

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016078.D
 Acq On : 26 Oct 2023 12:45
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 03:57:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 03:53:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	293730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	102774	50.529	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.060%	
35) Dibromofluoromethane	7.716	113	105526	50.923	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.840%	
50) Toluene-d8	10.179	98	395735	51.555	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.100%	
62) 4-Bromofluorobenzene	12.477	95	135243	51.363	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.720%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	71664	50.765	ug/l	95
3) Chloromethane	2.113	50	88658	51.252	ug/l	99
4) Vinyl Chloride	2.253	62	100726	50.970	ug/l	98
5) Bromomethane	2.650	94	72997	49.696	ug/l	98
6) Chloroethane	2.796	64	69278	51.180	ug/l	98
7) Trichlorofluoromethane	3.125	101	157654	49.852	ug/l	98
8) Diethyl Ether	3.528	74	54107	51.046	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.899	101	94277	49.417	ug/l	96
10) Methyl Iodide	4.088	142	128734	52.811	ug/l	95
11) Tert butyl alcohol	4.954	59	47654	211.915	ug/l #	85
12) 1,1-Dichloroethene	3.869	96	89305	51.093	ug/l	89
13) Acrolein	3.729	56	59669	235.540	ug/l	99
14) Allyl chloride	4.479	41	139625	51.101	ug/l	92
15) Acrylonitrile	5.161	53	132963	255.705	ug/l	98
16) Acetone	3.948	43	136985	248.478	ug/l	89
17) Carbon Disulfide	4.198	76	243456	50.354	ug/l	100
18) Methyl Acetate	4.479	43	100768	51.698	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	257403	51.640	ug/l	99
20) Methylene Chloride	4.716	84	110950	51.917	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	102840	50.757	ug/l	91
22) Diisopropyl ether	6.125	45	311654	52.163	ug/l	88
23) Vinyl Acetate	6.058	43	837851	261.738	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	184043	51.130	ug/l	97
25) 2-Butanone	6.984	43	185813	249.729	ug/l	94
26) 2,2-Dichloropropane	6.984	77	165231	49.380	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	120292	50.555	ug/l	94
28) Bromochloromethane	7.332	49	76333	51.837	ug/l	91
29) Tetrahydrofuran	7.344	42	111577	261.358	ug/l	91
30) Chloroform	7.509	83	192872	50.724	ug/l	98
31) Cyclohexane	7.789	56	154842	48.390	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	171508	50.286	ug/l	98
36) 1,1-Dichloropropene	7.917	75	145740	50.454	ug/l	99
37) Ethyl Acetate	7.070	43	76148	51.431	ug/l #	94
38) Carbon Tetrachloride	7.899	117	155289	50.837	ug/l	98
39) Methylcyclohexane	9.185	83	179632	51.046	ug/l	93
40) Benzene	8.161	78	419372	51.279	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	103113	133.073	ug/l #	28
42) 1,2-Dichloroethane	8.234	62	121790	51.538	ug/l	93
43) Isopropyl Acetate	8.271	43	143351	51.783	ug/l	93
44) Trichloroethene	8.941	130	116342	50.946	ug/l	95
45) 1,2-Dichloropropane	9.216	63	107397	51.886	ug/l	99
46) Dibromomethane	9.307	93	62194	51.245	ug/l	97
47) Bromodichloromethane	9.496	83	152118	51.826	ug/l	97
48) Methyl methacrylate	9.295	41	67404	52.851	ug/l	86
49) 1,4-Dioxane	9.295	88	15585	1026.379	ug/l #	55
51) 4-Methyl-2-Pentanone	10.069	43	385119	263.648	ug/l	91
52) Toluene	10.246	92	272495	51.888	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	156094	52.006	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	177077	52.169	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	88195	51.146	ug/l	94
56) Ethyl methacrylate	10.508	69	118265	53.366	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	149290	51.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	285179	258.490	ug/l	95
59) 2-Hexanone	10.831	43	280228	260.429	ug/l	89
60) Dibromochloromethane	10.984	129	109137	51.684	ug/l	100
61) 1,2-Dibromoethane	11.087	107	85606	51.845	ug/l	98
64) Tetrachloroethene	10.721	164	97511	50.166	ug/l	95
65) Chlorobenzene	11.514	112	295588	51.208	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	113127	52.479	ug/l	98
67) Ethyl Benzene	11.593	91	530108	51.704	ug/l	97
68) m/p-Xylenes	11.703	106	411600	103.738	ug/l	94
69) o-Xylene	12.026	106	198273	52.198	ug/l	96
70) Styrene	12.044	104	333529	52.676	ug/l	96
71) Bromoform	12.209	173	68483	52.154	ug/l #	98
73) Isopropylbenzene	12.331	105	523147	50.712	ug/l	100
74) N-amyl acetate	12.142	43	132082	52.509	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	106523	50.515	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	134630	89.346	ug/l #	100
77) Bromobenzene	12.605	156	122141	50.732	ug/l	98
78) n-propylbenzene	12.672	91	633606	50.726	ug/l	99
79) 2-Chlorotoluene	12.752	91	351184	50.201	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	435599	50.859	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	34942	50.738	ug/l	93
82) 4-Chlorotoluene	12.855	91	367054	50.595	ug/l	99
83) tert-Butylbenzene	13.075	119	391311	51.399	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	431408	51.000	ug/l	98
85) sec-Butylbenzene	13.251	105	576167	50.813	ug/l	100
86) p-Isopropyltoluene	13.367	119	485082	51.268	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	244986	50.394	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	241121	50.185	ug/l	99
89) n-Butylbenzene	13.696	91	448603	50.827	ug/l	96
90) Hexachloroethane	13.959	117	93390	50.698	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	219264	50.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	16563	50.030	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	136292	51.182	ug/l	99
94) Hexachlorobutadiene	15.111	225	77516	50.155	ug/l	98
95) Naphthalene	15.233	128	272055	52.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	117922	51.351	ug/l	99

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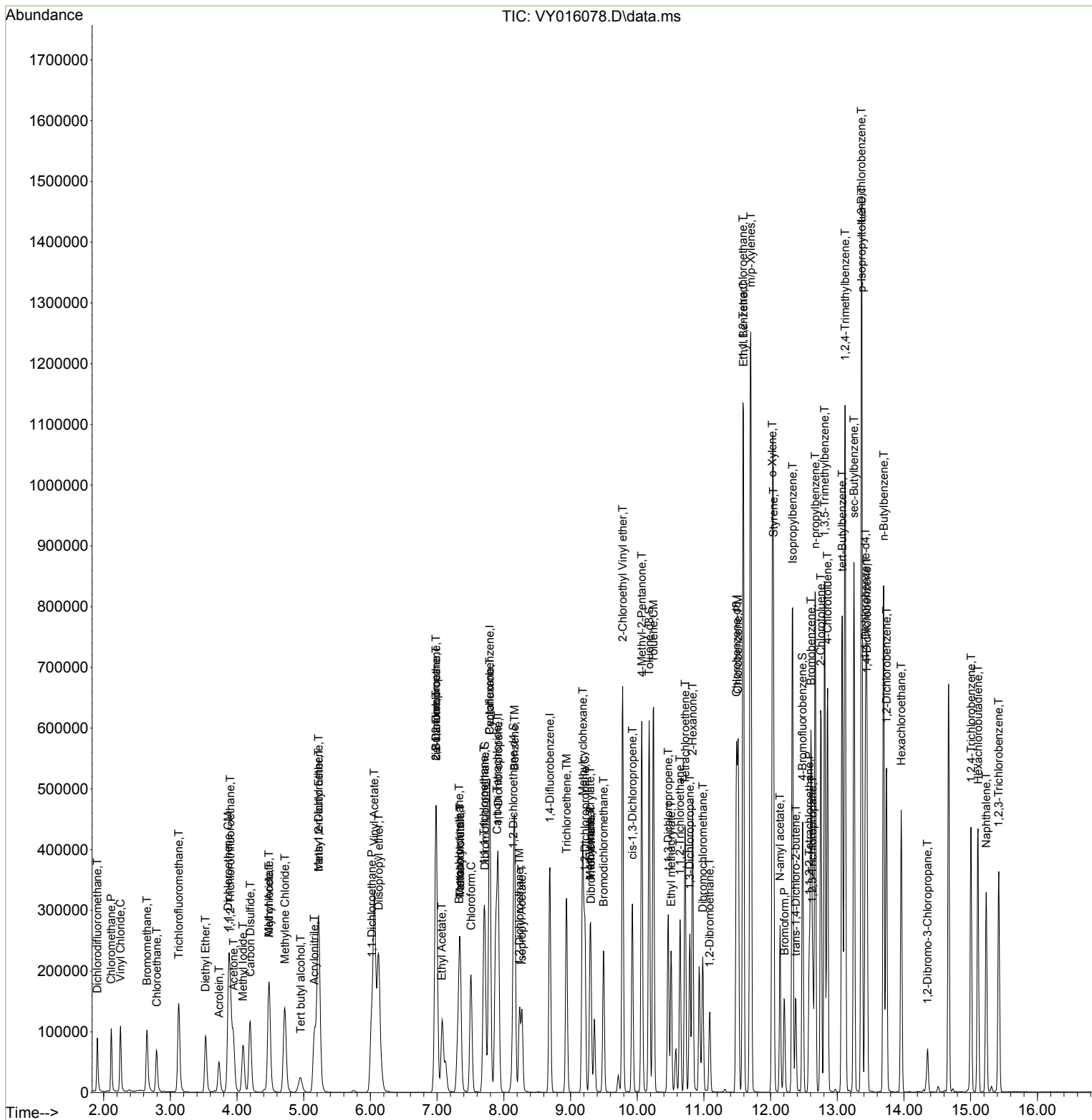
Instrument :
MSVOA_Y
ClientSampleId :

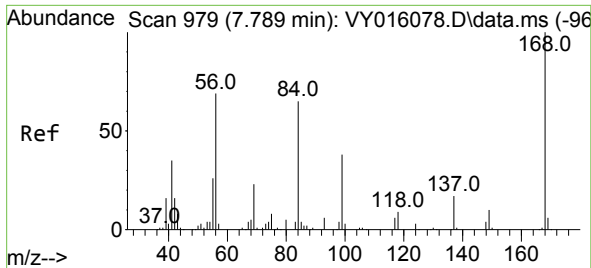
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

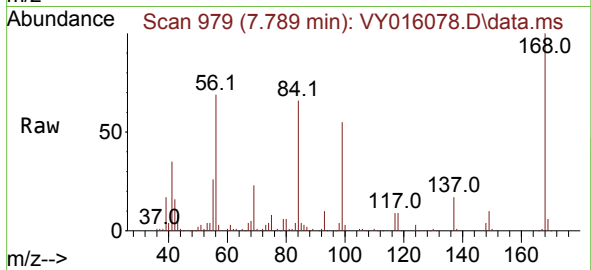
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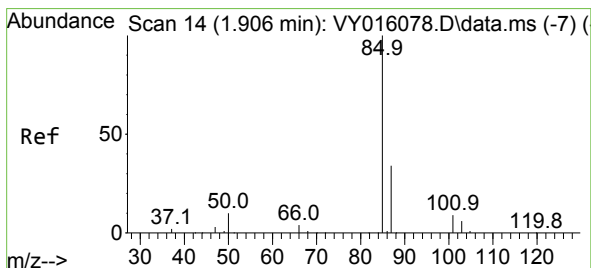
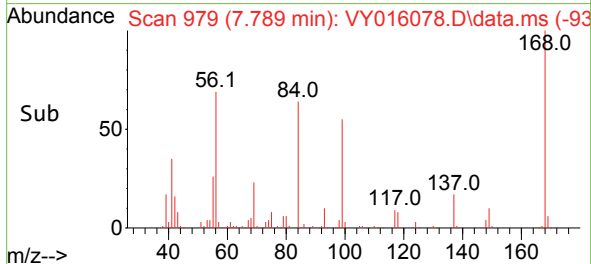
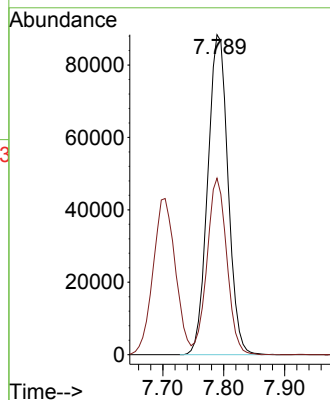


