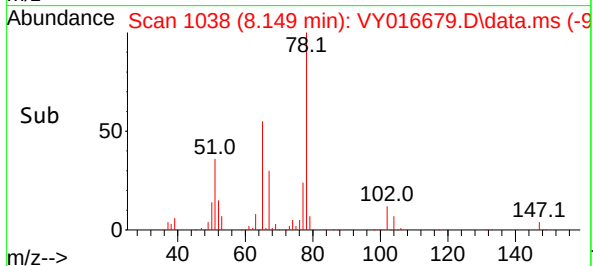
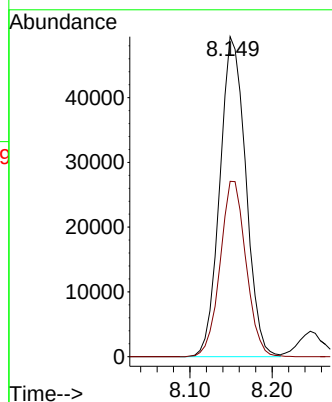
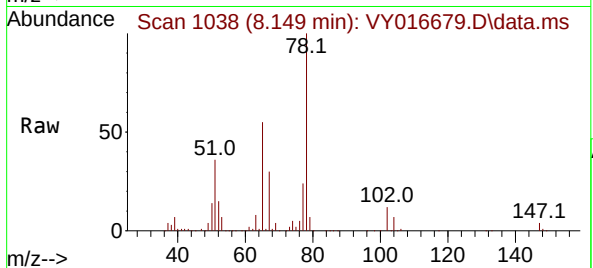
#33
1,2-Dichloroethane-d4
Concen: 44.326 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 65 Resp: 10833
Ion Ratio Lower Upper
65 100
67 54.6 0.0 101.8

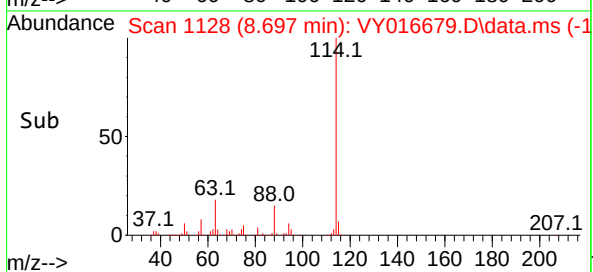
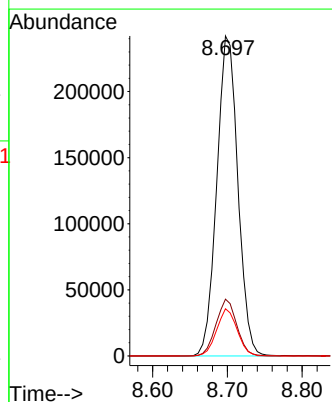
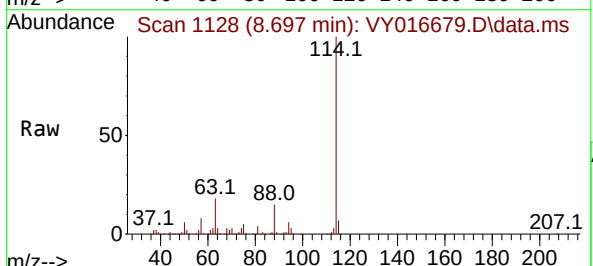
Manual Integrations
APPROVED

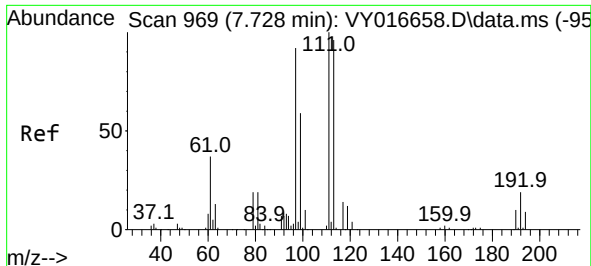
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

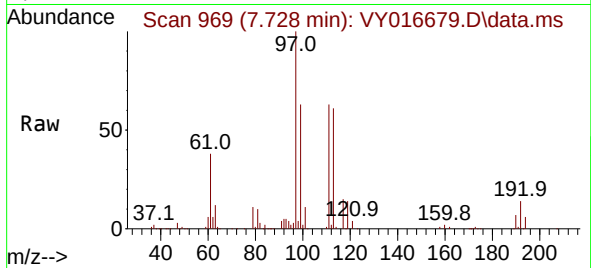
Tgt Ion:114 Resp: 474842
Ion Ratio Lower Upper
114 100
63 17.8 0.0 42.4
88 14.7 0.0 30.6





#35
Dibromofluoromethane
Concen: 46.938 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

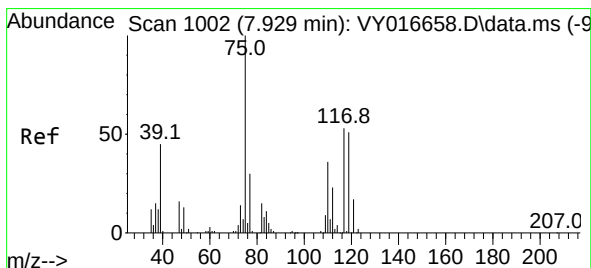
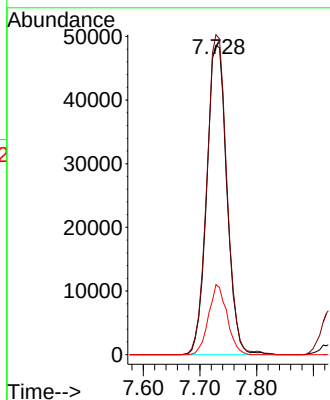
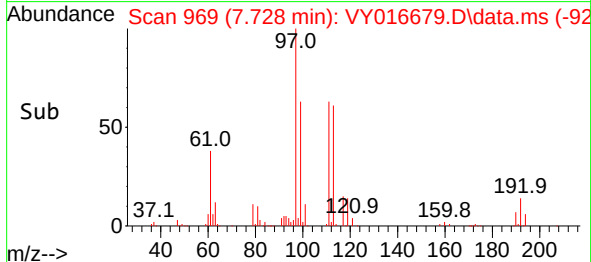
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



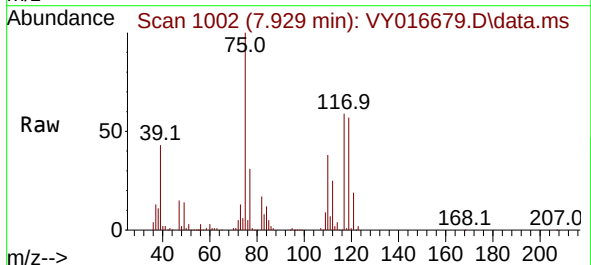
Tgt Ion:113 Resp: 119552
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 20.9 16.9 25.3

Manual Integrations
APPROVED

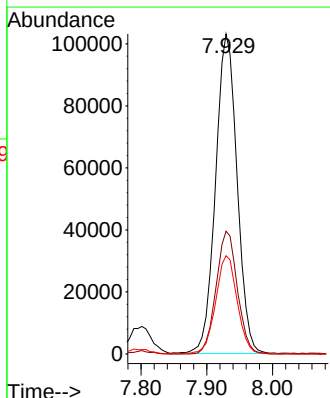
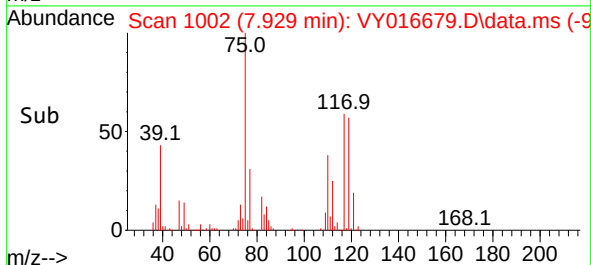
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

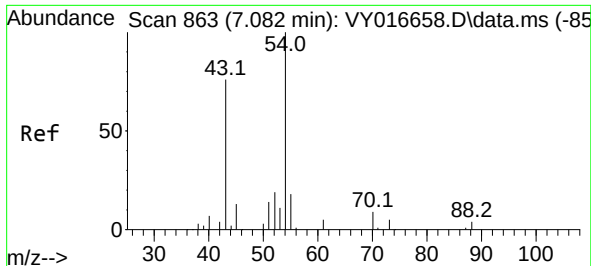


#36
1,1-Dichloropropene
Concen: 55.612 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion: 75 Resp: 234605
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 54.574 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

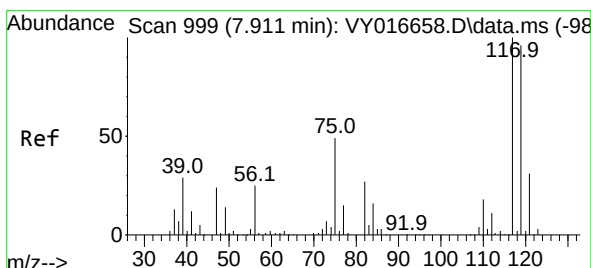
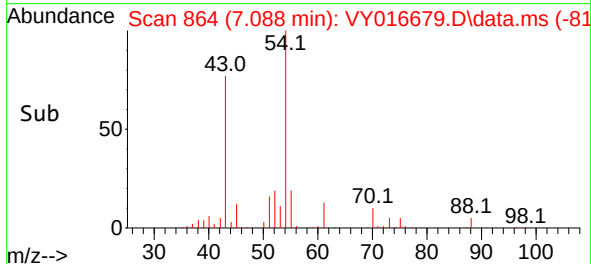
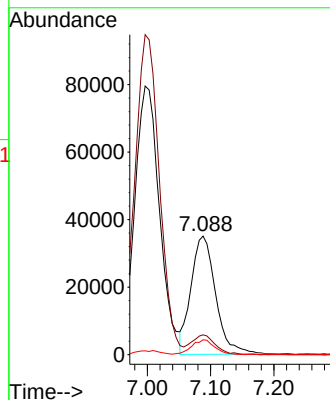
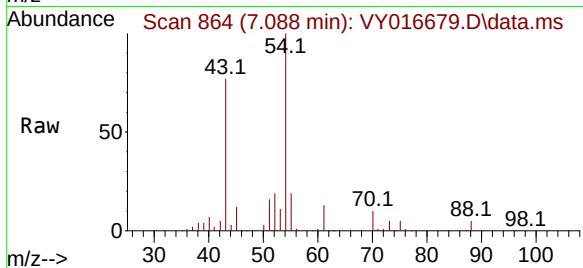
Tgt Ion: 43 Resp: 9487

Ion	Ratio	Lower	Upper
43	100		
61	15.5	10.1	15.1
70	11.9	7.1	10.7

Manual Integrations

APPROVED

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



#38

Carbon Tetrachloride

Concen: 58.724 ug/l

RT: 7.911 min Scan# 999

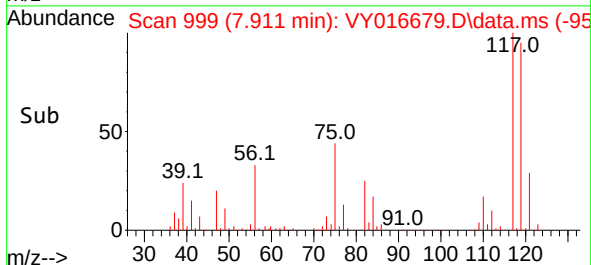
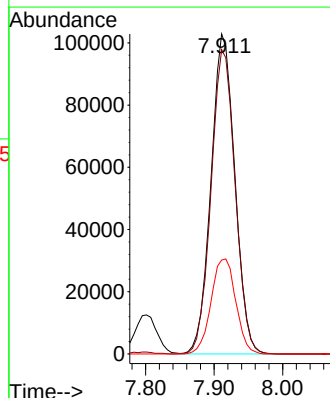
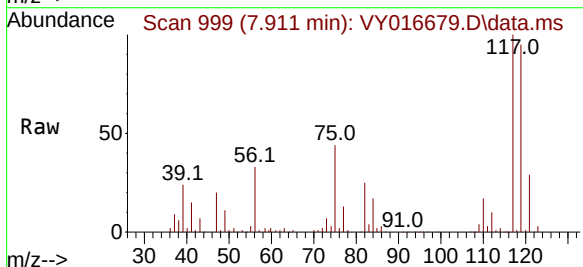
Delta R.T. 0.000 min

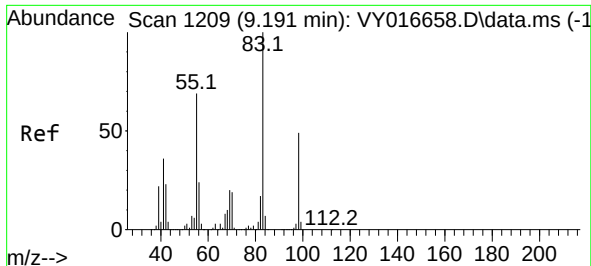
Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion:117 Resp: 248842

Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.4	114.6
121	29.4	25.8	38.6





#39

Methylcyclohexane

Concen: 54.813 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

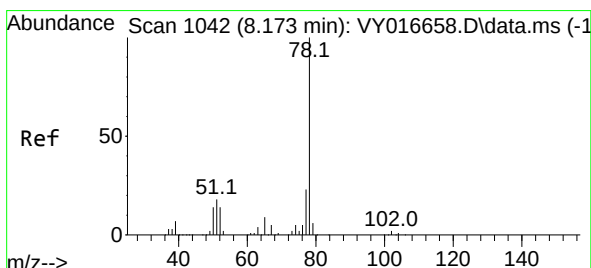
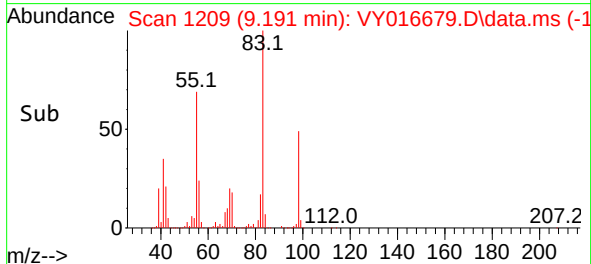
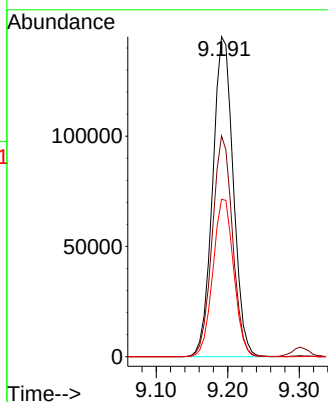
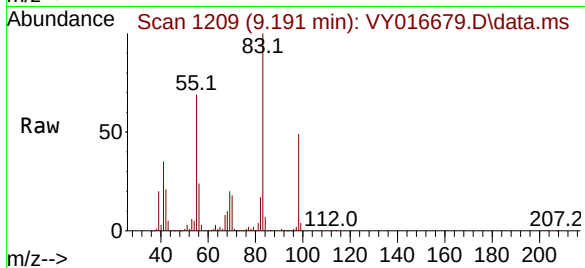
Tgt Ion: 83 Resp: 290629

Ion	Ratio	Lower	Upper
83	100		
55	69.0	63.0	94.4
98	49.2	37.4	56.2

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 57.950 ug/l

RT: 8.173 min Scan# 1042

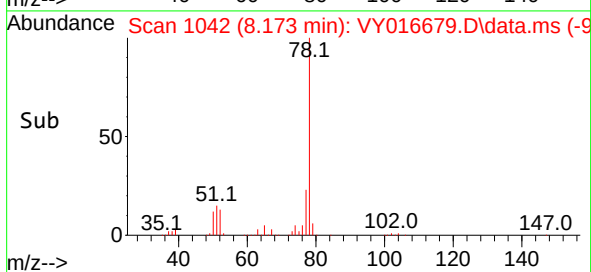
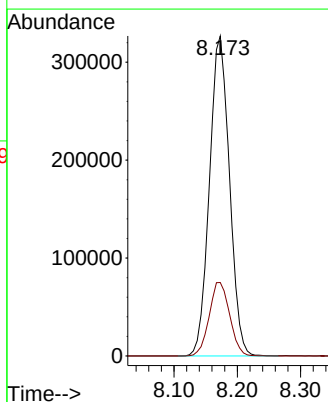
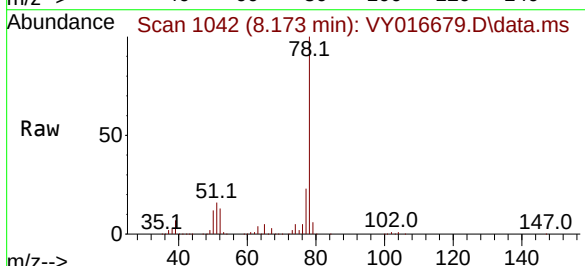
Delta R.T. 0.000 min

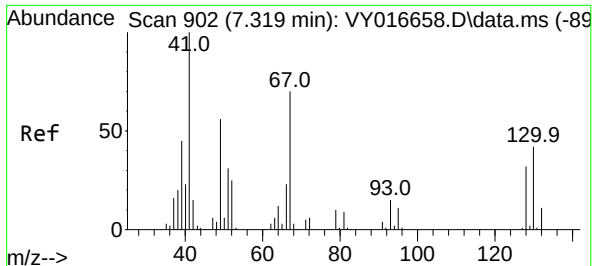
Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion: 78 Resp: 716498

