

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016178.D
 Acq On : 01 Nov 2023 18:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:32:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	186919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	301182	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	265423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	125154	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	91026	52.043	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.080%	
35) Dibromofluoromethane	7.728	113	87263	48.599	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.200%	
50) Toluene-d8	10.191	98	357455	50.211	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.489	95	124888	51.303	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.906	85	59060	49.533	ug/l	99
3) Chloromethane	2.119	50	76136	46.120	ug/l	100
4) Vinyl Chloride	2.253	62	75451	44.283	ug/l	97
5) Bromomethane	2.656	94	44537	38.732	ug/l	96
6) Chloroethane	2.796	64	48720	40.615	ug/l	98
7) Trichlorofluoromethane	3.131	101	128611	49.999	ug/l	100
8) Diethyl Ether	3.534	74	44157	51.794	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.912	101	77083	47.568	ug/l	98
10) Methyl Iodide	4.101	142	88277	48.990	ug/l	97
11) Tert butyl alcohol	4.966	59	35349	270.498	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	71428	48.293	ug/l	87
13) Acrolein	3.735	56	28197	234.298	ug/l	99
14) Allyl chloride	4.491	41	102145	48.282	ug/l #	93
15) Acrylonitrile	5.174	53	94122	258.362	ug/l	97
16) Acetone	3.954	43	63815	226.790	ug/l #	85
17) Carbon Disulfide	4.204	76	179404	48.585	ug/l	98
18) Methyl Acetate	4.485	43	71261	50.662	ug/l #	86
19) Methyl tert-butyl Ether	5.228	73	227079	53.975	ug/l	97
20) Methylene Chloride	4.728	84	92995	52.422	ug/l #	84
21) trans-1,2-Dichloroethene	5.234	96	85883	49.850	ug/l	89
22) Diisopropyl ether	6.131	45	245825	48.041	ug/l #	85
23) Vinyl Acetate	6.070	43	606423	241.375	ug/l #	89
24) 1,1-Dichloroethane	6.027	63	149788	48.911	ug/l	96
25) 2-Butanone	6.996	43	113049	234.275	ug/l #	84
26) 2,2-Dichloropropane	6.990	77	139397	48.151	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	104906	51.742	ug/l	90
28) Bromochloromethane	7.350	49	58396	50.957	ug/l #	77
29) Tetrahydrofuran	7.356	42	76607	253.255	ug/l #	83
30) Chloroform	7.521	83	169324	50.784	ug/l	96
31) Cyclohexane	7.795	56	121417	45.158	ug/l	89
32) 1,1,1-Trichloroethane	7.716	97	154362	50.482	ug/l	96
36) 1,1-Dichloropropene	7.929	75	119581	46.121	ug/l	98
37) Ethyl Acetate	7.088	43	55130	47.739	ug/l #	93
38) Carbon Tetrachloride	7.911	117	135069	52.582	ug/l	97
39) Methylcyclohexane	9.197	83	147710	47.727	ug/l	88
40) Benzene	8.173	78	407526	54.749	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	29777	44.422	ug/l	91
42) 1,2-Dichloroethane	8.246	62	190328	91.625	ug/l	93
43) Isopropyl Acetate	8.283	43	114326	50.049	ug/l #	90
44) Trichloroethene	8.947	130	109995	50.496	ug/l	95
45) 1,2-Dichloropropane	9.228	63	88948	49.674	ug/l	100
46) Dibromomethane	9.319	93	52073	51.264	ug/l	98
47) Bromodichloromethane	9.508	83	132371	51.289	ug/l	97
48) Methyl methacrylate	9.301	41	50668	48.779	ug/l #	86
49) 1,4-Dioxane	9.307	88	12353	1025.152	ug/l #	66
51) 4-Methyl-2-Pentanone	10.081	43	293880	257.838	ug/l	91
52) Toluene	10.252	92	465625	96.535	ug/l	94
53) t-1,3-Dichloropropene	10.477	75	134061	52.034	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	152367	50.399	ug/l #	89
55) 1,1,2-Trichloroethane	10.654	97	74582	52.197	ug/l	93
56) Ethyl methacrylate	10.520	69	101462	54.678	ug/l #	82
57) 1,3-Dichloropropane	10.801	76	122808	50.487	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	227841	253.210	ug/l	90
59) 2-Hexanone	10.843	43	199359	255.245	ug/l	87
60) Dibromochloromethane	10.996	129	96183	53.656	ug/l	100
61) 1,2-Dibromoethane	11.099	107	72526	53.364	ug/l	99
64) Tetrachloroethene	10.734	164	114660	48.566	ug/l	97
65) Chlorobenzene	11.526	112	267591	50.744	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	103298	52.887	ug/l	100
67) Ethyl Benzene	11.605	91	558823	59.248	ug/l	98
68) m/p-Xylenes	11.709	106	505134	138.595	ug/l	94
69) o-Xylene	12.038	106	206447	59.326	ug/l	96
70) Styrene	12.056	104	297206	51.376	ug/l	98
71) Bromoform	12.215	173	59172	54.609	ug/l #	98
73) Isopropylbenzene	12.337	105	461114	49.117	ug/l	99
74) N-amyl acetate	12.154	43	101321	49.665	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	75994	50.870	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	104453	88.625	ug/l #	100
77) Bromobenzene	12.617	156	109251	51.393	ug/l	93
78) n-propylbenzene	12.678	91	545150	49.116	ug/l	97
79) 2-Chlorotoluene	12.764	91	308736	49.872	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	389519	51.212	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	28008	51.526	ug/l	91
82) 4-Chlorotoluene	12.861	91	306640	48.238	ug/l	98
83) tert-Butylbenzene	13.081	119	339205	49.843	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	440148	58.483	ug/l	97
85) sec-Butylbenzene	13.264	105	479884	48.043	ug/l	98
86) p-Isopropyltoluene	13.379	119	403160	48.700	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	208300	49.546	ug/l	100
88) 1,4-Dichlorobenzene	13.453	146	205934	49.560	ug/l	99
89) n-Butylbenzene	13.702	91	366279	48.153	ug/l	94
90) Hexachloroethane	13.971	117	77947	54.638	ug/l	94
91) 1,2-Dichlorobenzene	13.745	146	192058	52.872	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	13580	50.794	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	117179	52.265	ug/l	98
94) Hexachlorobutadiene	15.117	225	64474	52.625	ug/l	98
95) Naphthalene	15.245	128	289246	66.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	101241	52.861	ug/l	98

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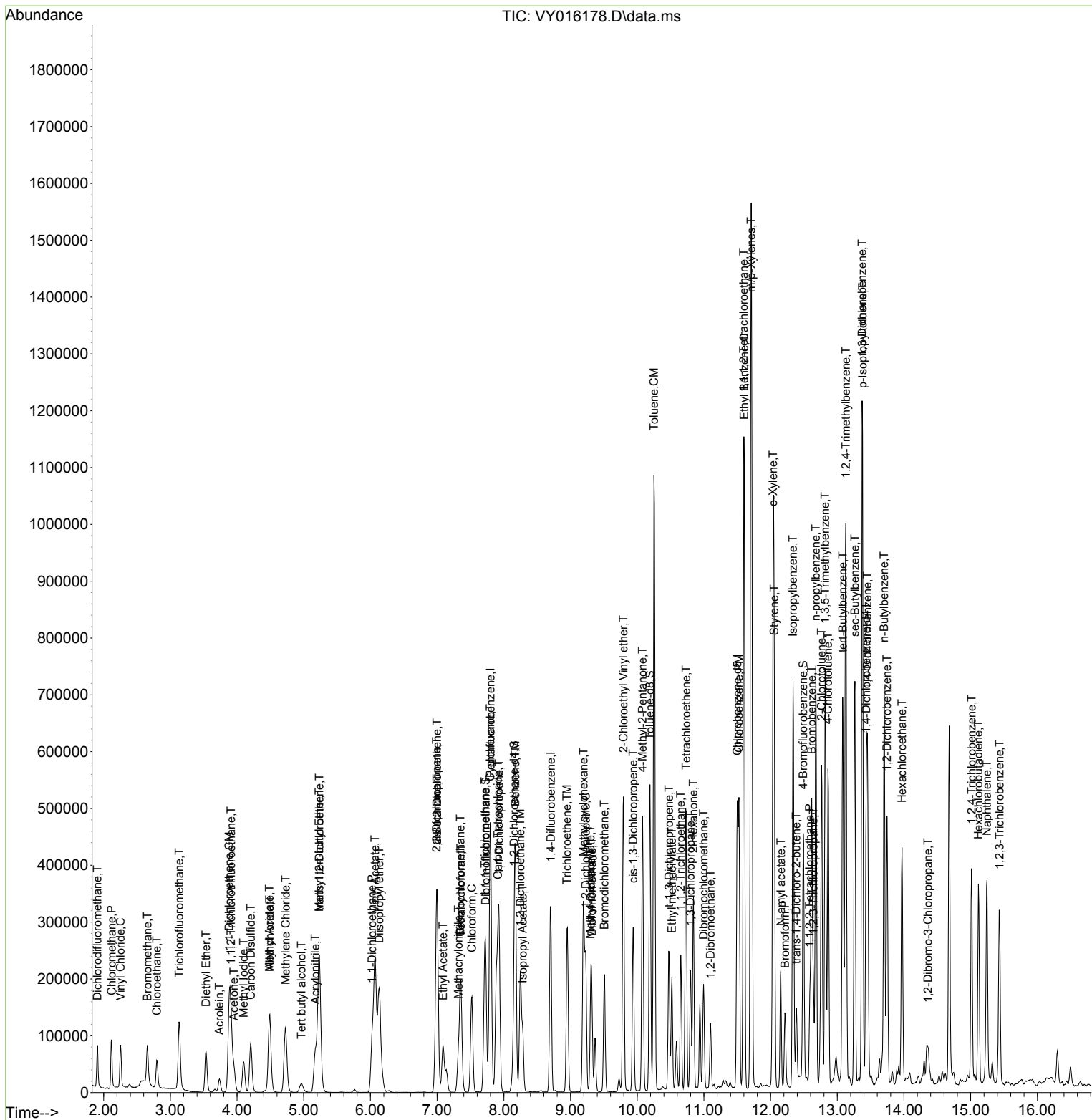
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MSVOA_Y
ClientSampleId :

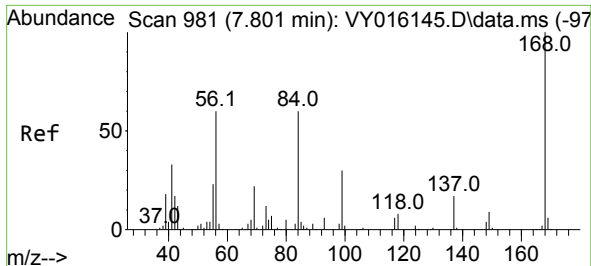
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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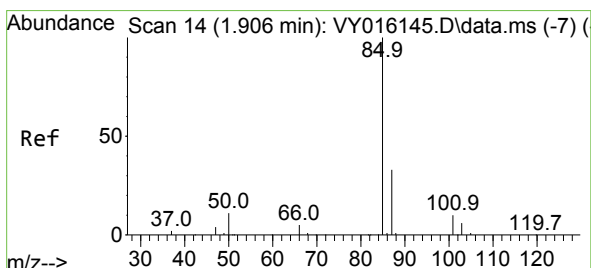
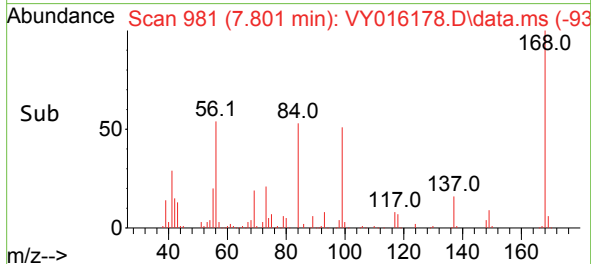
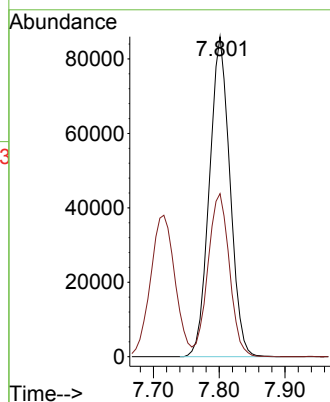
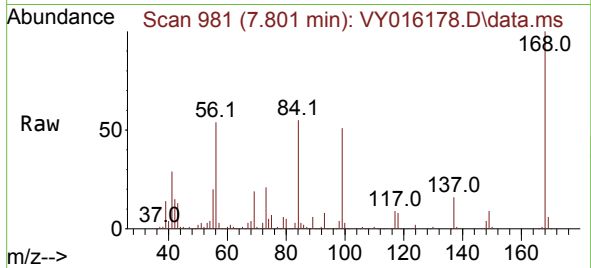




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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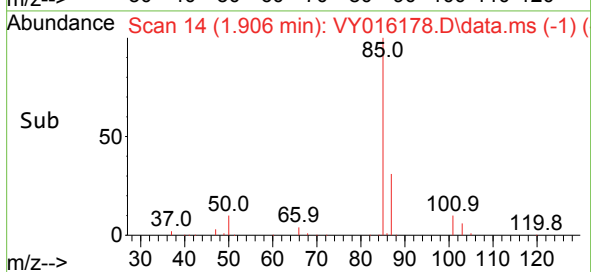
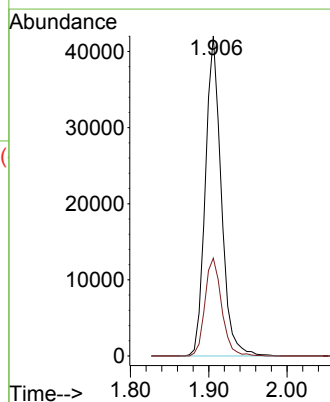
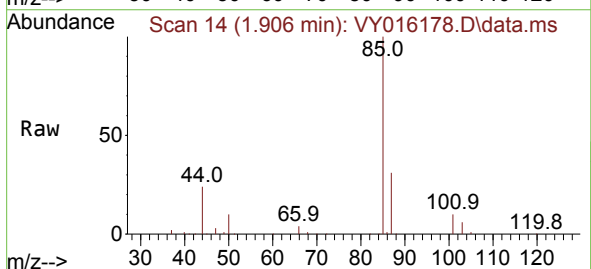
Instrument :
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ClientSampleId :

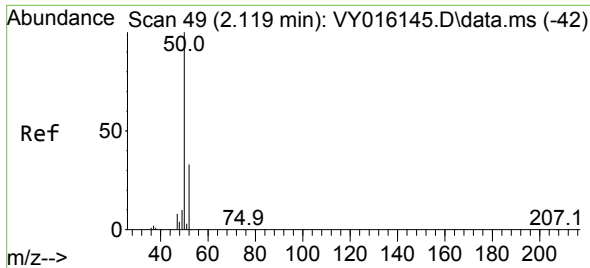
Tgt Ion:168 Resp: 186919
Ion Ratio Lower Upper
168 100
99 51.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.533 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 85 Resp: 59060
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8

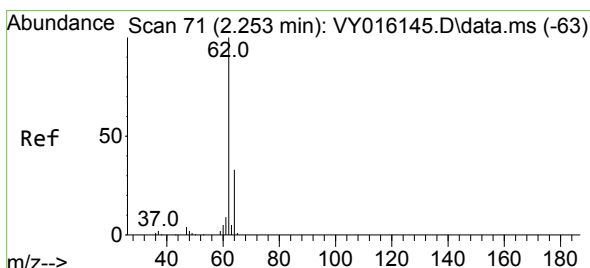
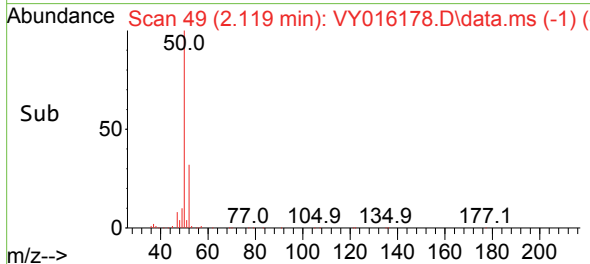
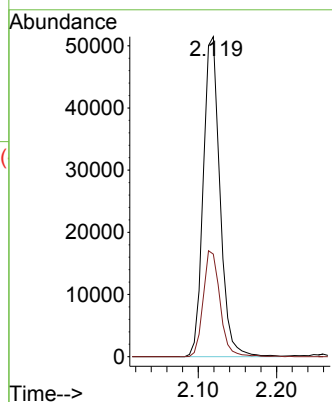
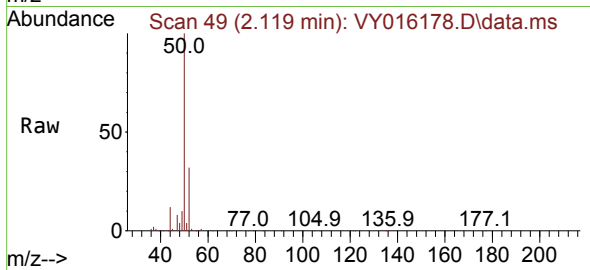




#3
Chloromethane
Concen: 46.120 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

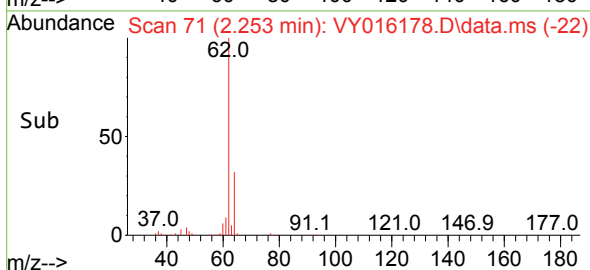
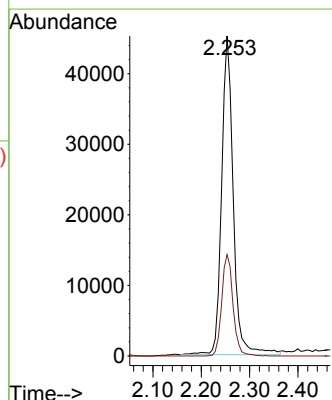
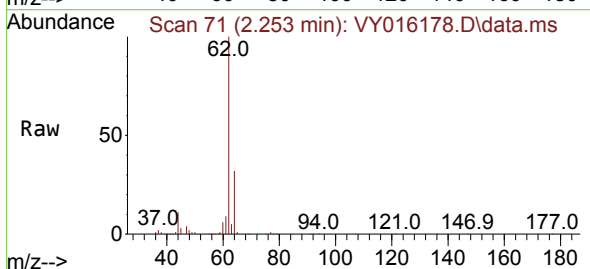
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MSVOA_Y
ClientSampleId :

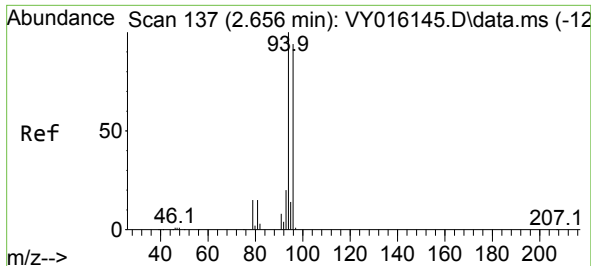
Tgt Ion: 50 Resp: 76136
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 44.283 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
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Acq: 01 Nov 2023 18:56

Tgt Ion: 62 Resp: 75451
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

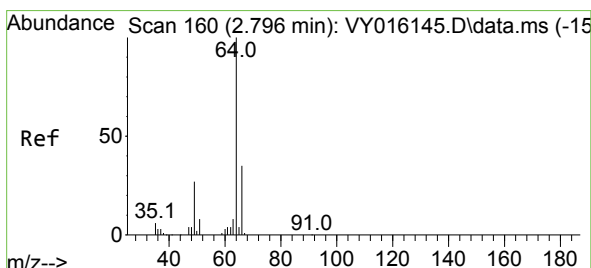
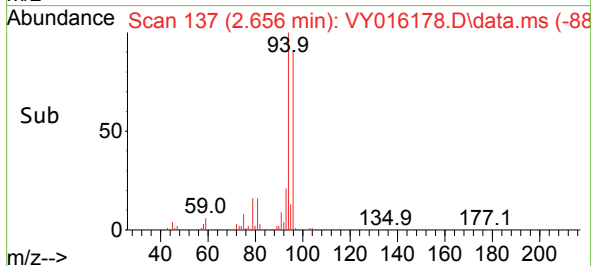
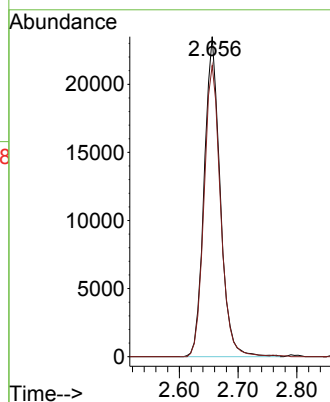
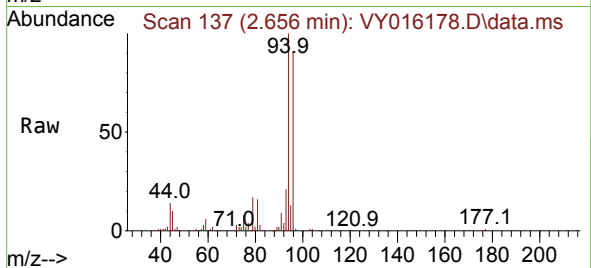




#5
Bromomethane
Concen: 38.732 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

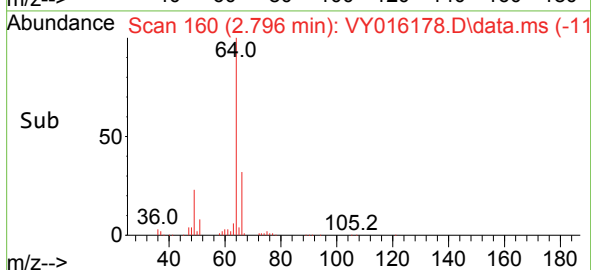
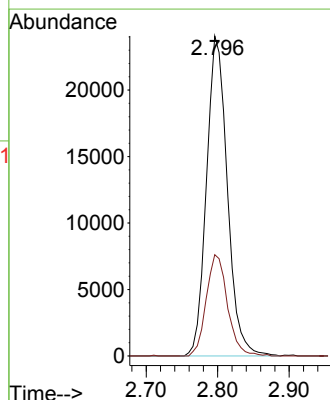
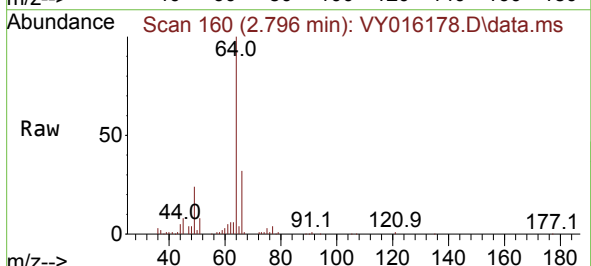
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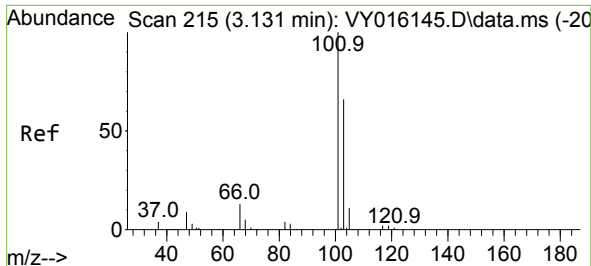
Tgt Ion: 94 Resp: 44537
Ion Ratio Lower Upper
94 100
96 91.0 75.8 113.6



#6
Chloroethane
Concen: 40.615 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 64 Resp: 48720
Ion Ratio Lower Upper
64 100
66 31.7 24.4 36.6

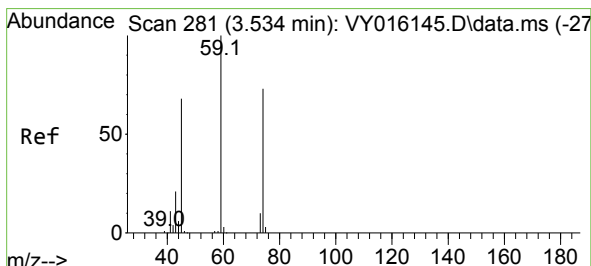
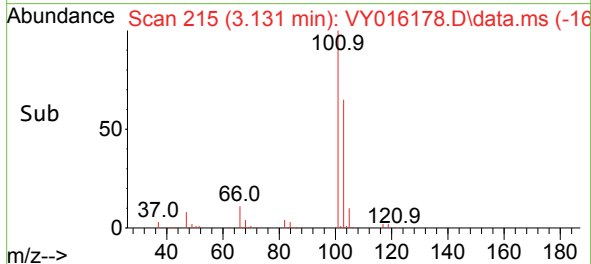
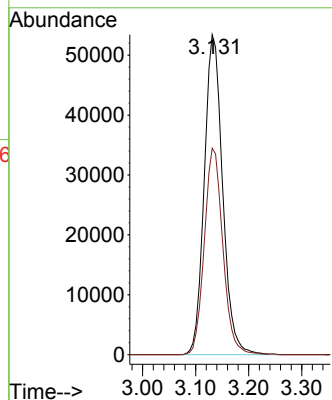
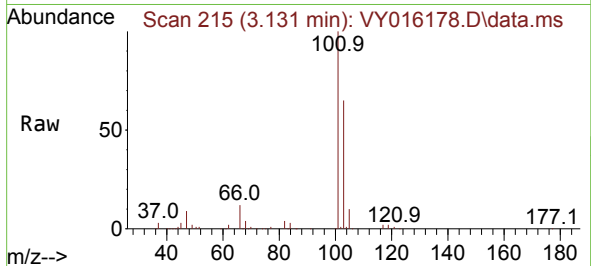




#7
Trichlorofluoromethane
Concen: 49.999 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY016178.D
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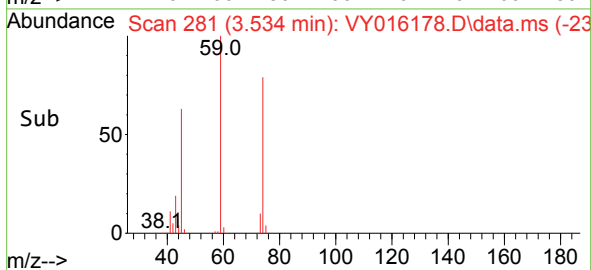
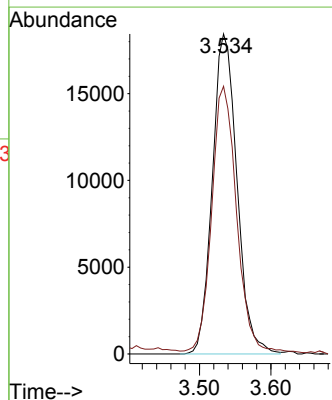
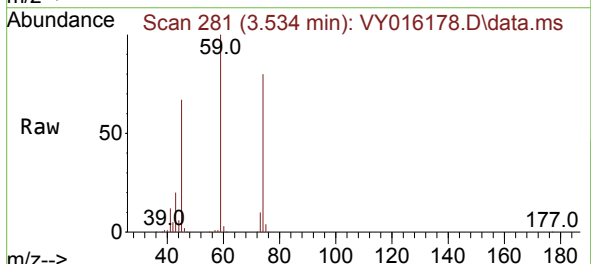
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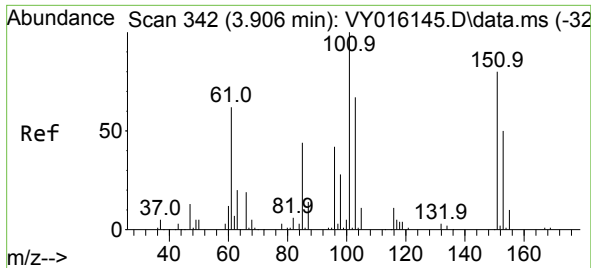
Tgt Ion:101 Resp: 128611
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0