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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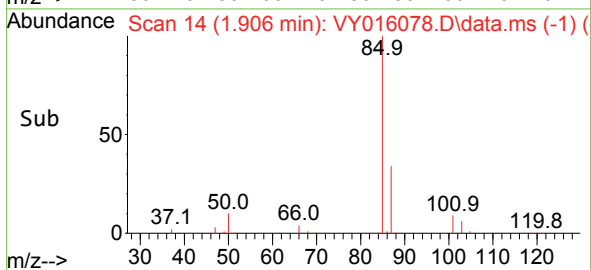
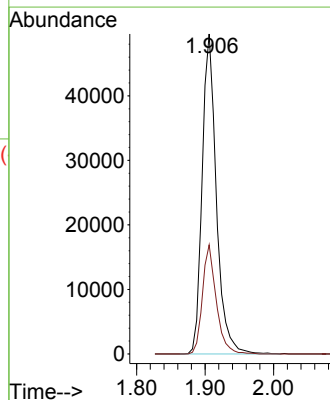
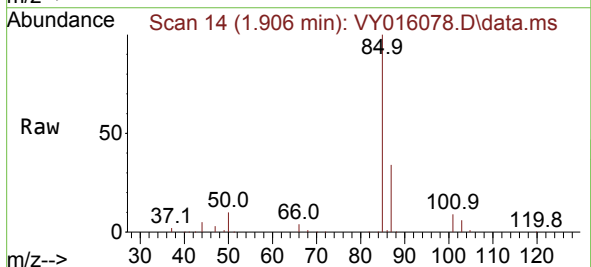


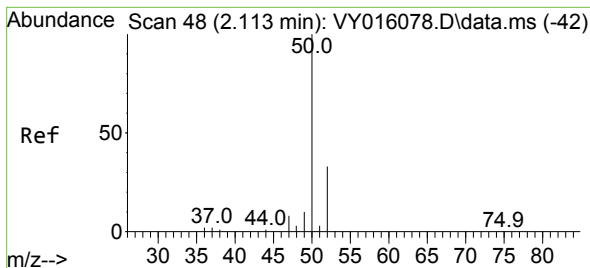
Tgt Ion:168 Resp: 204549
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 50.765 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 85 Resp: 71664
Ion Ratio Lower Upper
85 100
87 34.1 15.6 46.8





#3

Chloromethane

Concen: 51.252 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

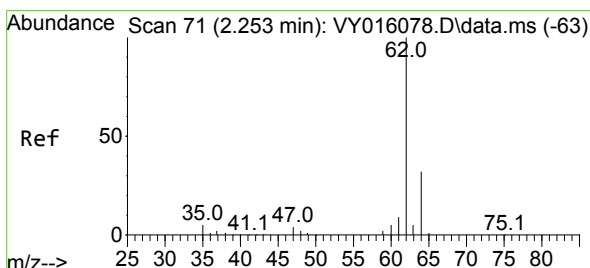
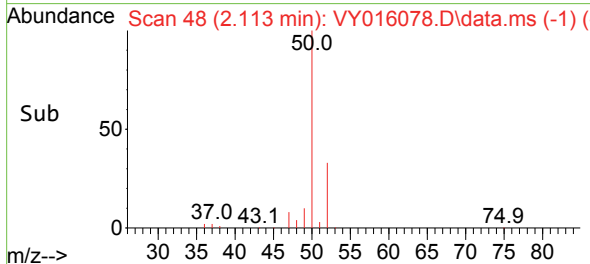
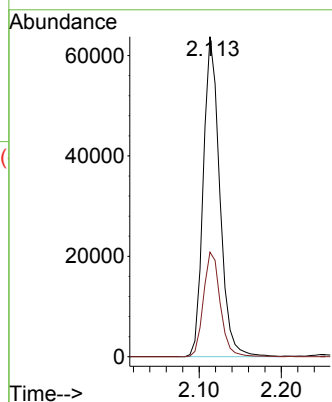
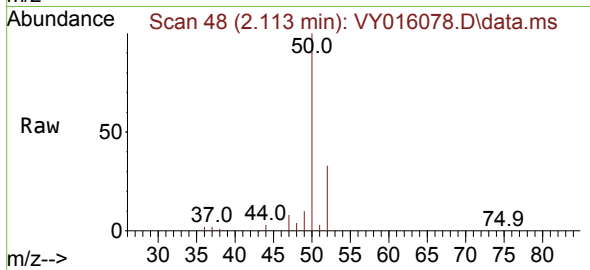
ClientSampleId :

Tgt Ion: 50 Resp: 88658

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 50.970 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY016078.D

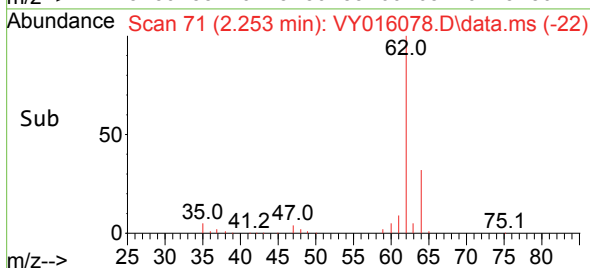
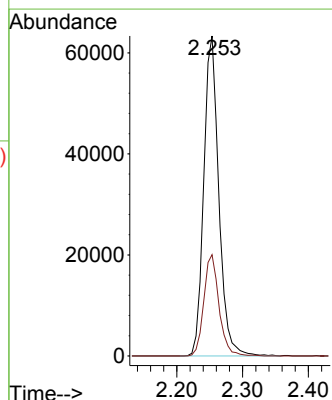
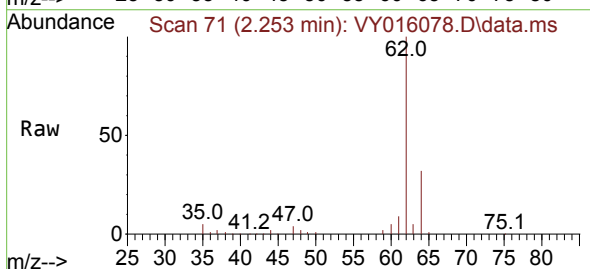
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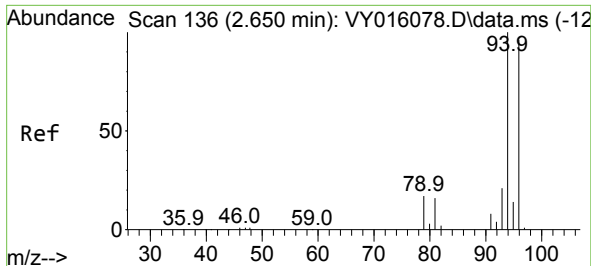
Tgt Ion: 62 Resp: 100726

Ion Ratio Lower Upper

62 100

64 31.7 24.3 36.5

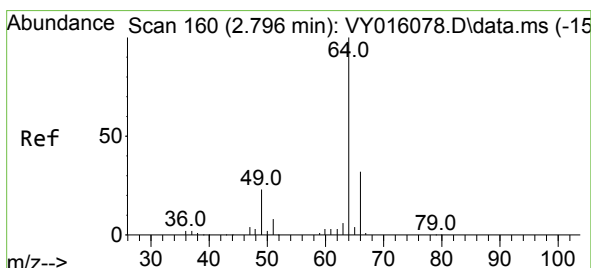
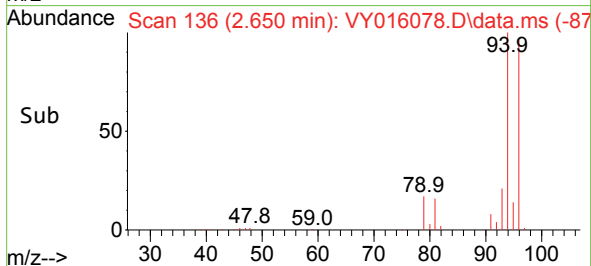
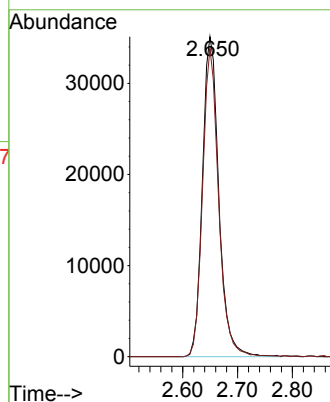
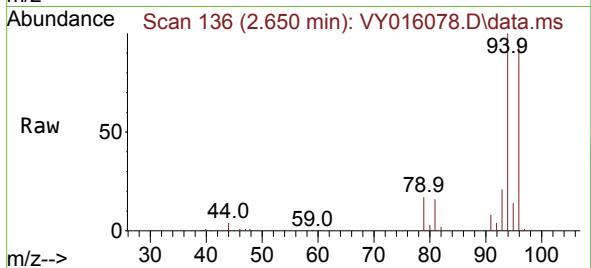




#5
Bromomethane
Concen: 49.696 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

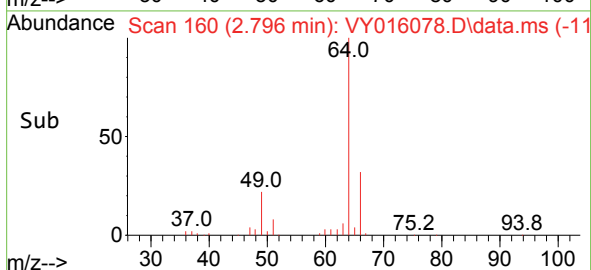
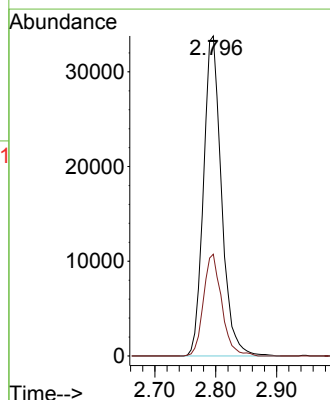
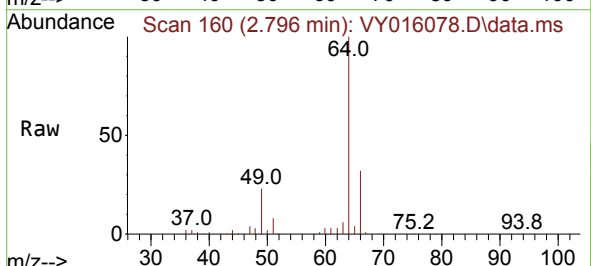
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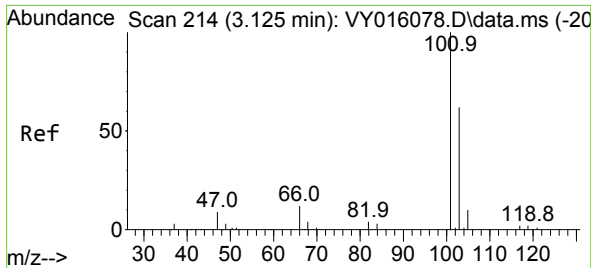
Tgt Ion: 94 Resp: 72997
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.6



#6
Chloroethane
Concen: 51.180 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 64 Resp: 69278
Ion Ratio Lower Upper
64 100
66 31.8 24.4 36.6