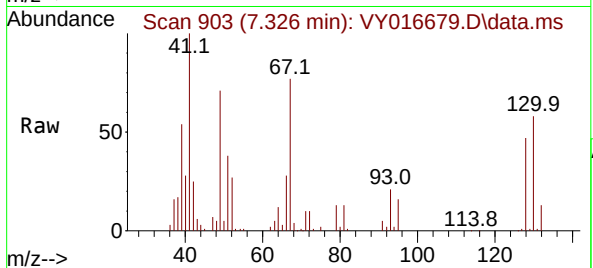
Ion	Ratio	Lower	Upper
78	100		
77	23.0	19.0	28.6





#41
Methacrylonitrile
Concen: 55.380 ug/l m
RT: 7.326 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

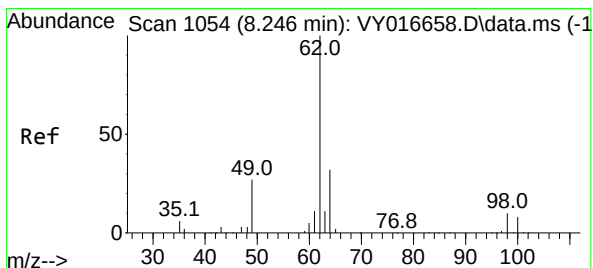
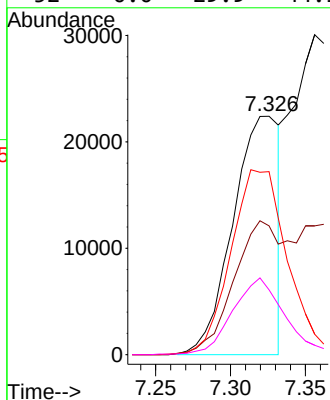
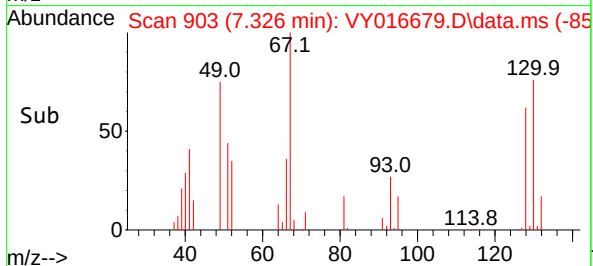
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 4849
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1
67 0.0 66.2 99.2
52 0.0 29.9 44.9

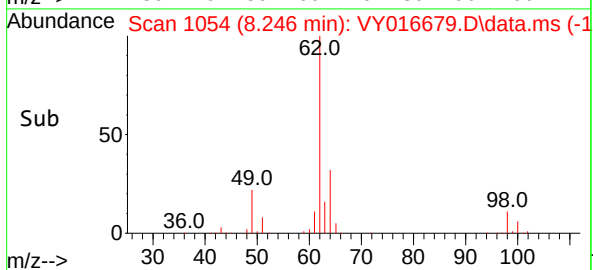
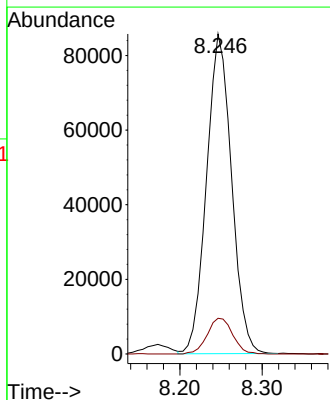
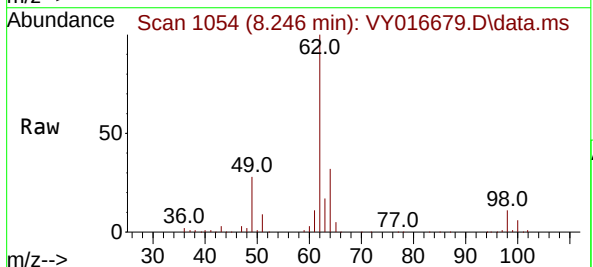
Manual Integrations
APPROVED

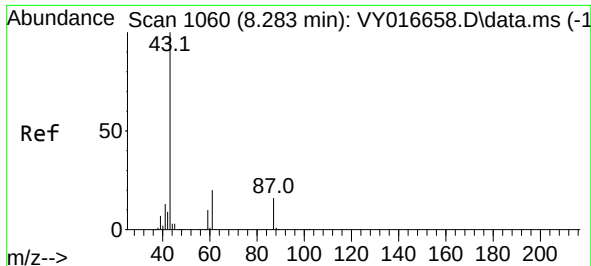
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#42
1,2-Dichloroethane
Concen: 57.396 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

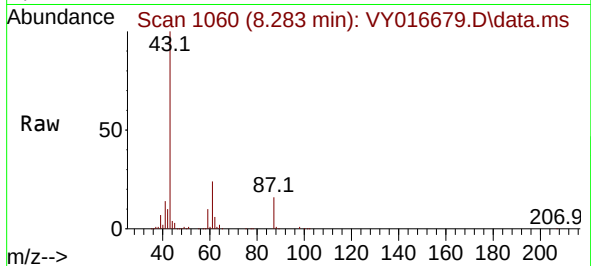
Tgt Ion: 62 Resp: 181376
Ion Ratio Lower Upper
62 100
98 11.3 0.0 15.8





#43
Isopropyl Acetate
Concen: 56.925 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

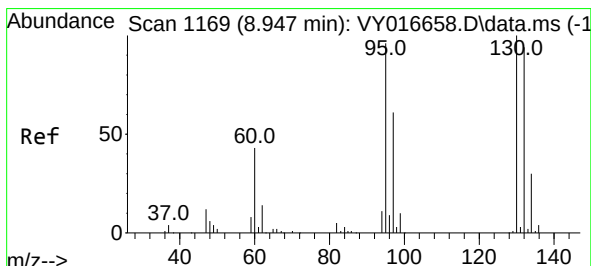
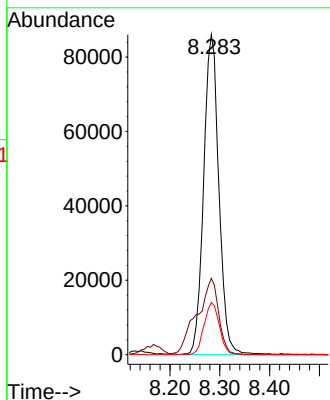
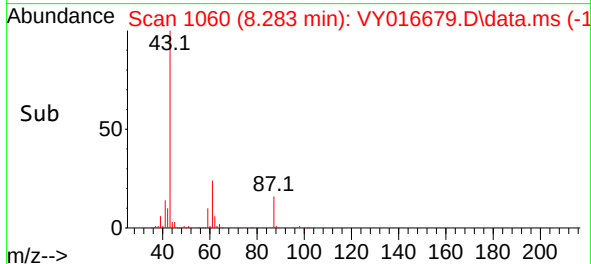
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 181880
Ion Ratio Lower Upper
43 100
61 33.8 21.1 31.7
87 16.5 9.8 14.8

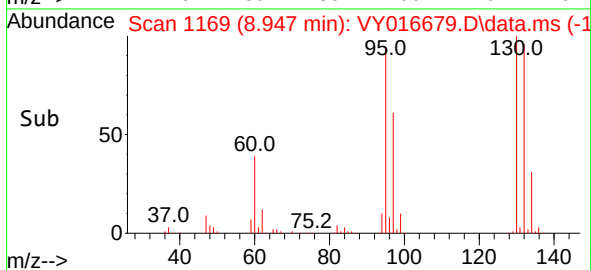
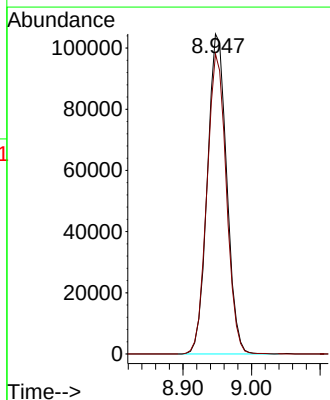
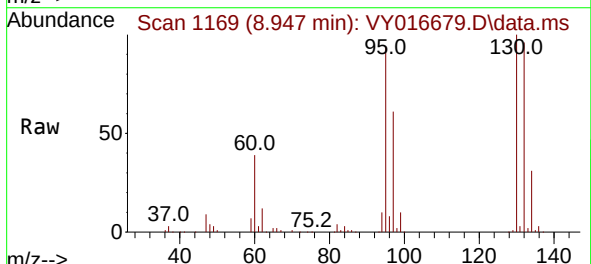
Manual Integrations
APPROVED

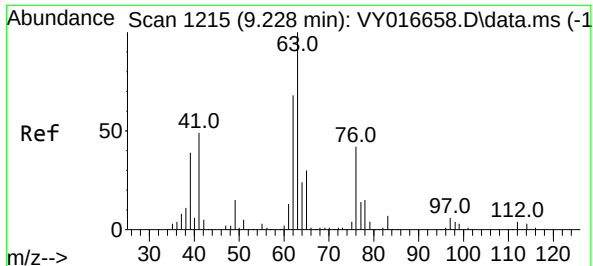
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#44
Trichloroethene
Concen: 59.484 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:130 Resp: 204832
Ion Ratio Lower Upper
130 100
95 93.8 0.0 196.0





#45

1,2-Dichloropropane

Concen: 58.994 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 17040

Ion Ratio Lower Upper

63 100

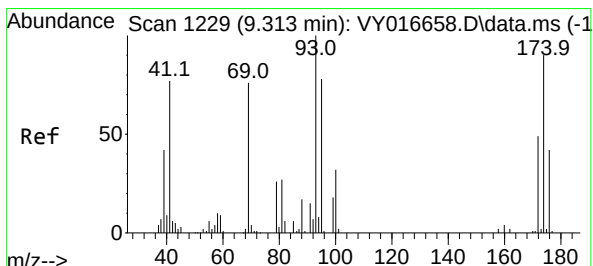
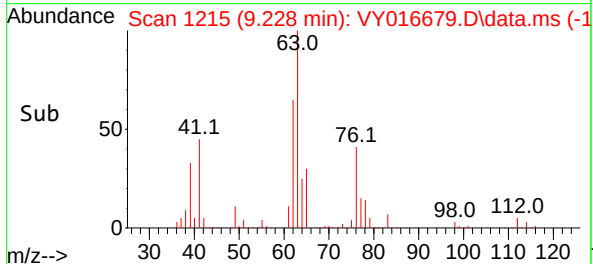
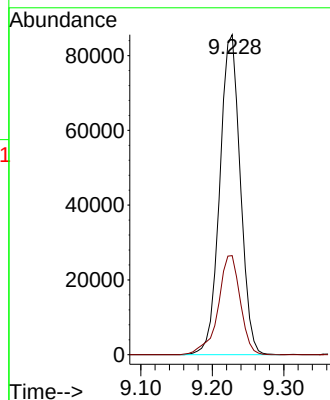
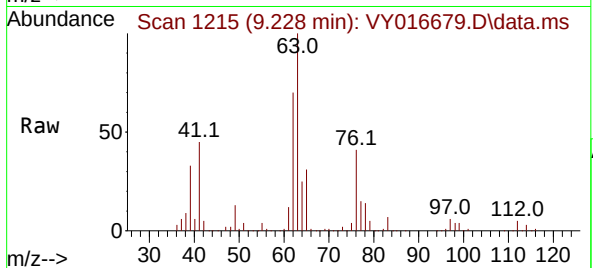
65 31.0 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#46

Dibromomethane

Concen: 60.274 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

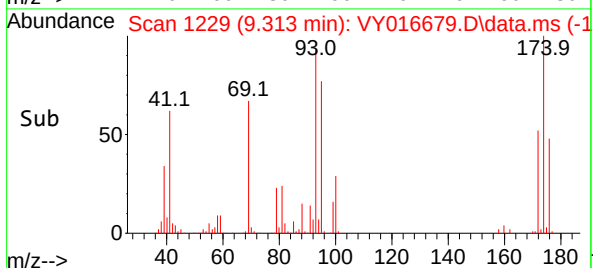
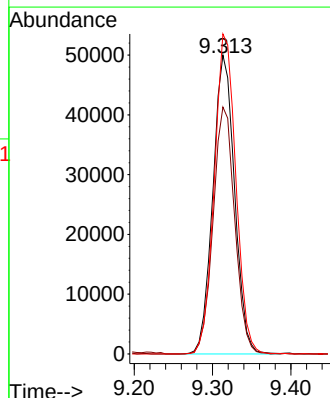
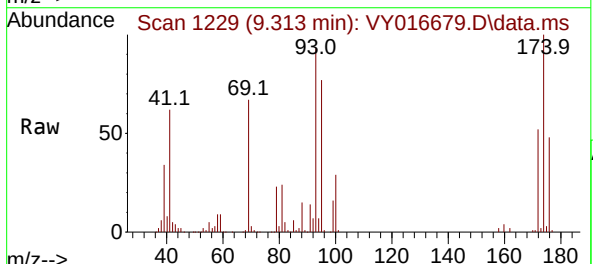
Tgt Ion: 93 Resp: 96281

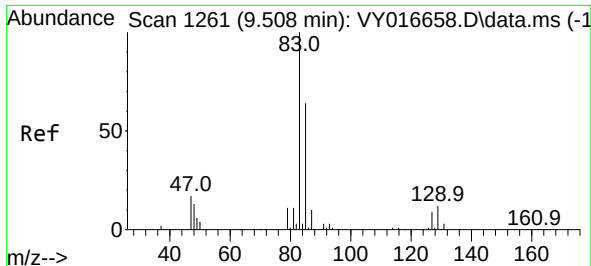
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 106.6 84.8 127.2





#47

Bromodichloromethane

Concen: 59.271 ug/l

RT: 9.502 min Scan# 1260

Delta R.T. -0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

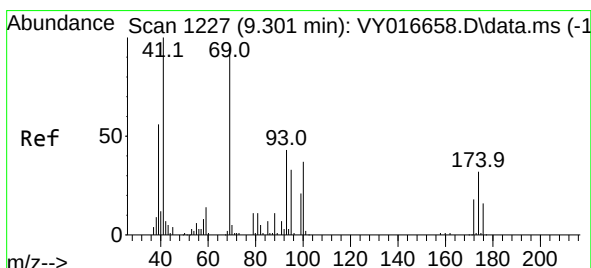
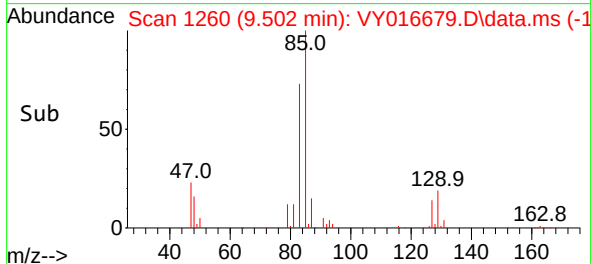
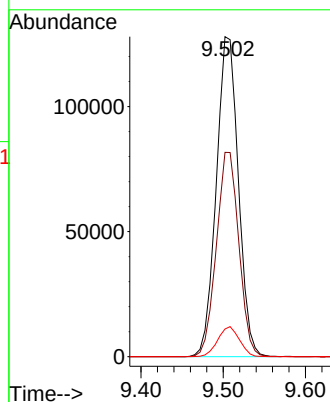
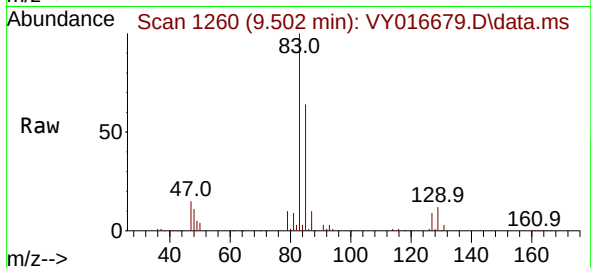
Tgt Ion: 83 Resp: 23922

Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.1	75.1
127	8.6	7.1	10.7

Manual Integrations

APPROVED

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



#48

Methyl methacrylate

Concen: 59.404 ug/l

RT: 9.301 min Scan# 1227

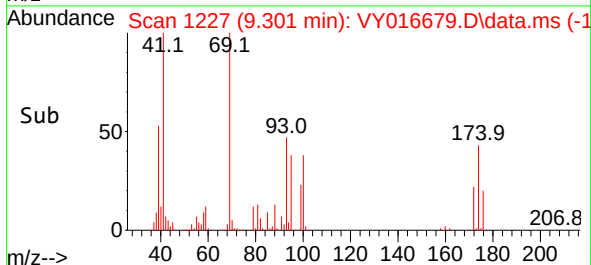
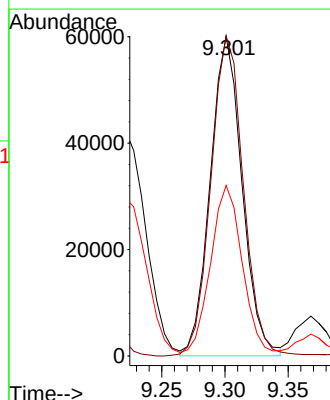
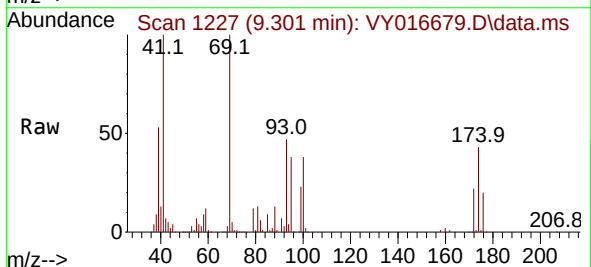
Delta R.T. 0.000 min

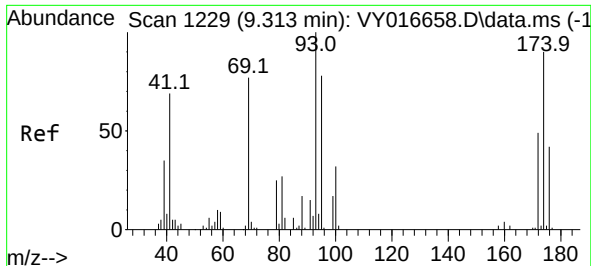
Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion: 41 Resp: 105101