#8
Diethyl Ether
Concen: 51.794 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 44157
Ion Ratio Lower Upper
74 100
45 84.0 51.5 154.5

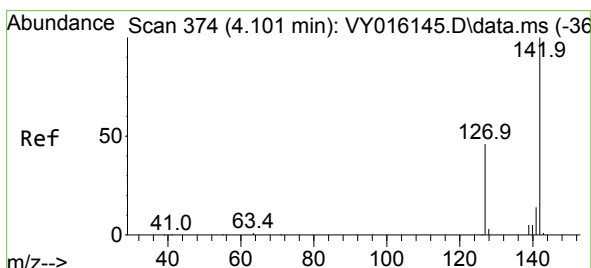
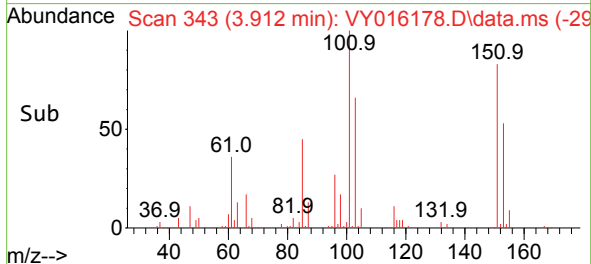
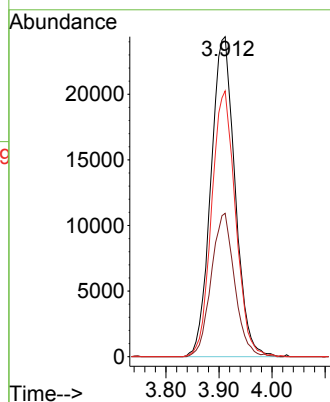
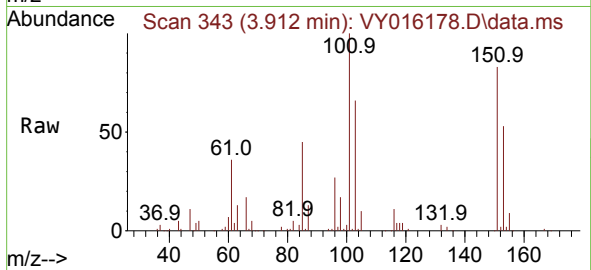




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.568 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

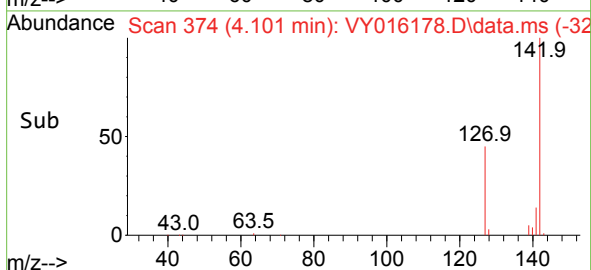
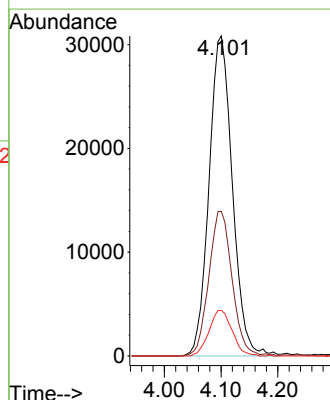
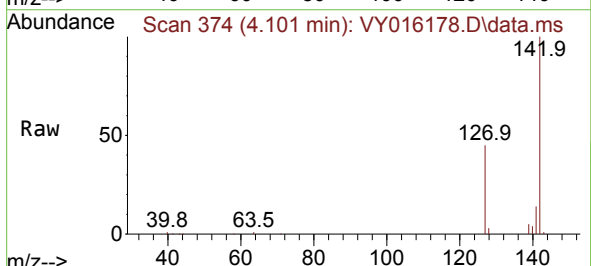
Instrument :
MSVOA_Y
ClientSampleId :

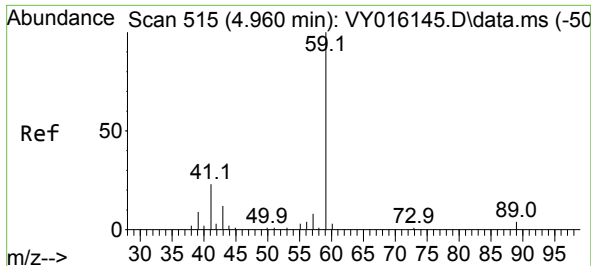
Tgt Ion:101 Resp: 77083
Ion Ratio Lower Upper
101 100
85 43.5 36.6 55.0
151 82.2 67.0 100.6



#10
Methyl Iodide
Concen: 48.990 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion:142 Resp: 88277
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.1 11.8 17.8

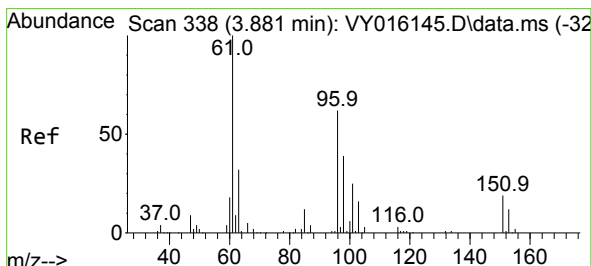
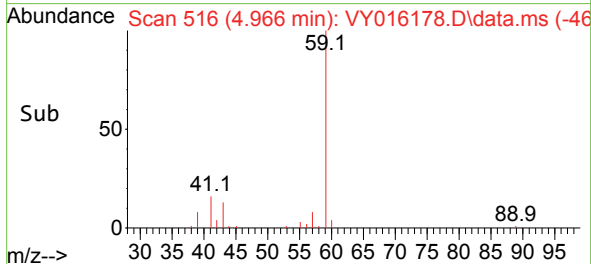
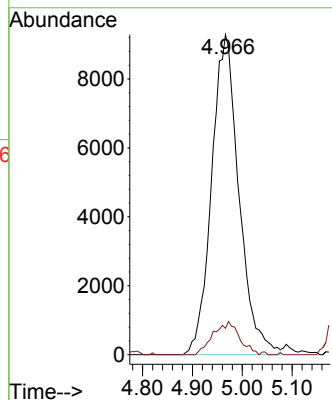
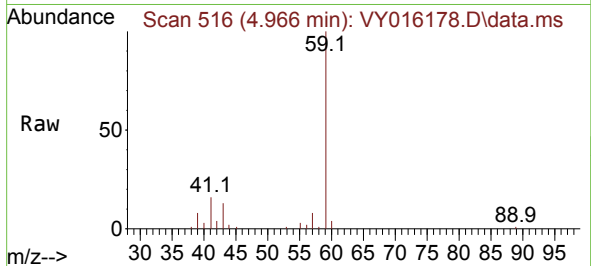




#11
Tert butyl alcohol
Concen: 270.498 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

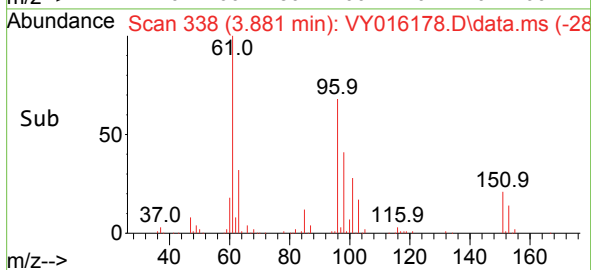
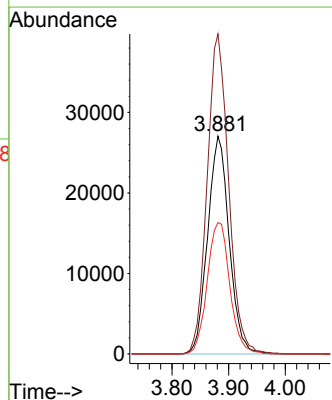
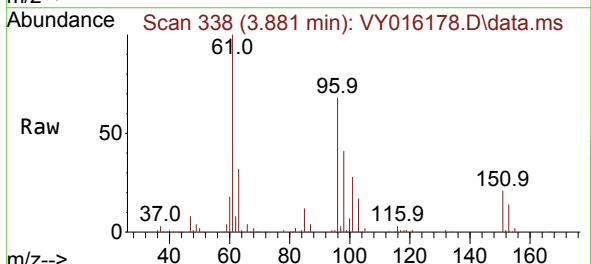
Instrument :
MSVOA_Y
ClientSampleId :

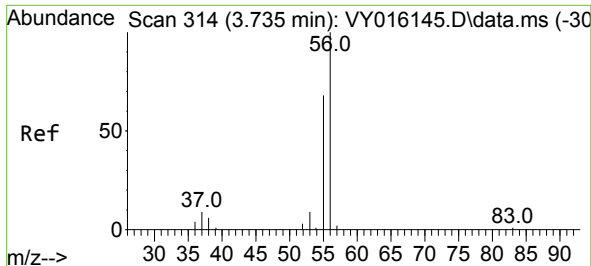
Tgt Ion: 59 Resp: 35349
Ion Ratio Lower Upper
59 100
57 9.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.293 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 96 Resp: 71428
Ion Ratio Lower Upper
96 100
61 146.9 136.4 204.6
98 60.3 49.4 74.2





#13

Acrolein

Concen: 234.298 ug/l

RT: 3.735 min Scan# 314

Delta R.T. -0.000 min

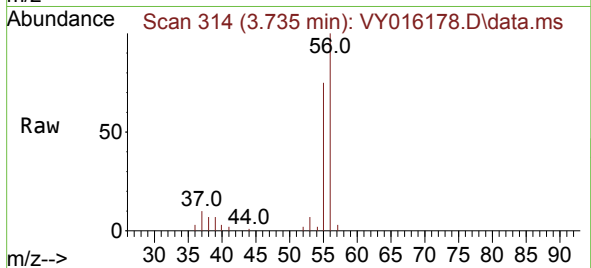
Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

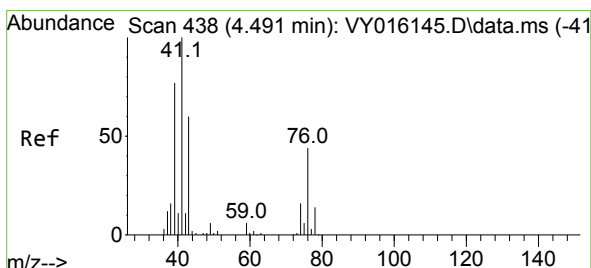
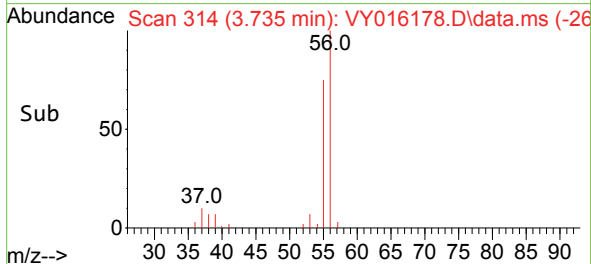
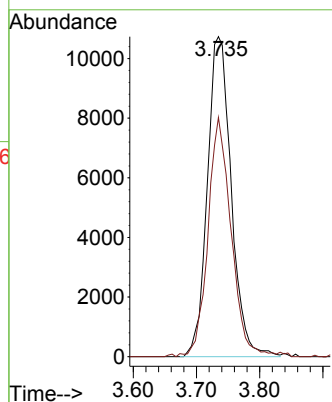


Tgt Ion: 56 Resp: 28197

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



#14

Allyl chloride

Concen: 48.282 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

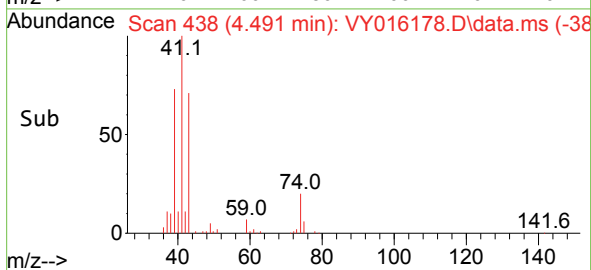
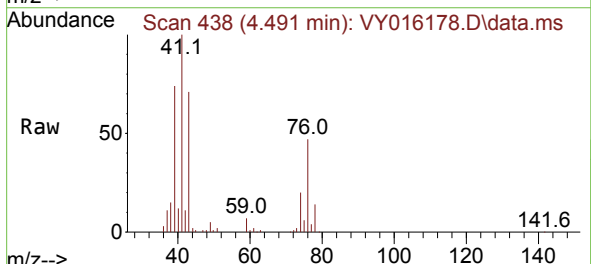
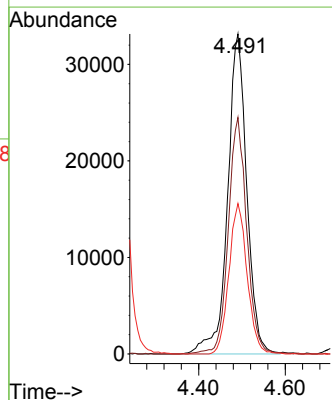
Tgt Ion: 41 Resp: 102145

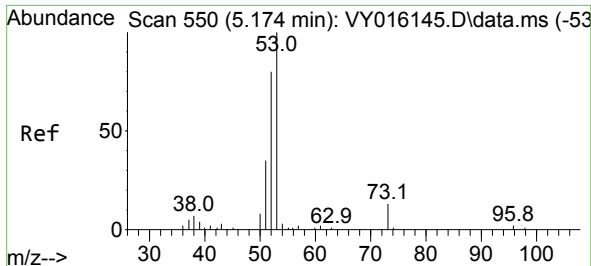
Ion Ratio Lower Upper

41 100

39 71.1 58.0 87.0

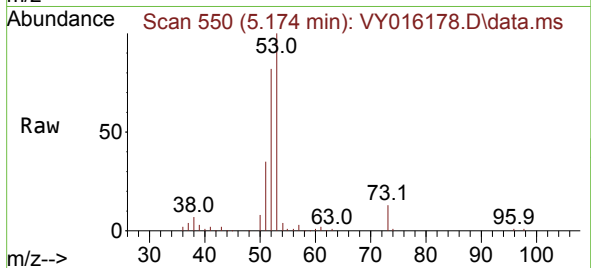
76 44.7 27.4 41.2#



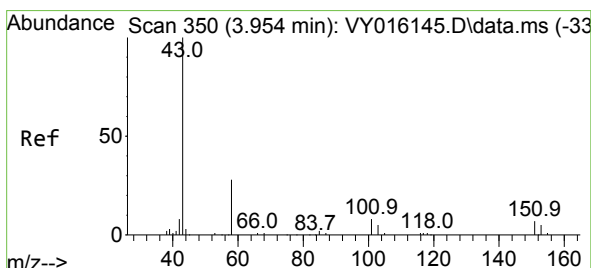
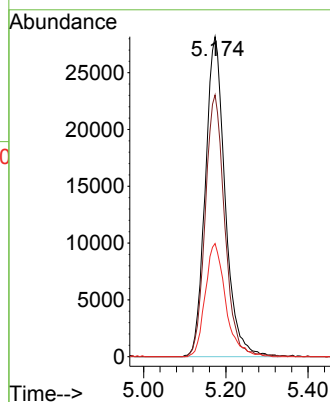
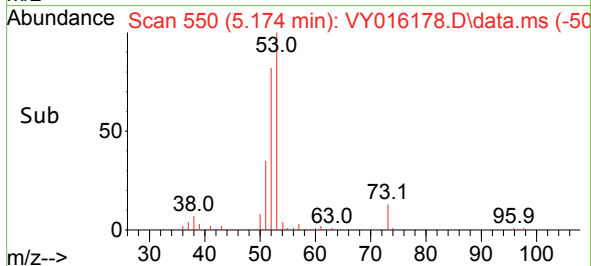


#15
Acrylonitrile
Concen: 258.362 ug/l
RT: 5.174 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

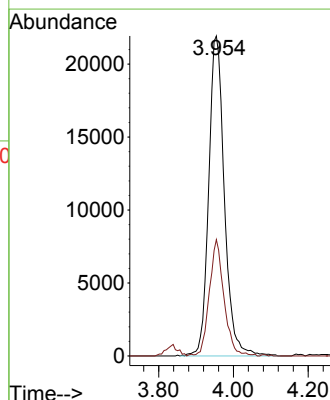
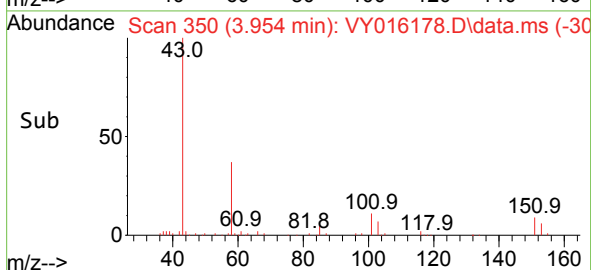
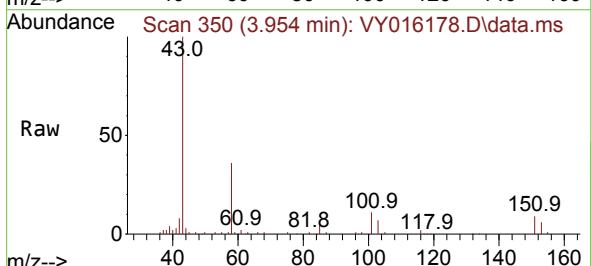


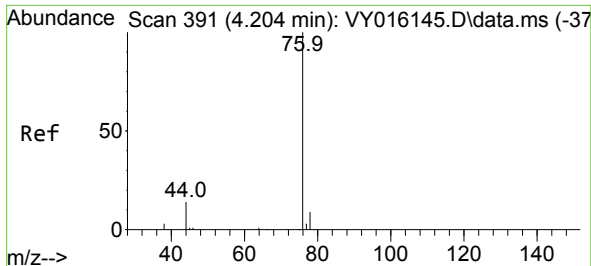
Tgt Ion: 53 Resp: 94122
Ion Ratio Lower Upper
53 100
52 80.3 66.9 100.3
51 36.6 29.8 44.6



#16
Acetone
Concen: 226.790 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 43 Resp: 63815
Ion Ratio Lower Upper
43 100
58 36.3 22.7 34.1#

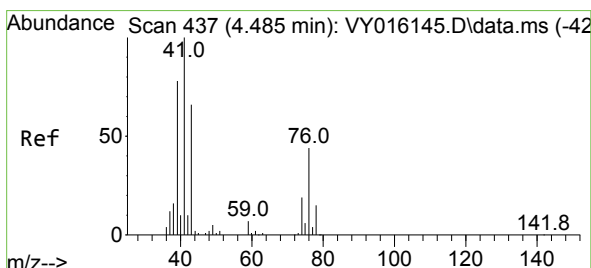
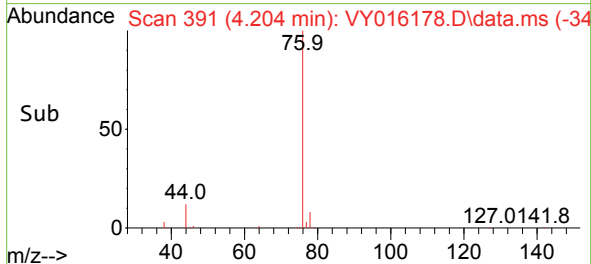
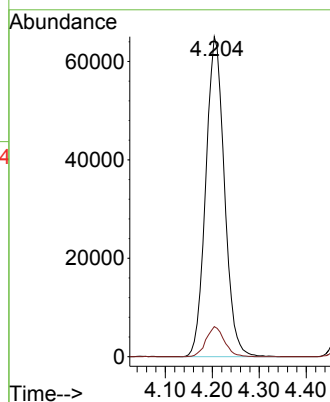
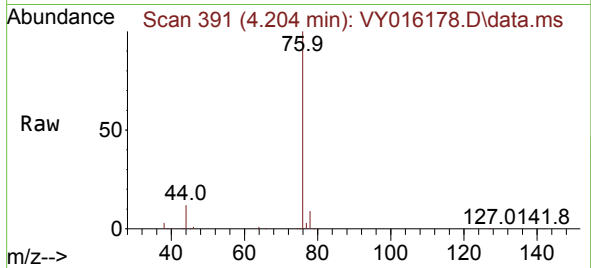




#17
Carbon Disulfide
Concen: 48.585 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

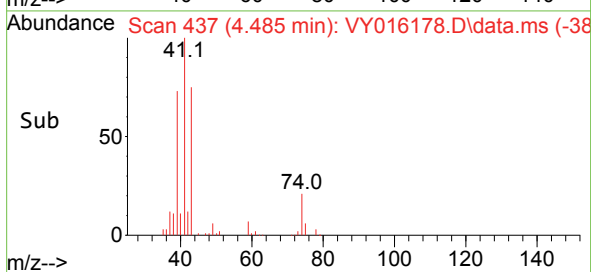
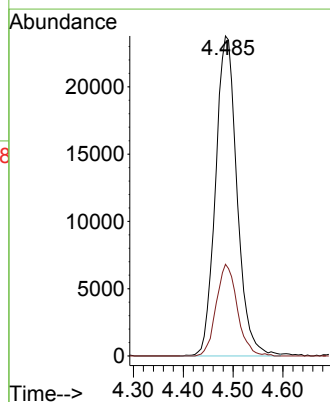
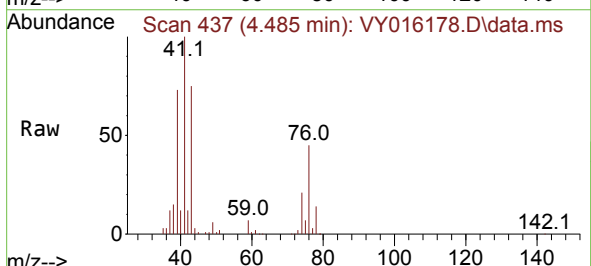
Instrument :
MSVOA_Y
ClientSampleId :

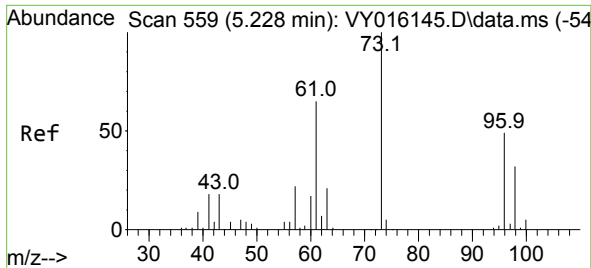
Tgt Ion: 76 Resp: 179404
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 50.662 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 43 Resp: 71261
Ion Ratio Lower Upper
43 100
74 28.1 17.4 26.0#

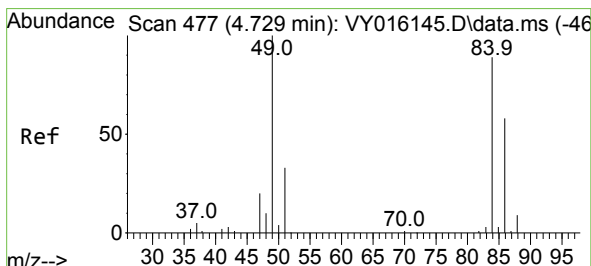
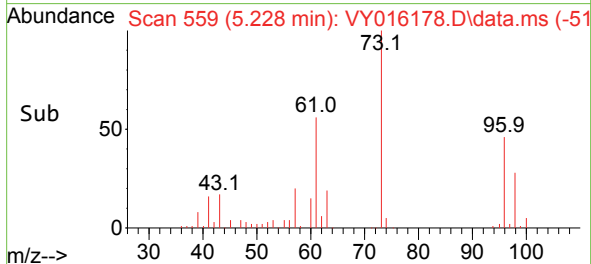
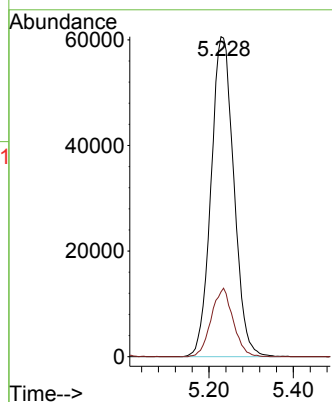
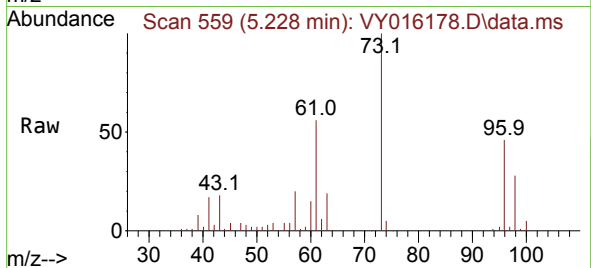




#19
Methyl tert-butyl Ether
Concen: 53.975 ug/l
RT: 5.228 min Scan# 511
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

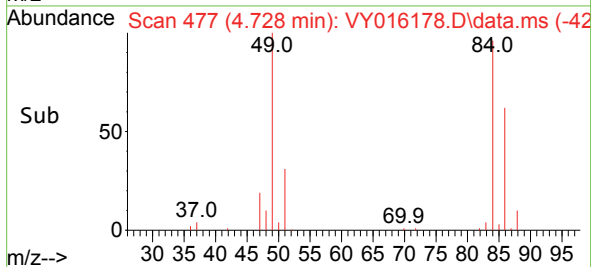
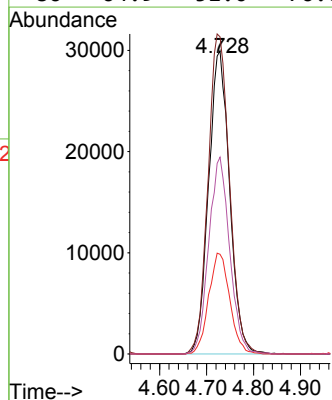
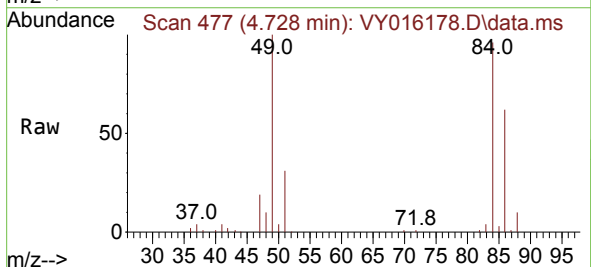
Instrument :
MSVOA_Y
ClientSampleId :

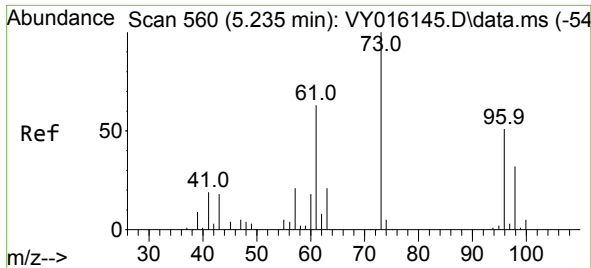
Tgt Ion: 73 Resp: 227079
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 52.422 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 84 Resp: 92995
Ion Ratio Lower Upper
84 100
49 104.6 106.9 160.3#
51 32.9 33.2 49.8#
86 64.9 51.0 76.6