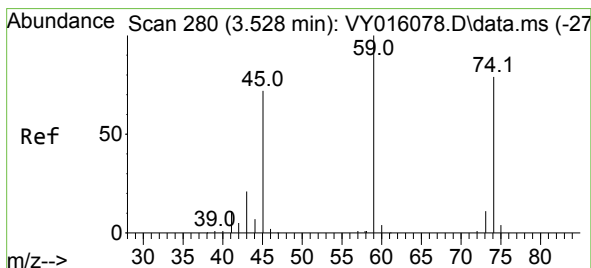
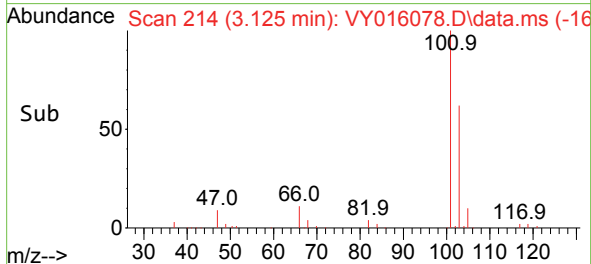
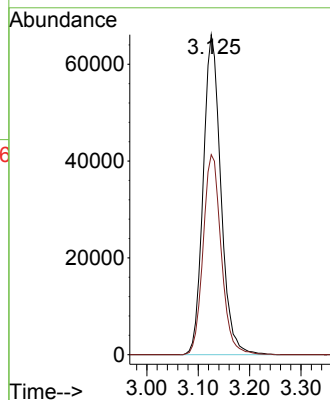
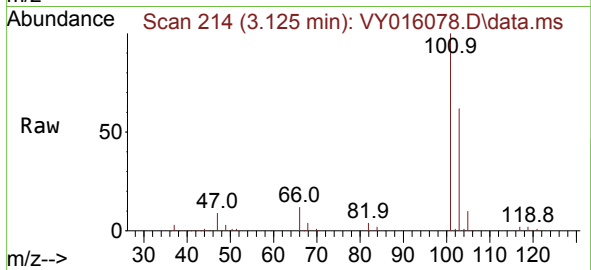




#7
 Trichlorofluoromethane
 Concen: 49.852 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY016078.D
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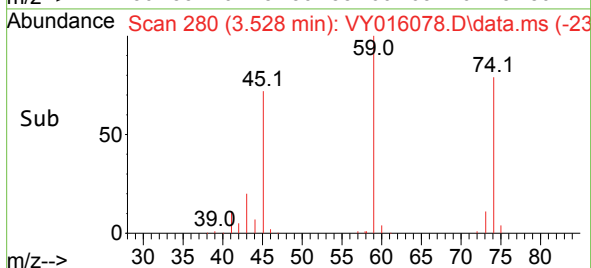
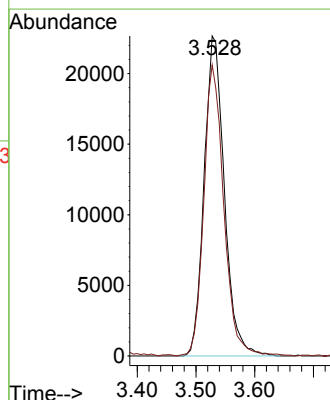
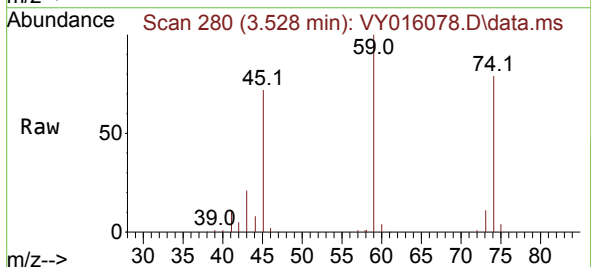
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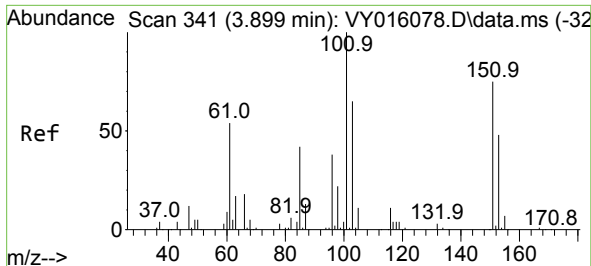
Tgt Ion:101 Resp: 157654
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 51.046 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

Tgt Ion: 74 Resp: 54107
 Ion Ratio Lower Upper
 74 100
 45 90.1 51.5 154.5

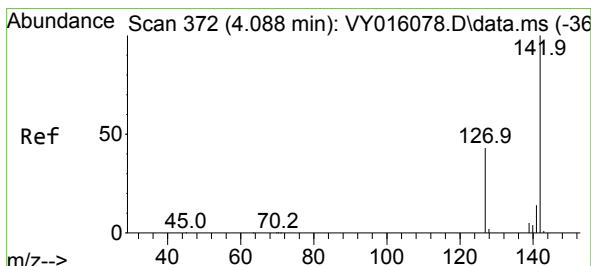
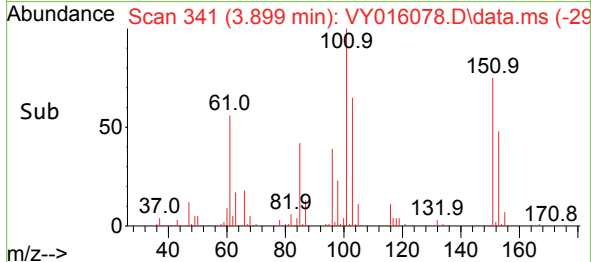
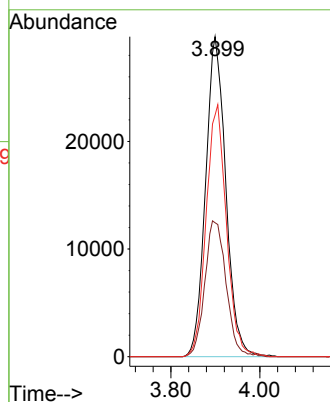
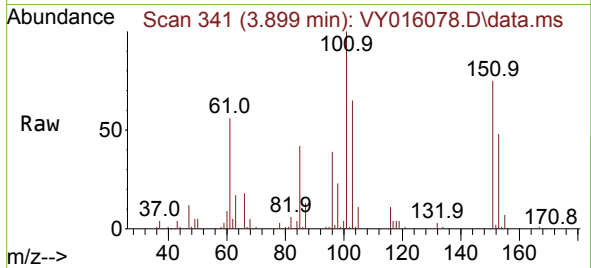




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.417 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
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Acq: 26 Oct 2023 12:45

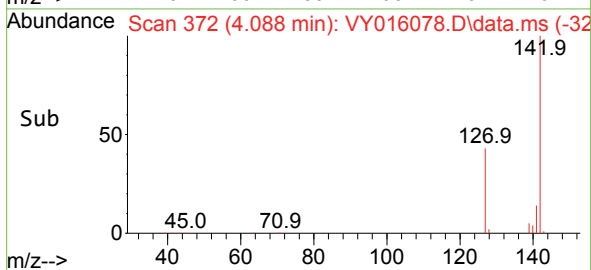
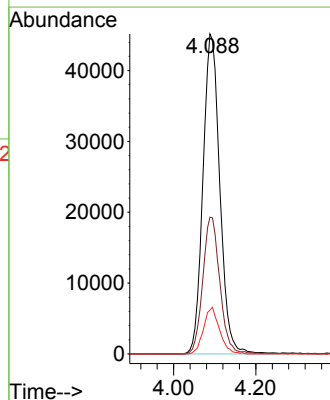
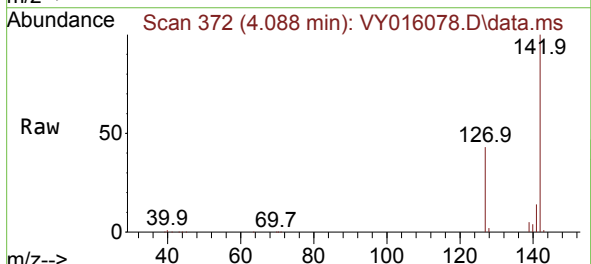
Instrument :
MSVOA_Y
ClientSampleId :

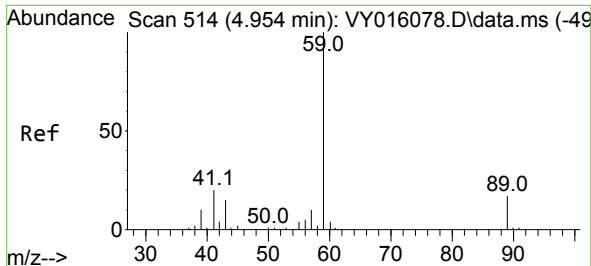
Tgt Ion:101 Resp: 94277
Ion Ratio Lower Upper
101 100
85 44.7 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 52.811 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion:142 Resp: 128734
Ion Ratio Lower Upper
142 100
127 43.3 37.6 56.4
141 13.8 11.8 17.8

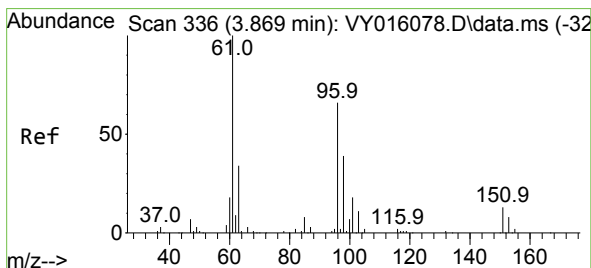
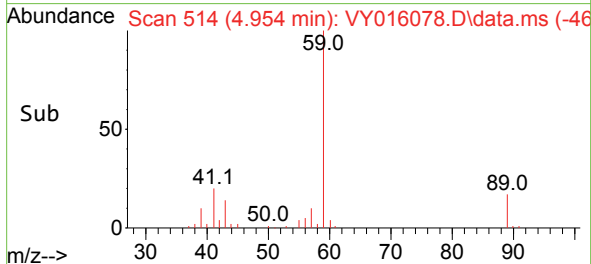
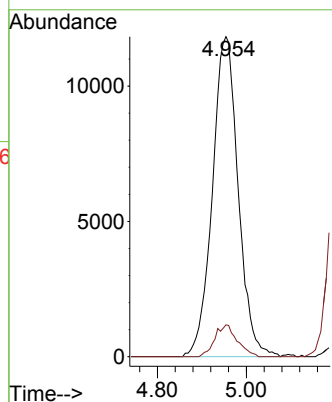
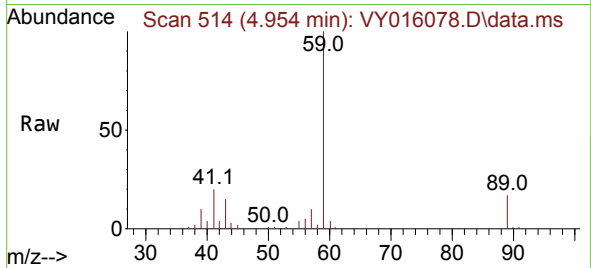




#11
Tert butyl alcohol
Concen: 211.915 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

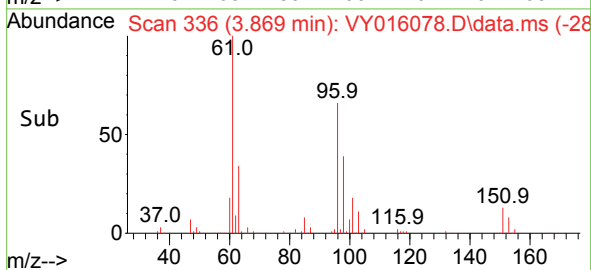
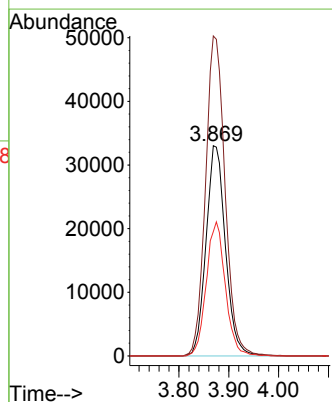
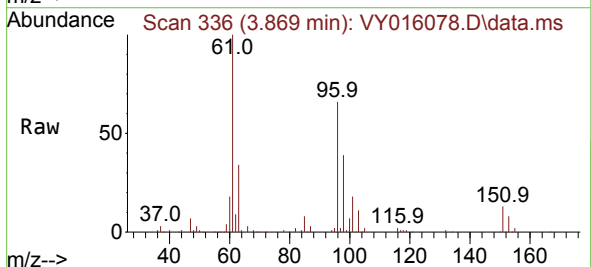
Instrument :
MSVOA_Y
ClientSampleId :

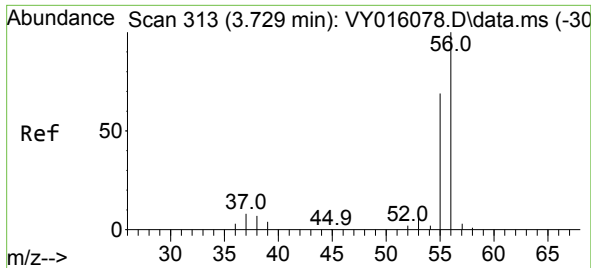
Tgt Ion: 59 Resp: 47654
Ion Ratio Lower Upper
59 100
57 8.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 51.093 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 96 Resp: 89305
Ion Ratio Lower Upper
96 100
61 152.2 136.4 204.6
98 59.1 49.4 74.2