Ion	Ratio	Lower	Upper
41	100		
69	102.3	64.5	96.7
39	51.2	50.8	76.2





#49

1,4-Dioxane

Concen: 1223.911 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016679.D

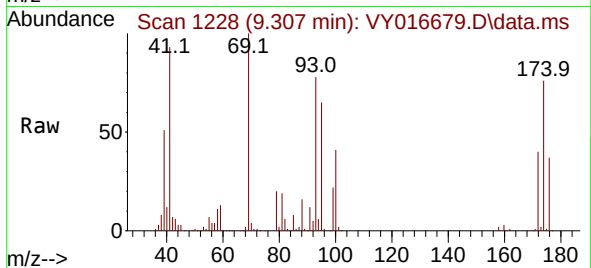
Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 88 Resp: 20943

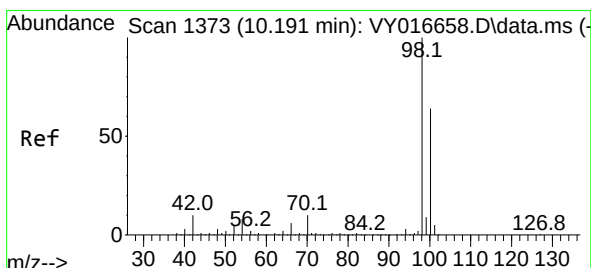
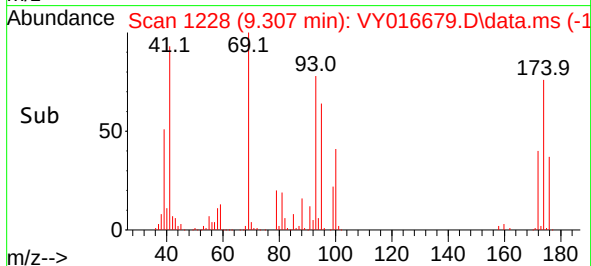
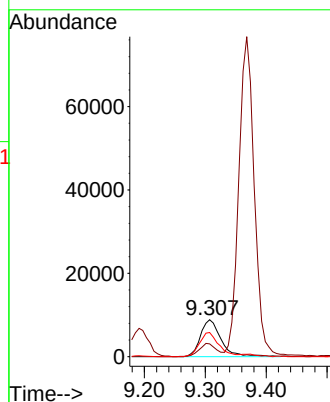
Ion	Ratio	Lower	Upper
88	100		
43	30.8	0.0	0.0
58	61.5	30.9	46.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#50

Toluene-d8

Concen: 45.242 ug/l

RT: 10.185 min Scan# 1372

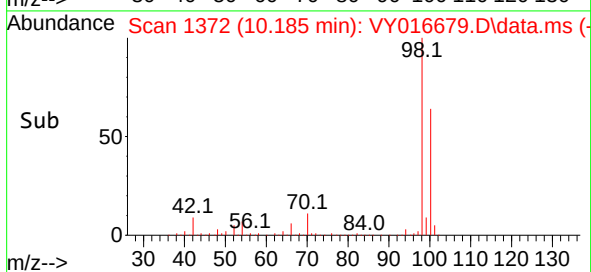
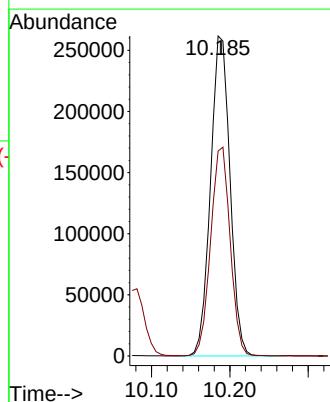
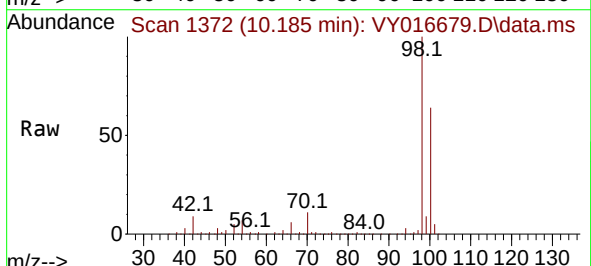
Delta R.T. -0.006 min

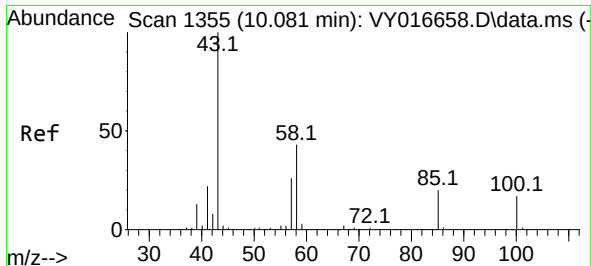
Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion: 98 Resp: 452265

Ion	Ratio	Lower	Upper
98	100		
100	65.5	50.1	75.1





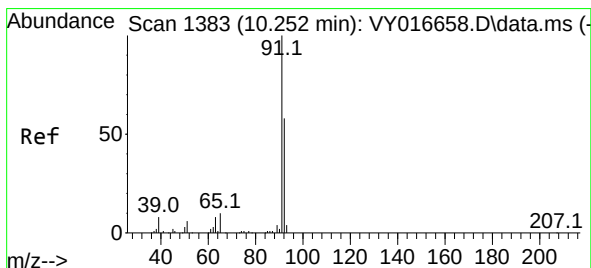
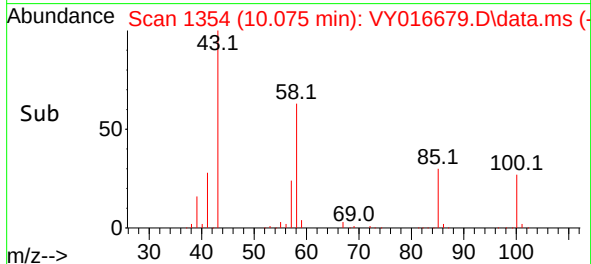
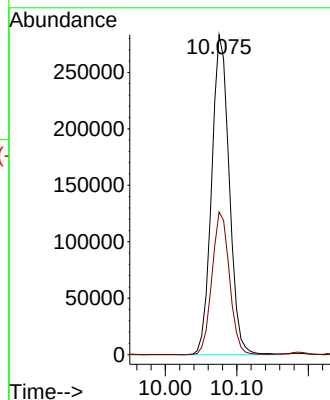
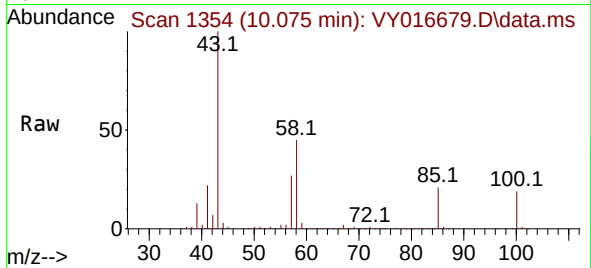
#51
4-Methyl-2-Pentanone
Concen: 288.823 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 483985
Ion Ratio Lower Upper
43 100
58 44.4 29.0 43.6

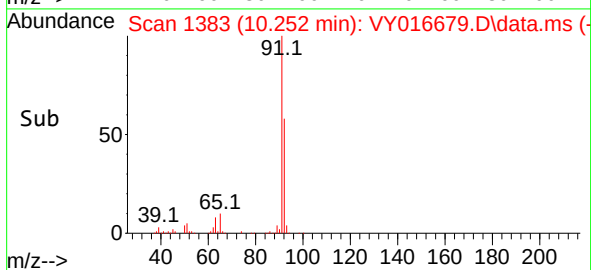
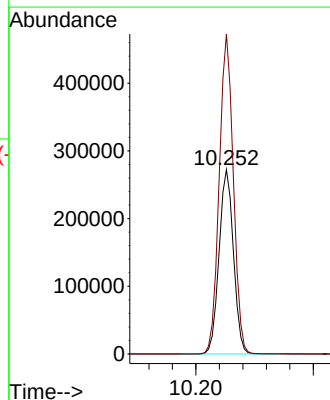
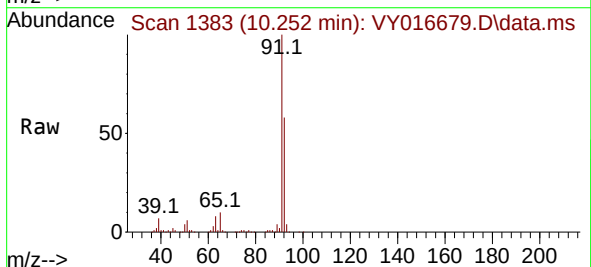
Manual Integrations
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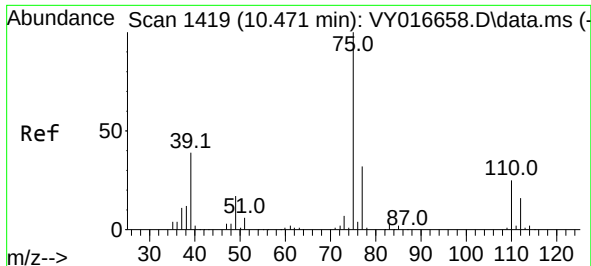
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#52
Toluene
Concen: 59.457 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

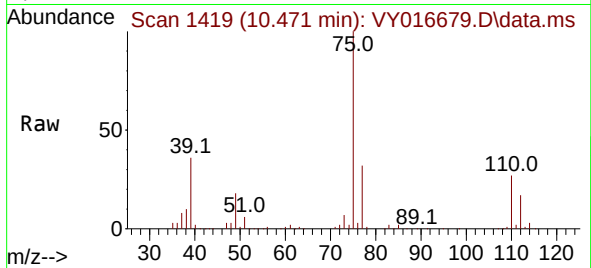
Tgt Ion: 92 Resp: 460486
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6





#53
t-1,3-Dichloropropene
Concen: 59.238 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

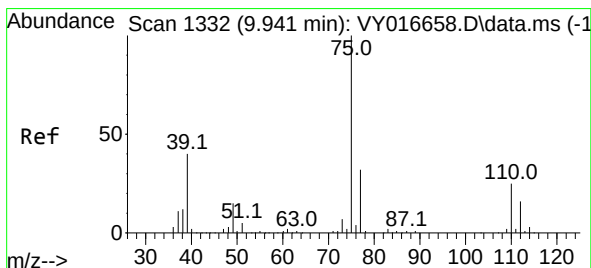
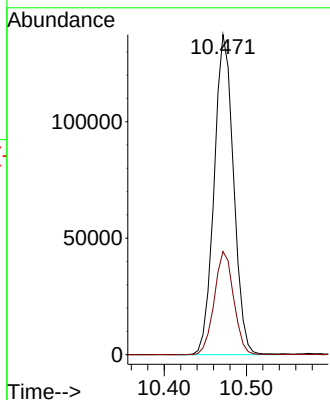
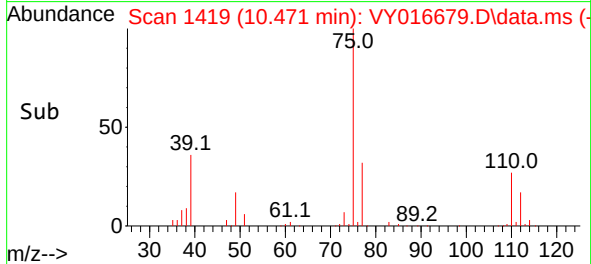
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 22555
Ion Ratio Lower Upper
75 100
77 32.3 25.0 37.4

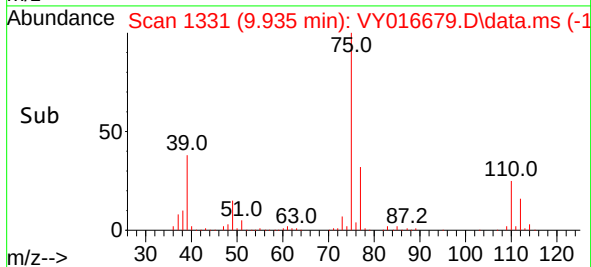
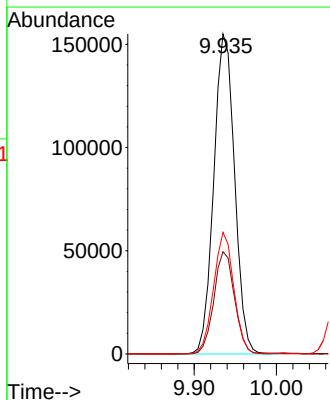
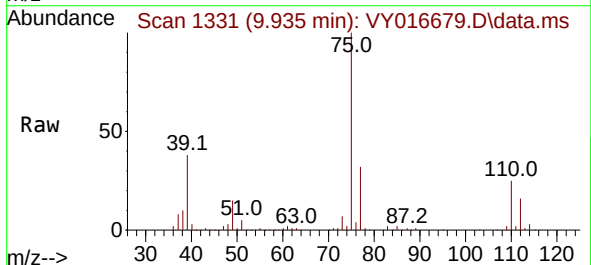
Manual Integrations
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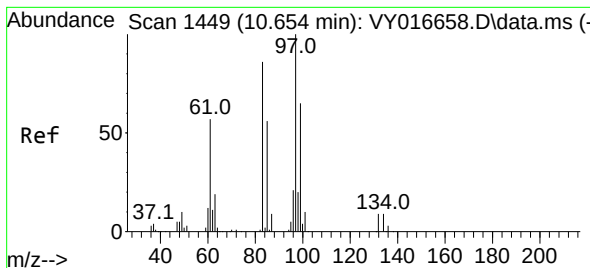
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#54
cis-1,3-Dichloropropene
Concen: 59.711 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

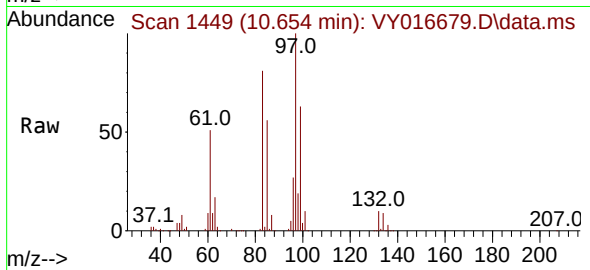
Tgt Ion: 75 Resp: 273350
Ion Ratio Lower Upper
75 100
77 31.9 24.2 36.4
39 37.9 42.2 63.4#





#55
1,1,2-Trichloroethane
Concen: 60.098 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

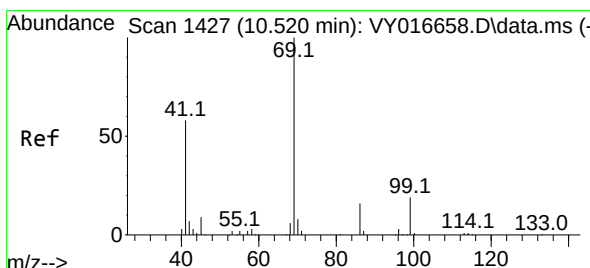
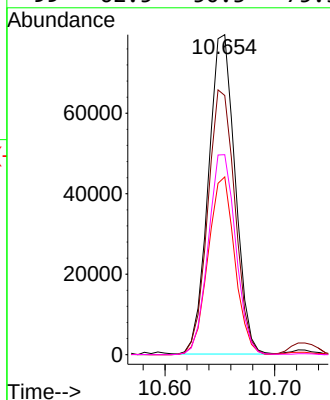
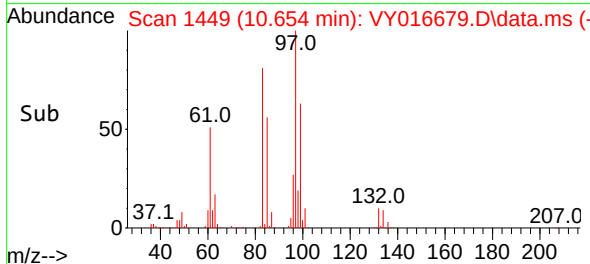


Tgt Ion: 97 Resp: 134890

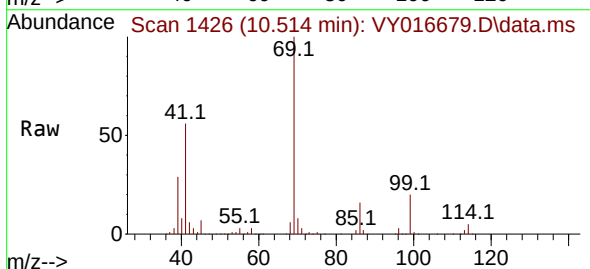
Ion	Ratio	Lower	Upper
97	100		
83	81.0	72.0	108.0
85	55.6	45.4	68.0
99	62.5	50.3	75.5

Manual Integrations
APPROVED

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

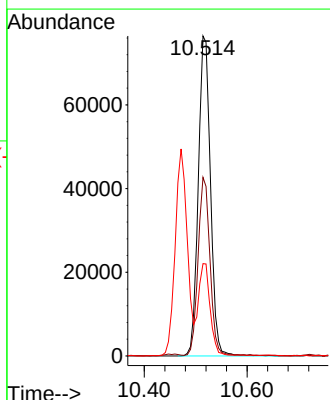
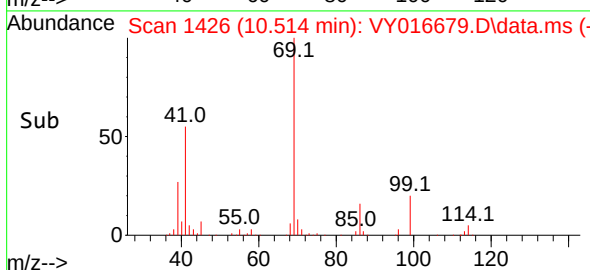