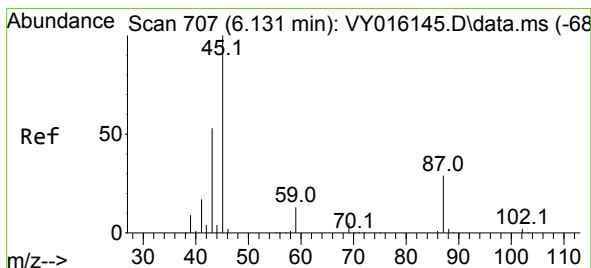
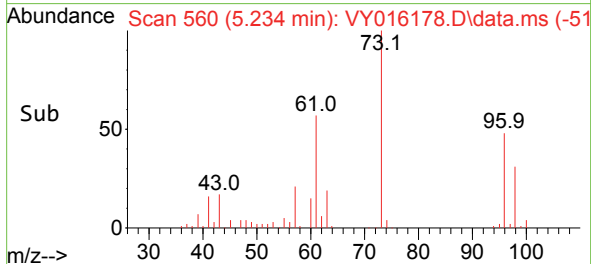
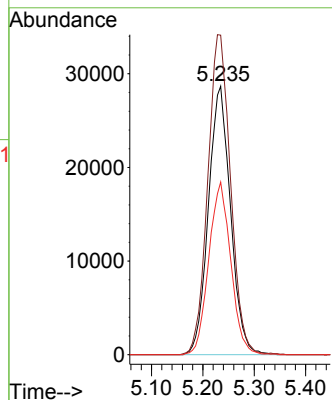
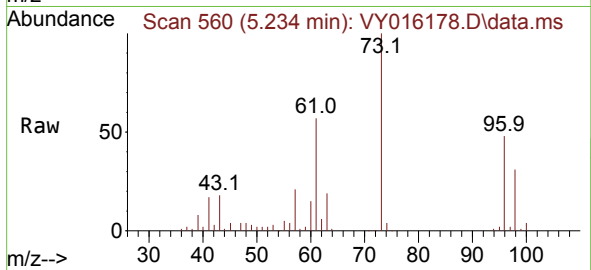




#21
trans-1,2-Dichloroethene
Concen: 49.850 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

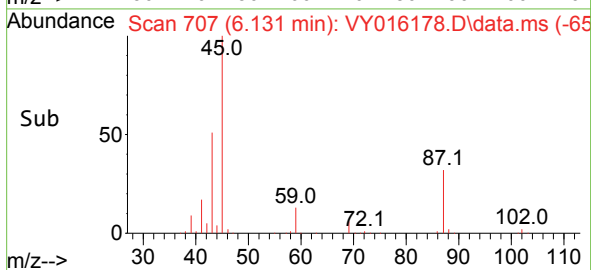
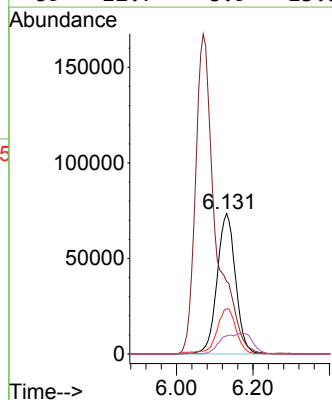
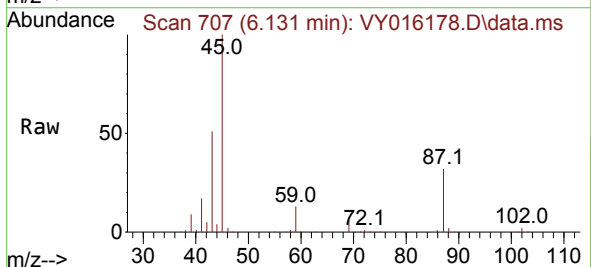
Instrument :
MSVOA_Y
ClientSampleId :

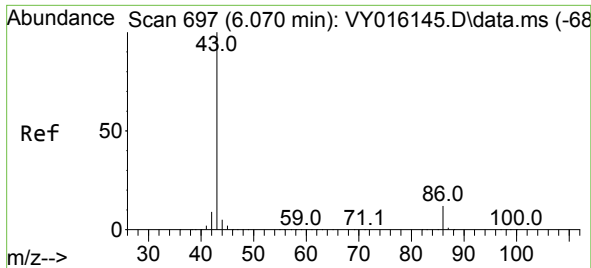
Tgt Ion: 96 Resp: 85883
Ion Ratio Lower Upper
96 100
61 119.0 110.2 165.4
98 64.3 51.8 77.6



#22
Diisopropyl ether
Concen: 48.041 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 45 Resp: 245825
Ion Ratio Lower Upper
45 100
43 50.9 52.2 78.4#
87 32.0 21.0 31.6#
59 12.7 8.9 13.3

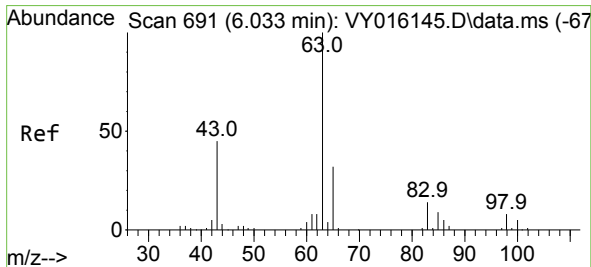
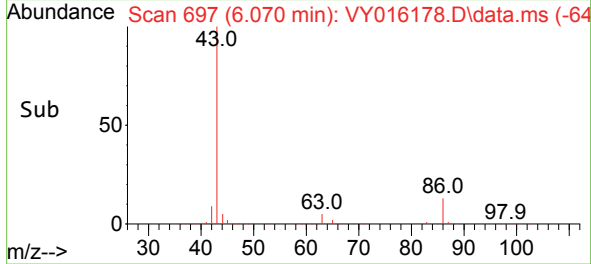
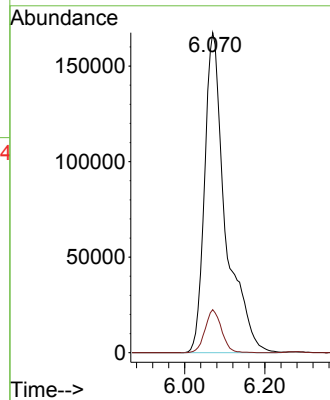
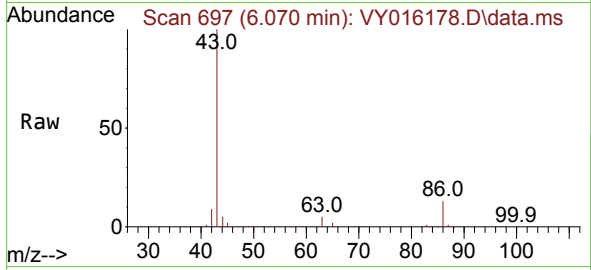




#23
 Vinyl Acetate
 Concen: 241.375 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. -0.000 min
 Lab File: VY016178.D
 Acq: 01 Nov 2023 18:56

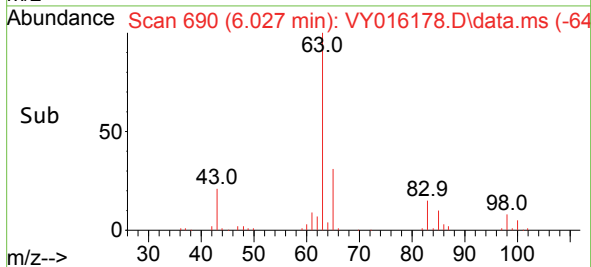
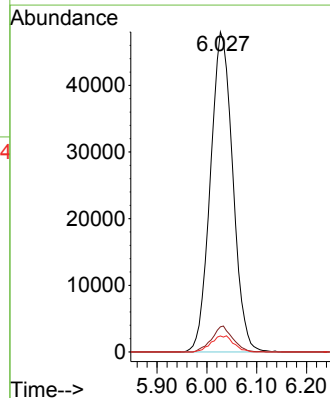
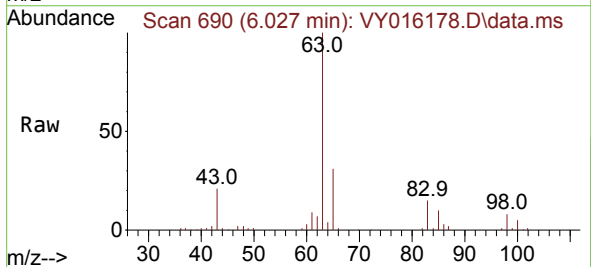
Instrument :
 MSVOA_Y
 ClientSampleId :

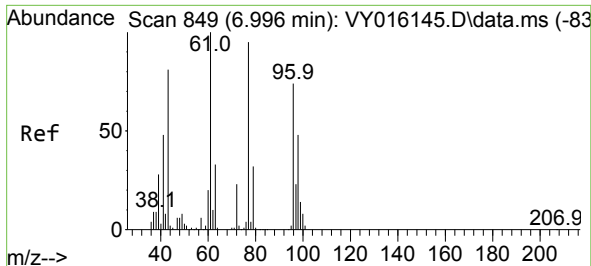
Tgt Ion: 43 Resp: 606423
 Ion Ratio Lower Upper
 43 100
 86 13.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.911 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016178.D
 Acq: 01 Nov 2023 18:56

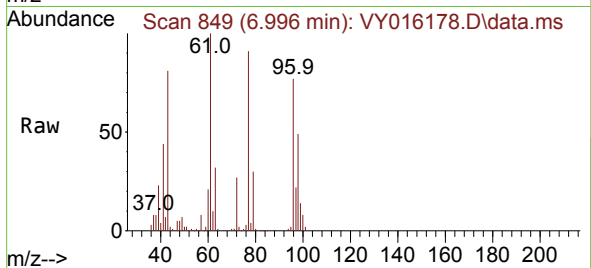
Tgt Ion: 63 Resp: 149788
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 5.0 1.8 5.5



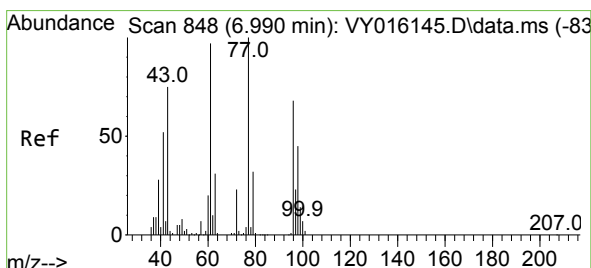
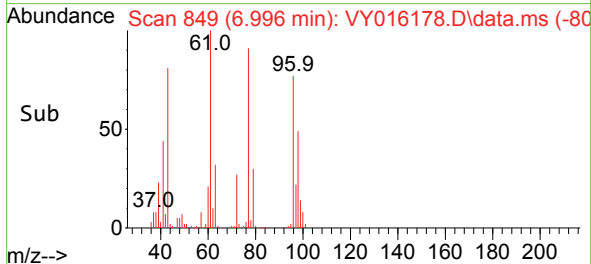
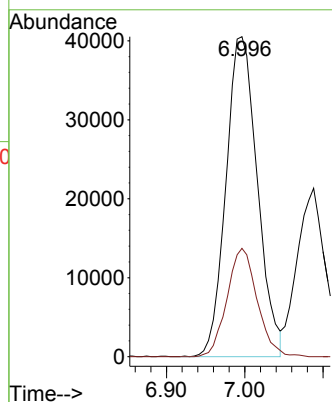


#25
2-Butanone
Concen: 234.275 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

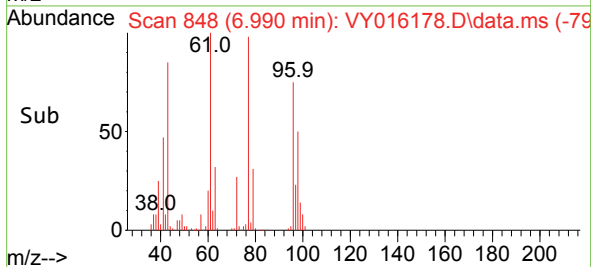
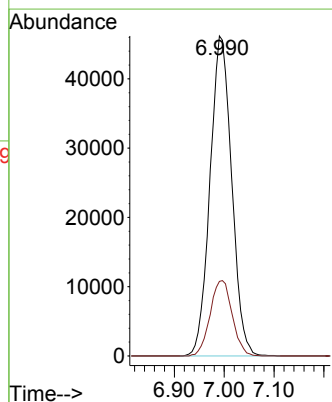
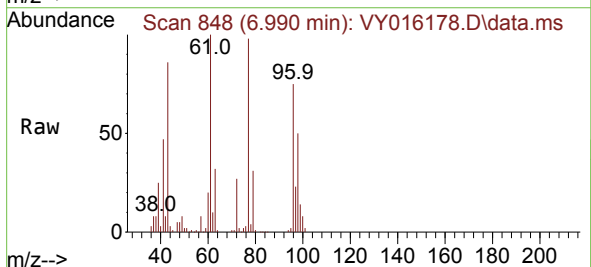


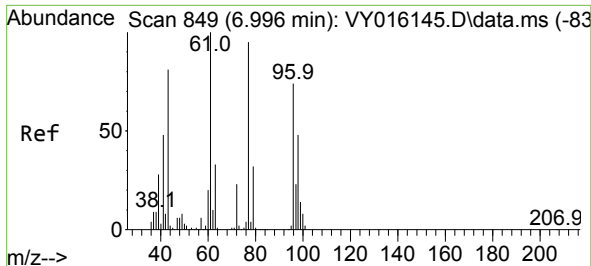
Tgt Ion: 43 Resp: 113049
Ion Ratio Lower Upper
43 100
72 33.9 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 48.151 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 77 Resp: 139397
Ion Ratio Lower Upper
77 100
97 24.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 51.742 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

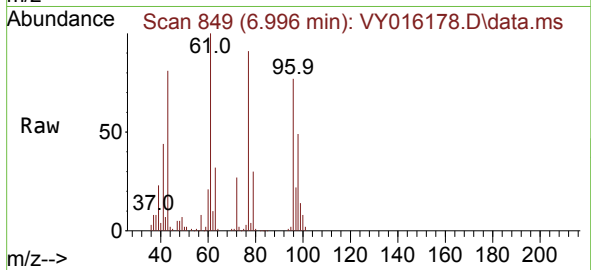
Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :



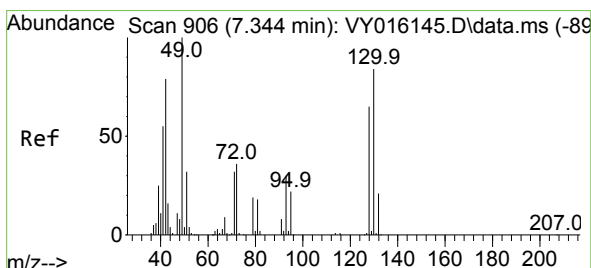
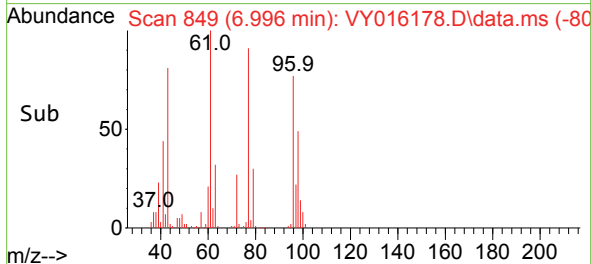
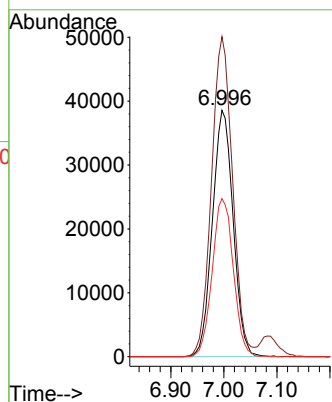
Tgt Ion: 96 Resp: 104906

Ion Ratio Lower Upper

96 100

61 131.8 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 50.957 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

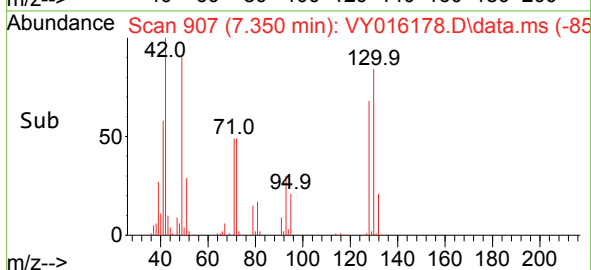
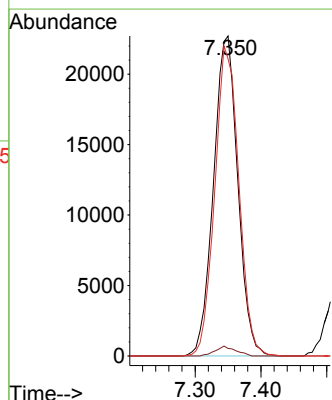
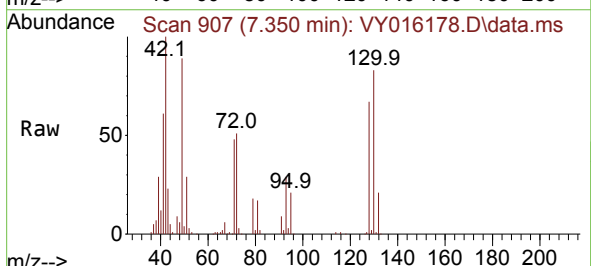
Tgt Ion: 49 Resp: 58396

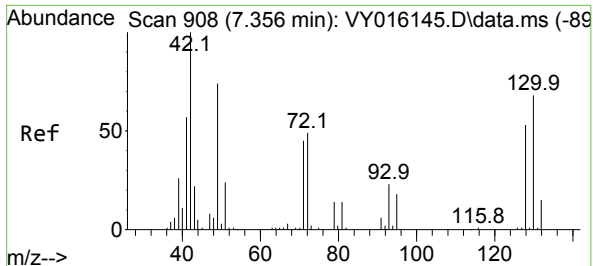
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 95.9 60.7 91.1#





#29

Tetrahydrofuran

Concen: 253.255 ug/l

RT: 7.356 min Scan# 908

Delta R.T. -0.000 min

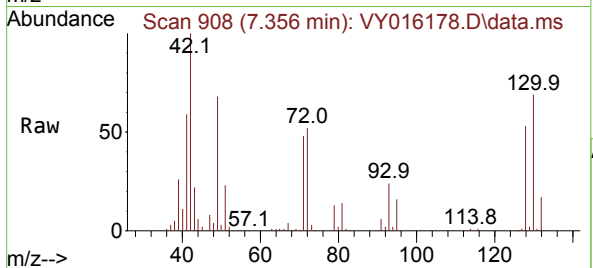
Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :



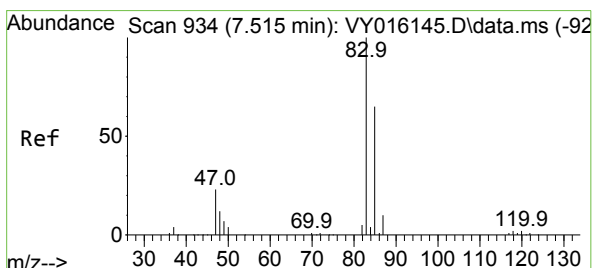
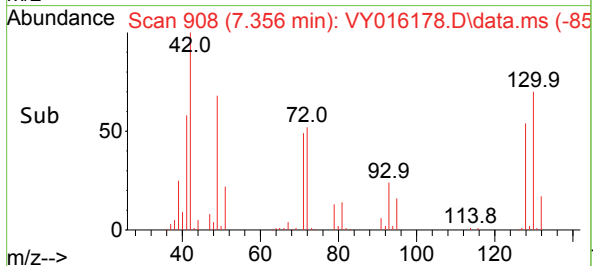
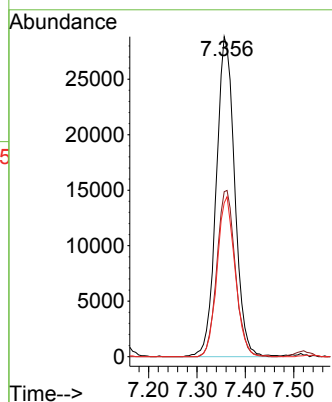
Tgt Ion: 42 Resp: 76607

Ion Ratio Lower Upper

42 100

72 51.8 32.8 49.2#

71 48.8 31.0 46.4#



#30

Chloroform

Concen: 50.784 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016178.D

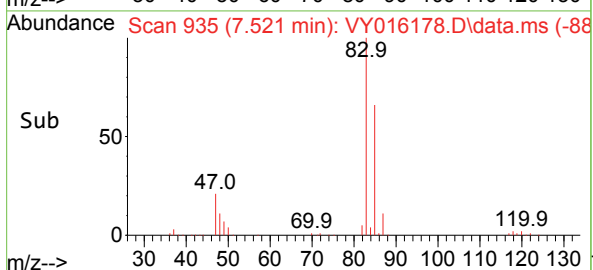
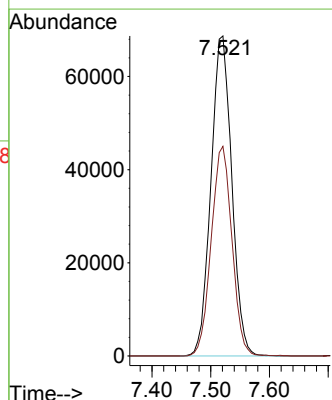
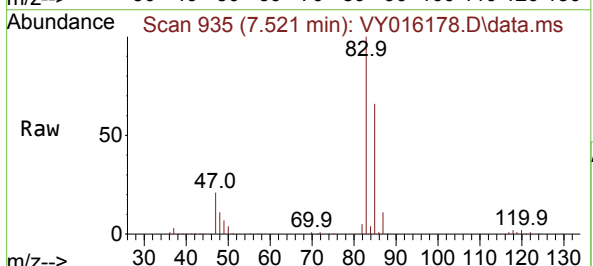
Acq: 01 Nov 2023 18:56

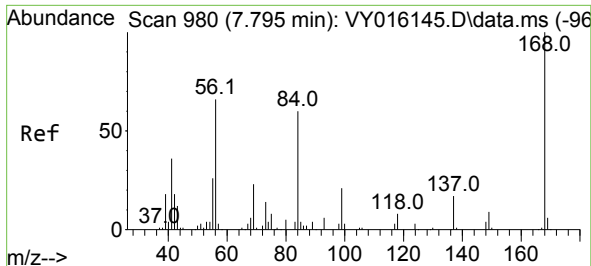
Tgt Ion: 83 Resp: 169324

Ion Ratio Lower Upper

83 100

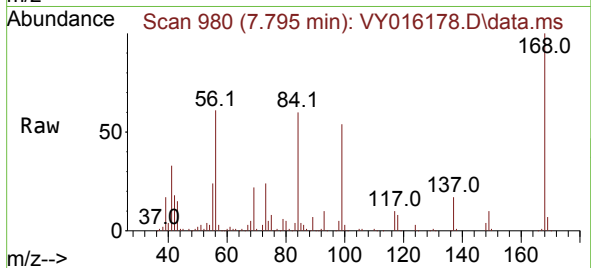
85 65.5 49.7 74.5



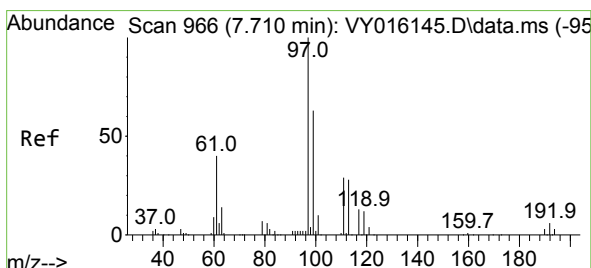
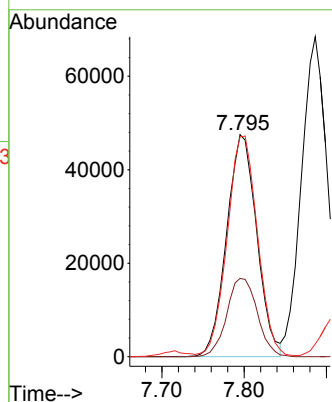
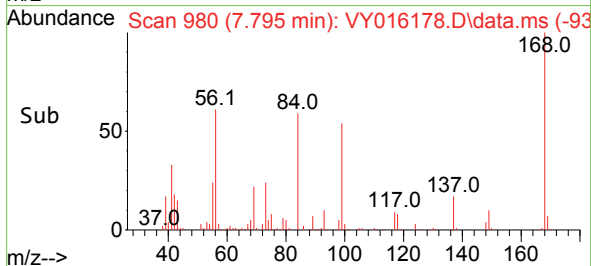


#31
Cyclohexane
Concen: 45.158 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

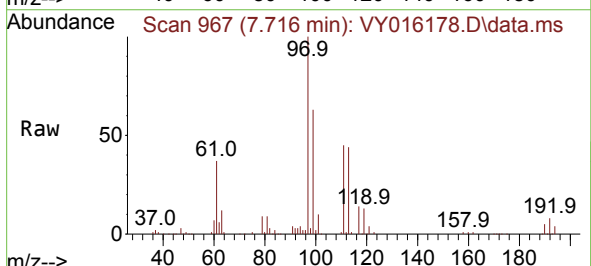
Instrument :
MSVOA_Y
ClientSampleId :



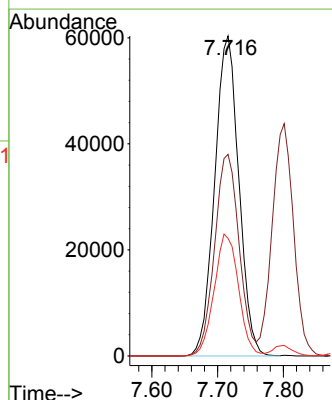
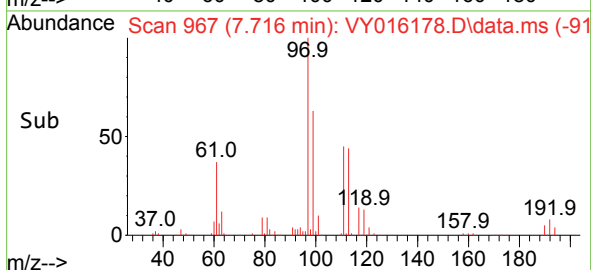
Tgt Ion: 56 Resp: 121417
Ion Ratio Lower Upper
56 100
69 35.3 27.8 41.6
84 97.3 66.4 99.6

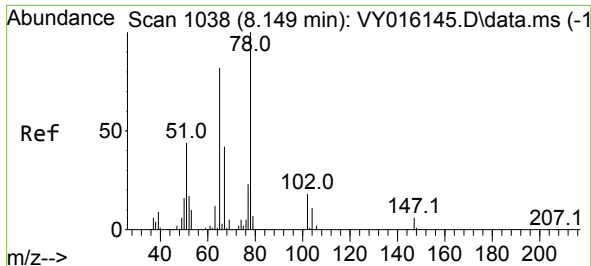


#32
1,1,1-Trichloroethane
Concen: 50.482 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56



Tgt Ion: 97 Resp: 154362
Ion Ratio Lower Upper
97 100
99 64.1 50.8 76.2
61 38.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.043 ug/l