#13

Acrolein

Concen: 235.540 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

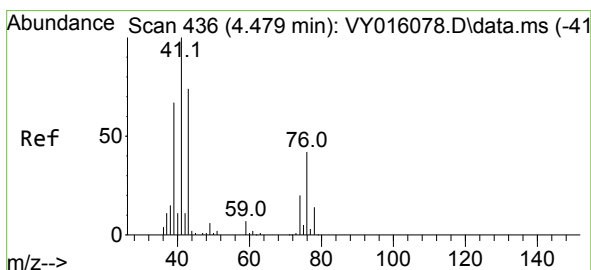
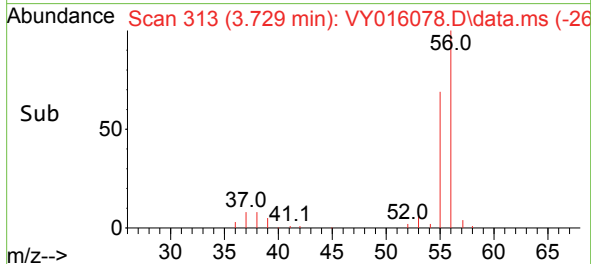
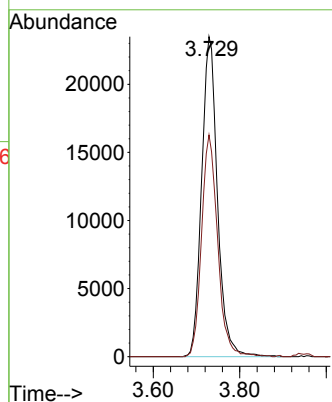
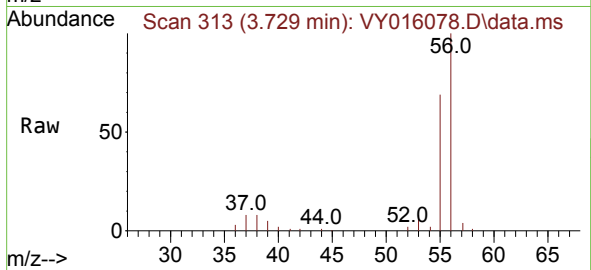
ClientSampleId :

Tgt Ion: 56 Resp: 59669

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 51.101 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

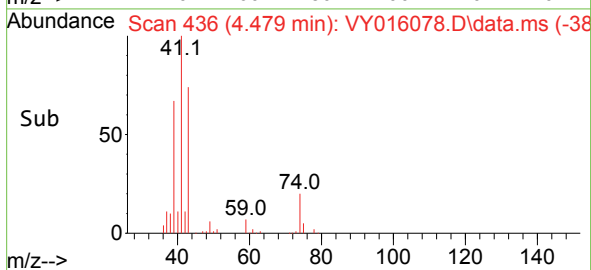
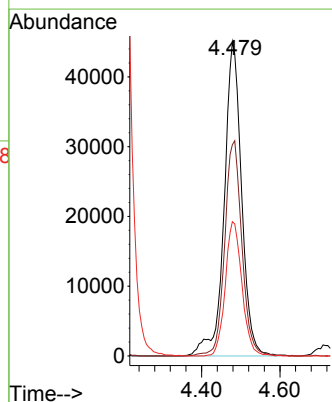
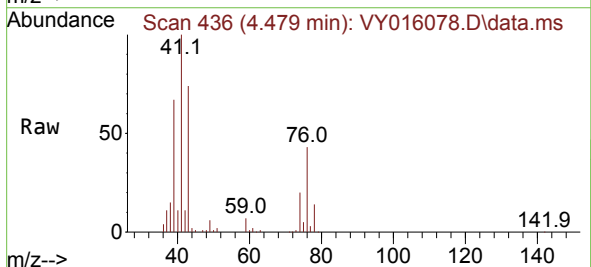
Tgt Ion: 41 Resp: 139625

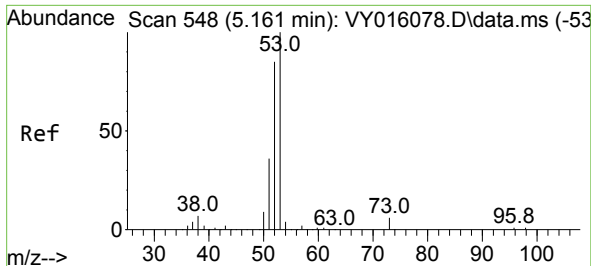
Ion Ratio Lower Upper

41 100

39 67.4 58.0 87.0

76 40.9 27.4 41.2

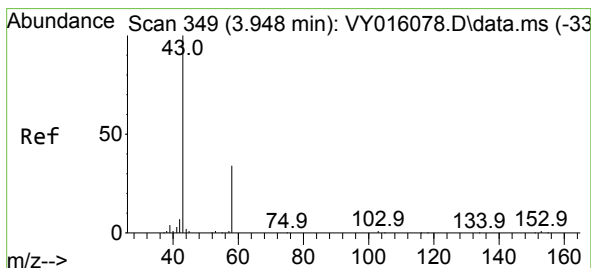
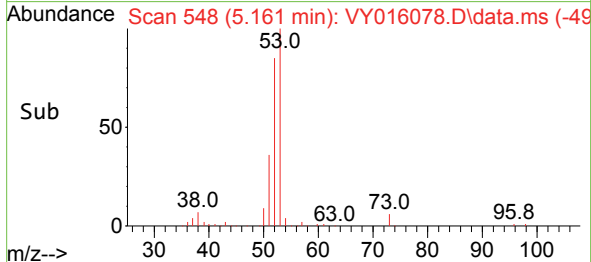
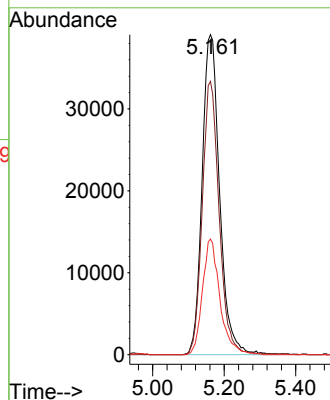
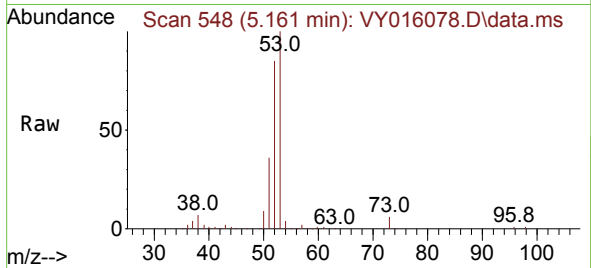




#15
Acrylonitrile
Concen: 255.705 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

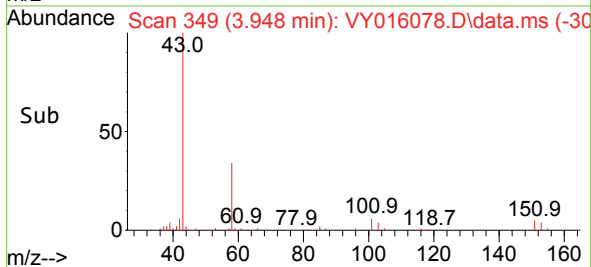
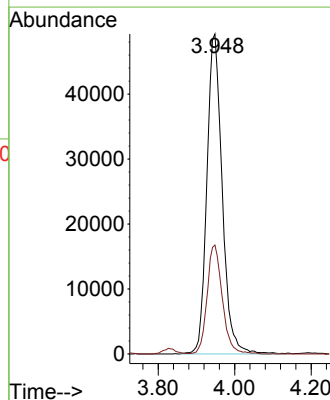
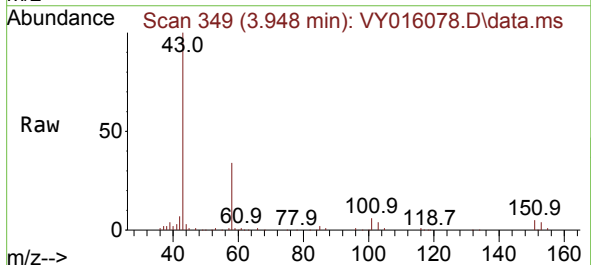
Instrument :
MSVOA_Y
ClientSampleId :

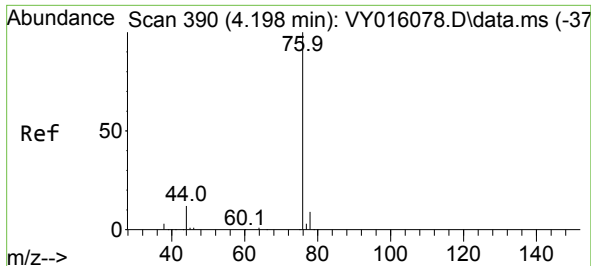
Tgt Ion: 53 Resp: 132963
Ion Ratio Lower Upper
53 100
52 82.0 66.9 100.3
51 36.2 29.8 44.6



#16
Acetone
Concen: 248.478 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 43 Resp: 136985
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1

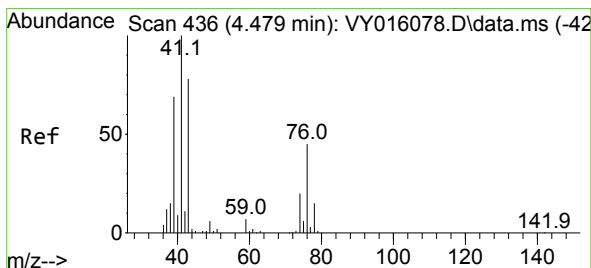
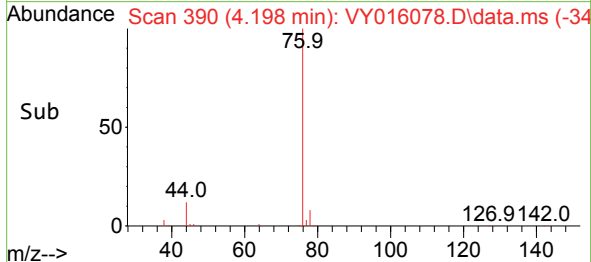
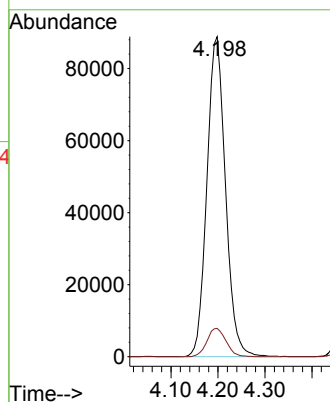
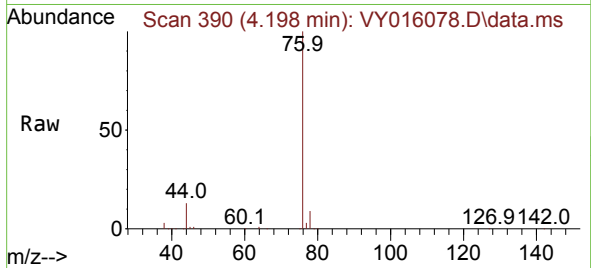




#17
Carbon Disulfide
Concen: 50.354 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