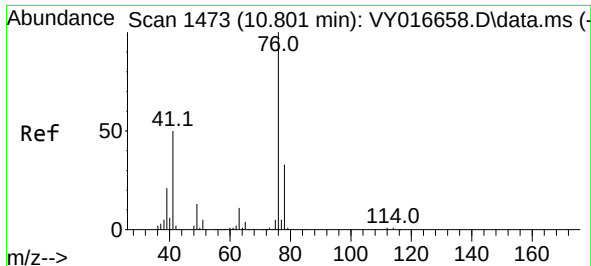
#56
Ethyl methacrylate
Concen: 64.656 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion: 69 Resp: 125821

Ion	Ratio	Lower	Upper
69	100		
41	54.3	57.6	86.4#
39	27.3	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 61.014 ug/l

RT: 10.795 min Scan# 1473

Delta R.T. -0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 227914

Ion Ratio Lower Upper

76 100

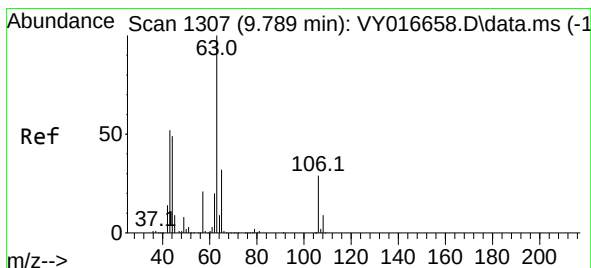
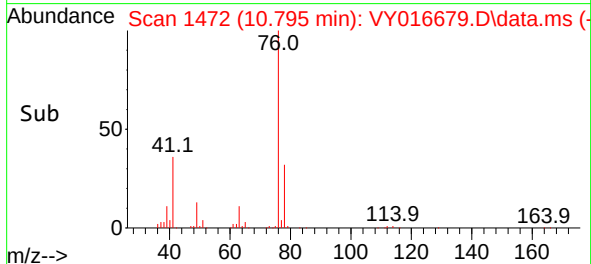
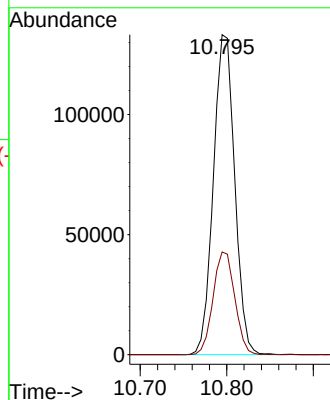
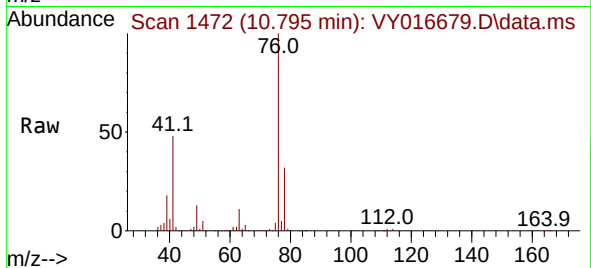
78 32.6 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 231.528 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VY016679.D

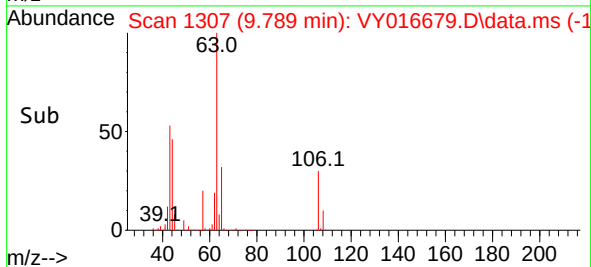
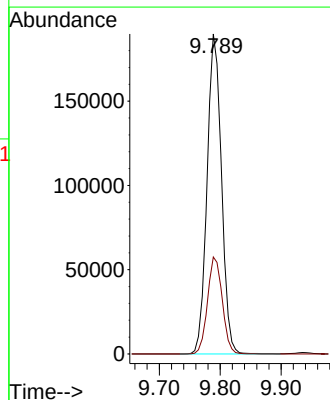
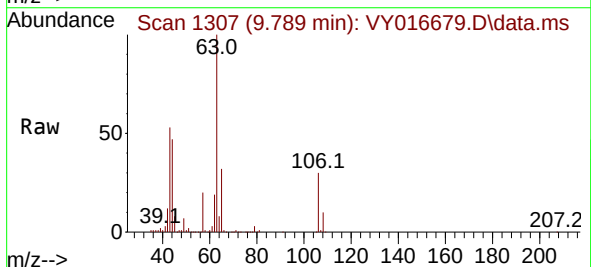
Acq: 16 Dec 2023 19:09

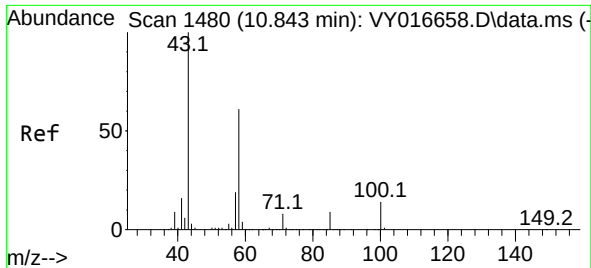
Tgt Ion: 63 Resp: 311767

Ion Ratio Lower Upper

63 100

106 31.0 21.2 31.8





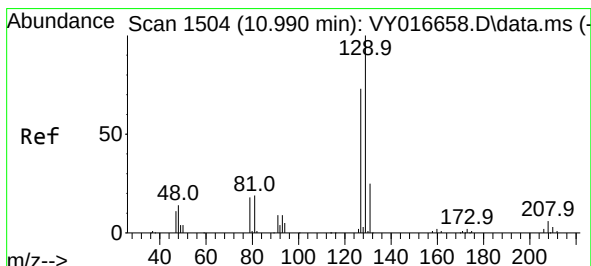
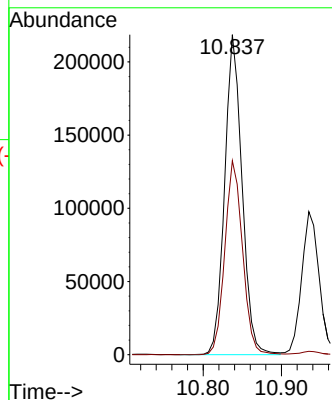
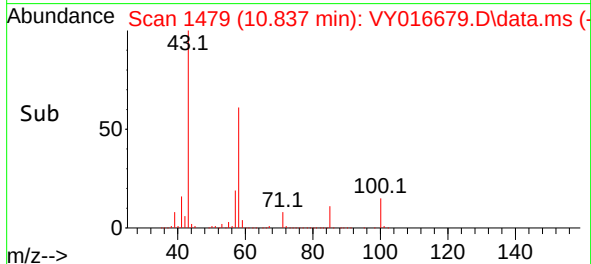
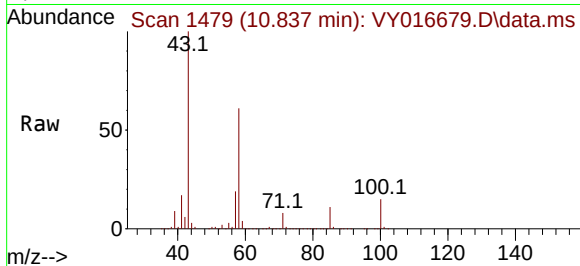
#59
2-Hexanone
Concen: 245.851 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 337988
Ion Ratio Lower Upper
43 100
58 61.8 25.1 75.3

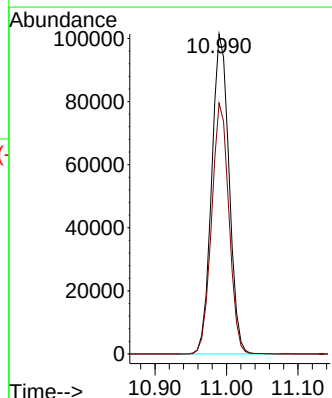
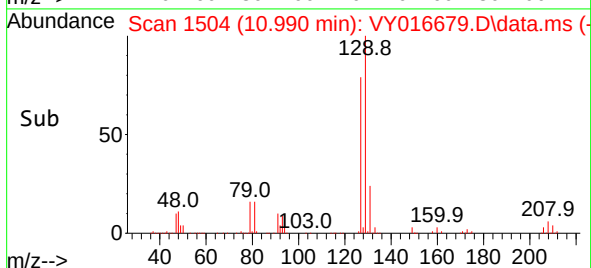
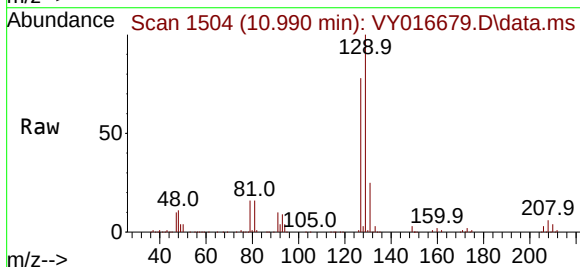
Manual Integrations
APPROVED

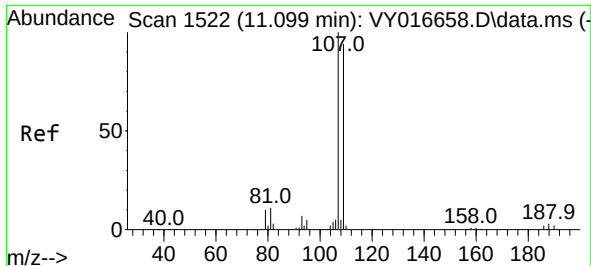
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#60
Dibromochloromethane
Concen: 62.751 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

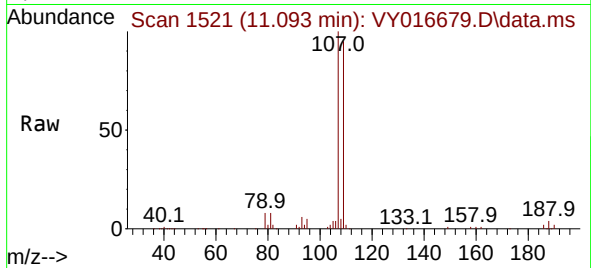
Tgt Ion:129 Resp: 170694
Ion Ratio Lower Upper
129 100
127 78.1 38.5 115.5





#61
1,2-Dibromoethane
Concen: 62.089 ug/l
RT: 11.093 min Scan# 1107
Delta R.T. -0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

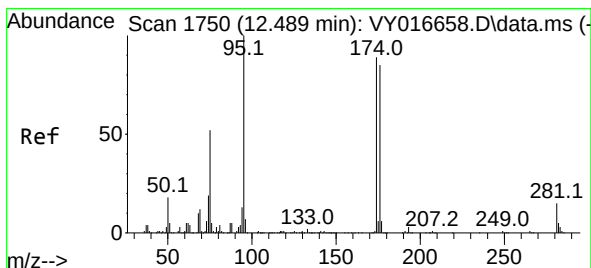
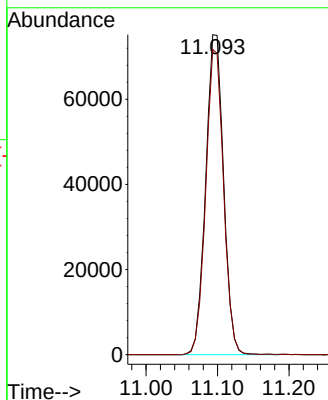
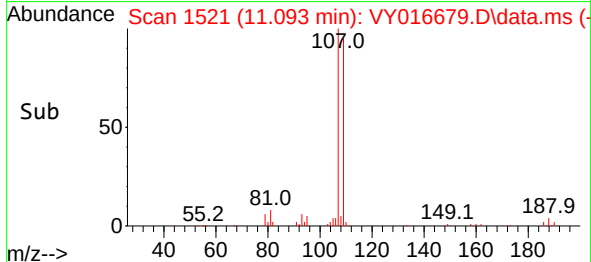
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



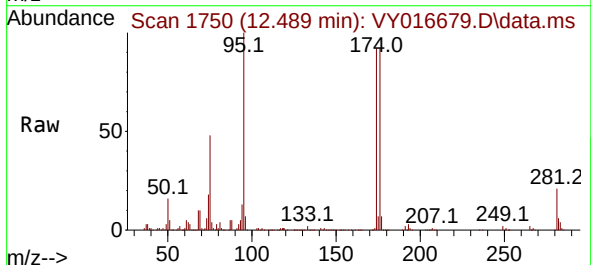
Tgt Ion:107 Resp: 130790
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4

Manual Integrations
APPROVED

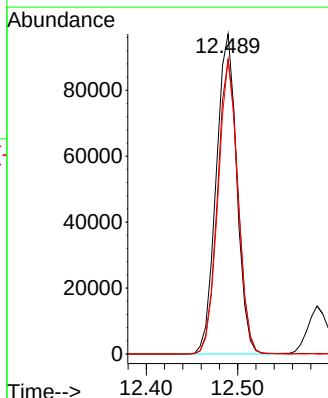
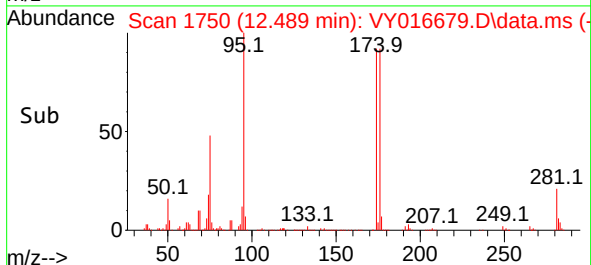
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

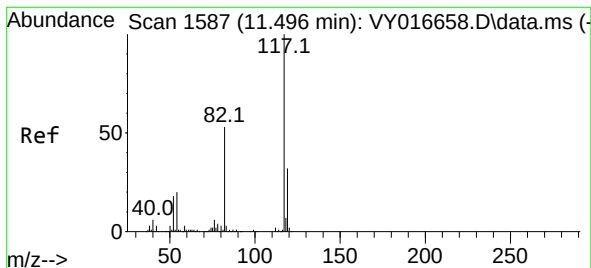


#62
4-Bromofluorobenzene
Concen: 46.505 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion: 95 Resp: 151795
Ion Ratio Lower Upper
95 100
174 91.5 0.0 178.2
176 88.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

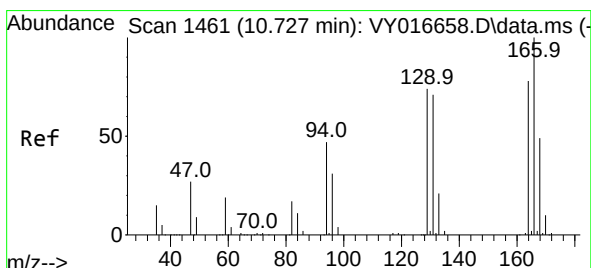
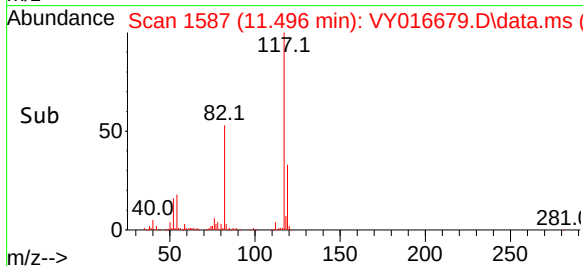
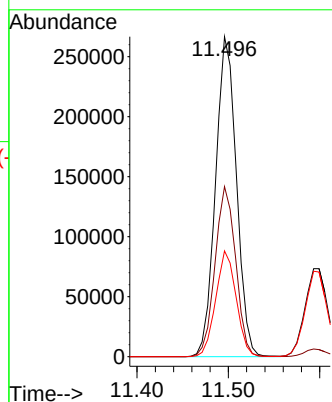
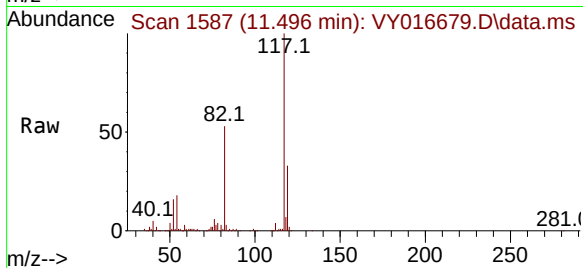
Tgt Ion:117 Resp: 424134

Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.0
119	33.1	26.3	39.5

Manual Integrations

APPROVED

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



#64

Tetrachloroethene

Concen: 62.855 ug/l

RT: 10.728 min Scan# 1461

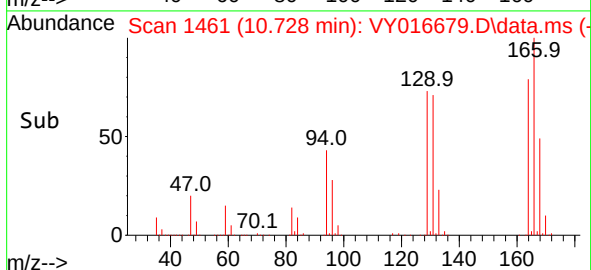
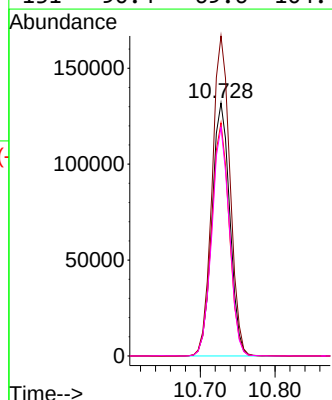
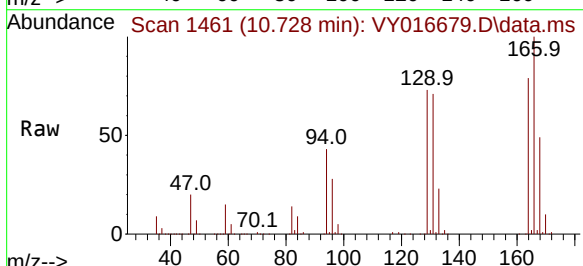
Delta R.T. 0.000 min