RT: 8.155 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

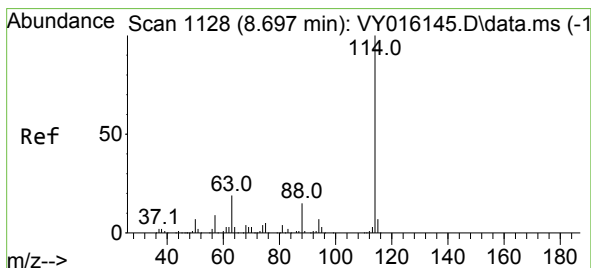
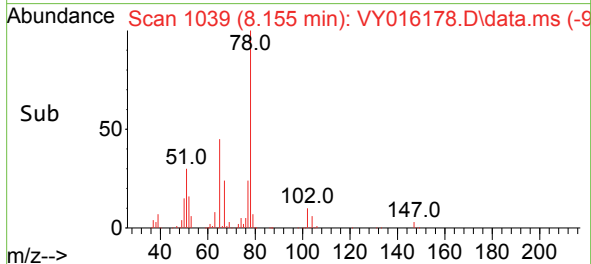
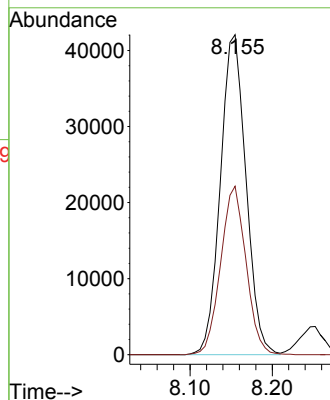
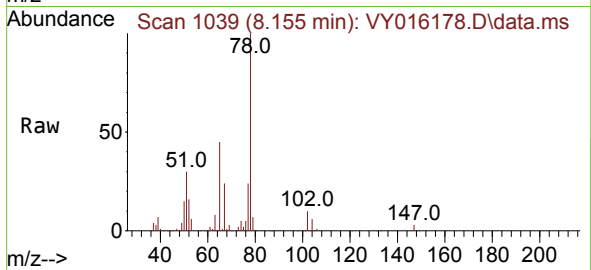
ClientSampleId :

Tgt Ion: 65 Resp: 91026

Ion Ratio Lower Upper

65 100

67 52.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

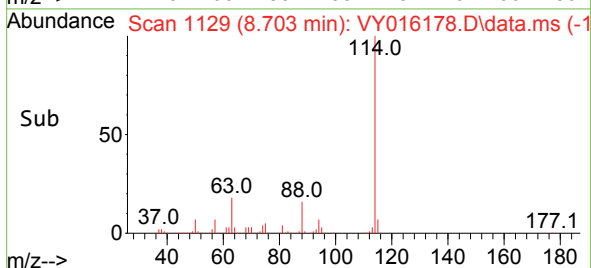
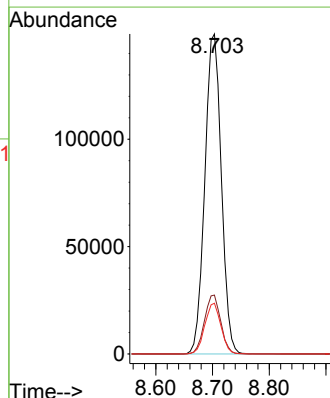
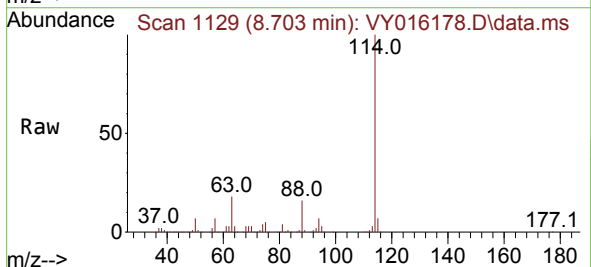
Tgt Ion: 114 Resp: 301182

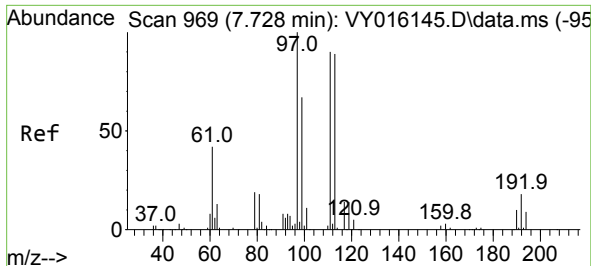
Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

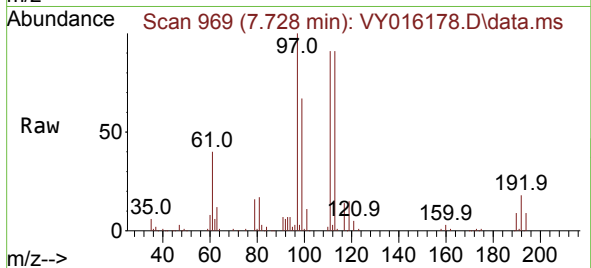
88 15.9 0.0 30.6



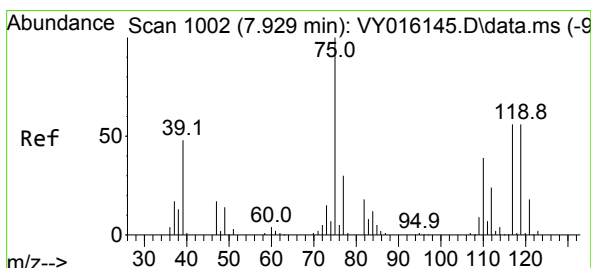
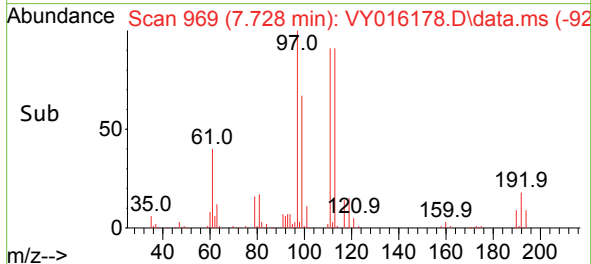
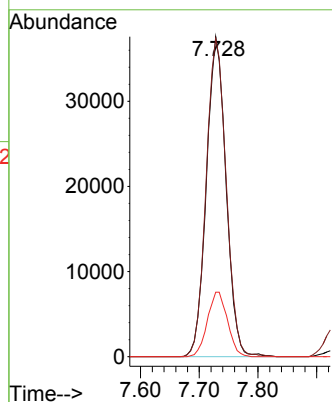


#35
Dibromofluoromethane
Concen: 48.599 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

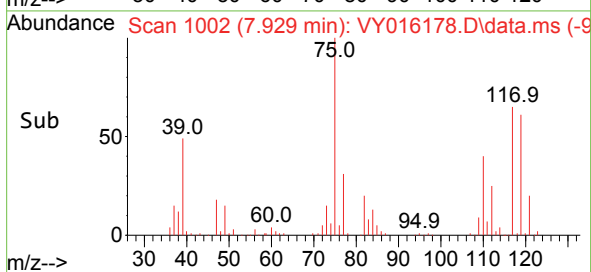
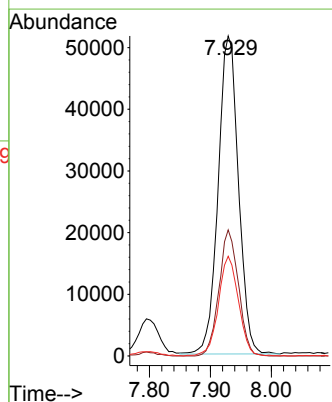
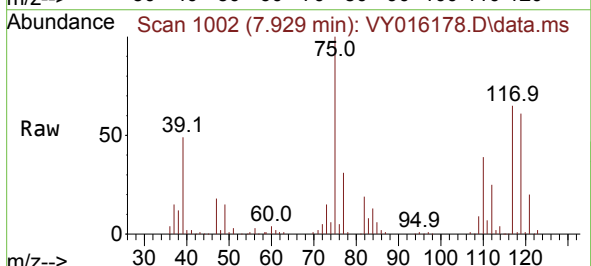


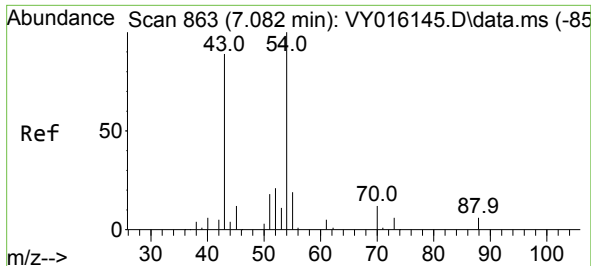
Tgt Ion:113 Resp: 87263
Ion Ratio Lower Upper
113 100
111 101.6 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 46.121 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 75 Resp: 119581
Ion Ratio Lower Upper
75 100
110 37.9 17.8 53.5
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 47.739 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

Lab File: VY016178.D

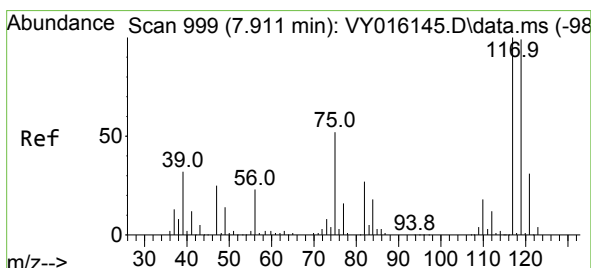
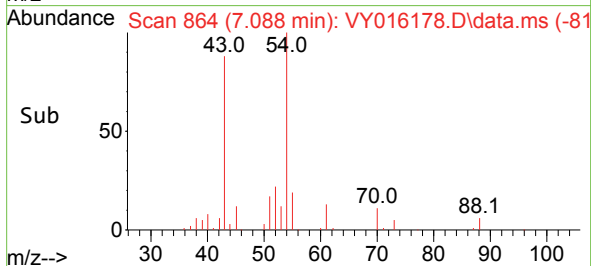
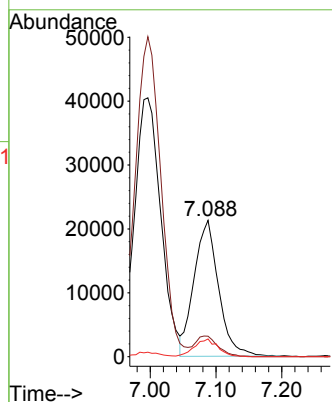
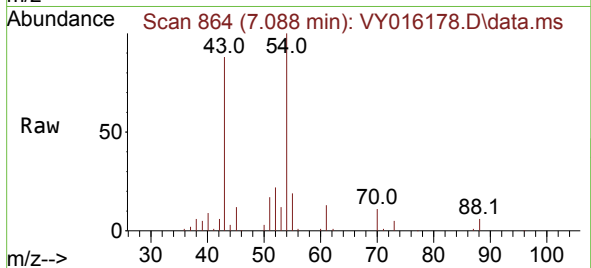
Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	55130
Ion	Ratio	Lower	Upper
43	100		
61	14.3	10.1	15.1
70	12.4	7.1	10.7



#38

Carbon Tetrachloride

Concen: 52.582 ug/l

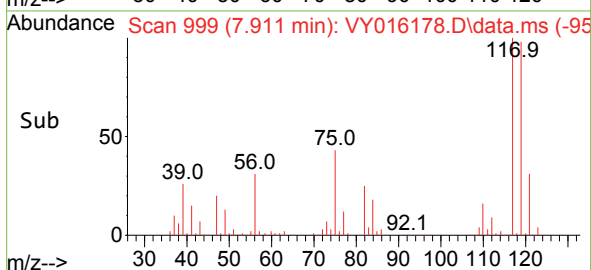
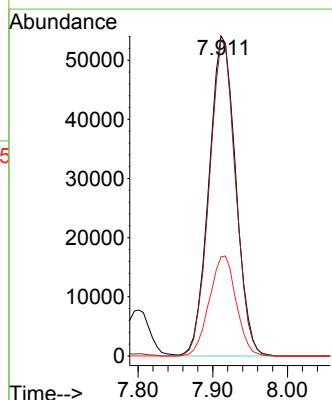
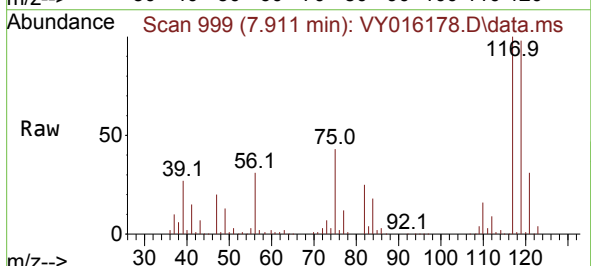
RT: 7.911 min Scan# 999

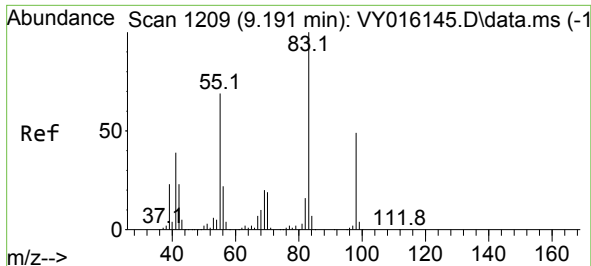
Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Tgt Ion:	117	Resp:	135069
Ion	Ratio	Lower	Upper
117	100		
119	98.5	76.4	114.6
121	31.0	25.8	38.6





#39

Methylcyclohexane

Concen: 47.727 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

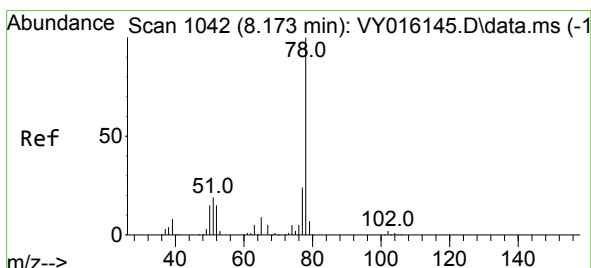
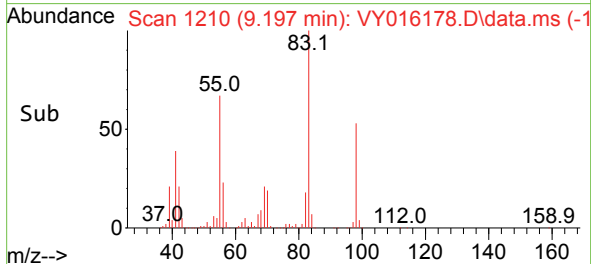
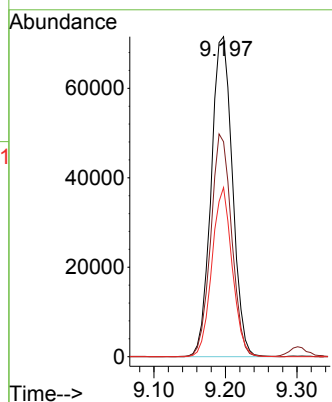
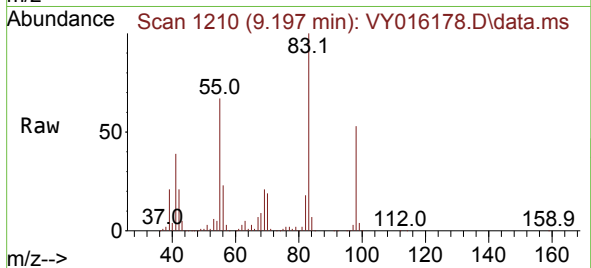
Tgt Ion: 83 Resp: 147710

Ion Ratio Lower Upper

83 100

55 67.1 63.0 94.4

98 52.9 37.4 56.2



#40

Benzene

Concen: 54.749 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016178.D

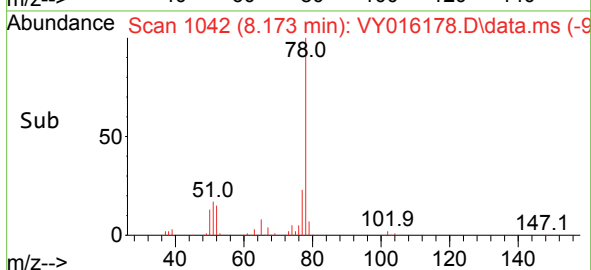
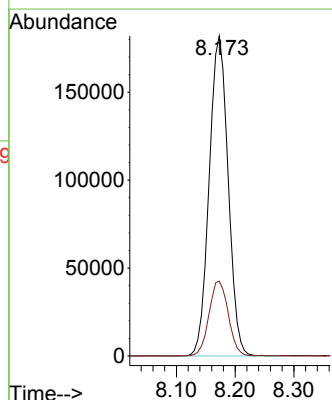
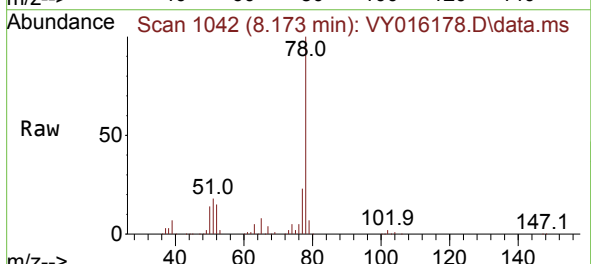
Acq: 01 Nov 2023 18:56

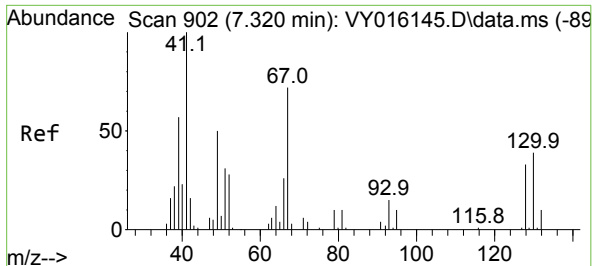
Tgt Ion: 78 Resp: 407526

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



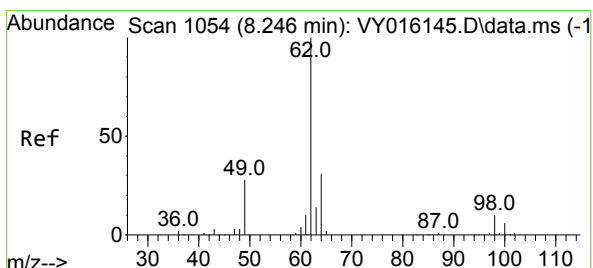
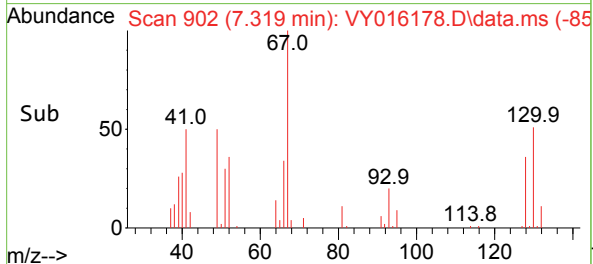
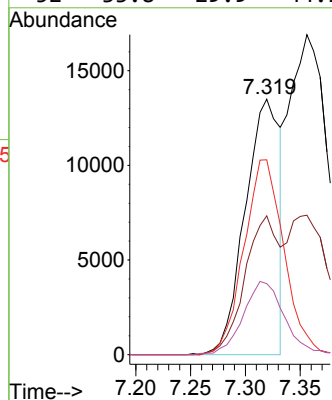
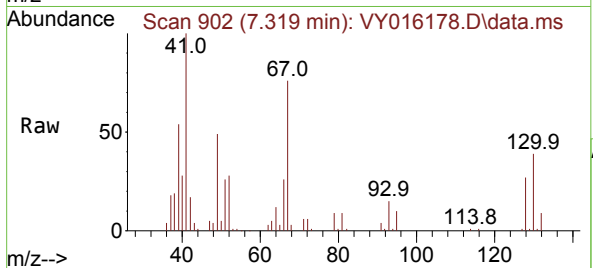


#41
Methacrylonitrile
Concen: 44.422 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 41 Resp: 29777

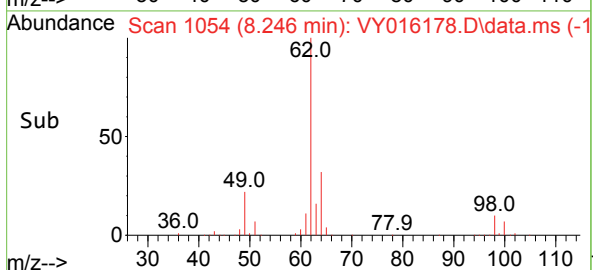
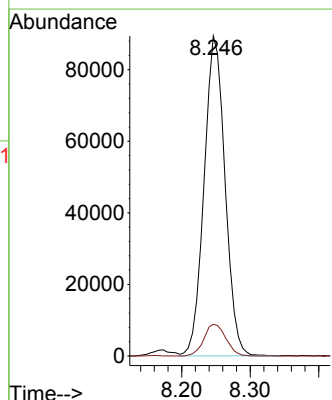
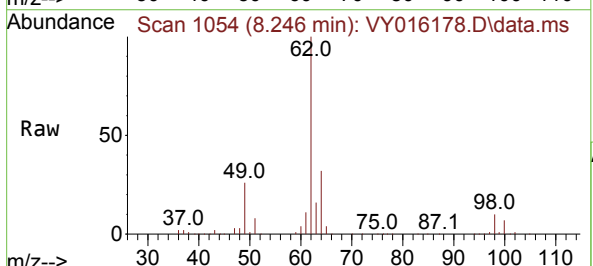
Ion	Ratio	Lower	Upper
41	100		
39	53.1	52.1	78.1
67	87.8	66.2	99.2
52	33.8	29.9	44.9

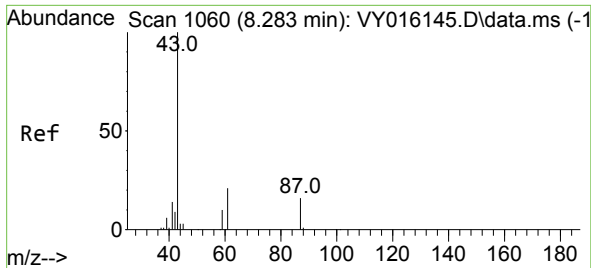


#42
1,2-Dichloroethane
Concen: 91.625 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 62 Resp: 190328

Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	15.8

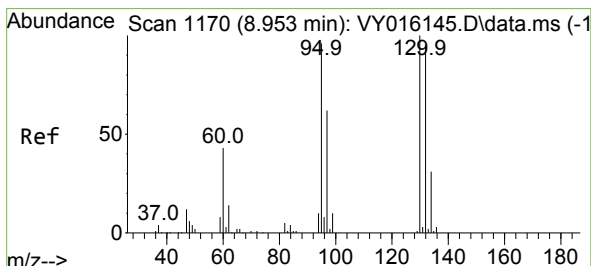
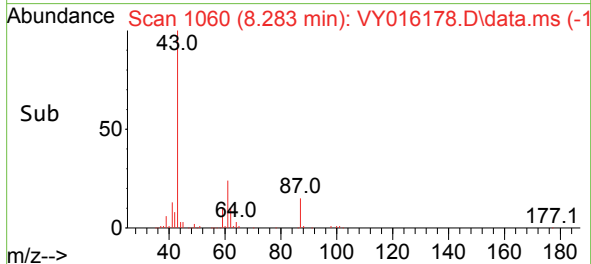
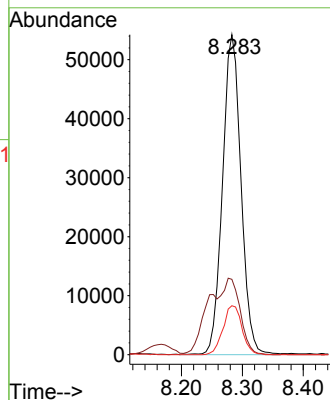
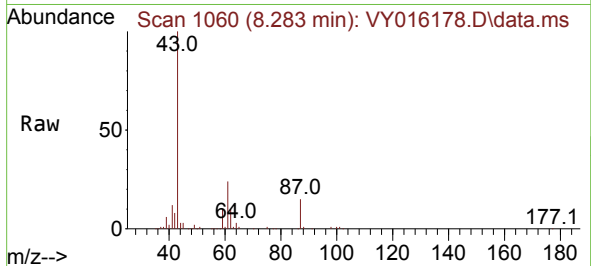




#43
Isopropyl Acetate
Concen: 50.049 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

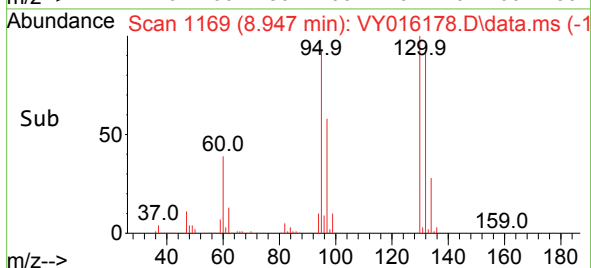
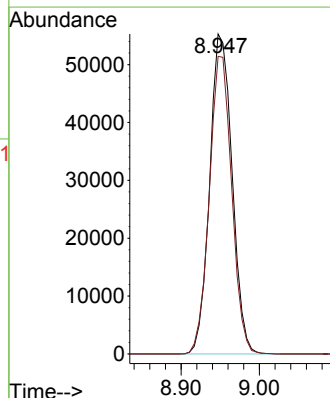
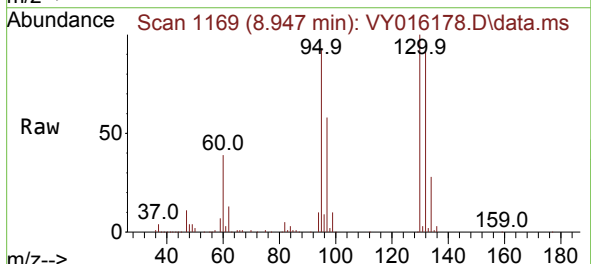
Instrument :
MSVOA_Y
ClientSampleId :

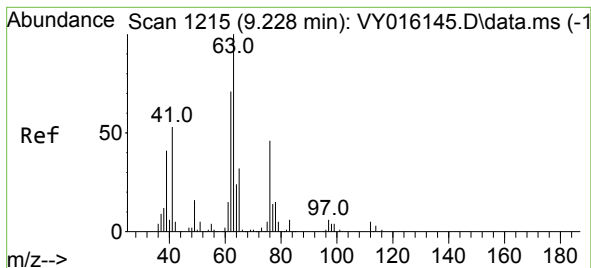
Tgt Ion: 43 Resp: 114326
Ion Ratio Lower Upper
43 100
61 21.1 21.1 31.7#
87 15.7 9.8 14.8#



#44
Trichloroethene
Concen: 50.496 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion:130 Resp: 109995
Ion Ratio Lower Upper
130 100
95 93.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 49.674 ug/l

RT: 9.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

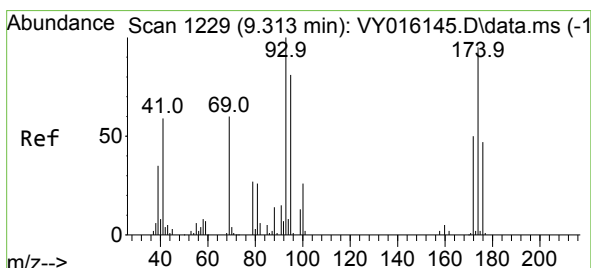
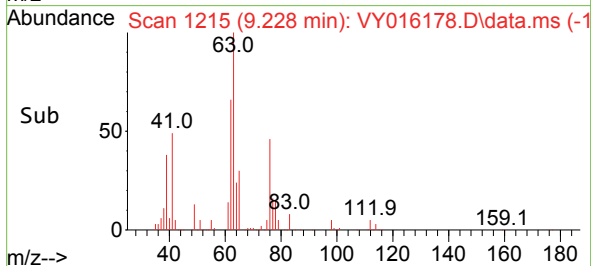
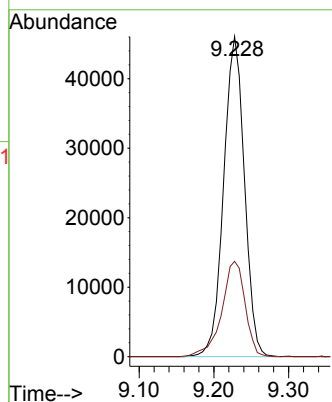
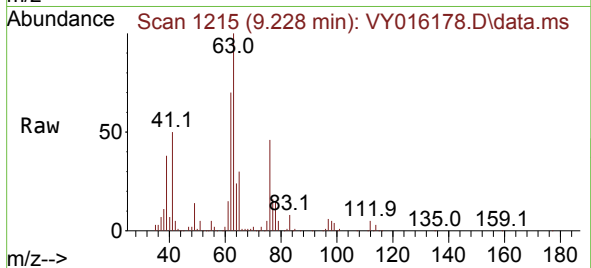
ClientSampleId :