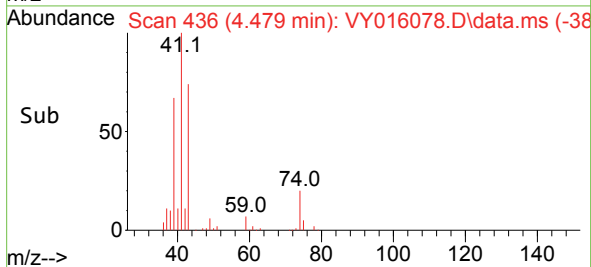
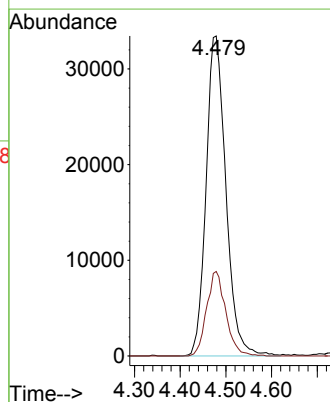
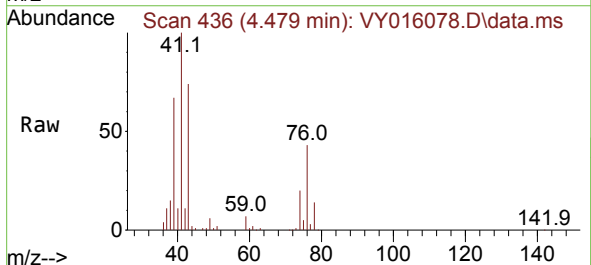
Instrument :
MSVOA_Y
ClientSampleId :

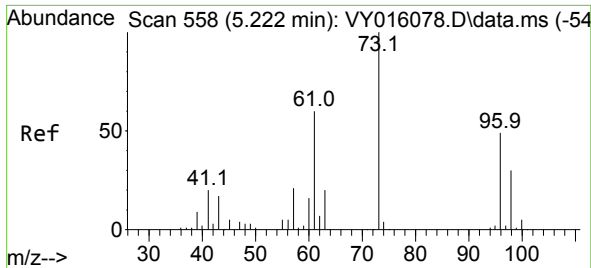
Tgt Ion: 76 Resp: 243456
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 51.698 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 43 Resp: 100768
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

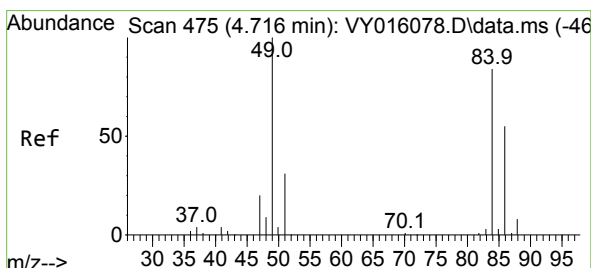
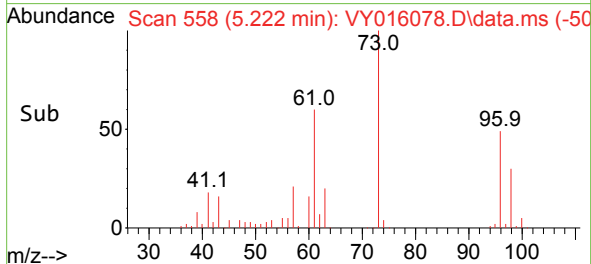
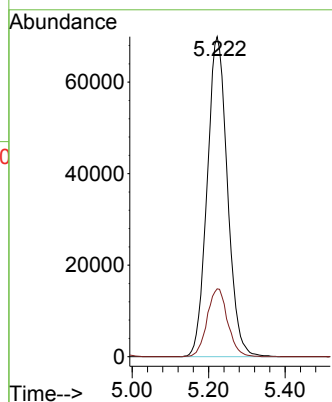
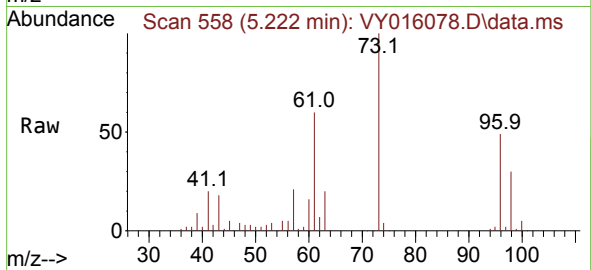




#19
Methyl tert-butyl Ether
Concen: 51.640 ug/l
RT: 5.222 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

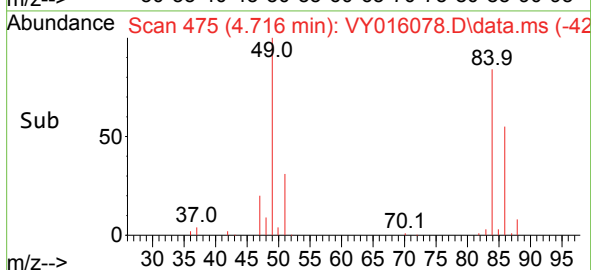
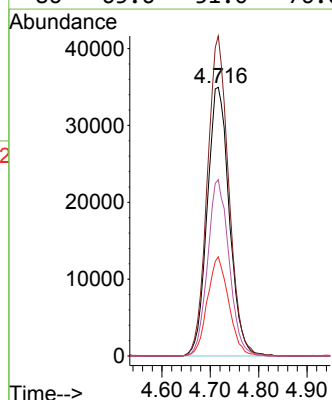
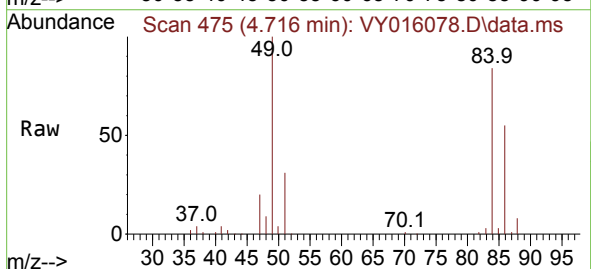
Instrument :
MSVOA_Y
ClientSampleId :

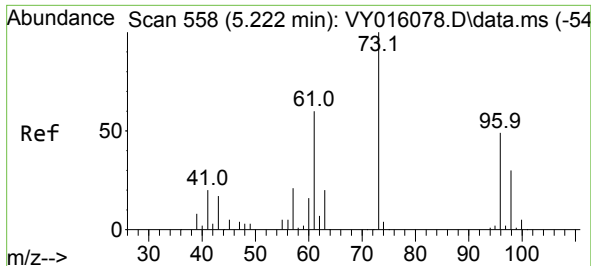
Tgt Ion: 73 Resp: 257403
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 51.917 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 84 Resp: 110950
Ion Ratio Lower Upper
84 100
49 119.1 106.9 160.3
51 36.9 33.2 49.8
86 65.6 51.0 76.6

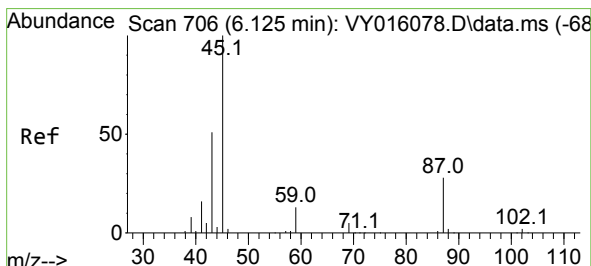
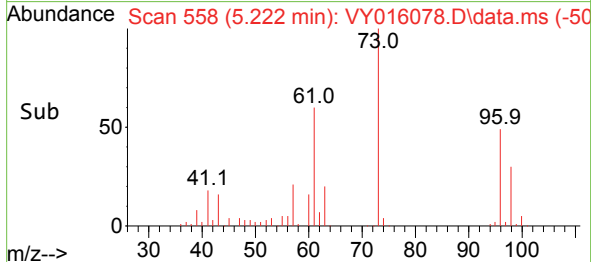
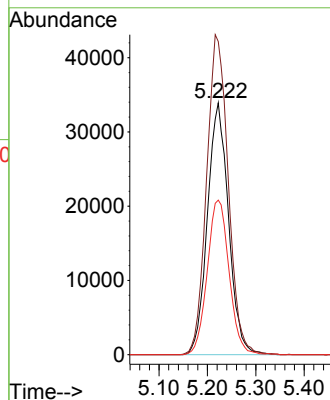
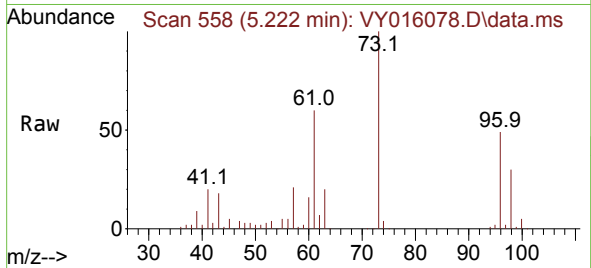




#21
trans-1,2-Dichloroethene
Concen: 50.757 ug/l
RT: 5.222 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

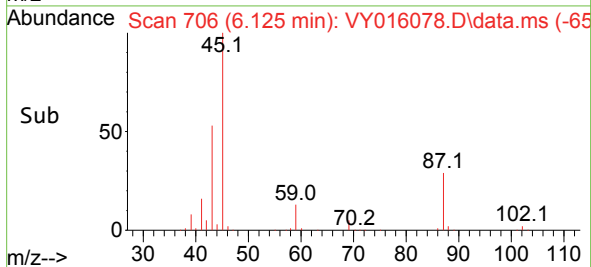
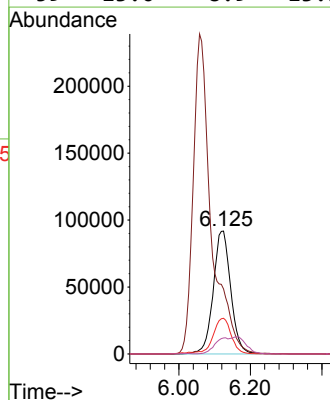
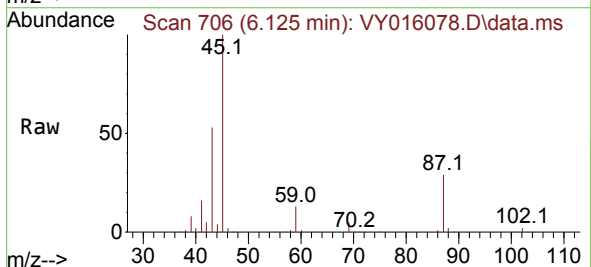
Instrument :
MSVOA_Y
ClientSampleId :

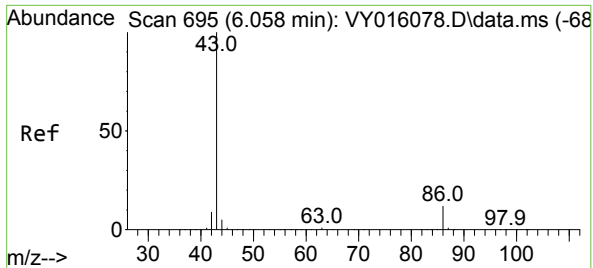
Tgt Ion: 96 Resp: 102840
Ion Ratio Lower Upper
96 100
61 124.3 110.2 165.4
98 61.3 51.8 77.6



#22
Diisopropyl ether
Concen: 52.163 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 45 Resp: 311654
Ion Ratio Lower Upper
45 100
43 52.5 52.2 78.4
87 29.0 21.0 31.6
59 13.0 8.9 13.3

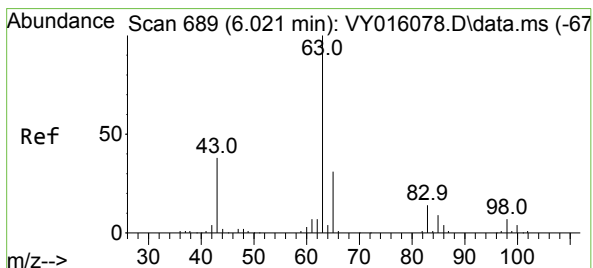
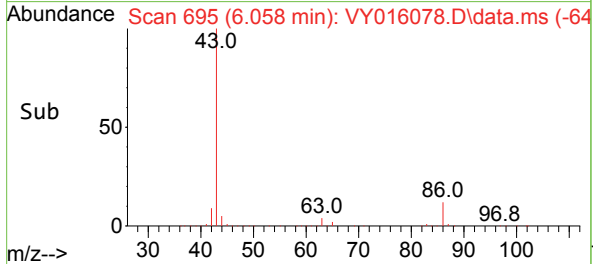
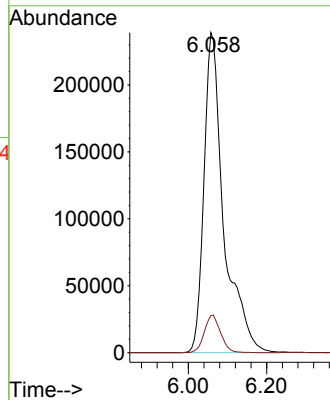
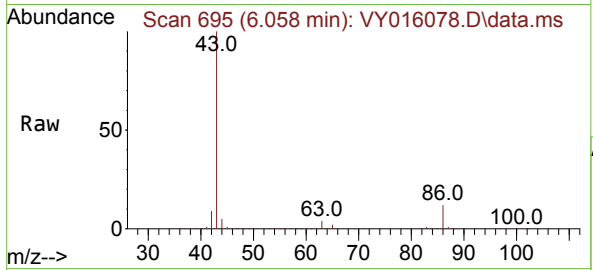