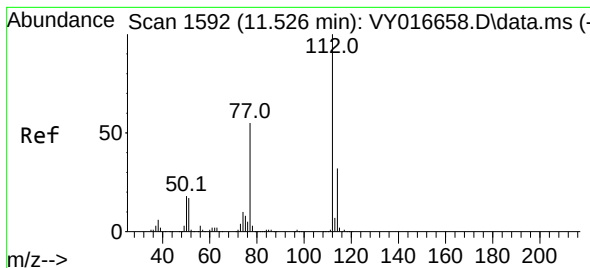
Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion:164 Resp: 218409

Ion	Ratio	Lower	Upper
164	100		
166	126.5	103.0	154.6
129	92.1	77.2	115.8
131	90.4	69.6	104.4





#65

Chlorobenzene

Concen: 59.031 ug/l

RT: 11.520 min Scan# 11591

Delta R.T. -0.006 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:112 Resp: 48835

Ion Ratio Lower Upper

112 100

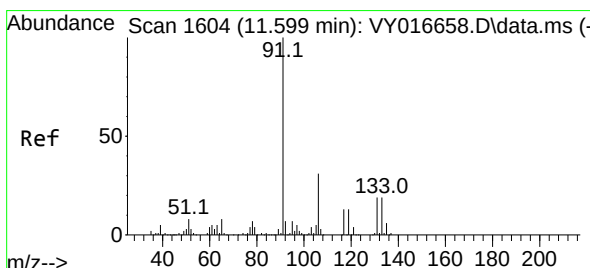
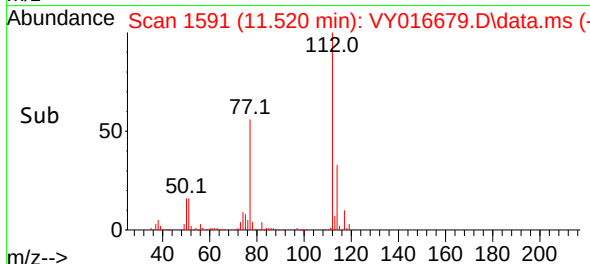
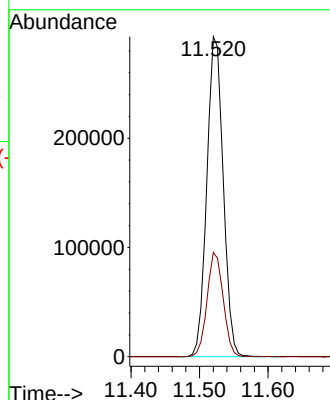
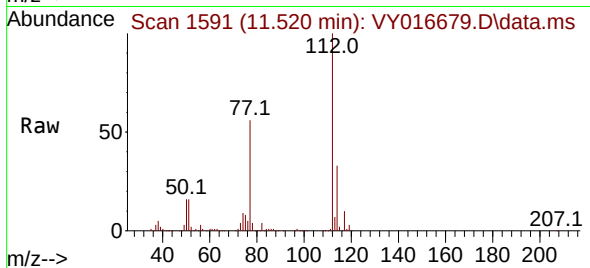
114 32.6 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#66

1,1,1,2-Tetrachloroethane

Concen: 60.530 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

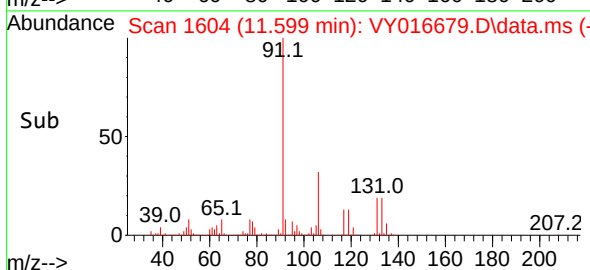
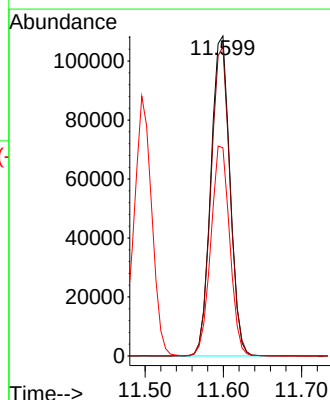
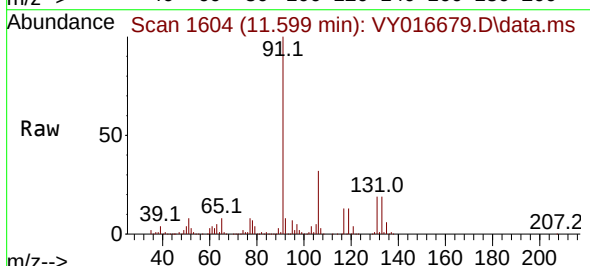
Tgt Ion:131 Resp: 183137

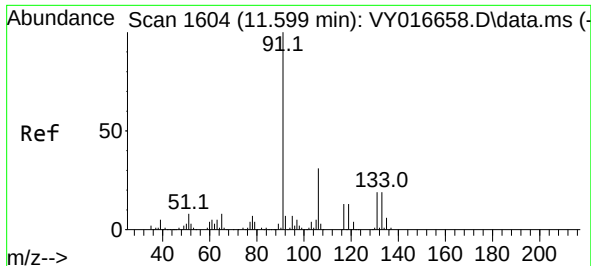
Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

119 65.2 31.6 94.7





#67

Ethyl Benzene

Concen: 58.174 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 86583

Ion Ratio Lower Upper

91 100

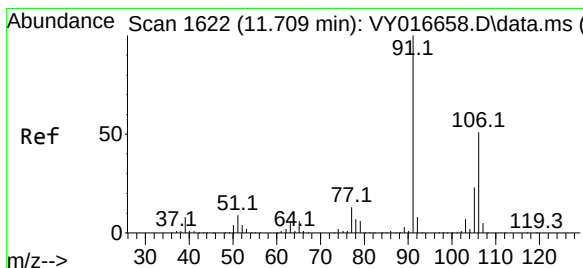
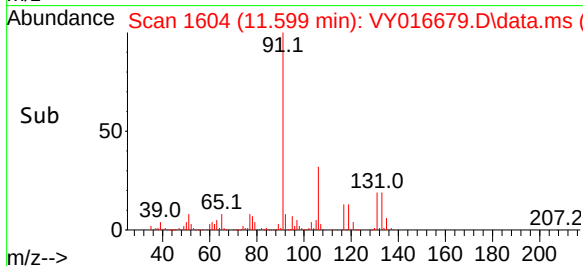
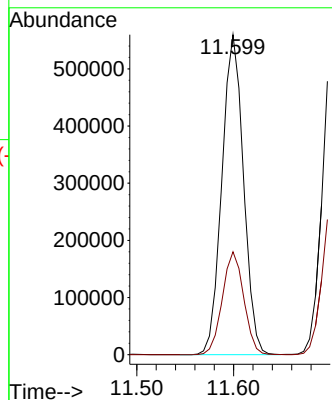
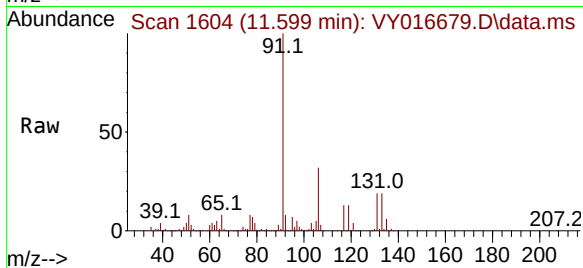
106 32.2 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#68

m/p-Xylenes

Concen: 117.770 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.000 min

Lab File: VY016679.D

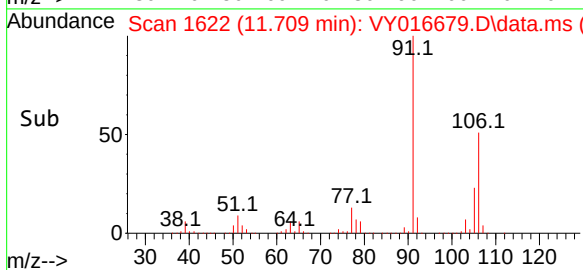
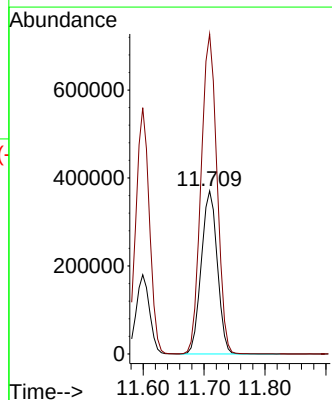
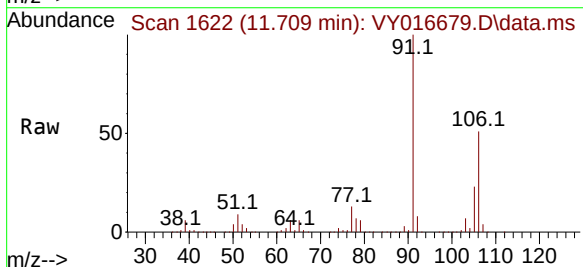
Acq: 16 Dec 2023 19:09

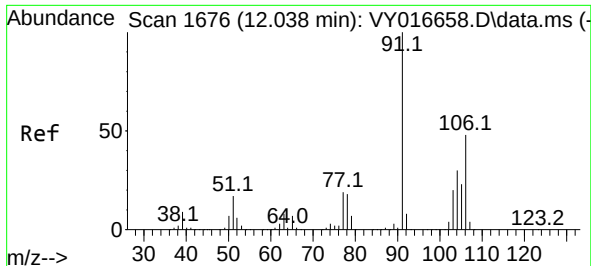
Tgt Ion:106 Resp: 676220

Ion Ratio Lower Upper

106 100

91 195.4 166.1 249.1





#69

o-Xylene

Concen: 60.269 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:106 Resp: 31653

Ion Ratio Lower Upper

106 100

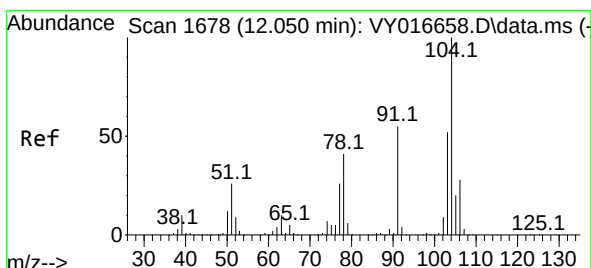
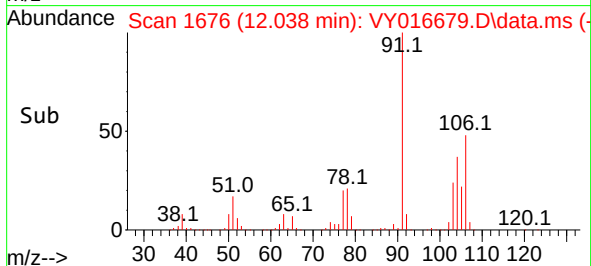
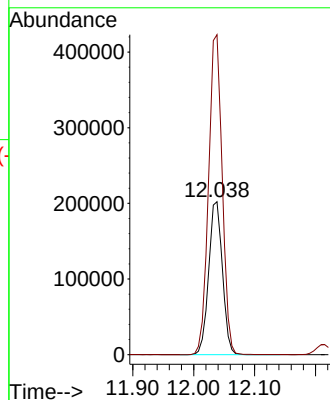
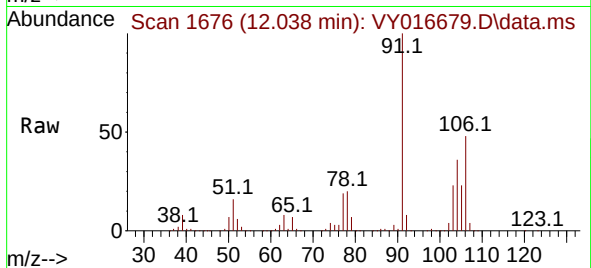
91 208.3 108.1 324.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#70

Styrene

Concen: 61.970 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

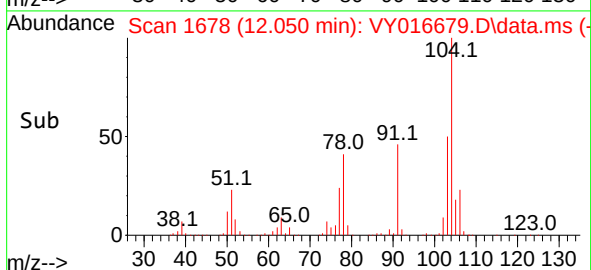
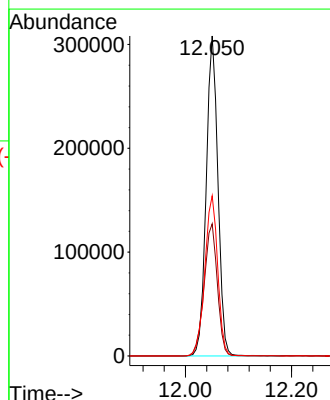
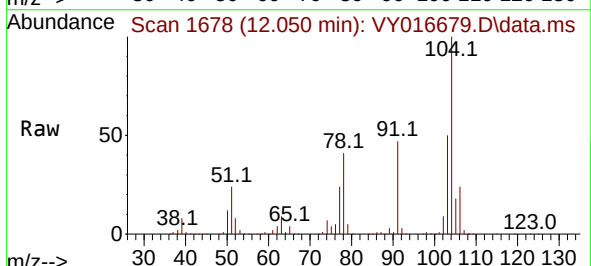
Tgt Ion:104 Resp: 471548

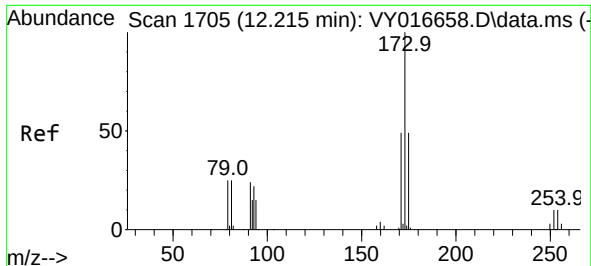
Ion Ratio Lower Upper

104 100

78 46.6 41.5 62.3

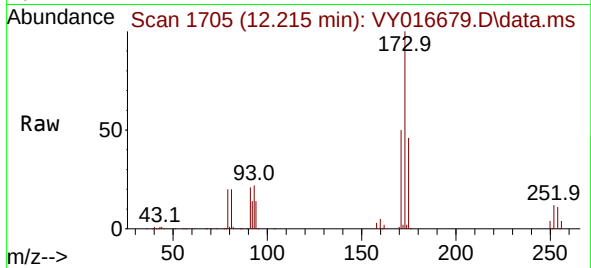
103 55.1 44.6 67.0





#71
Bromoform
Concen: 63.227 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

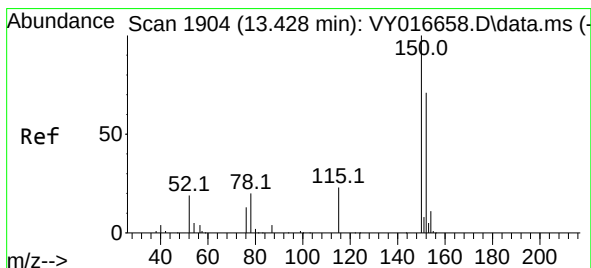
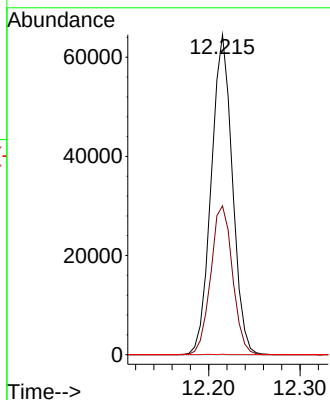
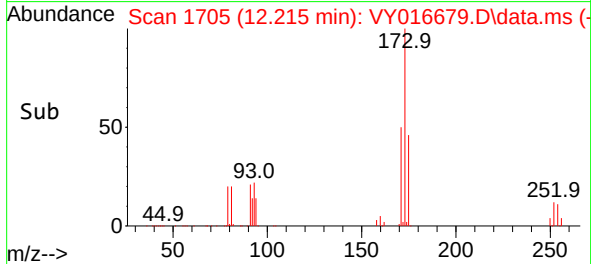
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



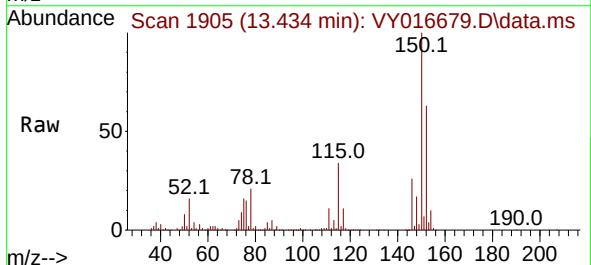
Tgt Ion:173 Resp: 103740
Ion Ratio Lower Upper
173 100
175 48.0 24.6 73.8
254 0.0 0.2 0.2