Tgt Ion: 63 Resp: 88948

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.6



#46

Dibromomethane

Concen: 51.264 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

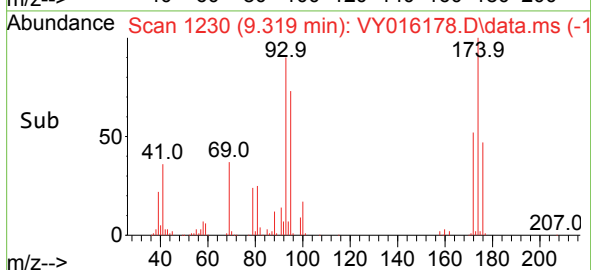
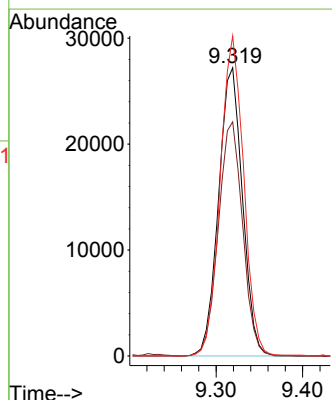
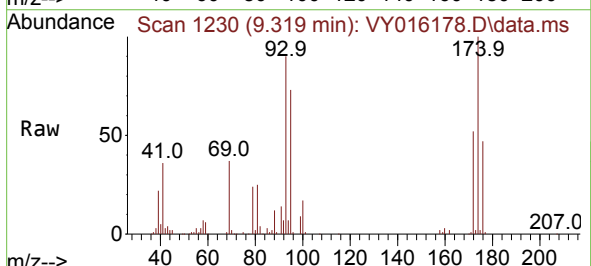
Tgt Ion: 93 Resp: 52073

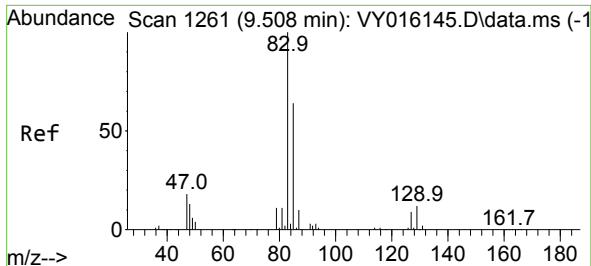
Ion Ratio Lower Upper

93 100

95 82.7 66.6 100.0

174 109.2 84.8 127.2





#47

Bromodichloromethane

Concen: 51.289 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

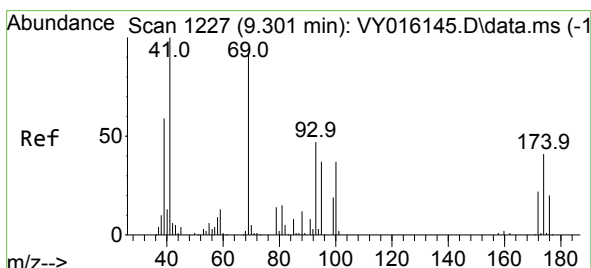
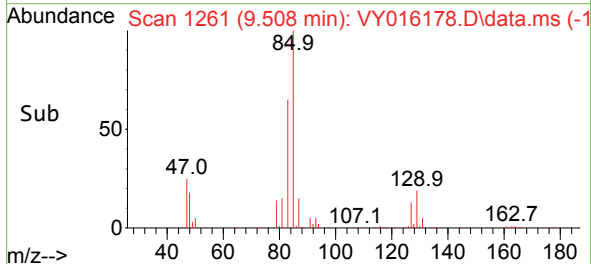
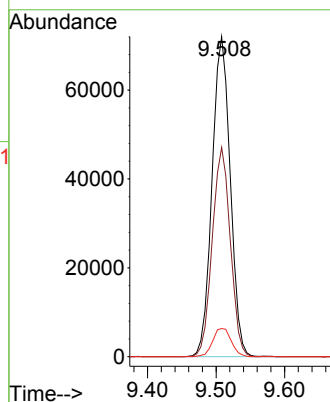
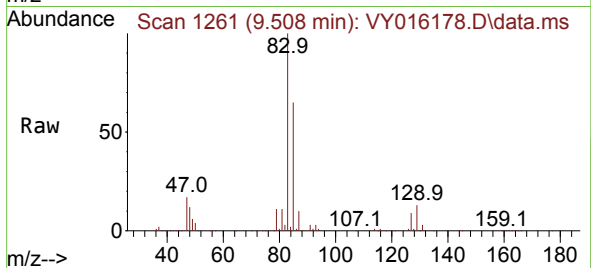
Tgt Ion: 83 Resp: 132371

Ion Ratio Lower Upper

83 100

85 65.4 50.1 75.1

127 8.8 7.1 10.7



#48

Methyl methacrylate

Concen: 48.779 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

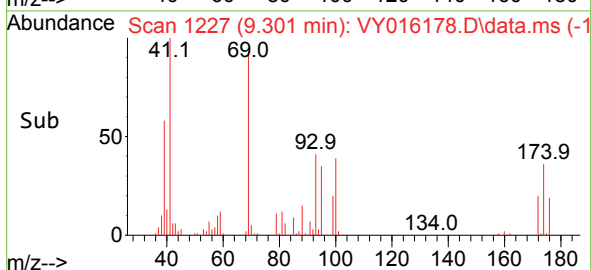
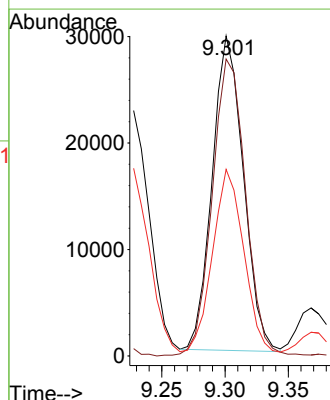
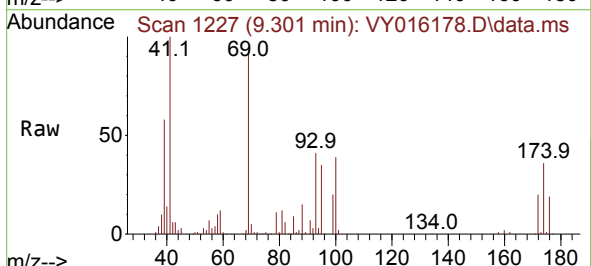
Tgt Ion: 41 Resp: 50668

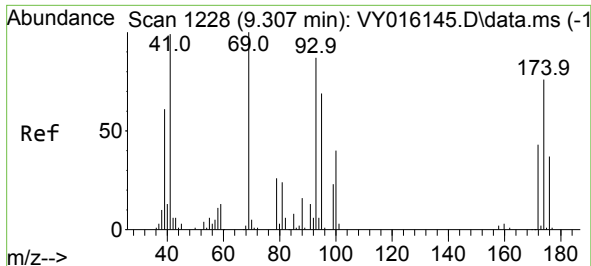
Ion Ratio Lower Upper

41 100

69 100.9 64.5 96.7#

39 60.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1025.152 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

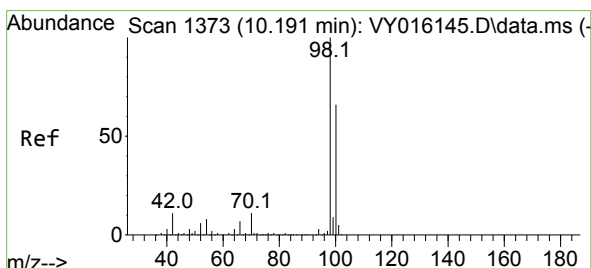
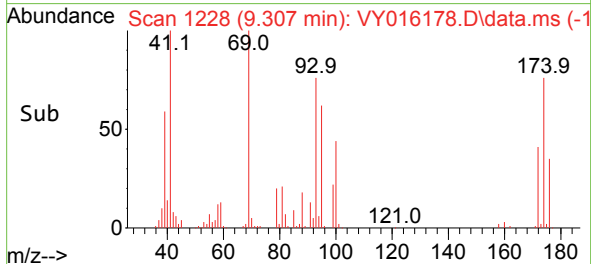
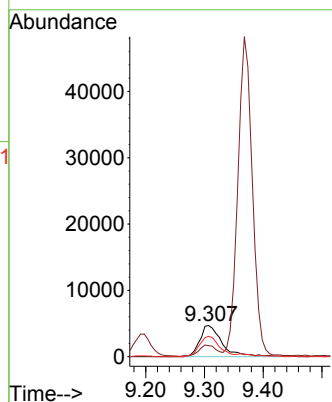
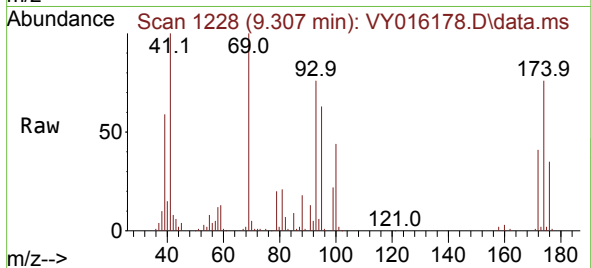
Tgt Ion: 88 Resp: 12353

Ion Ratio Lower Upper

88 100

43 29.4 0.0 0.0#

58 59.4 30.9 46.3#



#50

Toluene-d8

Concen: 50.211 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016178.D

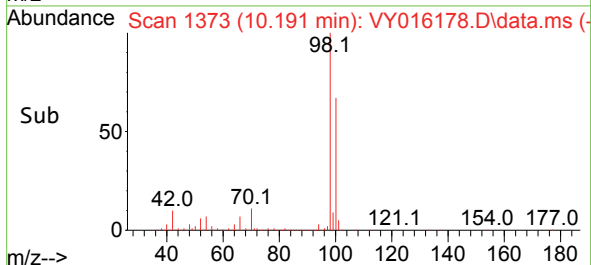
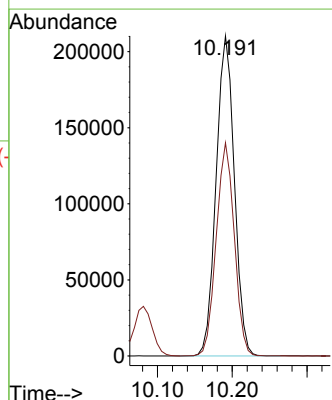
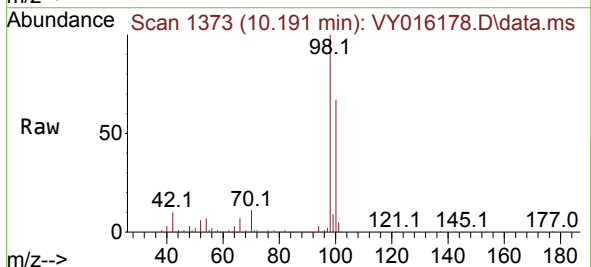
Acq: 01 Nov 2023 18:56

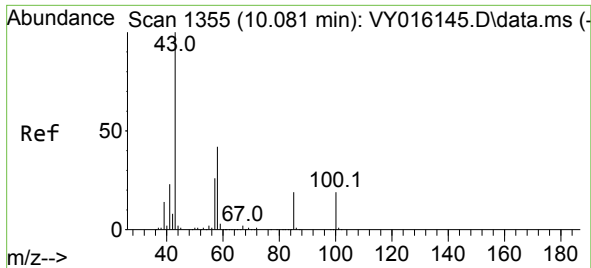
Tgt Ion: 98 Resp: 357455

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

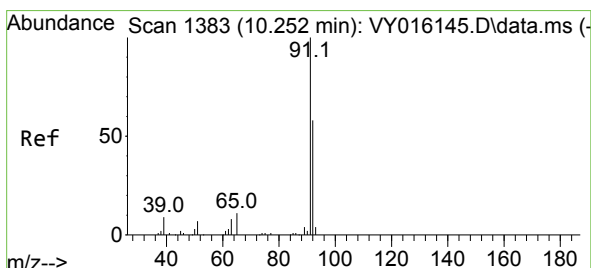
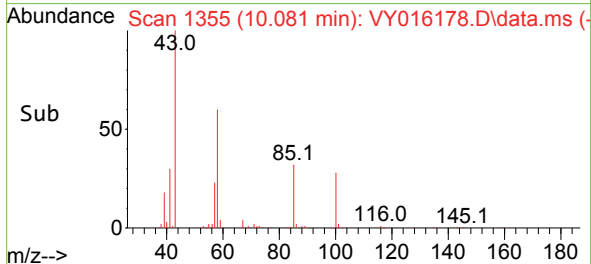
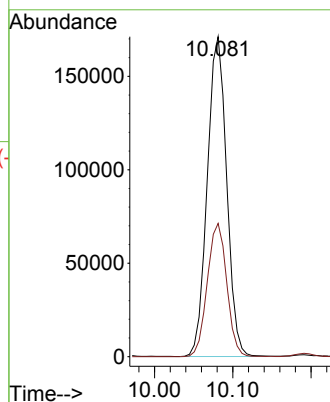
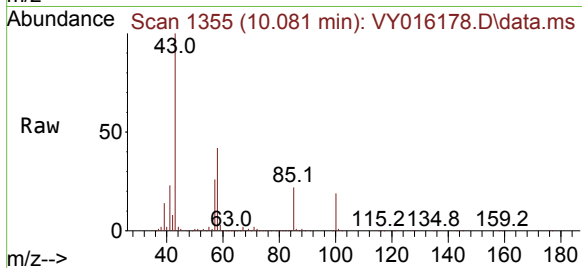




#51
4-Methyl-2-Pentanone
Concen: 257.838 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

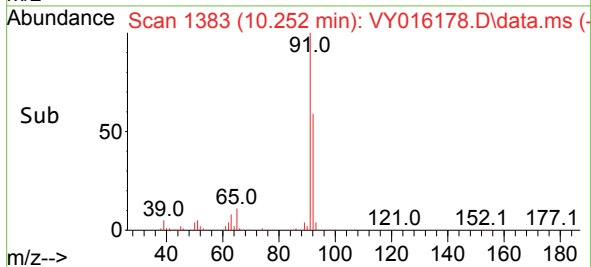
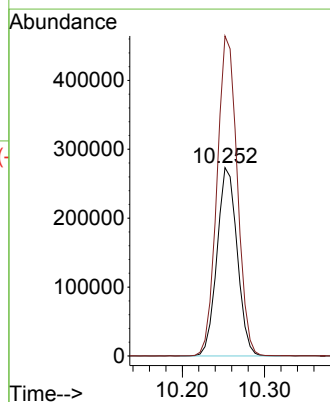
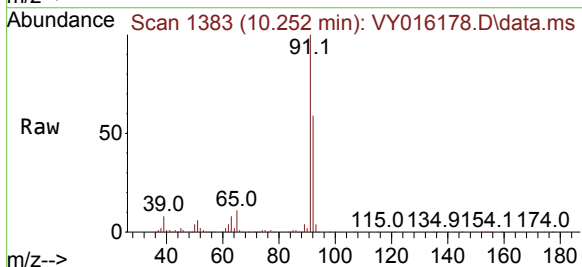
Instrument :
MSVOA_Y
ClientSampleId :

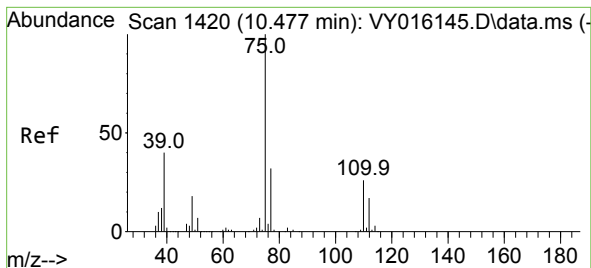
Tgt Ion: 43 Resp: 293880
Ion Ratio Lower Upper
43 100
58 41.9 29.0 43.6



#52
Toluene
Concen: 96.535 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 92 Resp: 465625
Ion Ratio Lower Upper
92 100
91 171.0 143.8 215.6

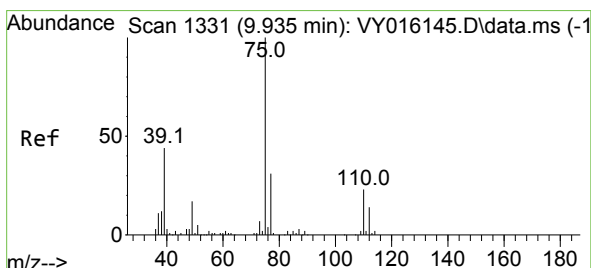
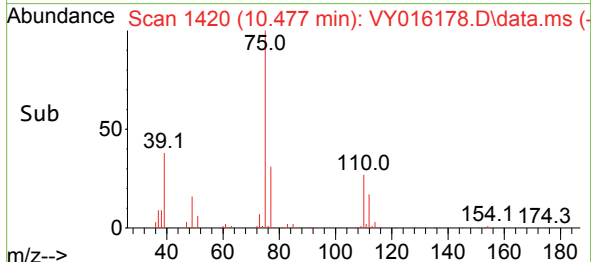
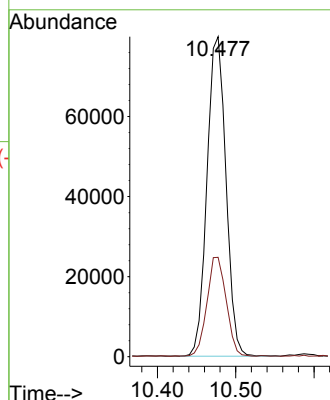
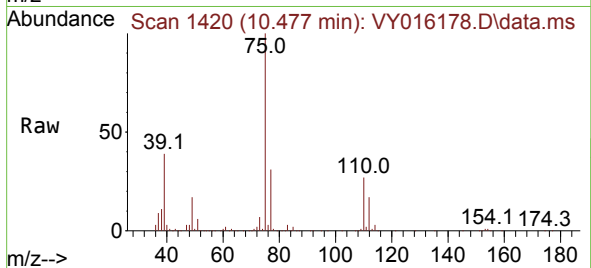




#53
t-1,3-Dichloropropene
Concen: 52.034 ug/l
RT: 10.477 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

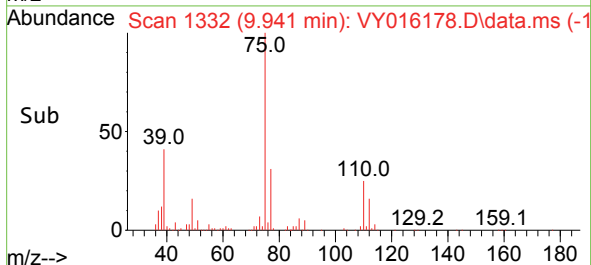
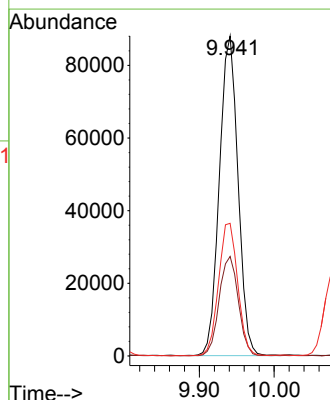
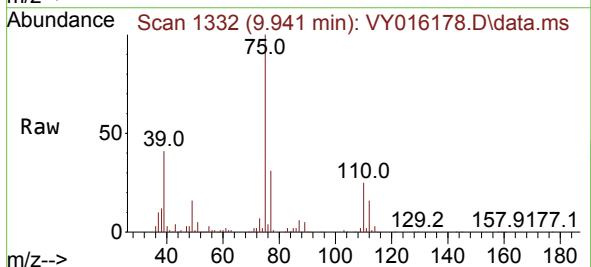
Instrument :
MSVOA_Y
ClientSampleId :

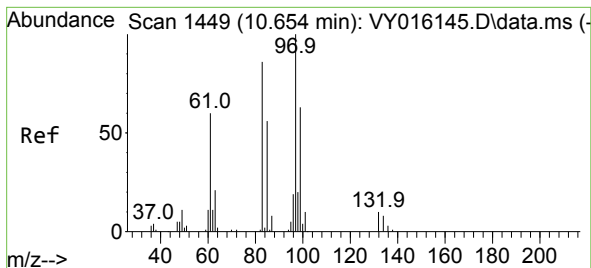
Tgt Ion: 75 Resp: 134061
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.399 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 75 Resp: 152367
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 41.4 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 52.197 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 74582

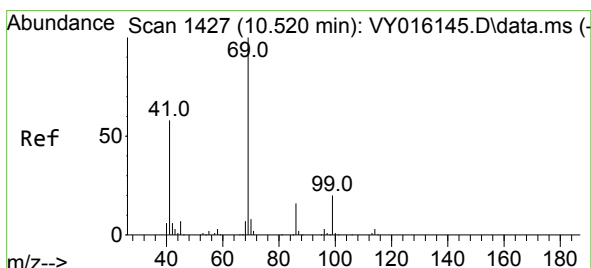
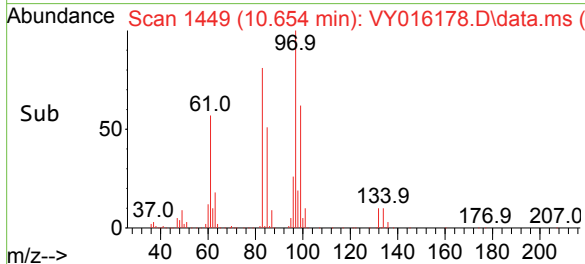
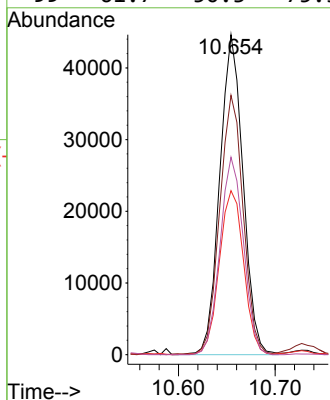
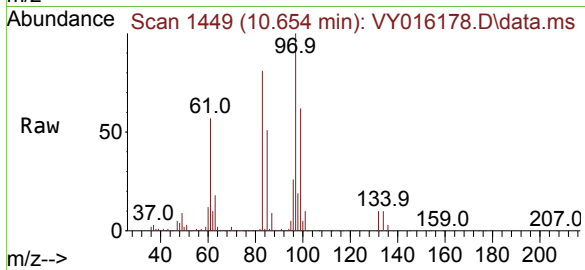
Ion Ratio Lower Upper

97 100

83 80.8 72.0 108.0

85 51.1 45.4 68.0

99 61.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.678 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

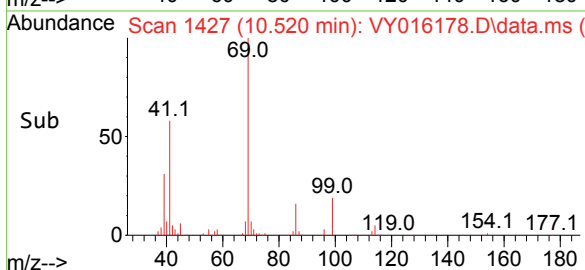
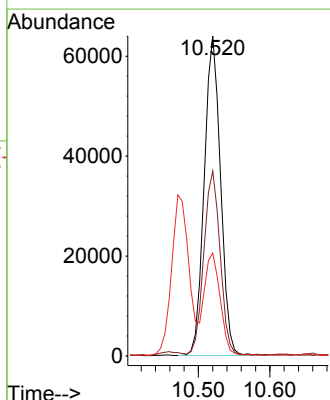
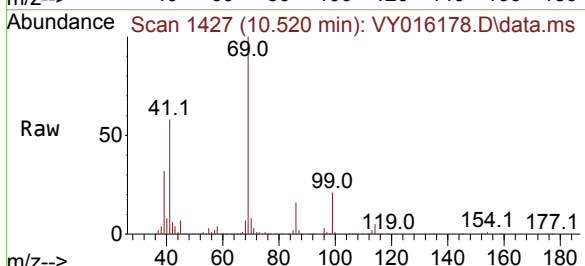
Tgt Ion: 69 Resp: 101462

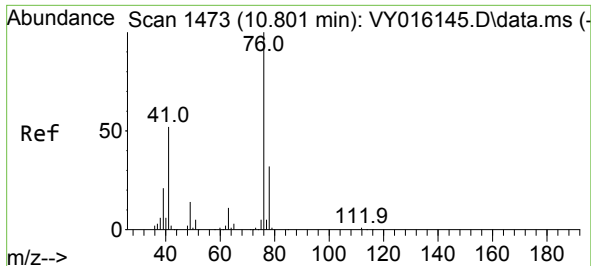
Ion Ratio Lower Upper

69 100

41 57.5 57.6 86.4#

39 30.1 34.1 51.1#

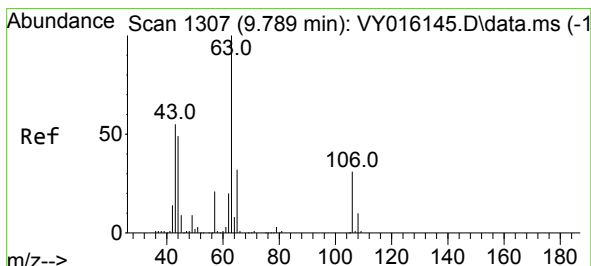
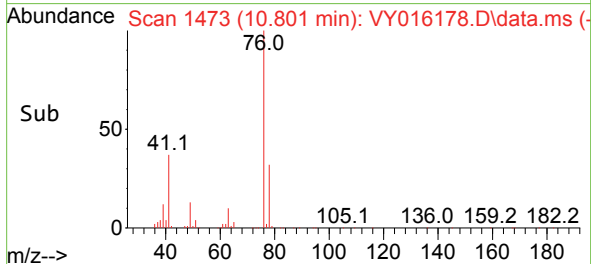
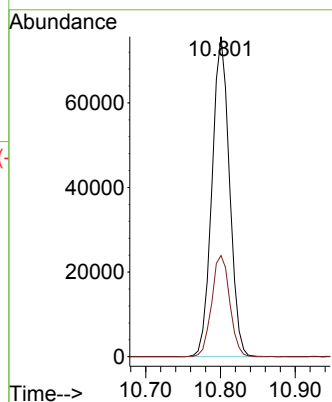
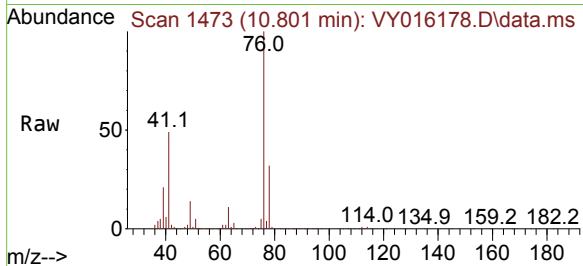




#57
1,3-Dichloropropane
Concen: 50.487 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