#23
 Vinyl Acetate
 Concen: 261.738 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

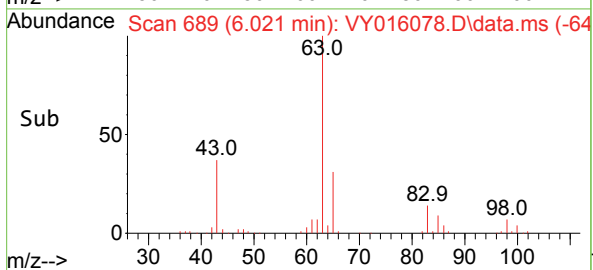
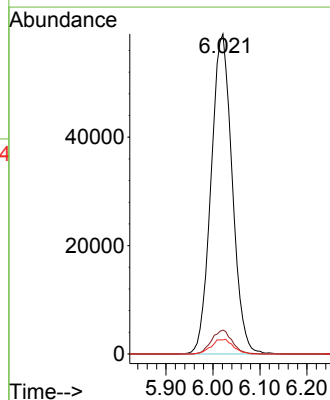
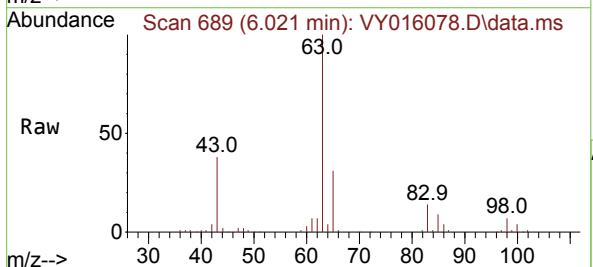
Instrument :
 MSVOA_Y
 ClientSampleId :

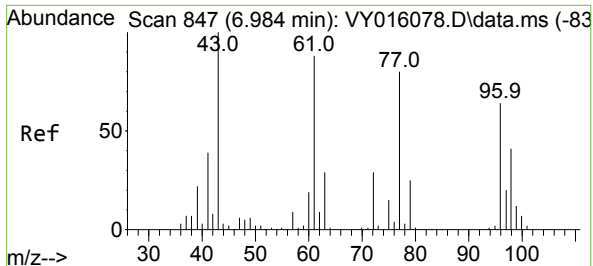
Tgt Ion: 43 Resp: 837851
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.130 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

Tgt Ion: 63 Resp: 184043
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.4 1.8 5.5

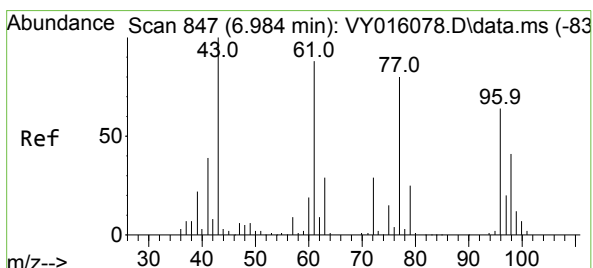
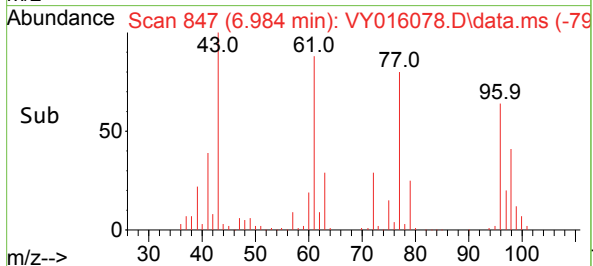
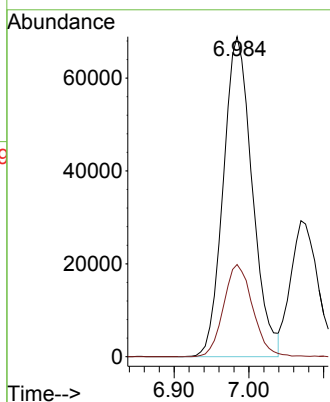
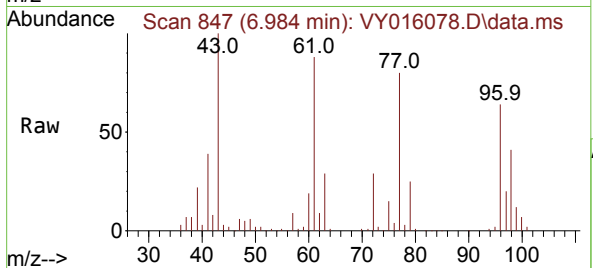




#25
2-Butanone
Concen: 249.729 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

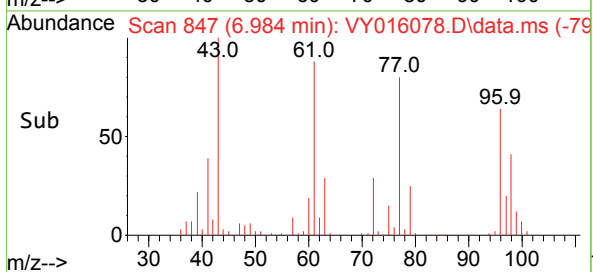
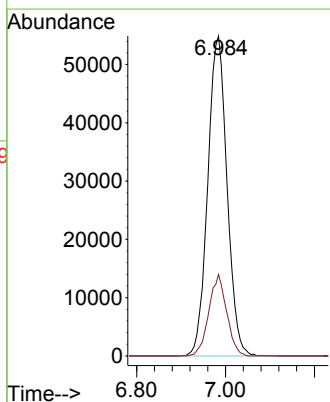
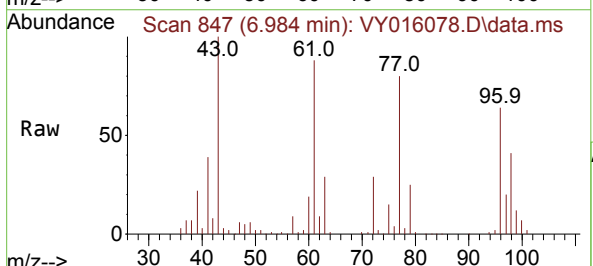
Instrument :
MSVOA_Y
ClientSampleId :

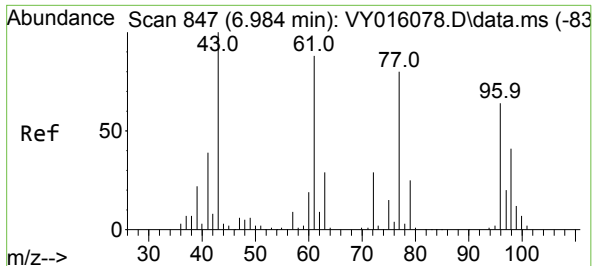
Tgt Ion: 43 Resp: 185813
Ion Ratio Lower Upper
43 100
72 28.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 49.380 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 77 Resp: 165231
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.555 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

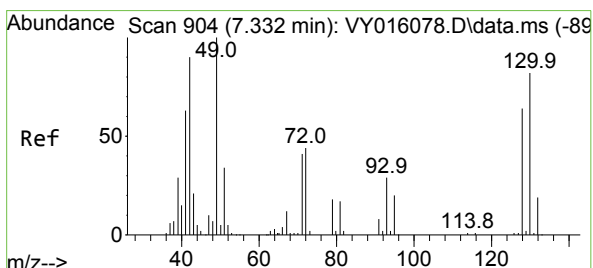
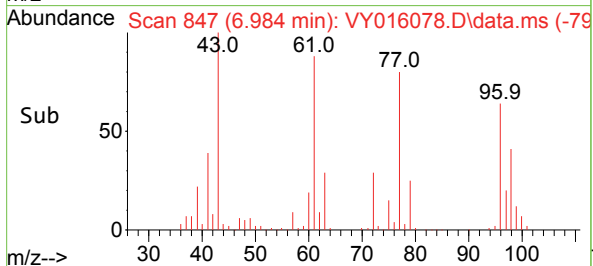
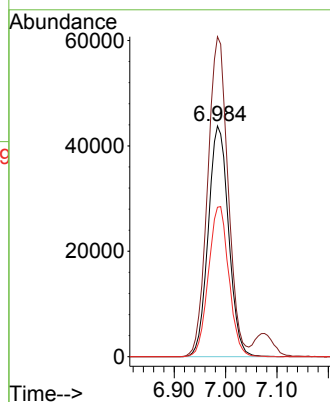
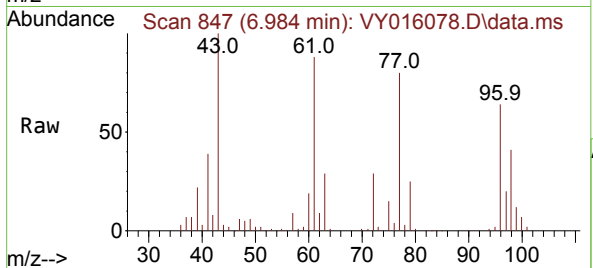
Tgt Ion: 96 Resp: 120292

Ion Ratio Lower Upper

96 100

61 139.1 0.0 301.4

98 65.2 0.0 130.4



#28

Bromochloromethane

Concen: 51.837 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

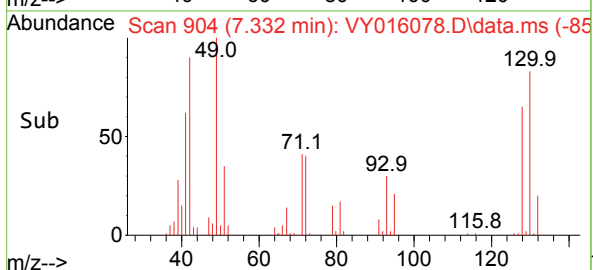
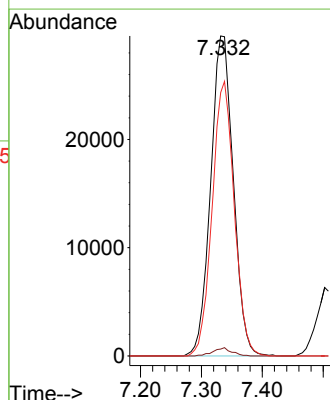
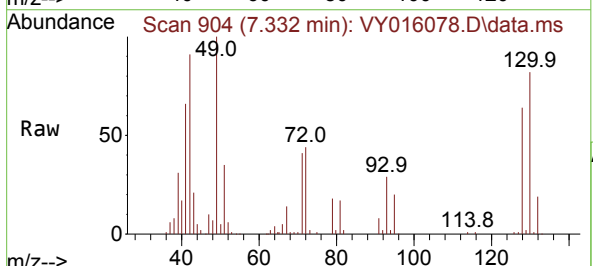
Tgt Ion: 49 Resp: 76333

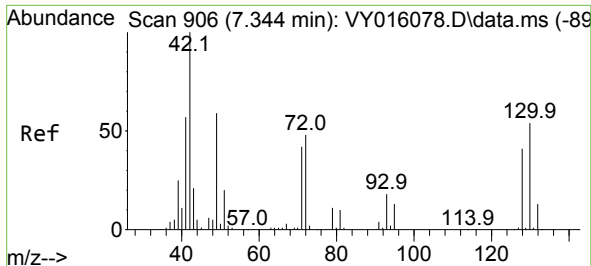
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 83.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 261.358 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

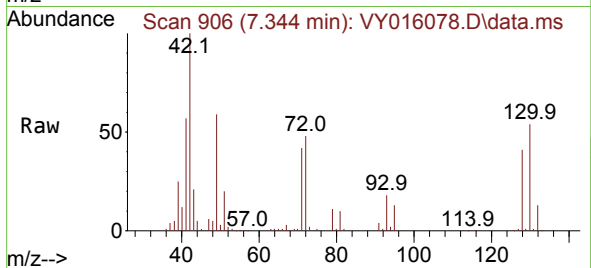
Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :



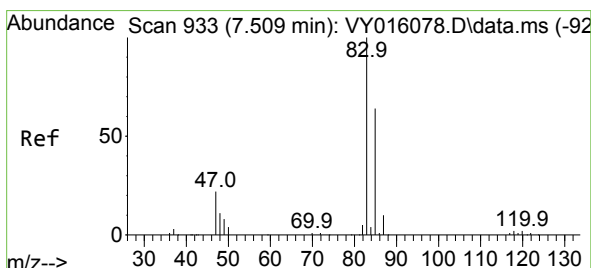
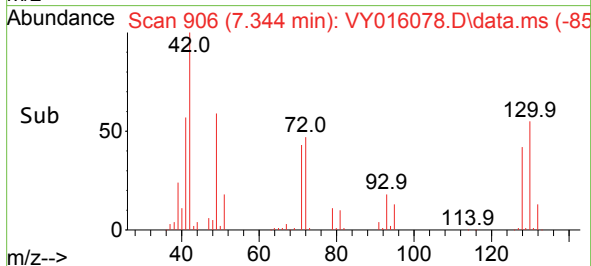
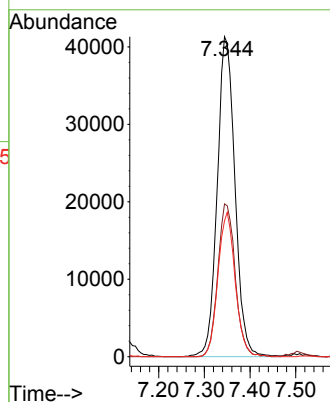
Tgt Ion: 42 Resp: 111577

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 43.8 31.0 46.4



#30

Chloroform

Concen: 50.724 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY016078.D

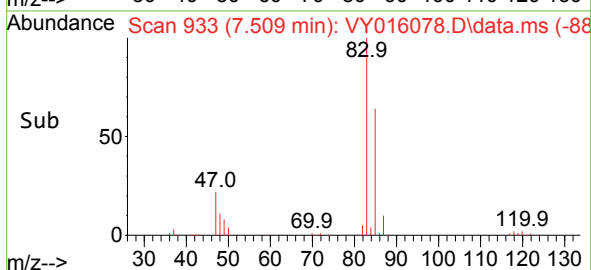
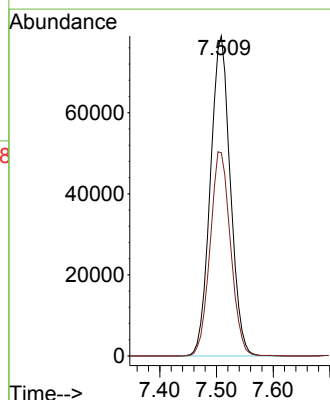
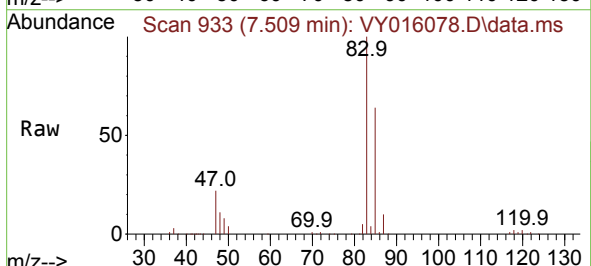
Acq: 26 Oct 2023 12:45

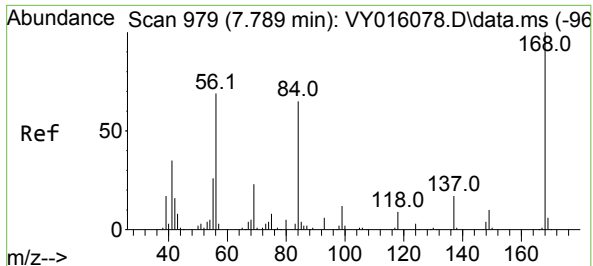
Tgt Ion: 83 Resp: 192872

Ion Ratio Lower Upper

83 100

85 63.5 49.7 74.5

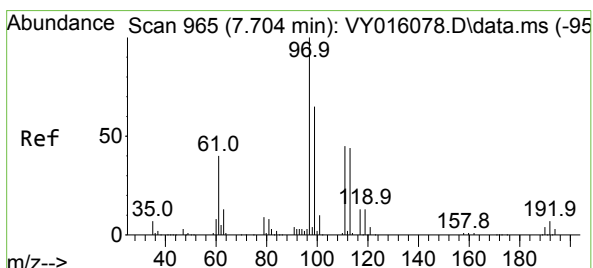
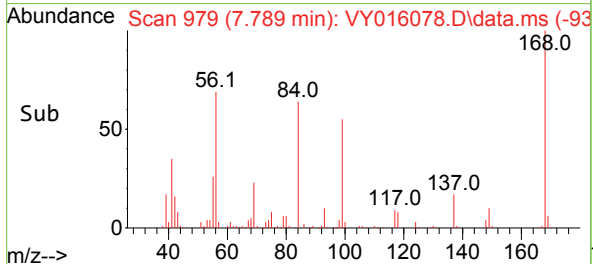
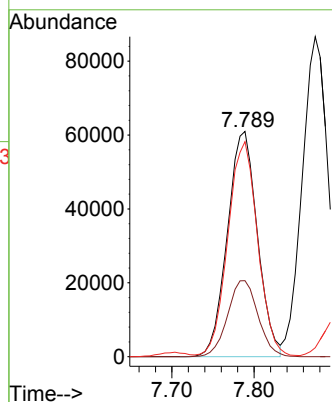
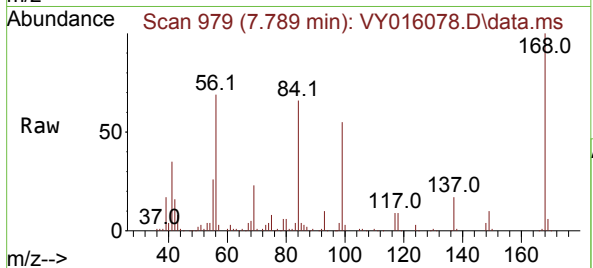




#31
Cyclohexane
Concen: 48.390 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

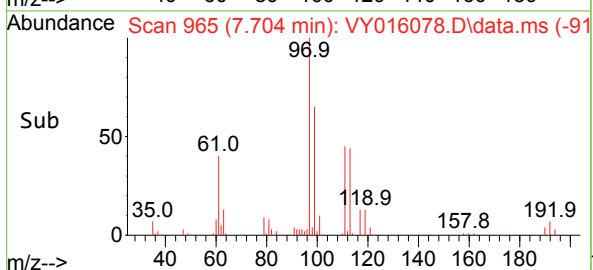
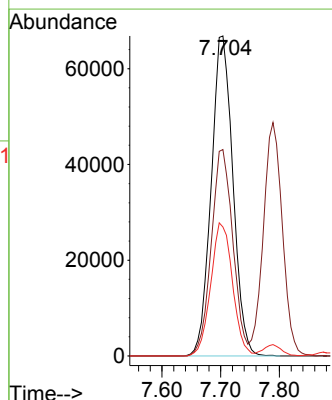
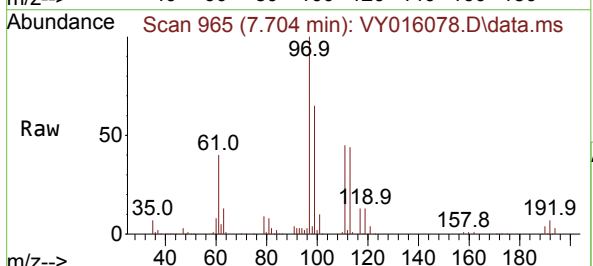
Instrument :
MSVOA_Y
ClientSampleId :

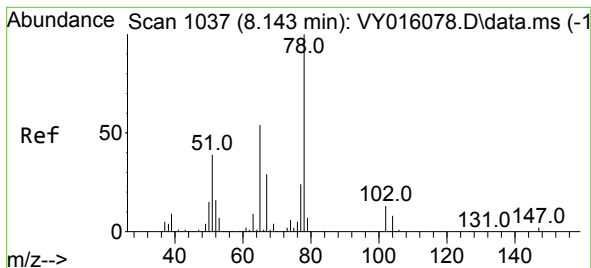
Tgt Ion: 56 Resp: 154842
Ion Ratio Lower Upper
56 100
69 33.8 27.8 41.6
84 93.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 50.286 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 97 Resp: 171508
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.8 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 50.529 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

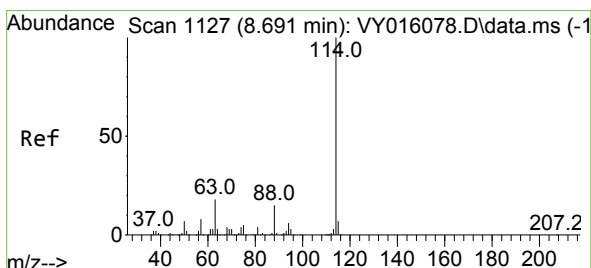
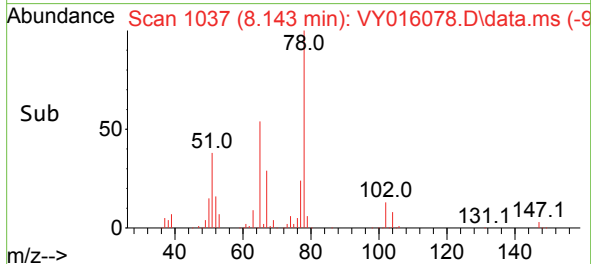
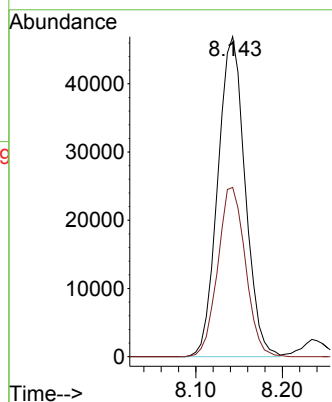
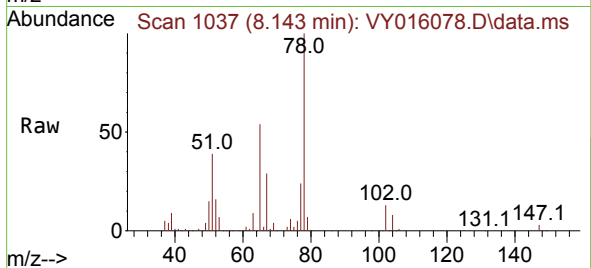
ClientSampleId :

Tgt Ion: 65 Resp: 102774

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

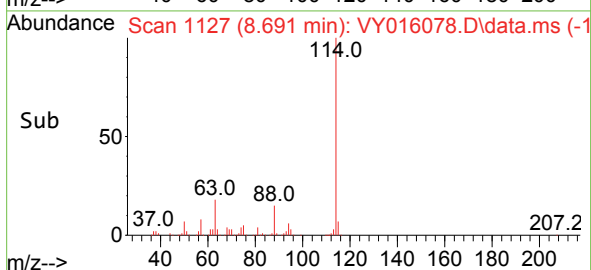
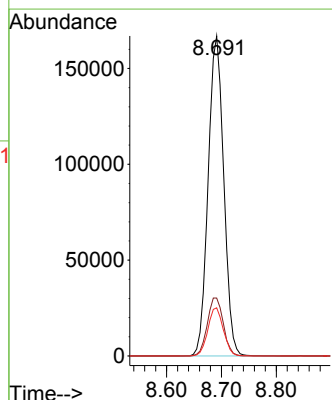
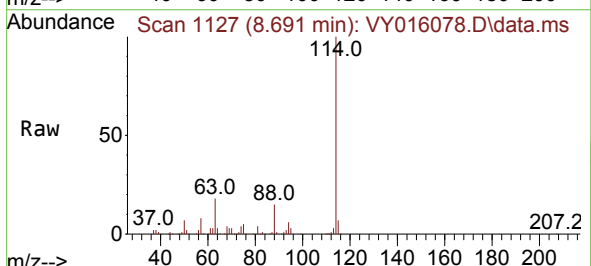
Tgt Ion: 114 Resp: 328257