Manual Integrations
APPROVED

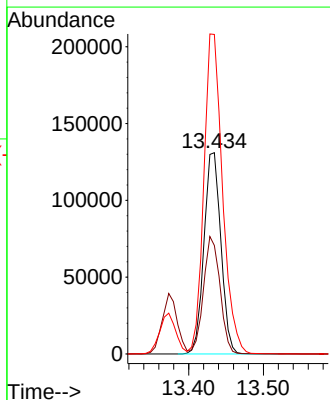
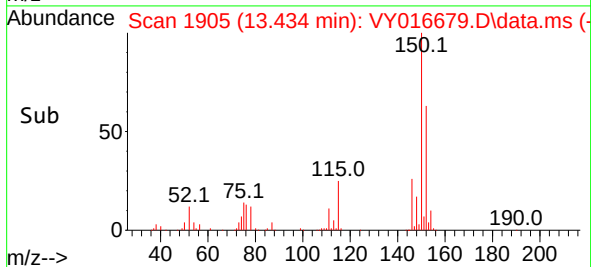
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

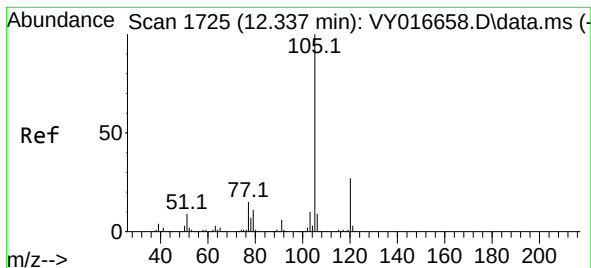


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion:152 Resp: 205841
Ion Ratio Lower Upper
152 100
115 57.0 28.8 86.5
150 175.6 0.0 348.8





#73

Isopropylbenzene

Concen: 57.650 ug/l

RT: 12.337 min Scan# 1725

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 834692

Ion Ratio Lower Upper

105 100

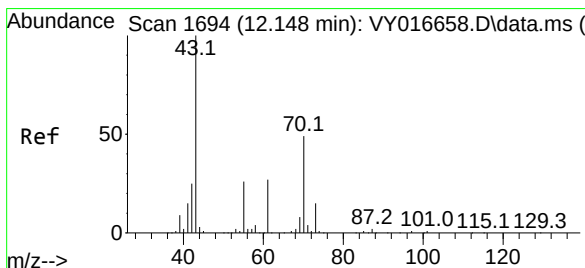
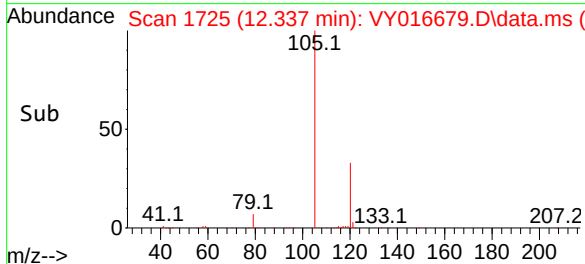
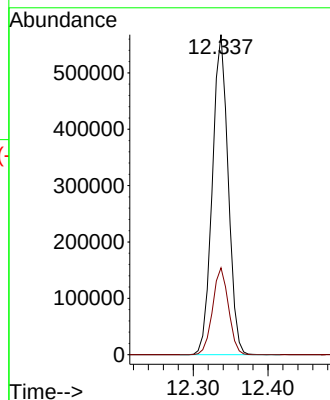
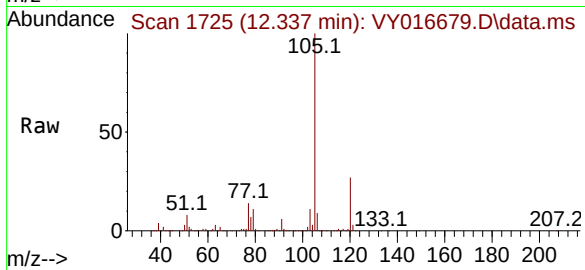
120 27.2 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#74

N-ethyl acetate

Concen: 56.358 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion: 43 Resp: 152942

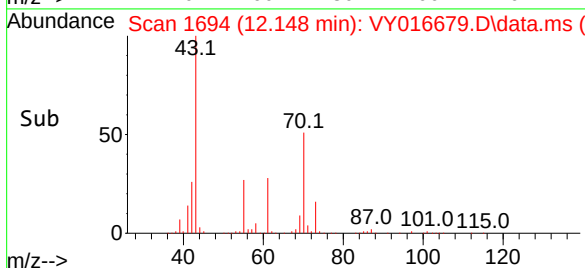
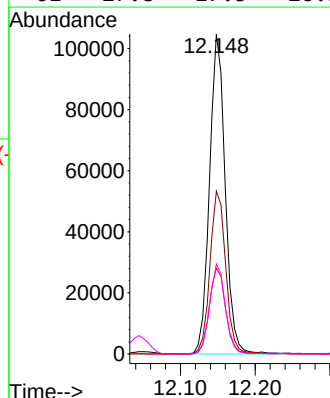
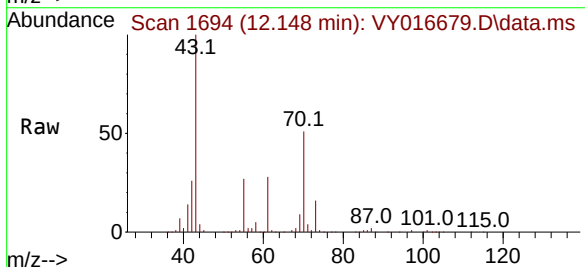
Ion Ratio Lower Upper

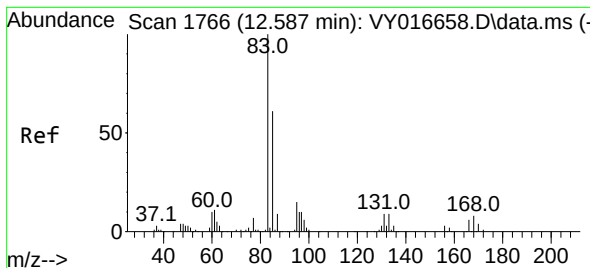
43 100

70 51.3 29.7 44.5#

55 28.3 18.3 27.5#

61 27.8 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 56.865 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 140068

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

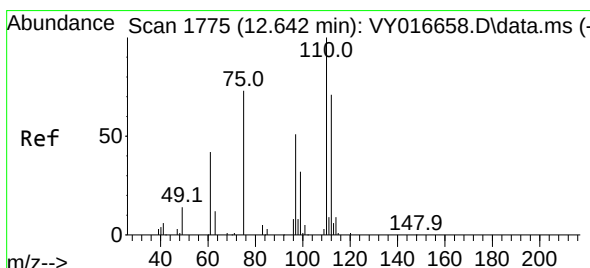
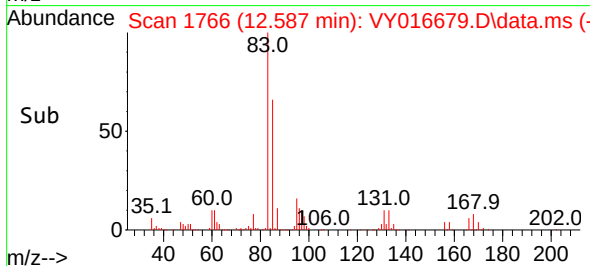
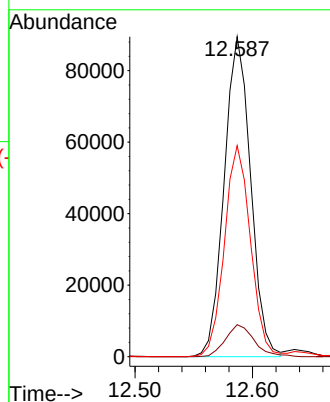
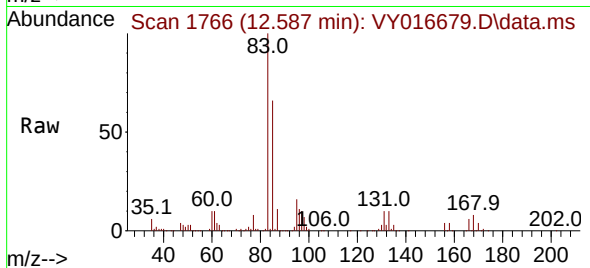
85 65.2 31.8 95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#76

1,2,3-Trichloropropane

Concen: 56.900 ug/l m

RT: 12.636 min Scan# 1774

Delta R.T. -0.006 min

Lab File: VY016679.D

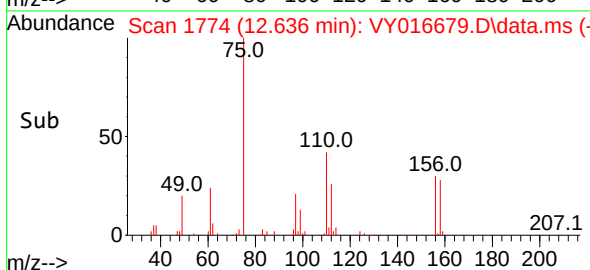
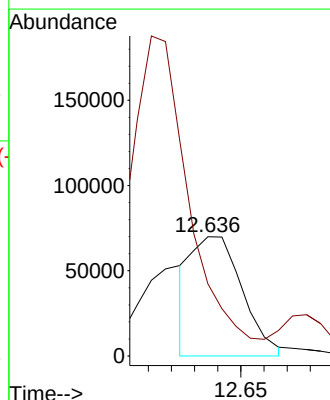
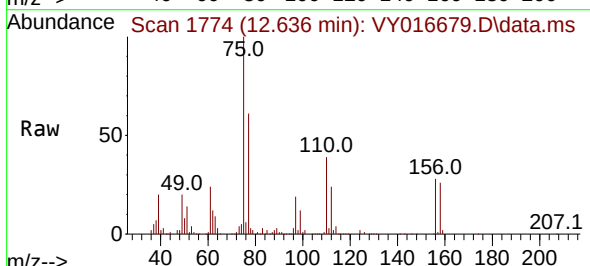
Acq: 16 Dec 2023 19:09

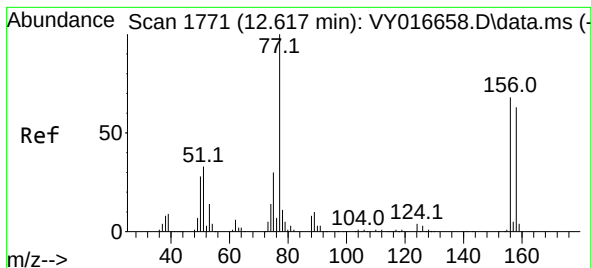
Tgt Ion: 75 Resp: 107283

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 59.540 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

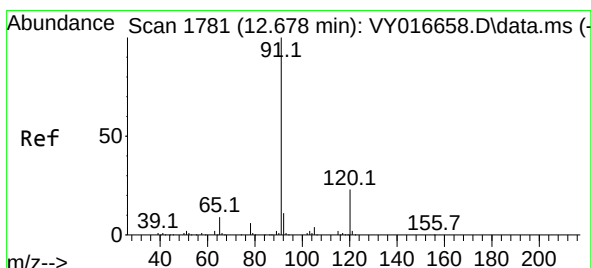
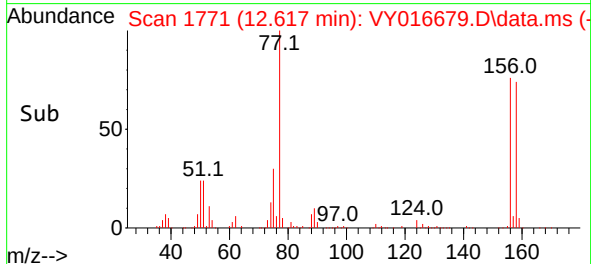
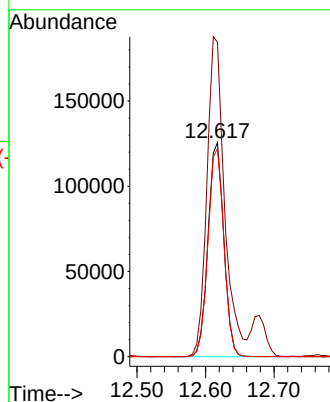
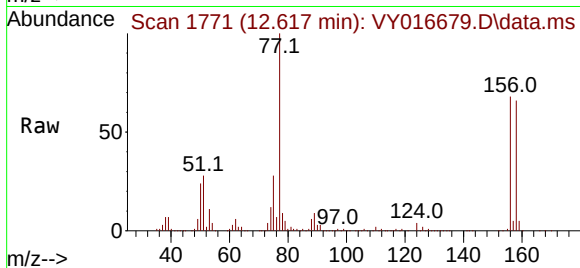
Tgt Ion:156 Resp: 201972

Ion	Ratio	Lower	Upper
156	100		
77	167.5	92.8	278.6
158	97.6	48.4	145.3

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 56.306 ug/l

RT: 12.678 min Scan# 1781

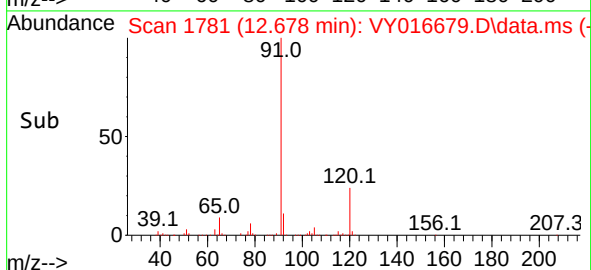
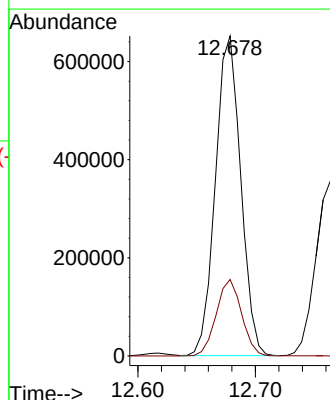
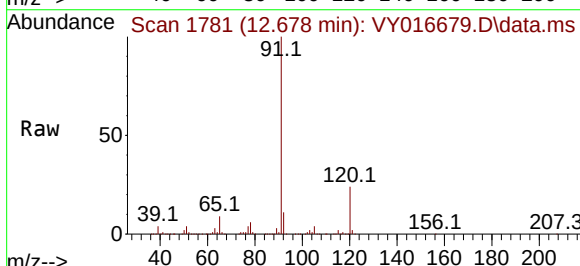
Delta R.T. 0.000 min

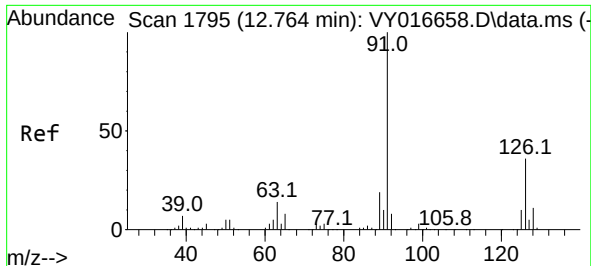
Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion: 91 Resp: 974422

Ion	Ratio	Lower	Upper
91	100		
120	23.9	11.5	34.4





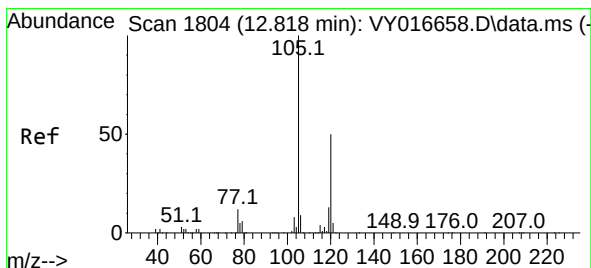
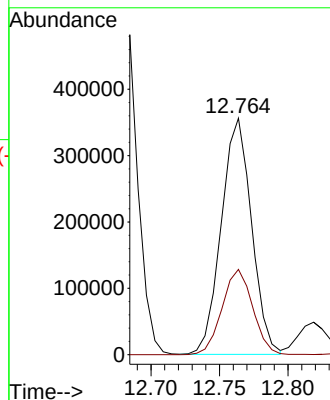
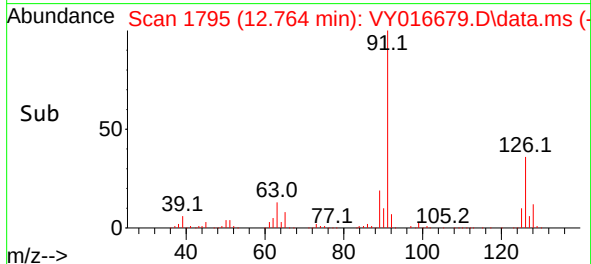
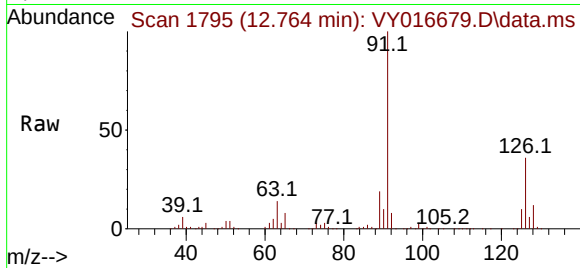
#79
2-Chlorotoluene
Concen: 57.655 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 54789
Ion Ratio Lower Upper
91 100
126 36.5 17.3 51.7