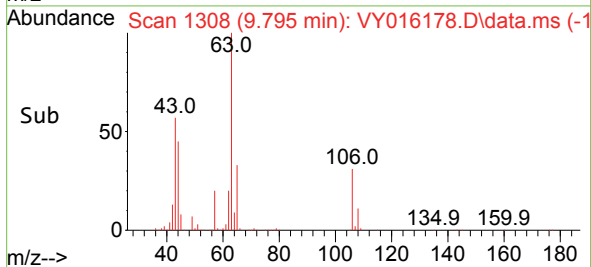
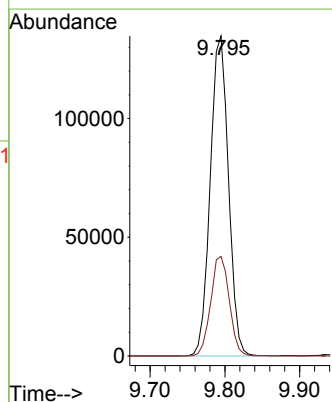
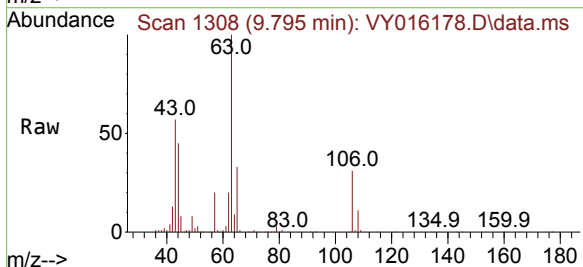
Instrument :
MSVOA_Y
ClientSampleId :

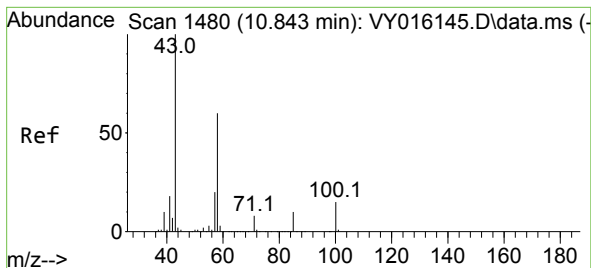
Tgt Ion: 76 Resp: 122808
Ion Ratio Lower Upper
76 100
78 32.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 253.210 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 63 Resp: 227841
Ion Ratio Lower Upper
63 100
106 31.7 21.2 31.8

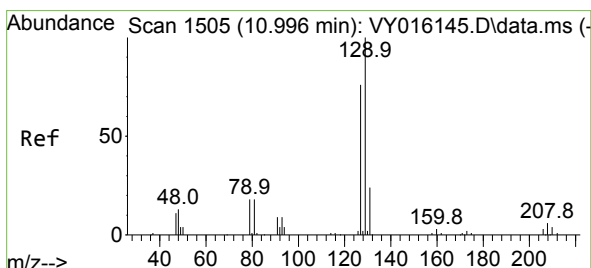
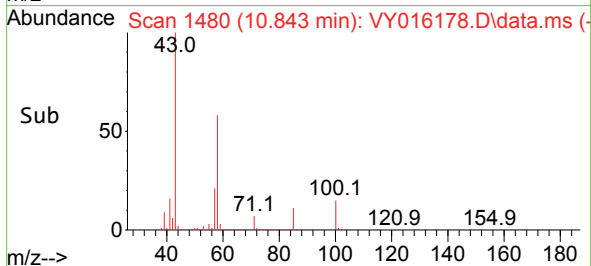
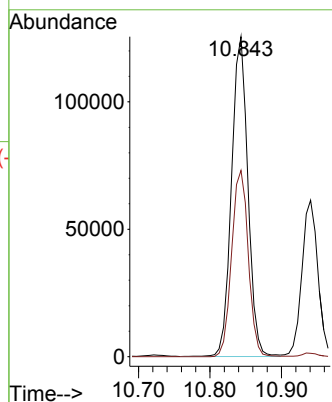
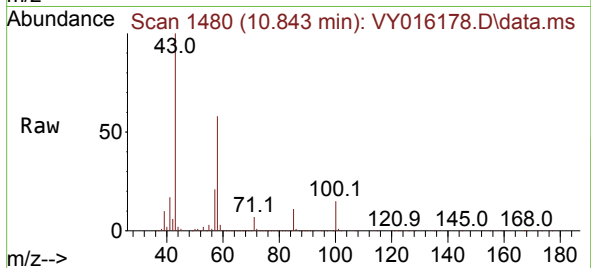




#59
2-Hexanone
Concen: 255.245 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

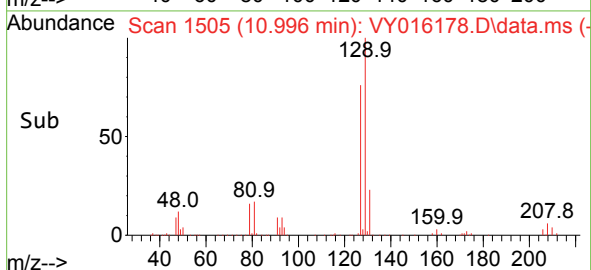
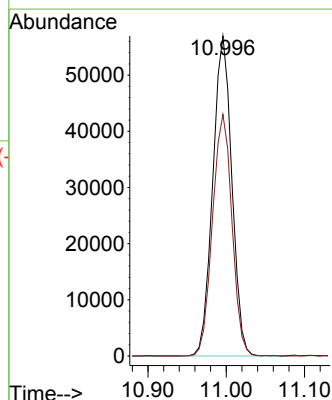
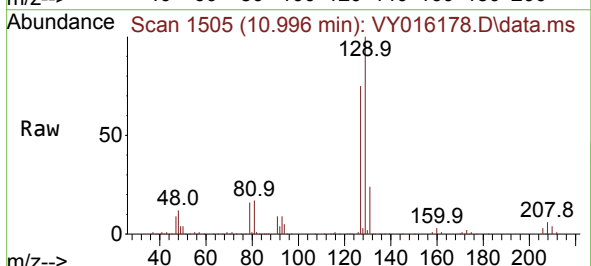
Instrument :
MSVOA_Y
ClientSampleId :

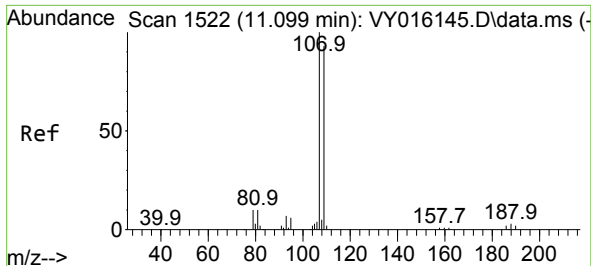
Tgt Ion: 43 Resp: 199359
Ion Ratio Lower Upper
43 100
58 59.2 25.1 75.3



#60
Dibromochloromethane
Concen: 53.656 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 129 Resp: 96183
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5

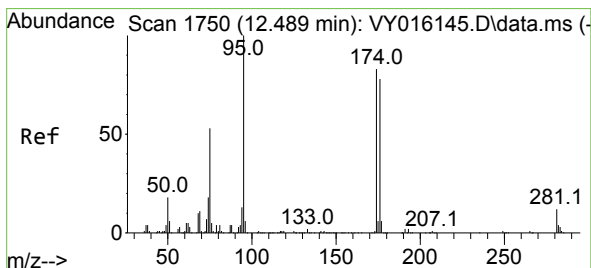
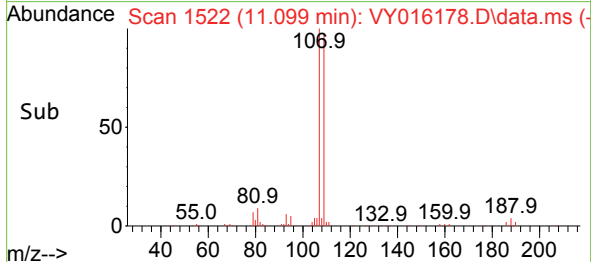
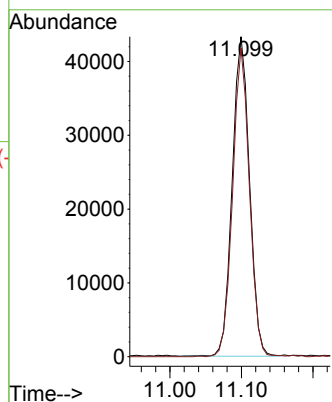
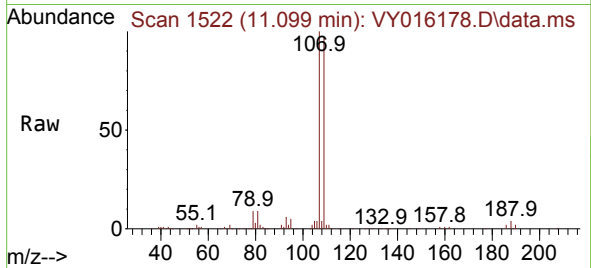




#61
1,2-Dibromoethane
Concen: 53.364 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

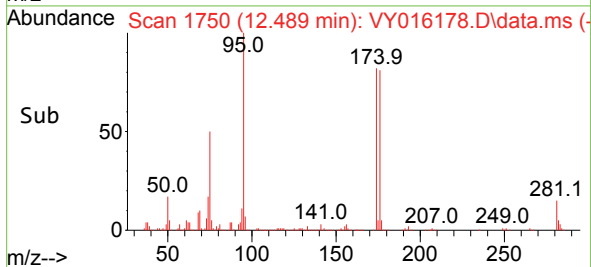
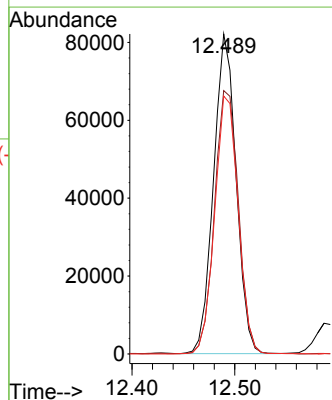
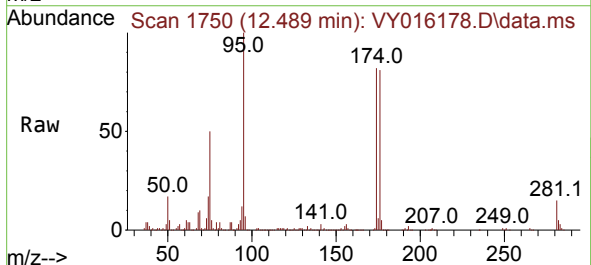
Instrument :
MSVOA_Y
ClientSampleId :

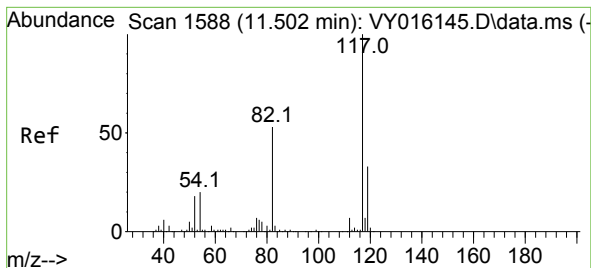
Tgt Ion:107 Resp: 72526
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.303 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 95 Resp: 124888
Ion Ratio Lower Upper
95 100
174 87.5 0.0 178.2
176 84.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 1

Delta R.T. -0.000 min

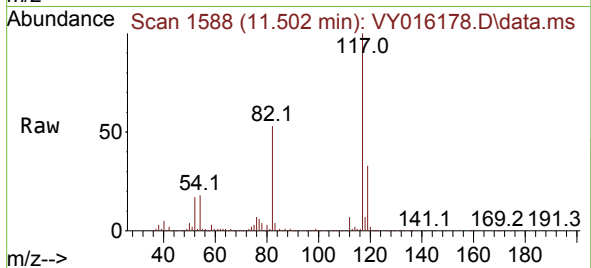
Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :



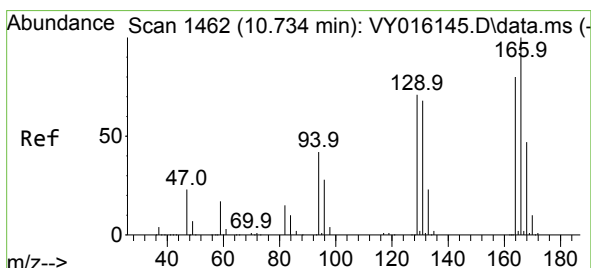
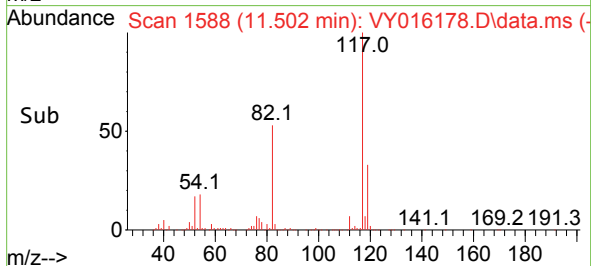
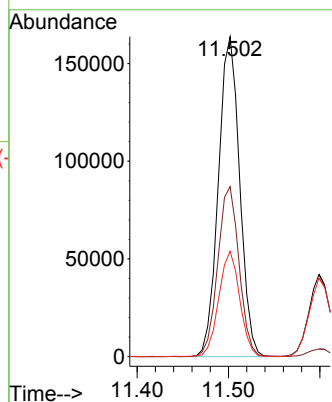
Tgt Ion:117 Resp: 265423

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 32.9 26.3 39.5



#64

Tetrachloroethene

Concen: 48.566 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Tgt Ion:164 Resp: 114660

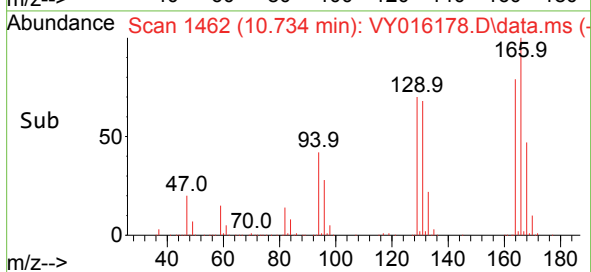
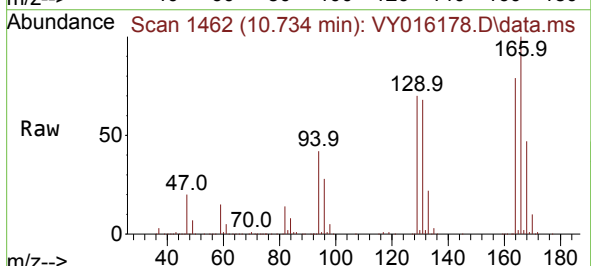
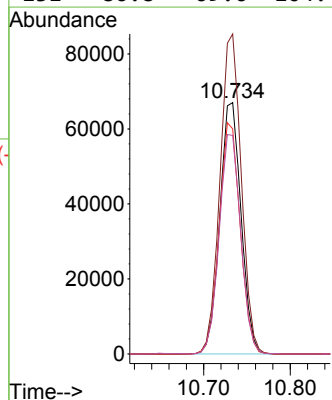
Ion Ratio Lower Upper

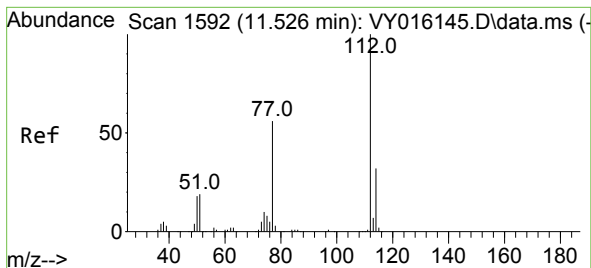
164 100

166 127.3 103.0 154.6

129 89.5 77.2 115.8

131 86.8 69.6 104.4





#65

Chlorobenzene

Concen: 50.744 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

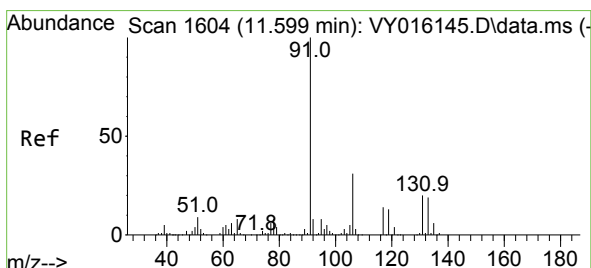
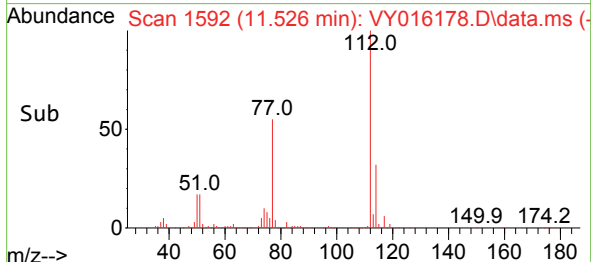
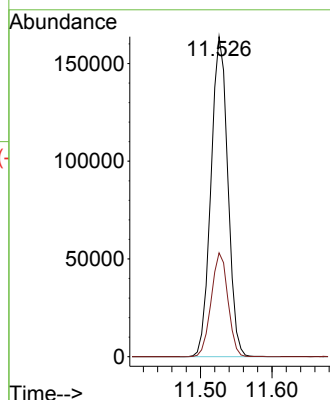
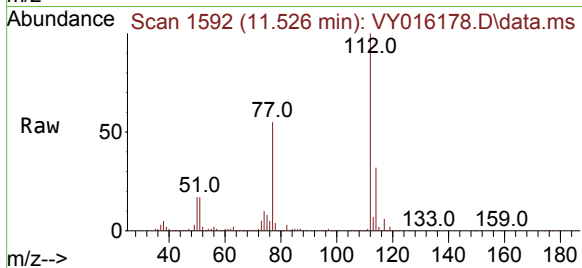
ClientSampleId :

Tgt Ion:112 Resp: 267591

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.887 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

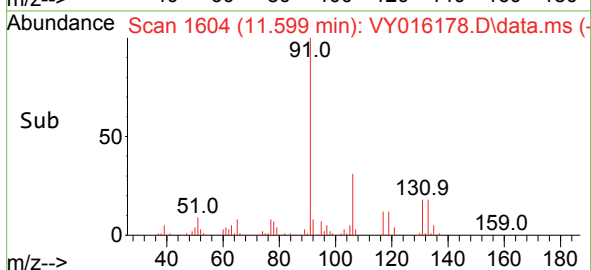
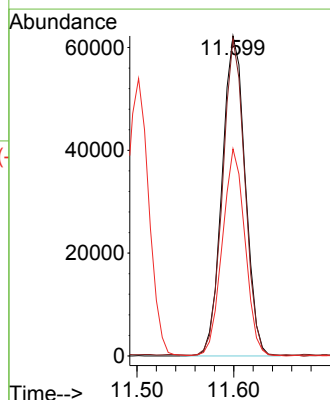
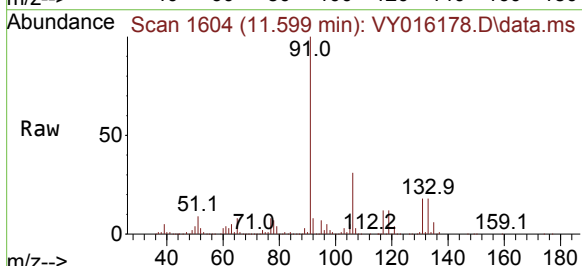
Tgt Ion:131 Resp: 103298

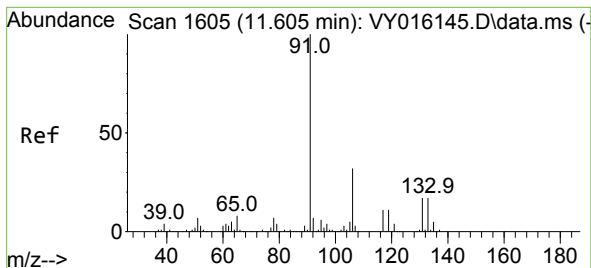
Ion Ratio Lower Upper

131 100

133 94.7 47.5 142.6

119 63.4 31.6 94.7





#67

Ethyl Benzene

Concen: 59.248 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

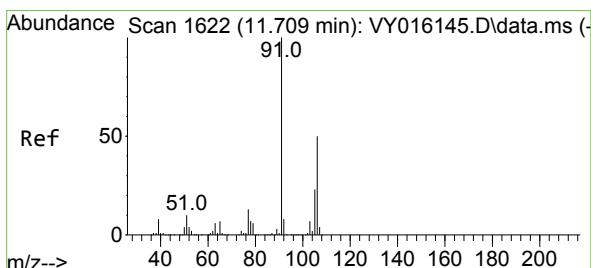
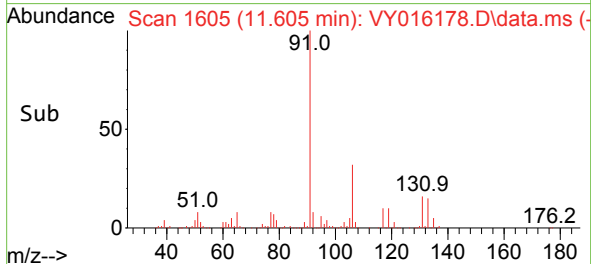
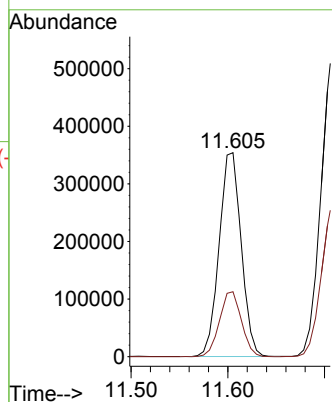
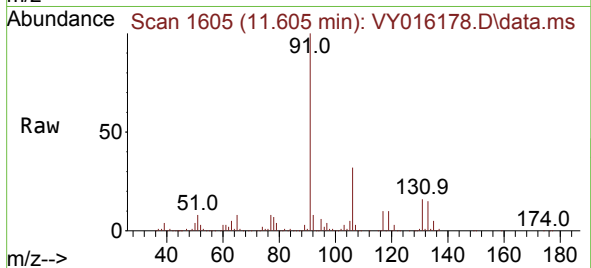
ClientSampleId :

Tgt Ion: 91 Resp: 558823

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 138.595 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.000 min

Lab File: VY016178.D

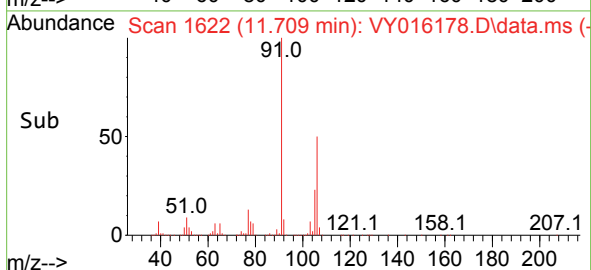
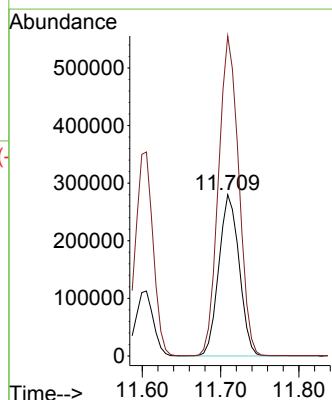
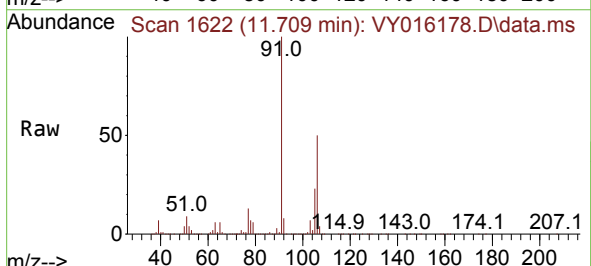
Acq: 01 Nov 2023 18:56

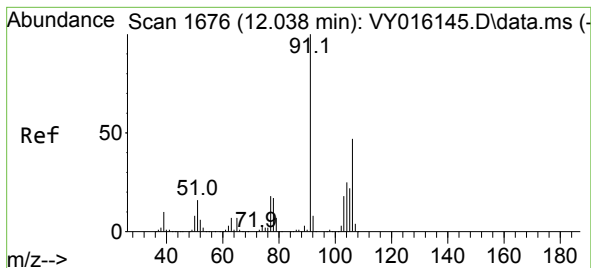
Tgt Ion: 106 Resp: 505134

Ion Ratio Lower Upper

106 100

91 197.7 166.1 249.1





#69

o-Xylene

Concen: 59.326 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

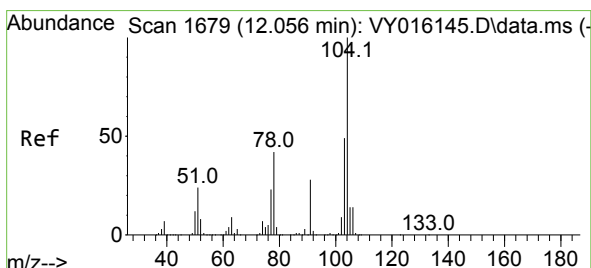
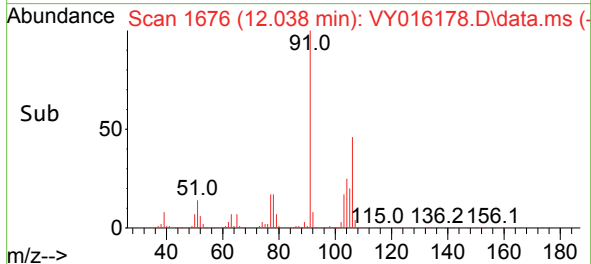
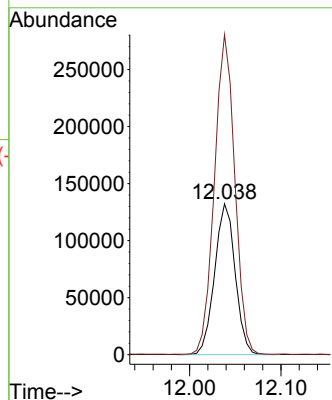
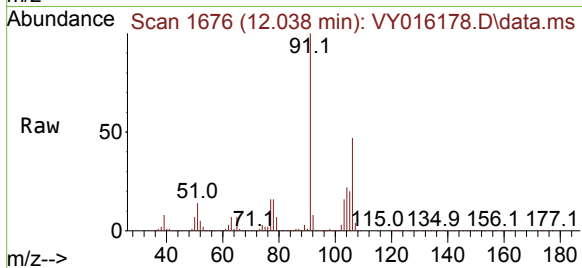
ClientSampleId :

Tgt Ion:106 Resp: 206447

Ion Ratio Lower Upper

106 100

91 210.0 108.1 324.3



#70

Styrene

Concen: 51.376 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

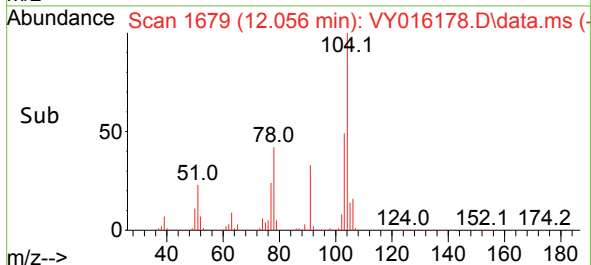
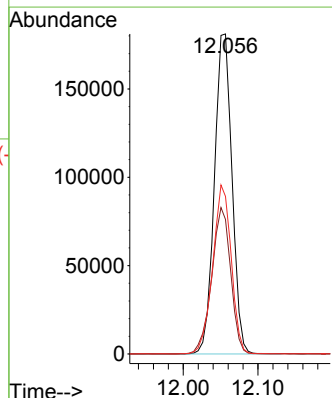
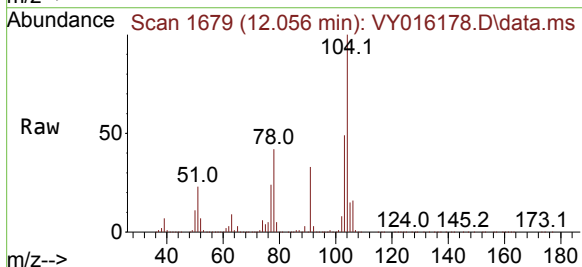
Tgt Ion:104 Resp: 297206