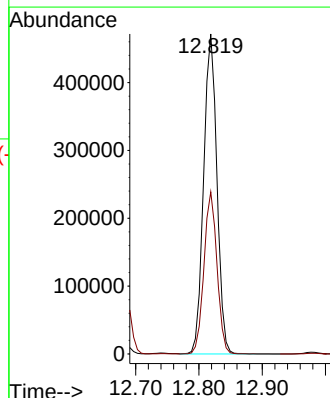
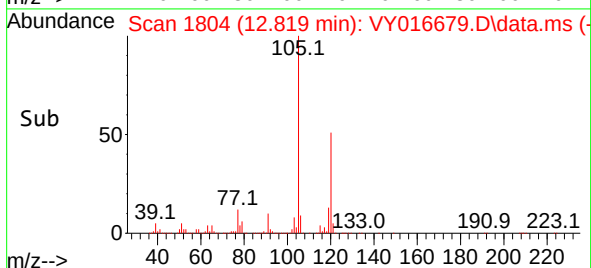
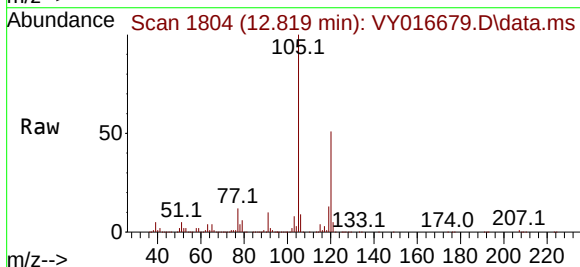
Manual Integrations
APPROVED

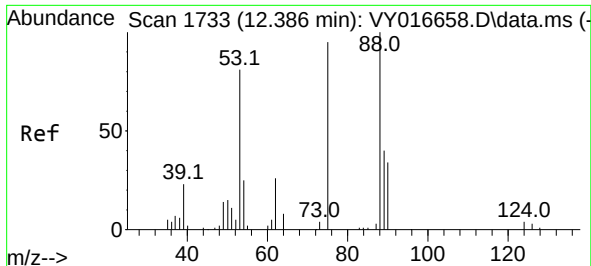
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 59.608 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:105 Resp: 690080
Ion Ratio Lower Upper
105 100
120 49.7 23.9 71.7





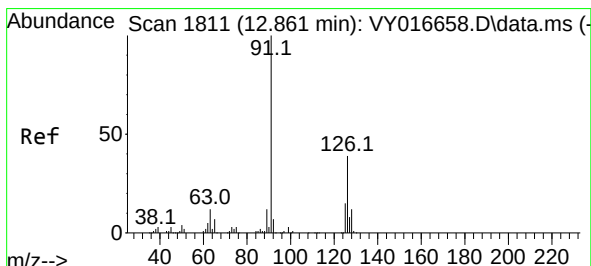
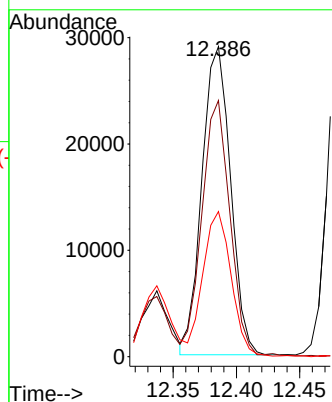
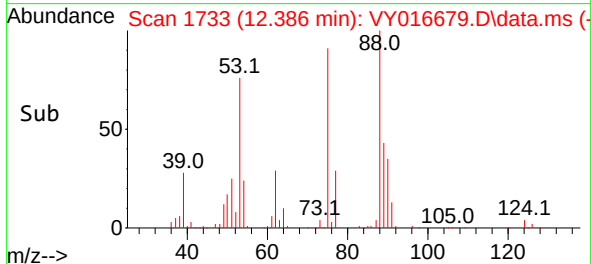
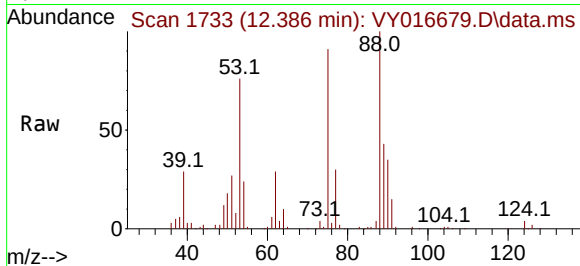
#81
trans-1,4-Dichloro-2-butene
Concen: 55.320 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 4564
Ion Ratio Lower Upper
75 100
53 80.5 77.8 116.8
89 45.8 37.4 56.0

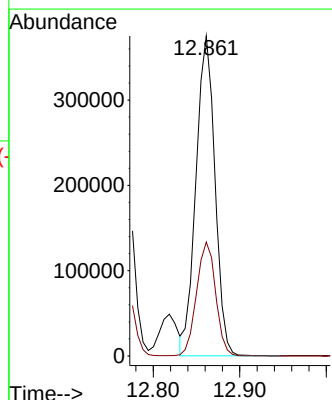
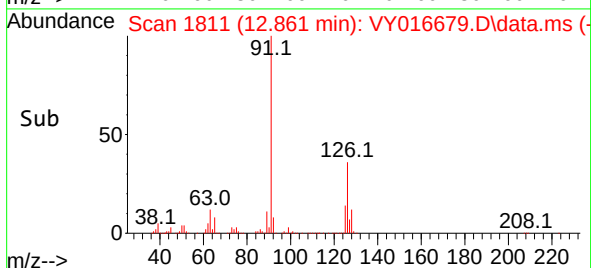
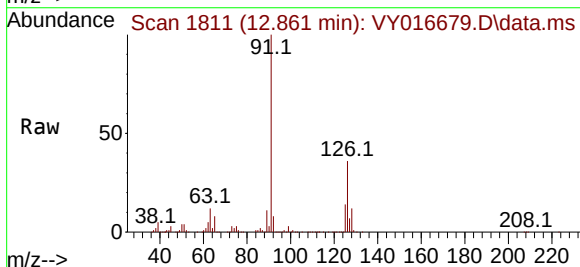
Manual Integrations
APPROVED

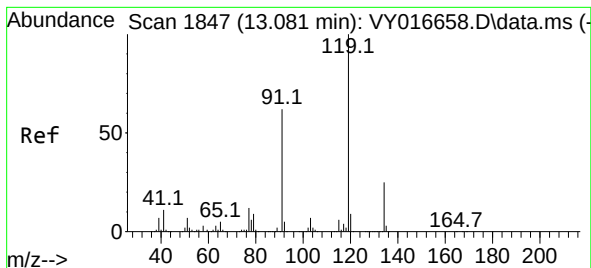
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#82
4-Chlorotoluene
Concen: 58.101 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 91 Resp: 570968
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 58.876 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

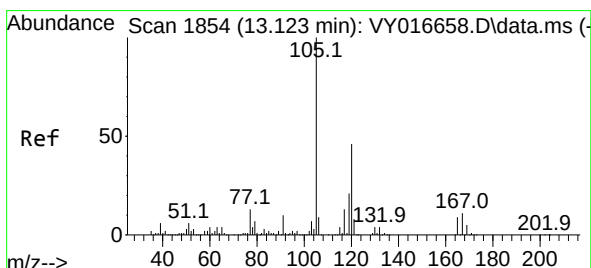
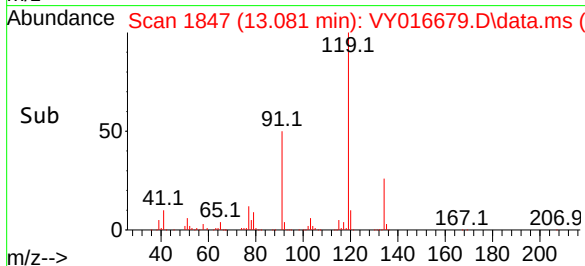
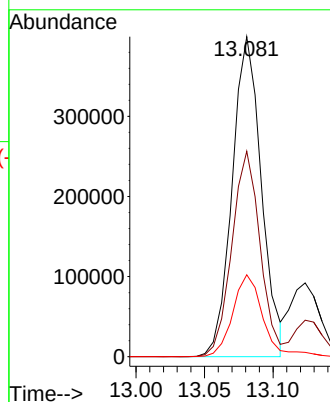
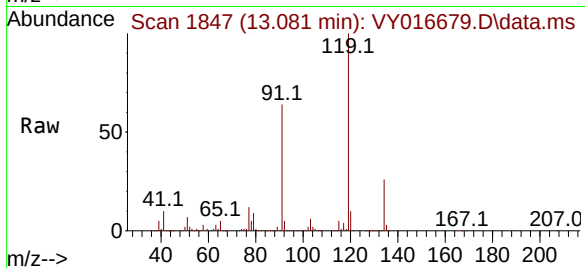
VSTDCCC050EC

Tgt Ion:	119	Resp:	59475
Ion Ratio	Lower	Upper	
119	100		
91	62.0	32.9	98.6
134	26.5	13.0	38.9

Manual Integrations

APPROVED

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



#84

1,2,4-Trimethylbenzene

Concen: 59.496 ug/l

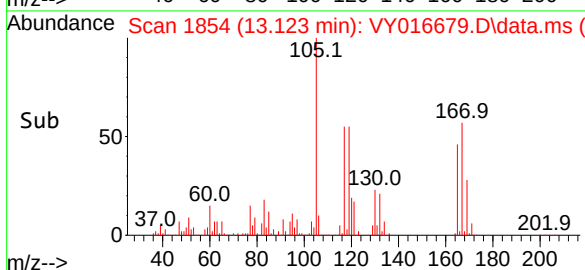
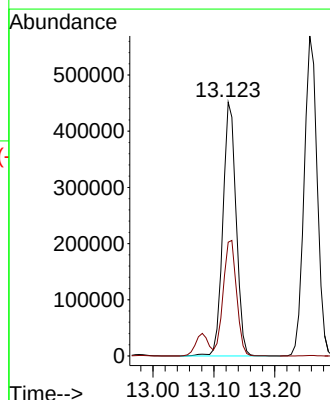
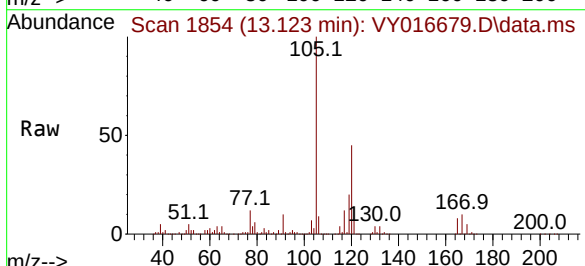
RT: 13.123 min Scan# 1854

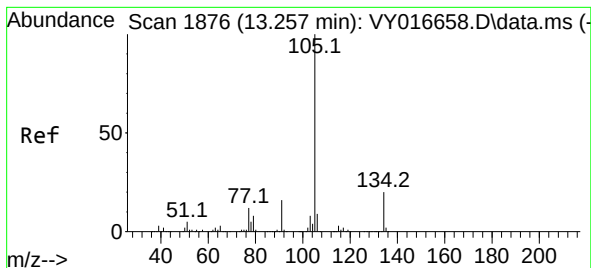
Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Tgt Ion:	105	Resp:	683117
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.2	66.6





#85

sec-Butylbenzene

Concen: 56.892 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 843309

Ion Ratio Lower Upper

105 100

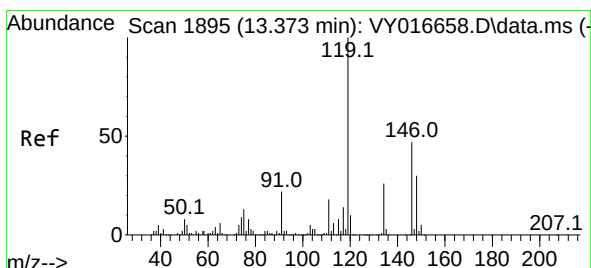
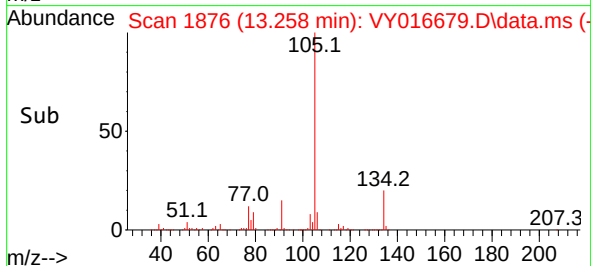
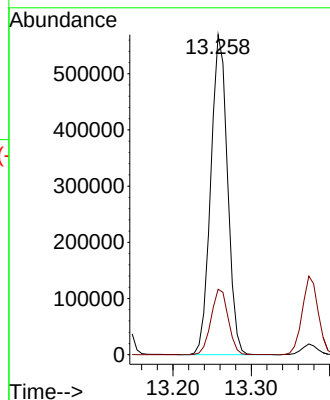
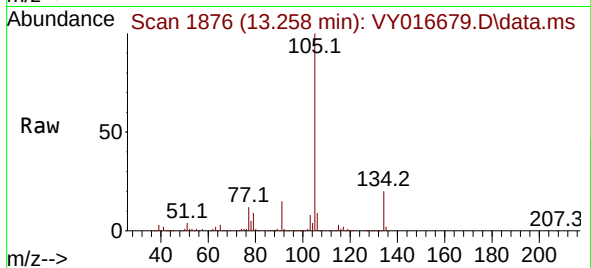
134 20.9 10.2 30.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#86

p-Isopropyltoluene

Concen: 58.869 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

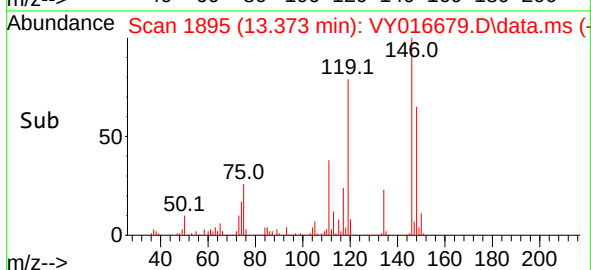
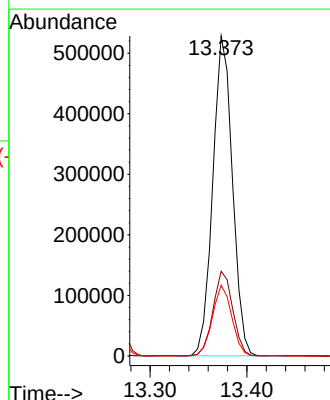
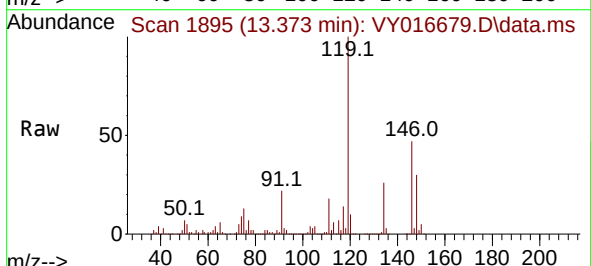
Tgt Ion:119 Resp: 745022

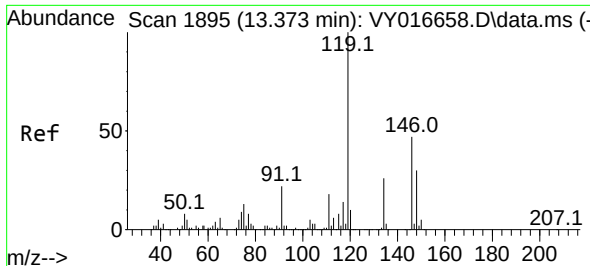
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

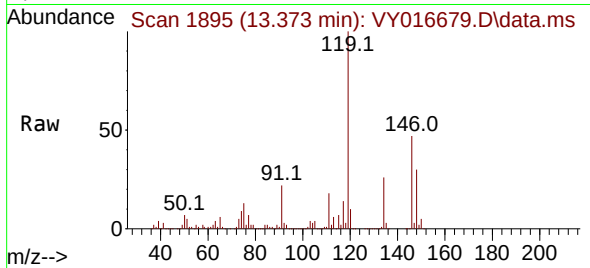
91 21.7 12.4 37.4





#87
1,3-Dichlorobenzene
Concen: 58.179 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

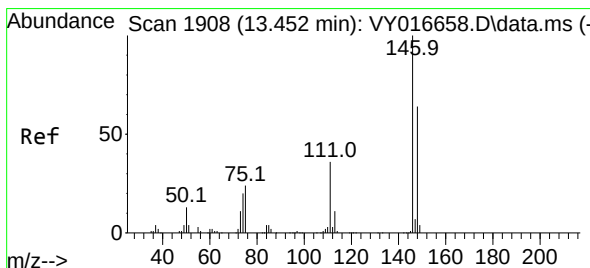
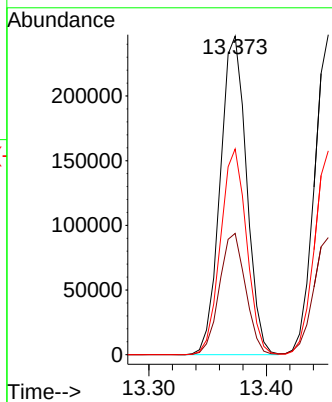
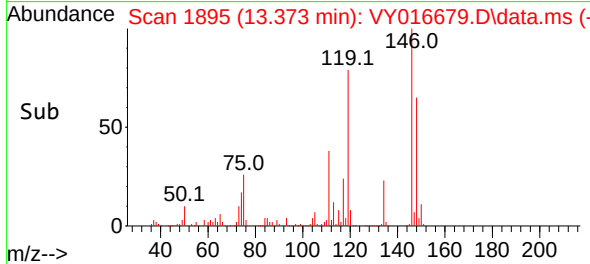
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



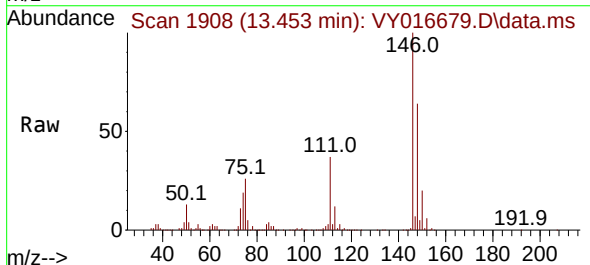
Tgt Ion:146 Resp: 383574
Ion Ratio Lower Upper
146 100
111 37.9 19.4 58.2
148 64.1 31.9 95.5