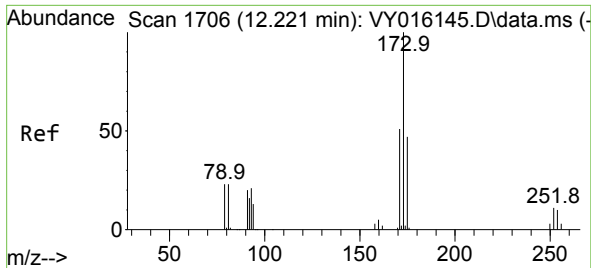
Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

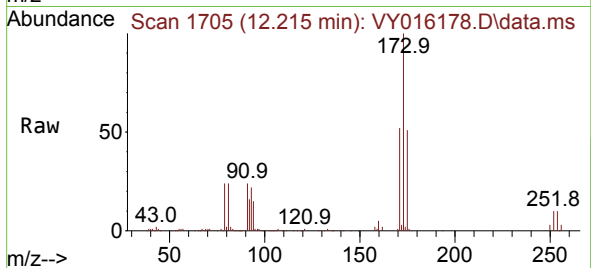
103 55.6 44.6 67.0



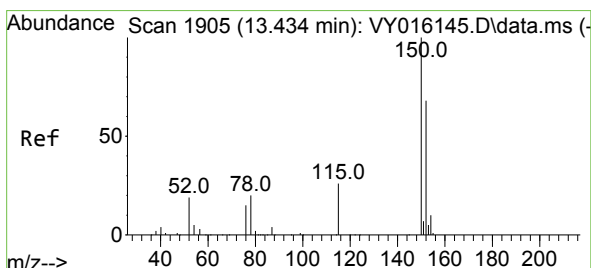
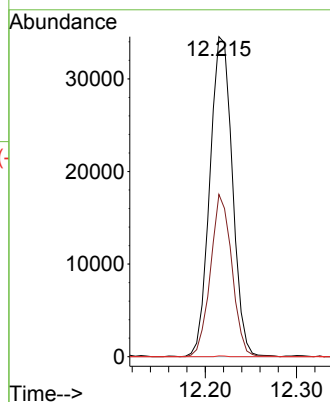
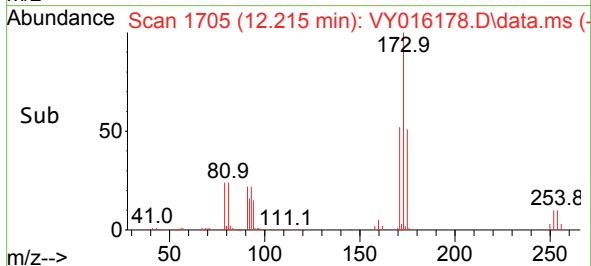


#71
Bromoform
Concen: 54.609 ug/l
RT: 12.215 min Scan# 1706
Delta R.T. -0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Instrument :
MSVOA_Y
ClientSampleId :

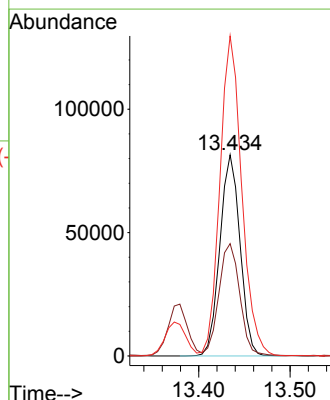
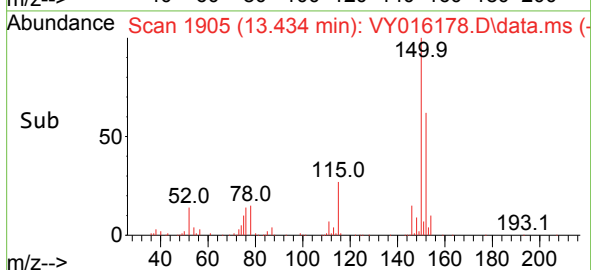
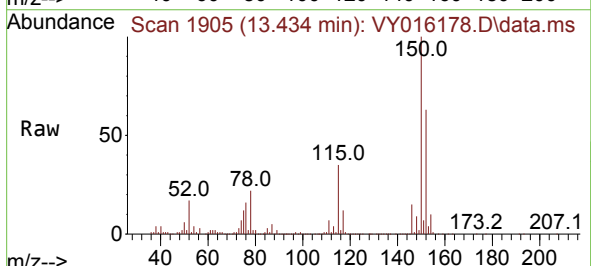


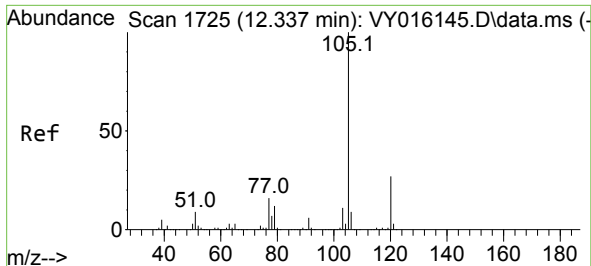
Tgt Ion:173 Resp: 59172
Ion Ratio Lower Upper
173 100
175 48.1 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion:152 Resp: 125154
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 171.7 0.0 348.8

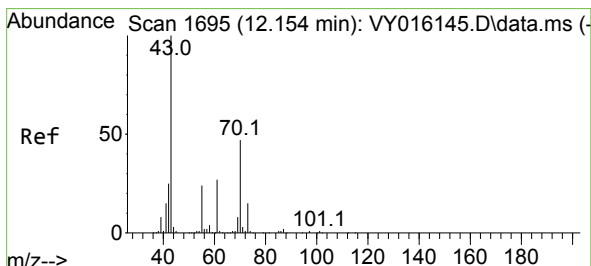
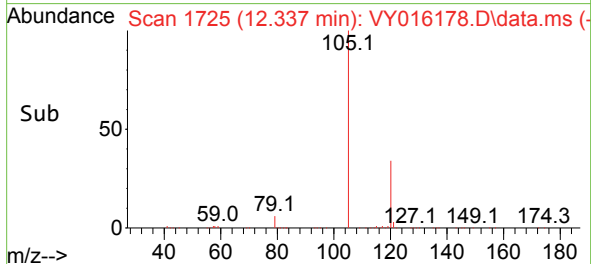
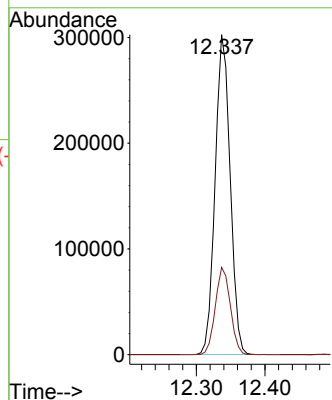
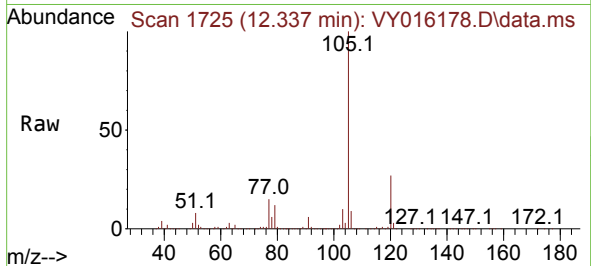




#73
Isopropylbenzene
Concen: 49.117 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

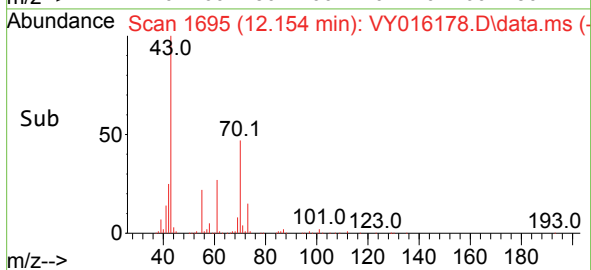
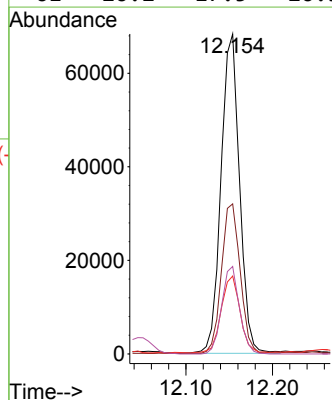
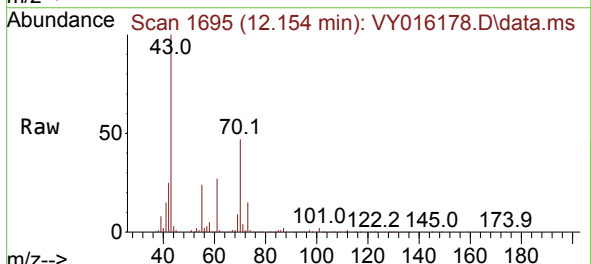
Instrument :
MSVOA_Y
ClientSampleId :

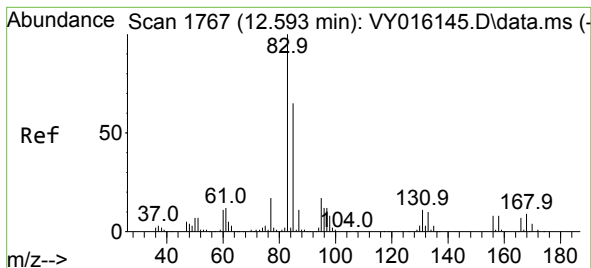
Tgt Ion:105 Resp: 461114
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 49.665 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 43 Resp: 101321
Ion Ratio Lower Upper
43 100
70 47.6 29.7 44.5#
55 24.3 18.3 27.5
61 26.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.870 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

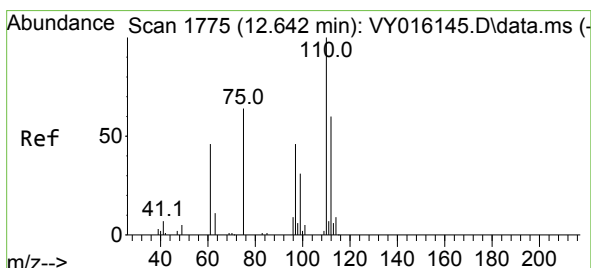
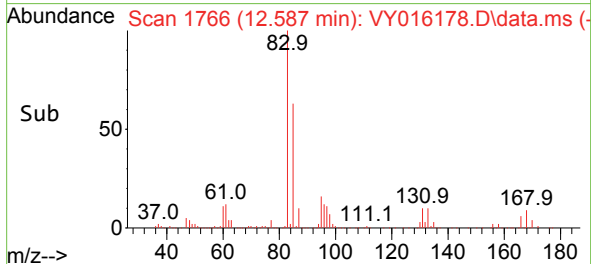
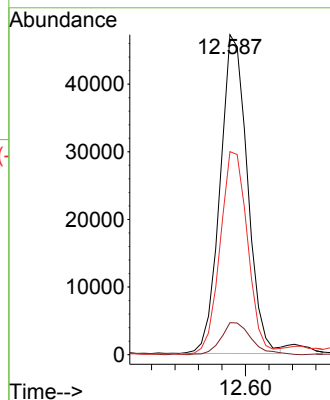
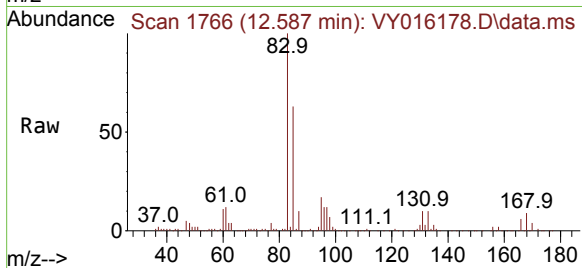
Tgt Ion: 83 Resp: 75994

Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.625 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016178.D

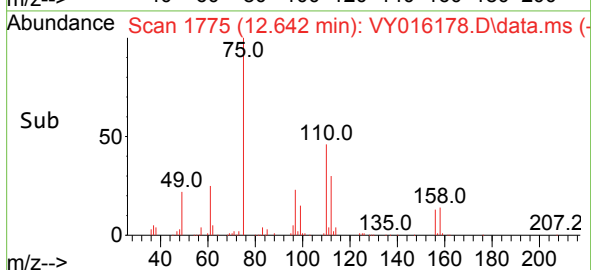
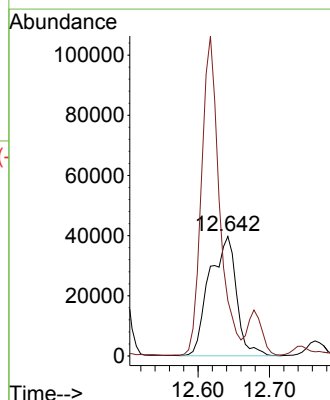
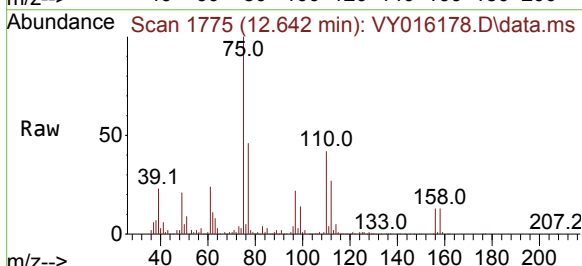
Acq: 01 Nov 2023 18:56

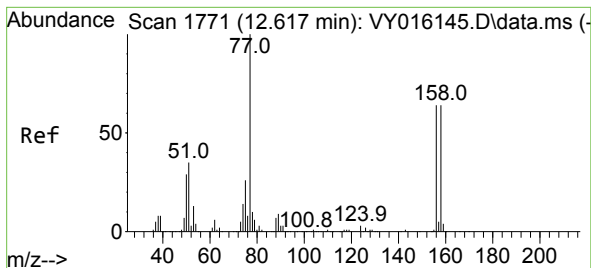
Tgt Ion: 75 Resp: 104453

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.393 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

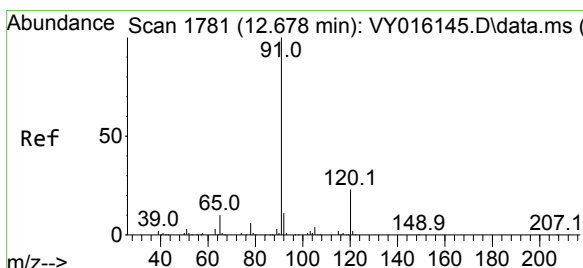
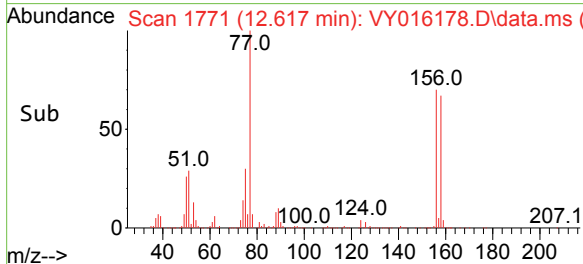
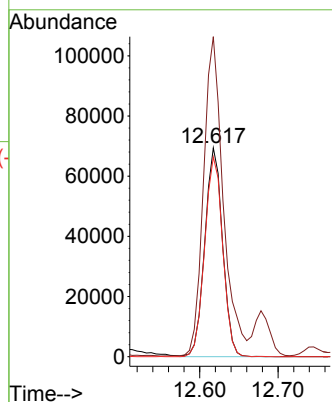
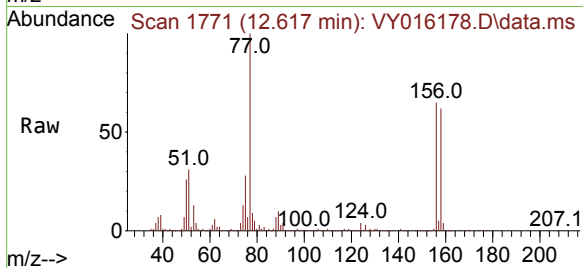
Tgt Ion:156 Resp: 109251

Ion Ratio Lower Upper

156 100

77 169.7 92.8 278.6

158 97.0 48.4 145.3



#78

n-propylbenzene

Concen: 49.116 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016178.D

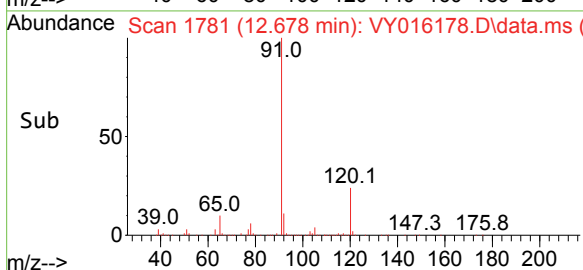
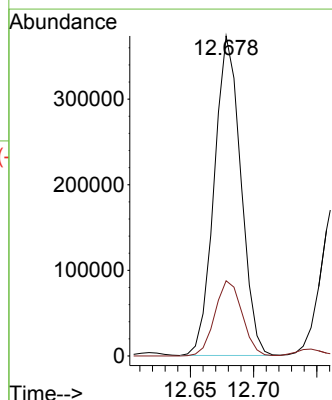
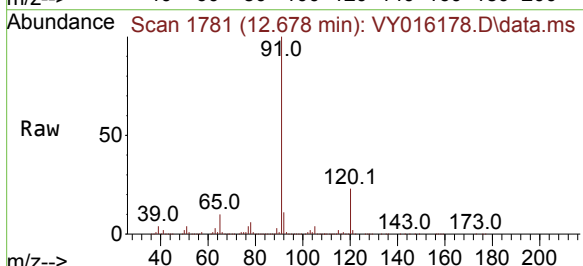
Acq: 01 Nov 2023 18:56

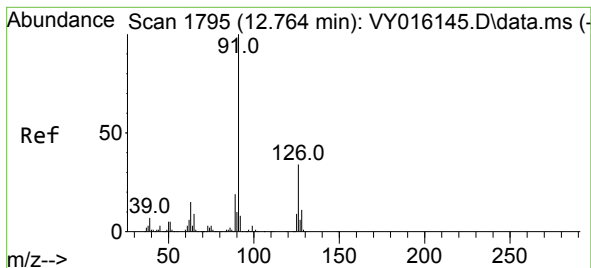
Tgt Ion: 91 Resp: 545150

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 49.872 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

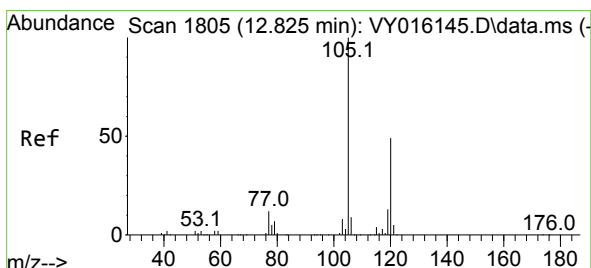
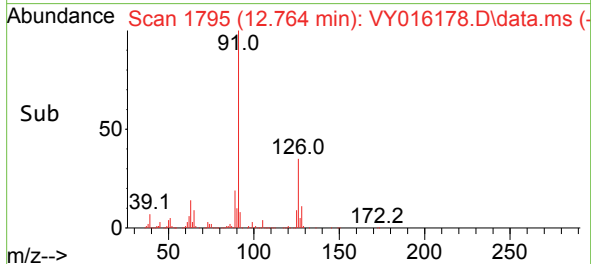
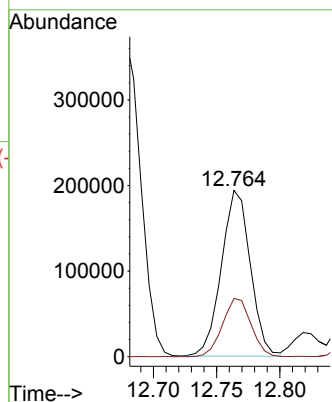
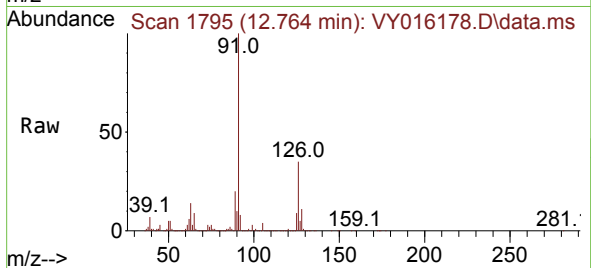
ClientSampleId :

Tgt Ion: 91 Resp: 308736

Ion Ratio Lower Upper

91 100

126 34.5 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 51.212 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY016178.D

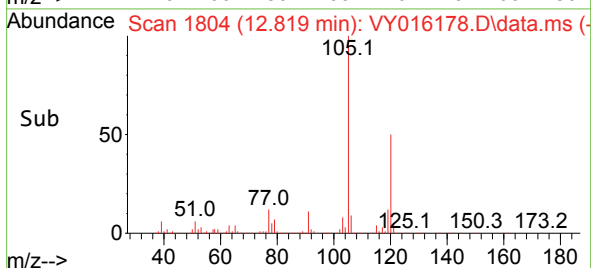
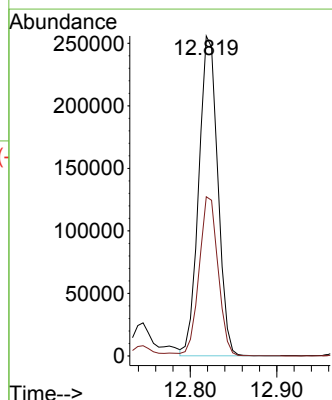
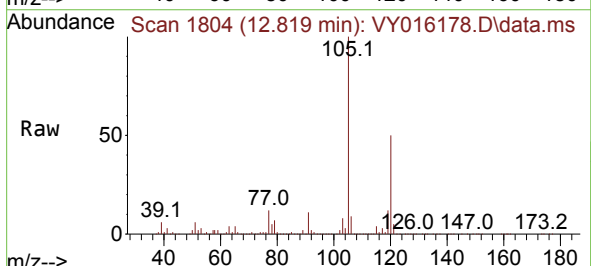
Acq: 01 Nov 2023 18:56

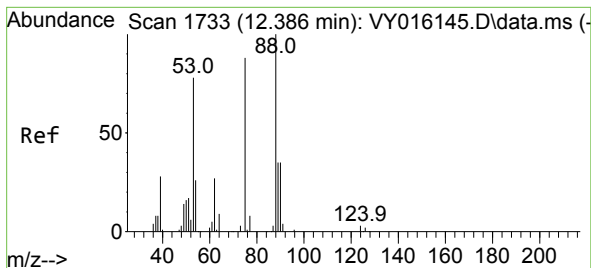
Tgt Ion: 105 Resp: 389519

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

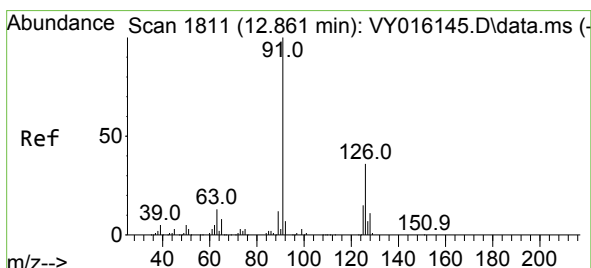
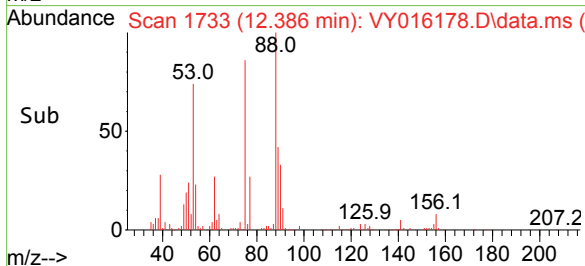
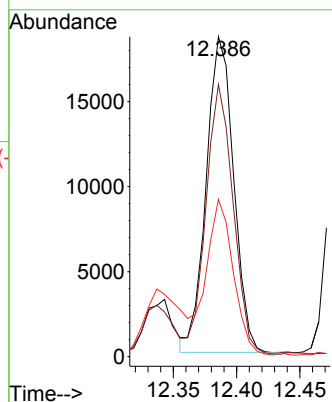
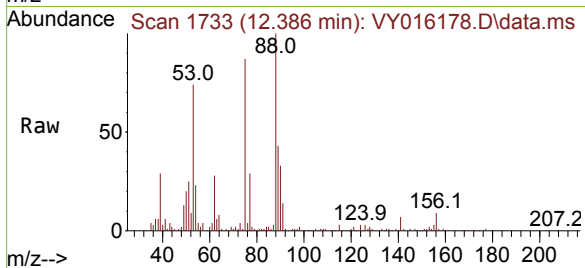




#81
trans-1,4-Dichloro-2-butene
Concen: 51.526 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

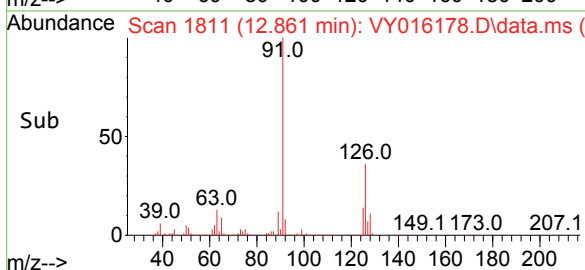
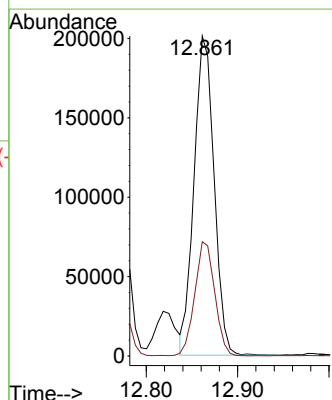
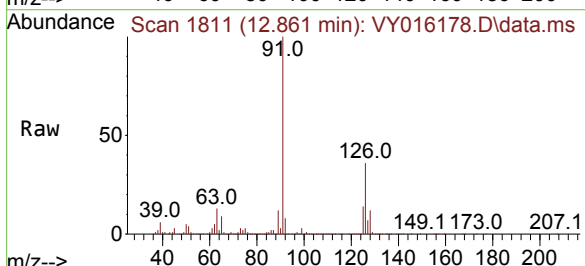
Instrument :
MSVOA_Y
ClientSampleId :

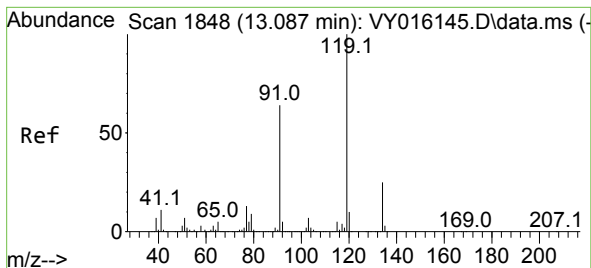
Tgt Ion: 75 Resp: 28008
Ion Ratio Lower Upper
75 100
53 85.5 77.8 116.8
89 49.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.238 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

Tgt Ion: 91 Resp: 306640
Ion Ratio Lower Upper
91 100
126 35.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 49.843 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. -0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

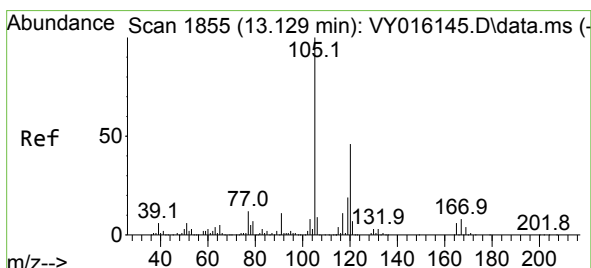
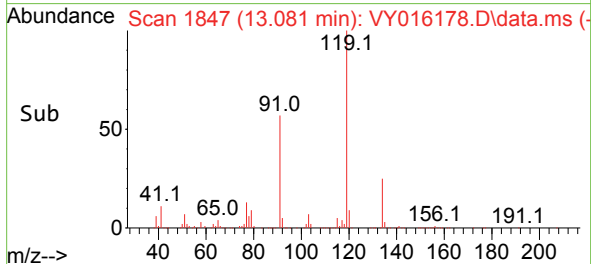
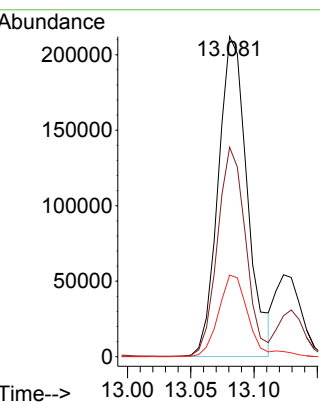
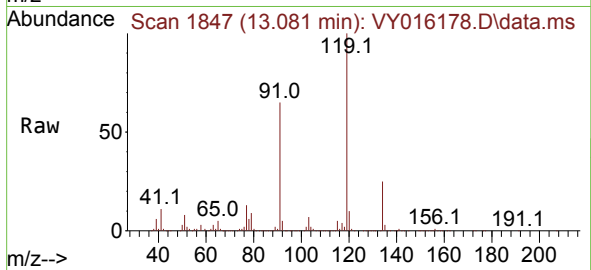
Tgt Ion:119 Resp: 339205

Ion Ratio Lower Upper

119 100

91 63.4 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 58.483 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016178.D

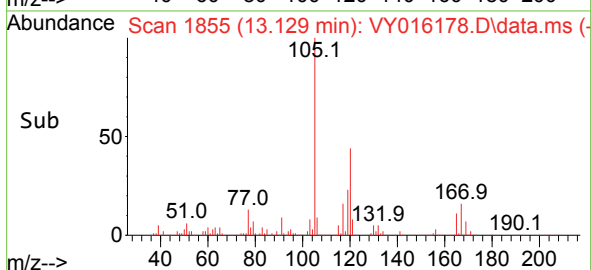
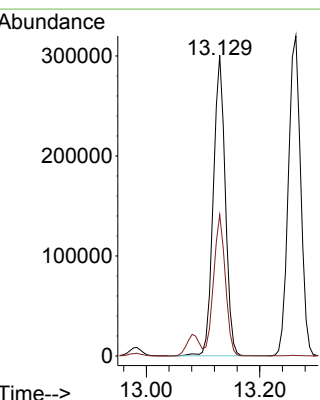
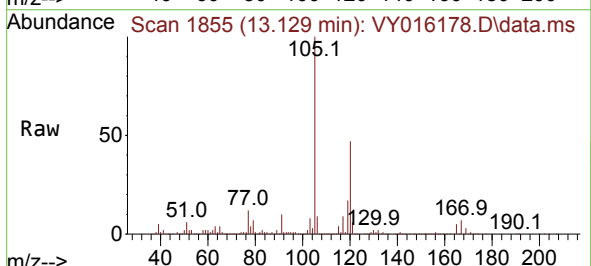
Acq: 01 Nov 2023 18:56

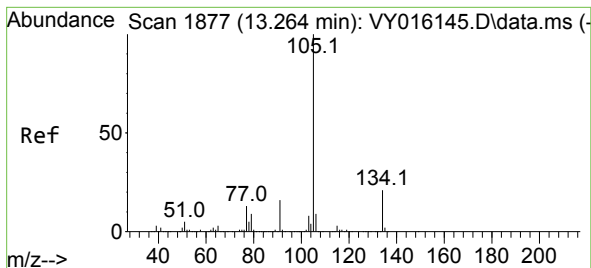
Tgt Ion:105 Resp: 440148

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.043 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

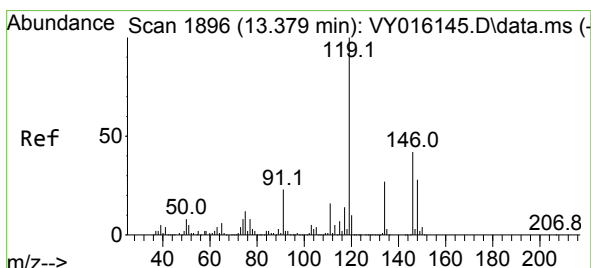
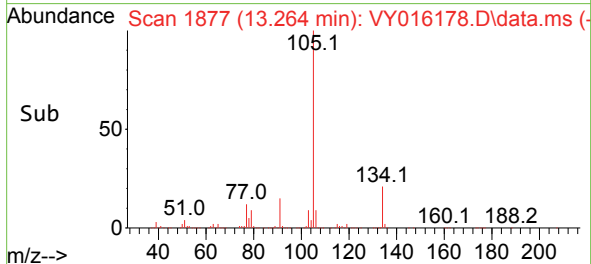
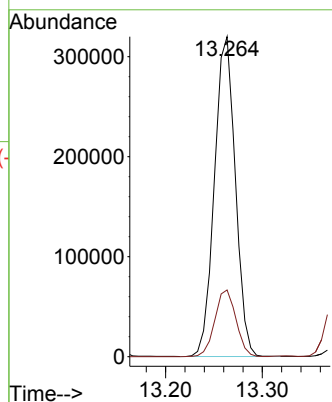
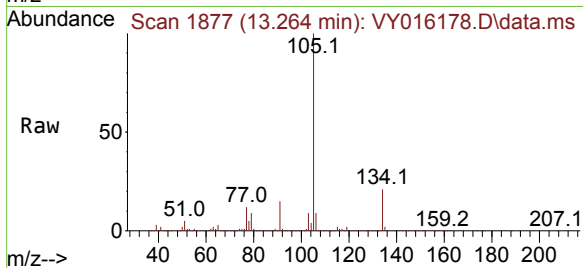
ClientSampleId :

Tgt Ion:105 Resp: 479884

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.700 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

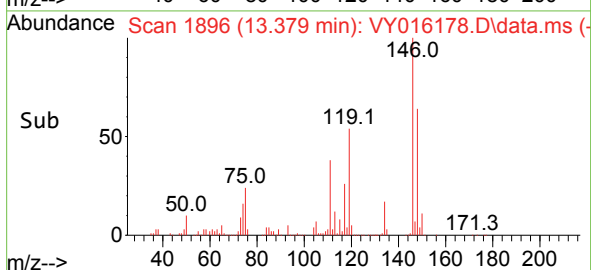
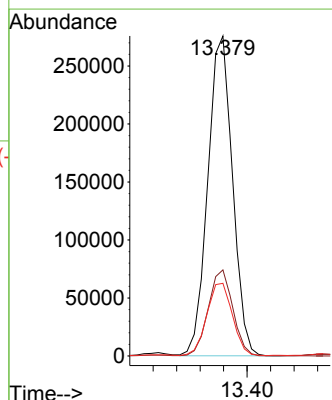
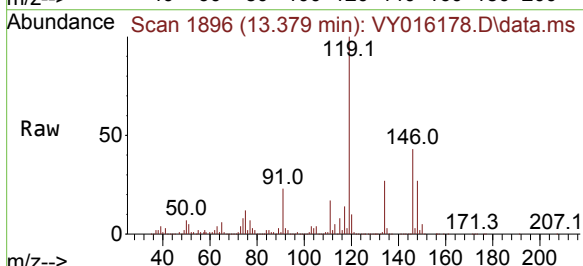
Tgt Ion:119 Resp: 403160

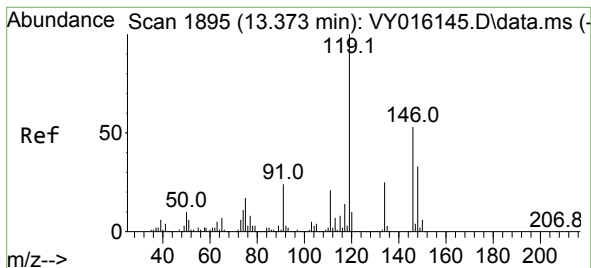
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.546 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

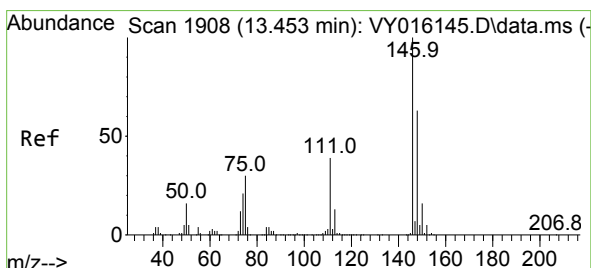
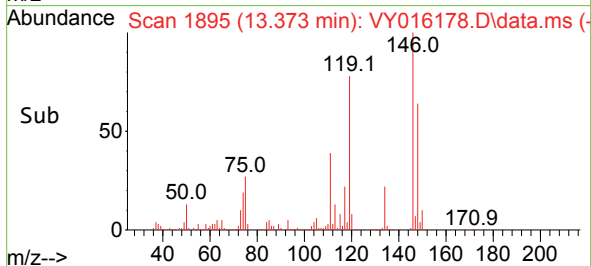
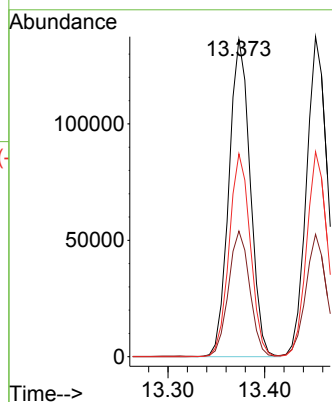
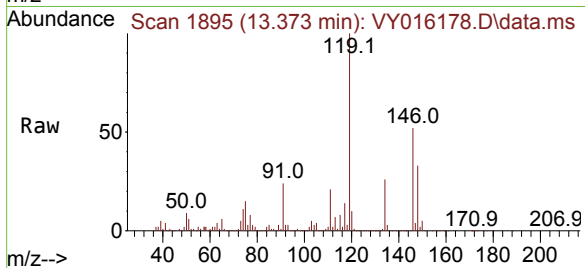
Tgt Ion:146 Resp: 208300

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 49.560 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

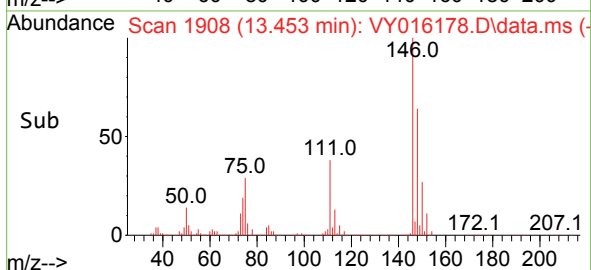
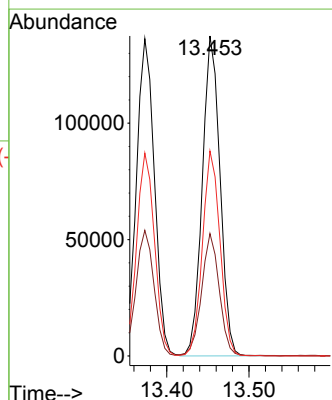
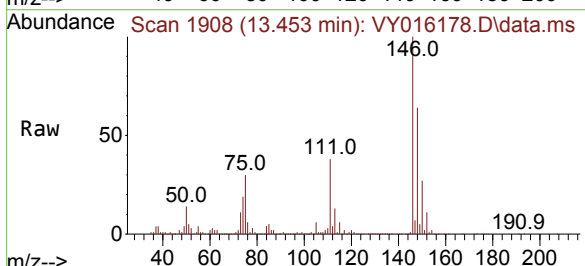
Tgt Ion:146 Resp: 205934

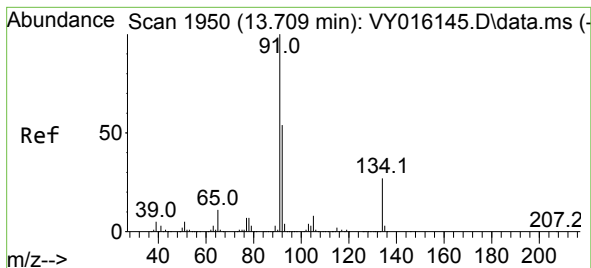
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 63.4 32.1 96.5





#89

n-Butylbenzene

Concen: 48.153 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

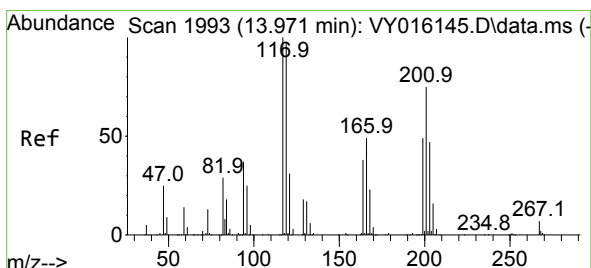
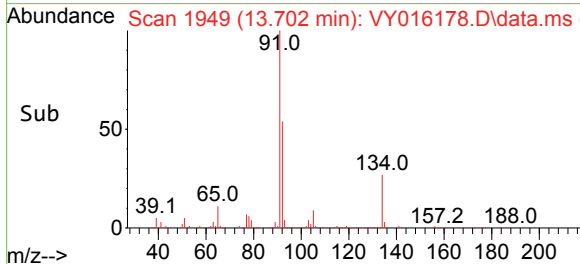
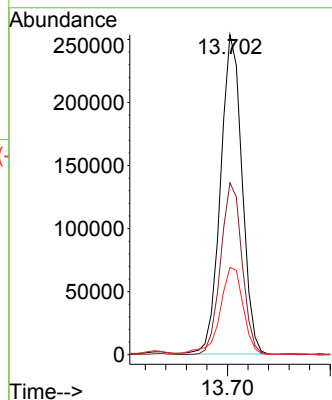
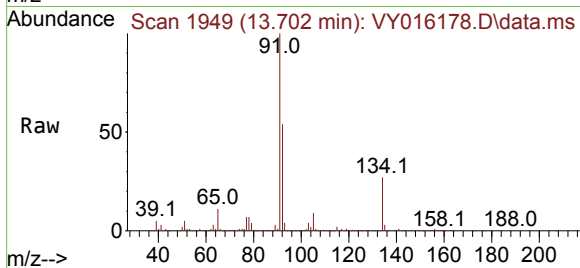
Tgt Ion: 91 Resp: 366279

Ion Ratio Lower Upper

91 100

92 53.9 25.4 76.0

134 29.7 12.6 37.6



#90

Hexachloroethane

Concen: 54.638 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016178.D

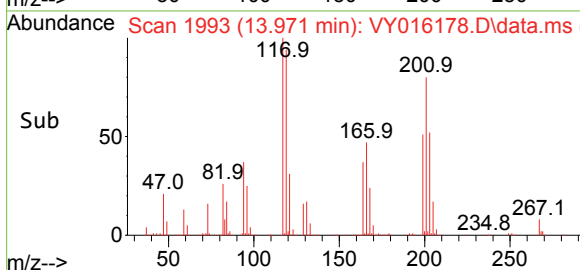
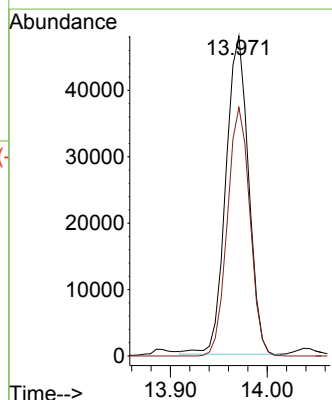
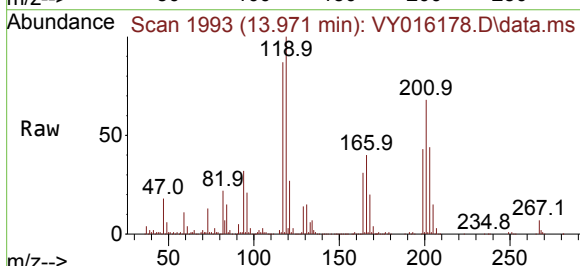
Acq: 01 Nov 2023 18:56

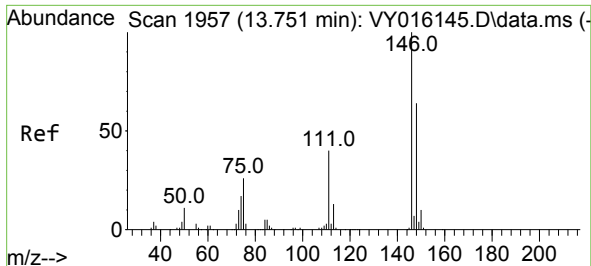
Tgt Ion: 117 Resp: 77947

Ion Ratio Lower Upper

117 100

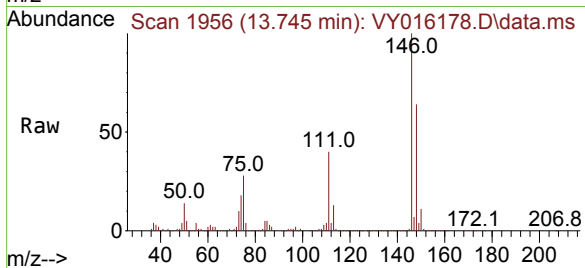
201 77.5 41.6 124.8



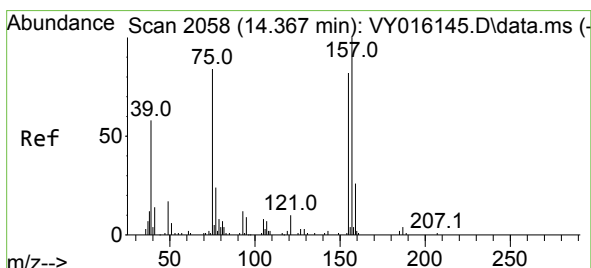
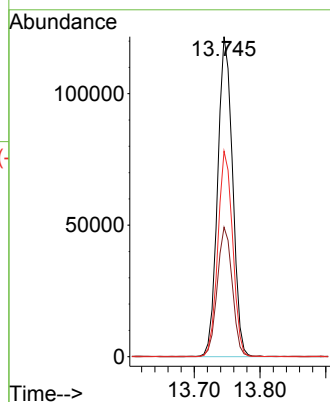
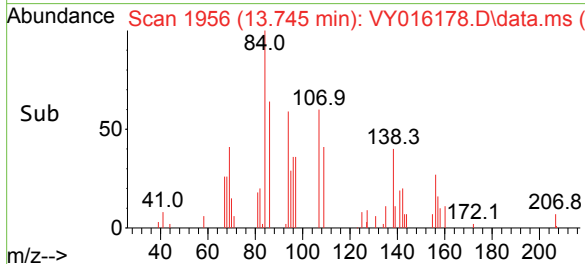


#91
1,2-Dichlorobenzene
Concen: 52.872 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56

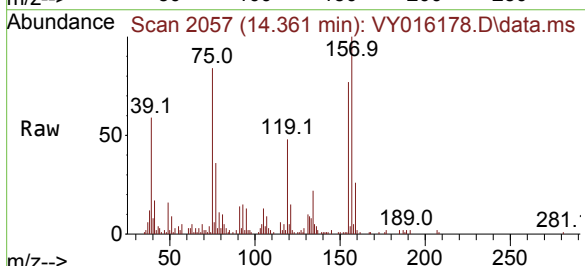
Instrument :
MSVOA_Y
ClientSampleId :



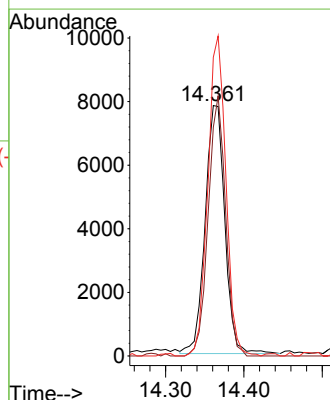
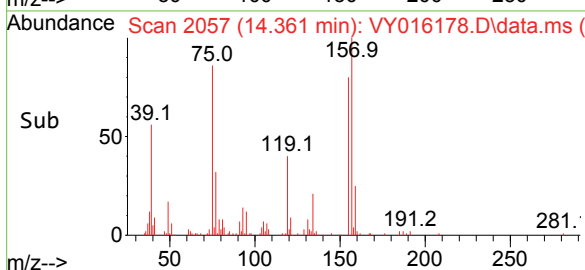
Tgt Ion:146 Resp: 192058
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.6 32.0 96.2

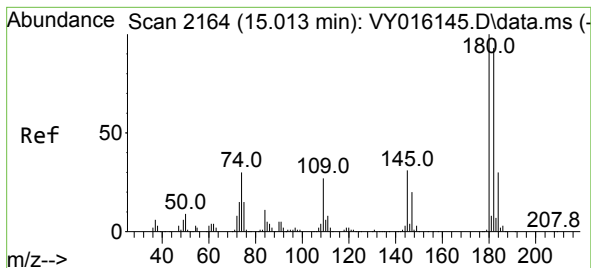


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.794 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.006 min
Lab File: VY016178.D
Acq: 01 Nov 2023 18:56



Tgt Ion: 75 Resp: 13580
Ion Ratio Lower Upper
75 100
155 92.6 41.5 124.6
157 118.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 52.265 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

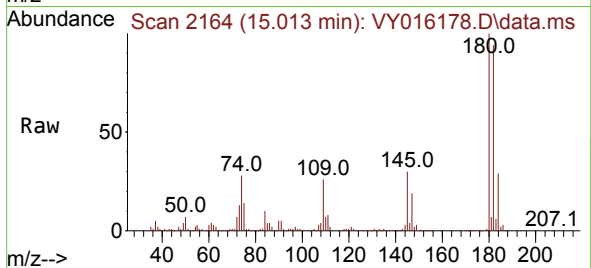
Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :



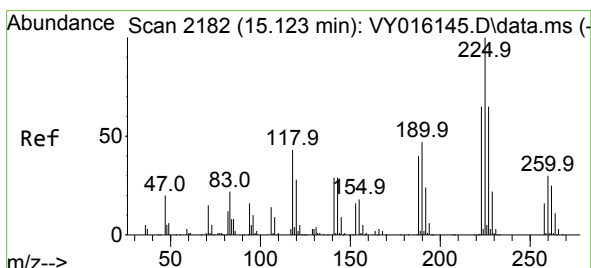
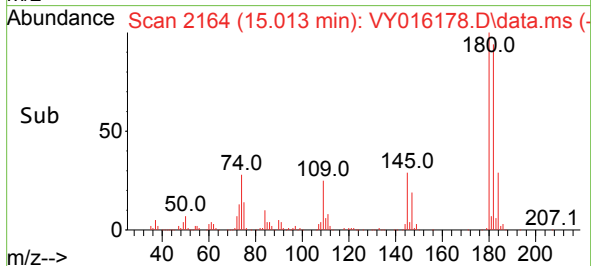
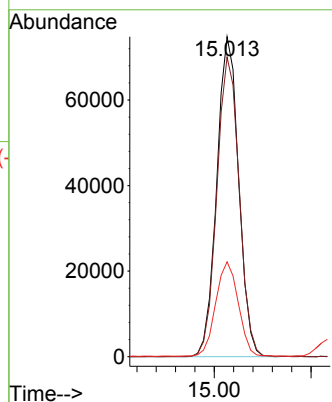
Tgt Ion:180 Resp: 117179

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.625 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

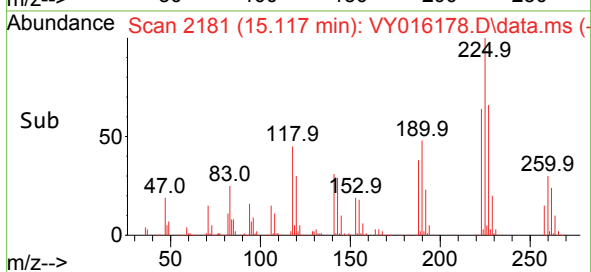
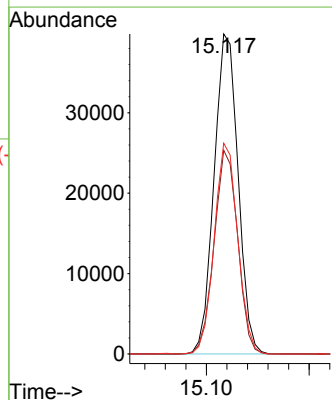
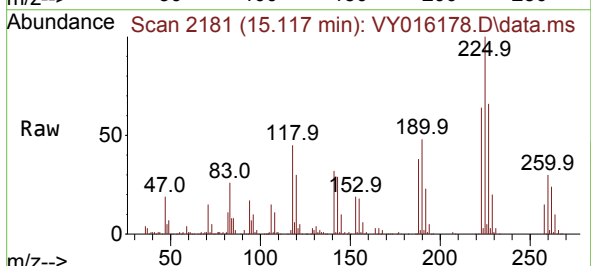
Tgt Ion:225 Resp: 64474

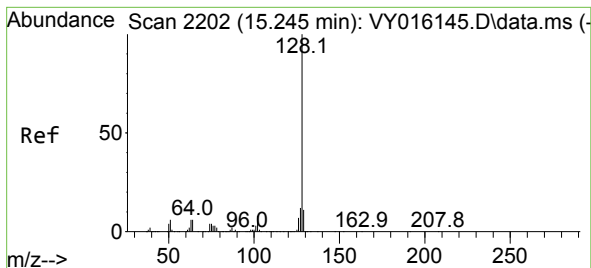
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 64.3 33.0 98.9





#95

Naphthalene

Concen: 66.408 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Instrument :

MSVOA_Y

ClientSampleId :

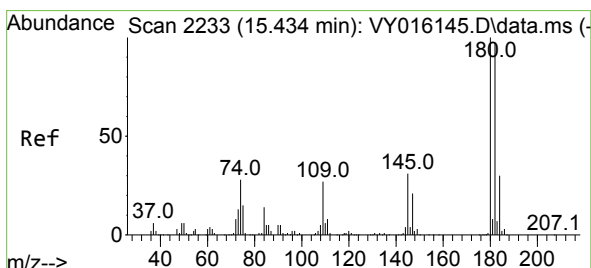
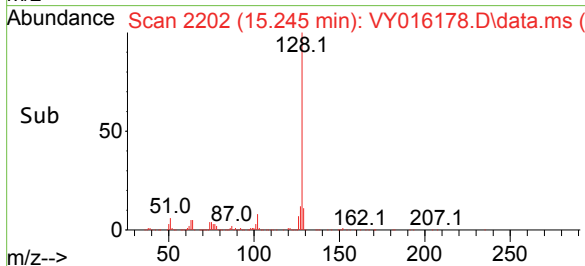
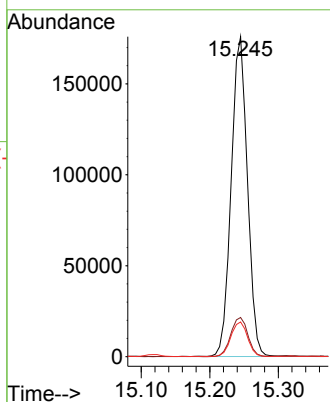
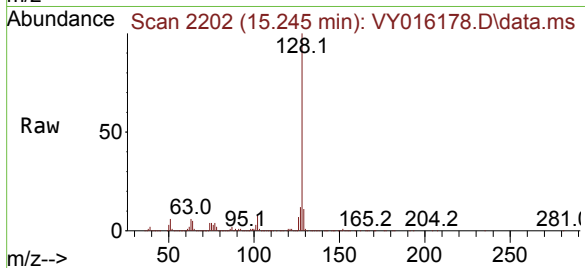
Tgt Ion:128 Resp: 289246

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.861 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016178.D

Acq: 01 Nov 2023 18:56

Tgt Ion:180 Resp: 101241

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 34.3 15.4 46.2