Manual Integrations
APPROVED

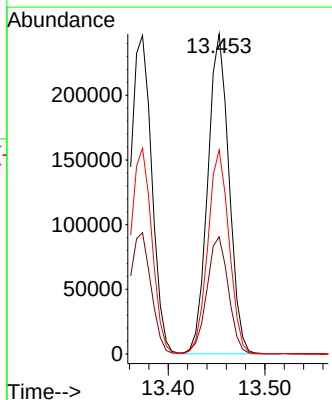
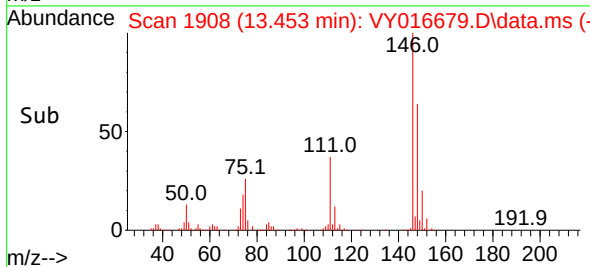
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023

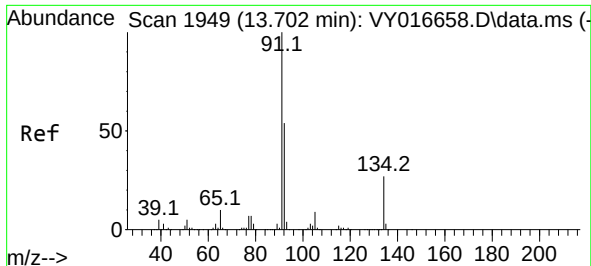


#88
1,4-Dichlorobenzene
Concen: 58.203 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09



Tgt Ion:146 Resp: 377326
Ion Ratio Lower Upper
146 100
111 37.2 18.9 56.7
148 63.8 32.1 96.5





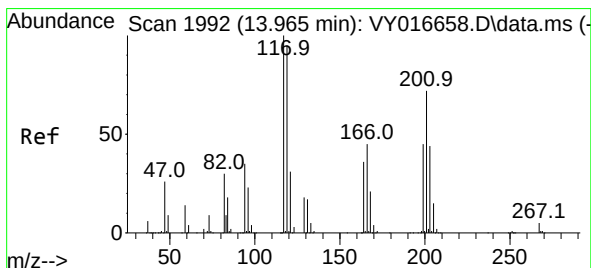
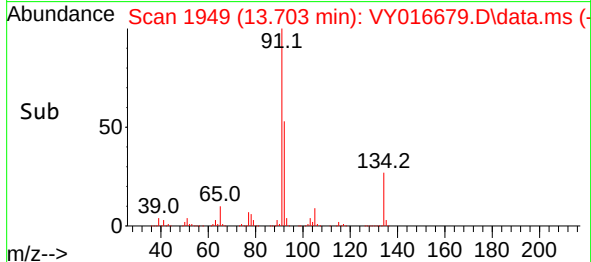
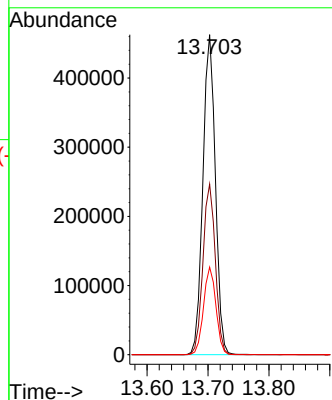
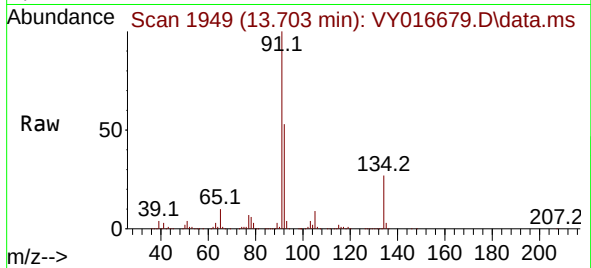
#89
n-Butylbenzene
Concen: 56.011 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 658500
Ion Ratio Lower Upper
91 100
92 53.1 25.4 76.0
134 27.2 12.6 37.6

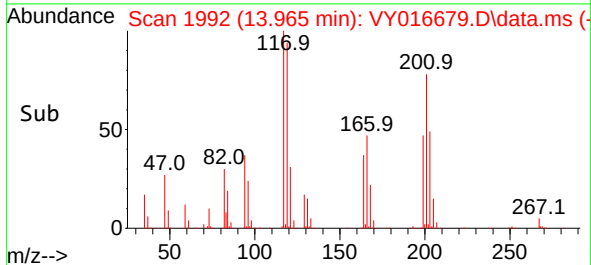
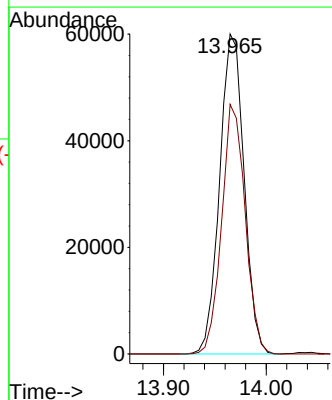
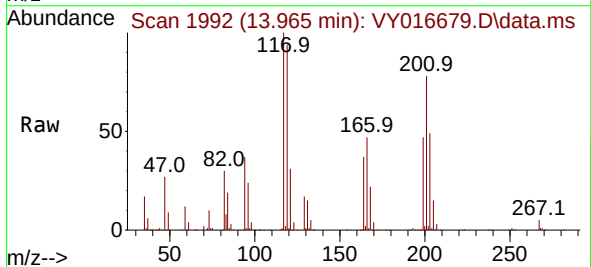
Manual Integrations
APPROVED

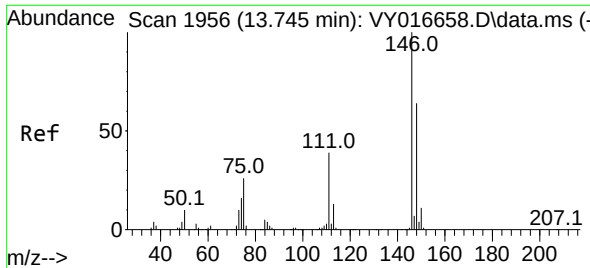
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#90
Hexachloroethane
Concen: 39.283 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:117 Resp: 98951
Ion Ratio Lower Upper
117 100
201 75.2 41.6 124.8





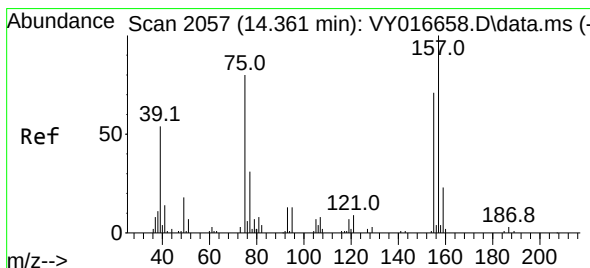
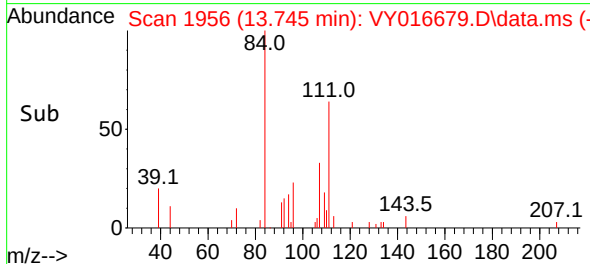
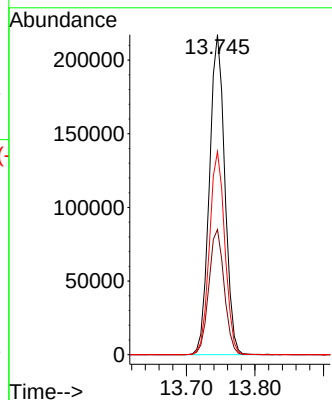
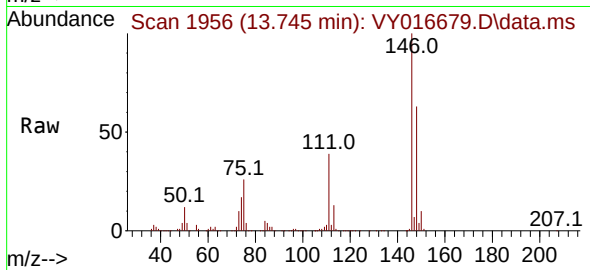
#91
1,2-Dichlorobenzene
Concen: 59.942 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 33909
Ion Ratio Lower Upper
146 100
111 39.2 19.7 59.0
148 63.4 32.0 96.2

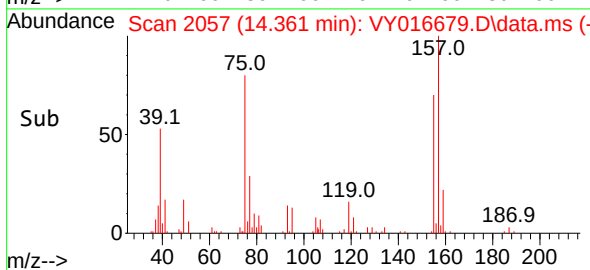
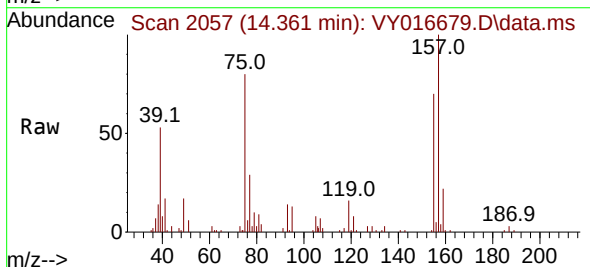
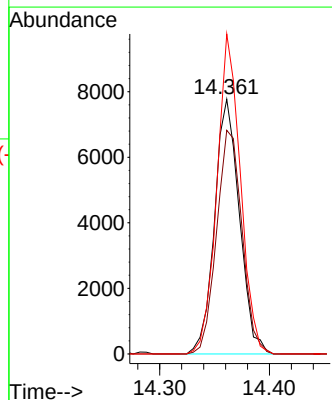
Manual Integrations
APPROVED

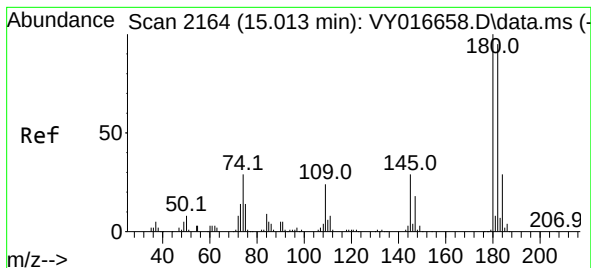
Reviewed By :Mahesh Dadoda 12/18/2023
Supervised By :Semsettin Yesilyurt 12/18/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 34.288 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion: 75 Resp: 12224
Ion Ratio Lower Upper
75 100
155 89.9 41.5 124.6
157 119.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 33.857 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 10346

Ion Ratio Lower Upper

180 100

182 93.6 47.0 141.2

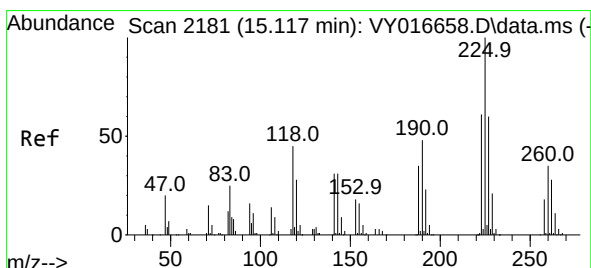
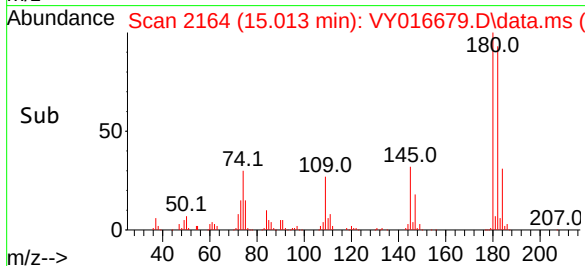
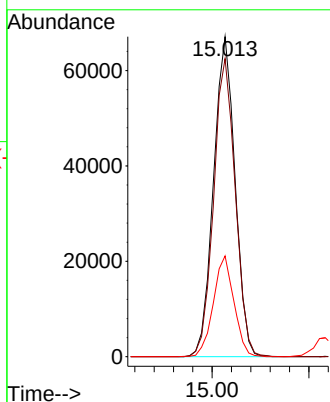
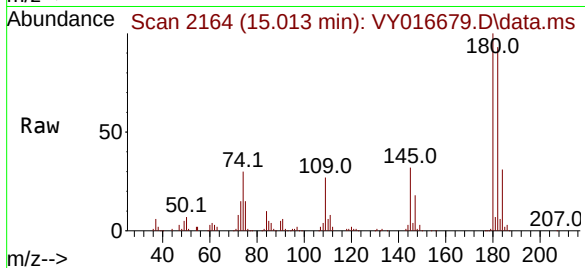
145 30.2 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 12/18/2023

Supervised By :Semsettin Yesilyurt 12/18/2023



#94

Hexachlorobutadiene

Concen: 29.896 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY016679.D

Acq: 16 Dec 2023 19:09

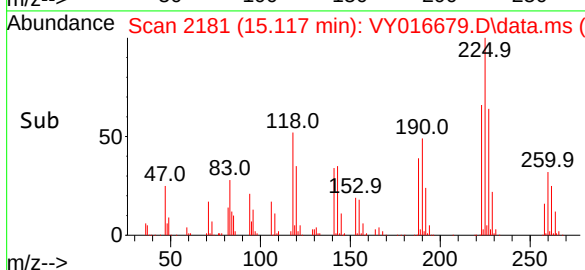
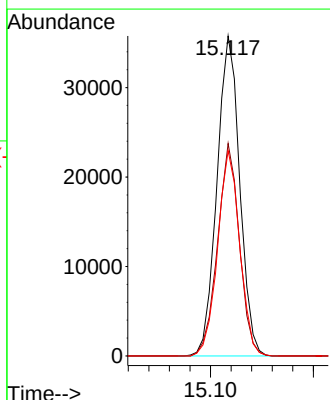
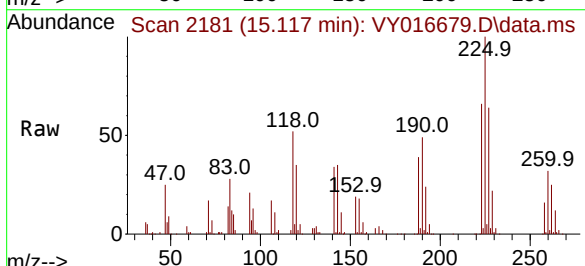
Tgt Ion:225 Resp: 54836

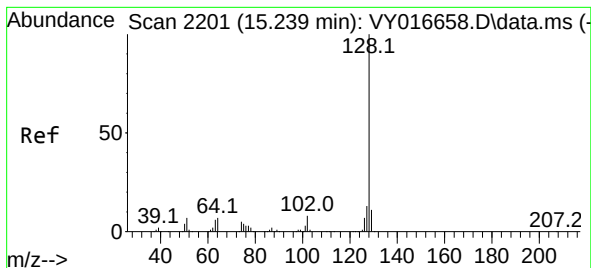
Ion Ratio Lower Upper

225 100

223 63.5 31.9 95.9

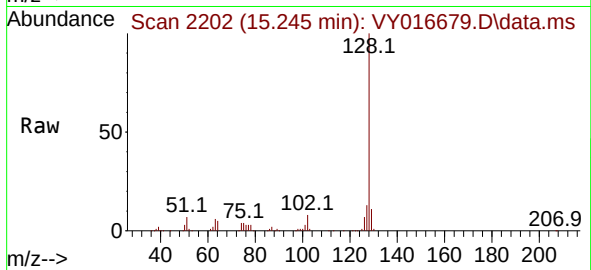
227 62.1 33.0 98.9





#95
Naphthalene
Concen: 37.629 ug/l
RT: 15.245 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

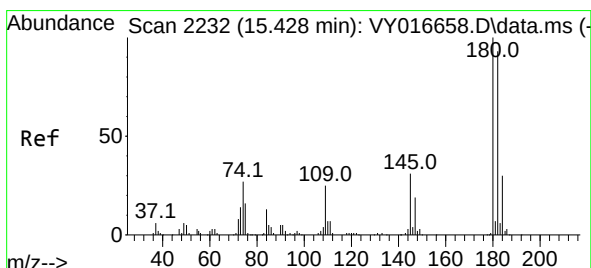
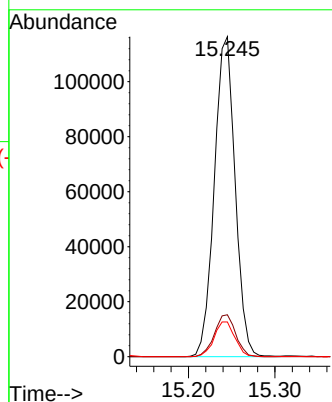
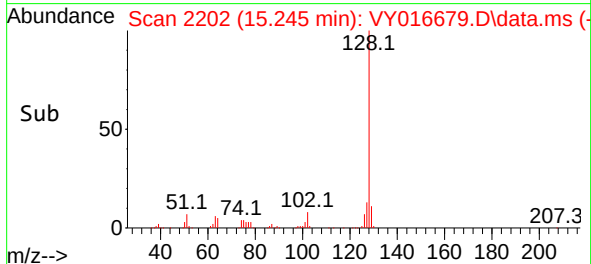
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 194064
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 10.9 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 34.415 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY016679.D
Acq: 16 Dec 2023 19:09

Tgt Ion:180 Resp: 86693
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.8
145 31.6 15.4 46.2