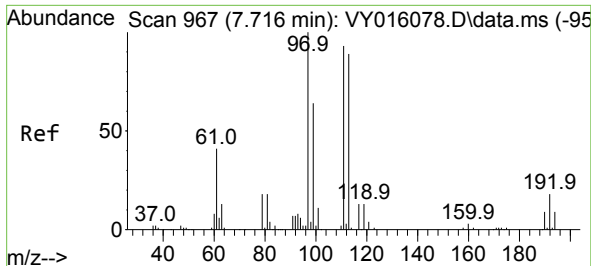
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

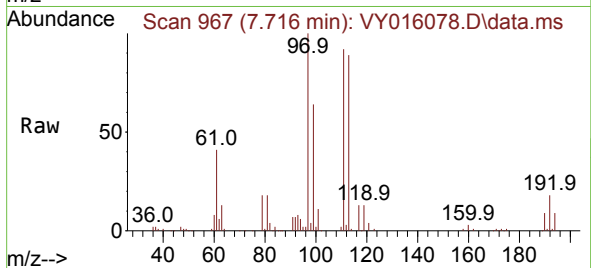
88 15.0 0.0 30.6



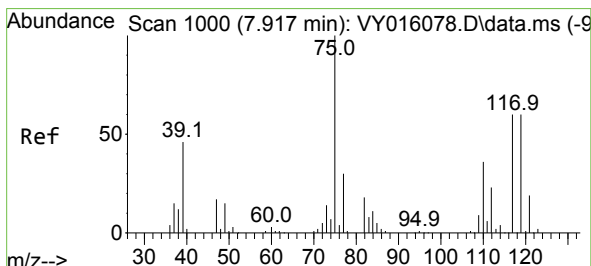
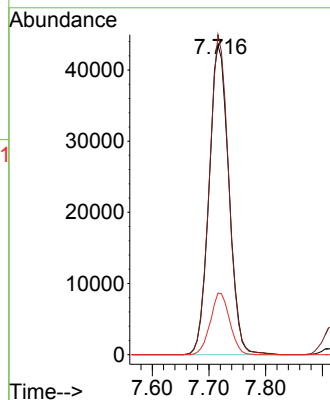
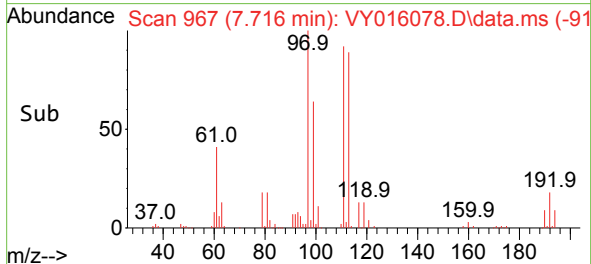


#35
Dibromofluoromethane
Concen: 50.923 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

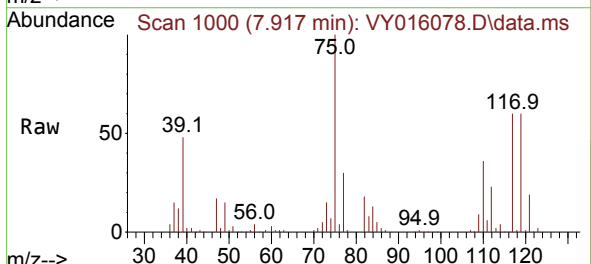
Instrument :
MSVOA_Y
ClientSampleId :



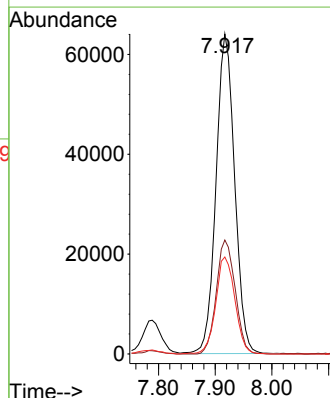
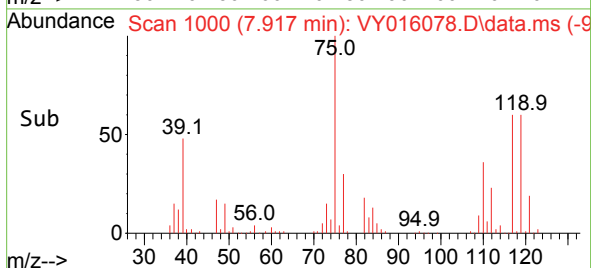
Tgt Ion:113 Resp: 105526
Ion Ratio Lower Upper
113 100
111 101.2 81.3 121.9
192 19.4 16.9 25.3

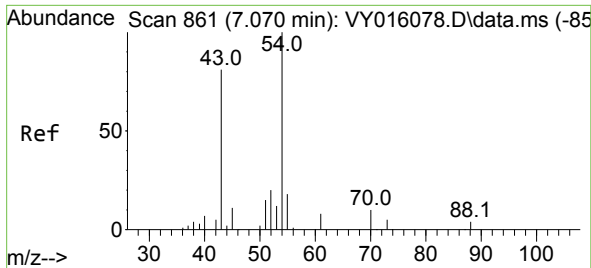


#36
1,1-Dichloropropene
Concen: 50.454 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45



Tgt Ion: 75 Resp: 145740
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 51.431 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY016078.D

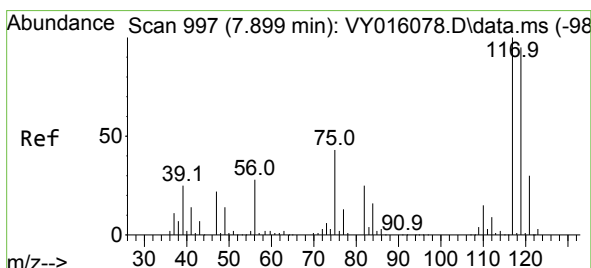
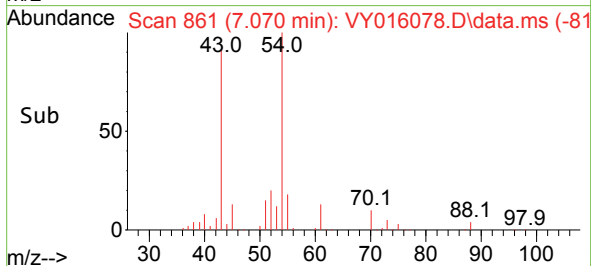
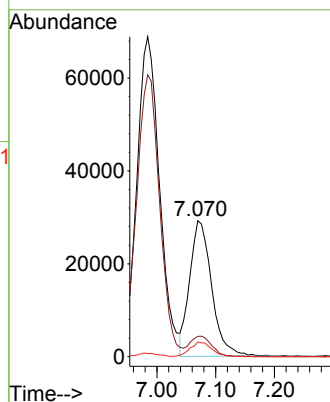
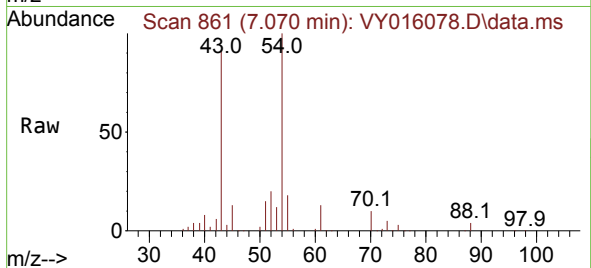
Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 76148
Ion Ratio	Lower Upper
43	100
61	15.3 10.1 15.1#
70	10.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 50.837 ug/l

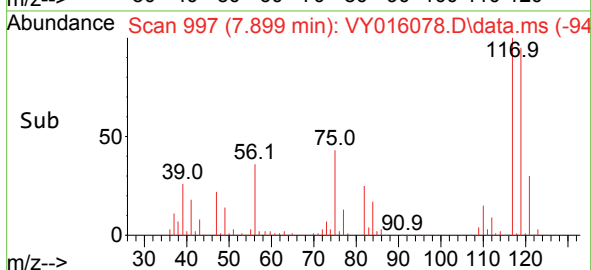
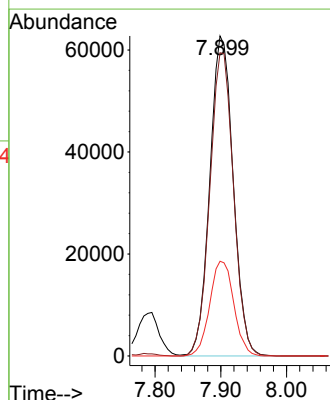
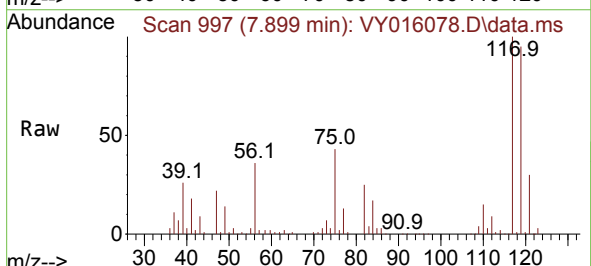
RT: 7.899 min Scan# 997

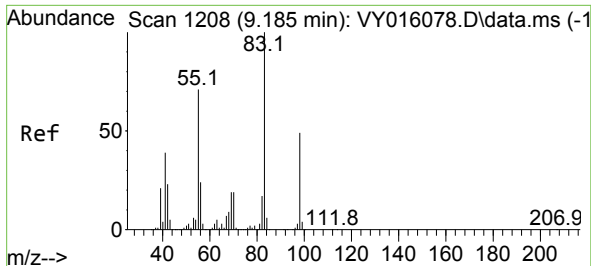
Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Tgt Ion: 117	Resp: 155289
Ion Ratio	Lower Upper
117	100
119	94.7 76.4 114.6
121	29.6 25.8 38.6





#39

Methylcyclohexane

Concen: 51.046 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

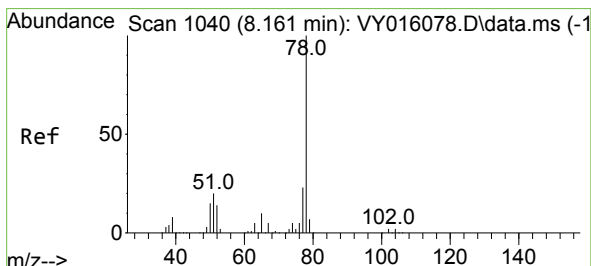
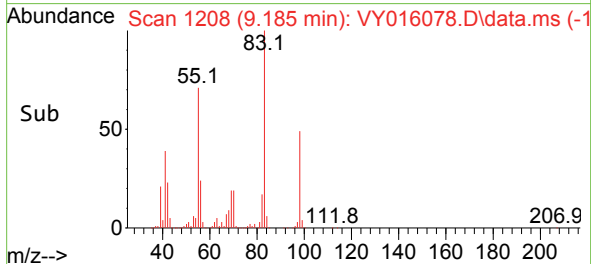
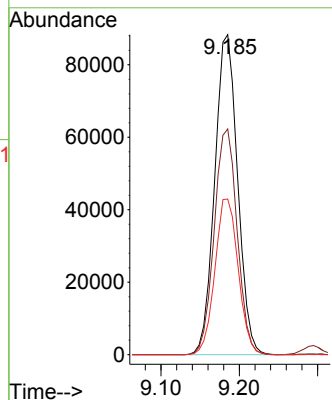
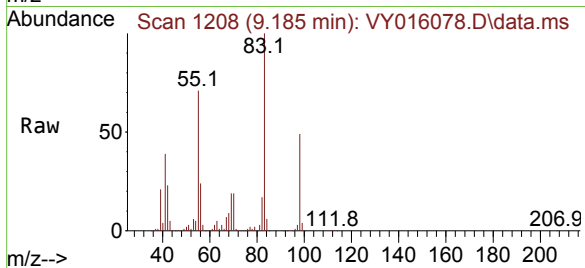
Tgt Ion: 83 Resp: 179632

Ion Ratio Lower Upper

83 100

55 70.6 63.0 94.4

98 48.6 37.4 56.2



#40

Benzene

Concen: 51.279 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY016078.D

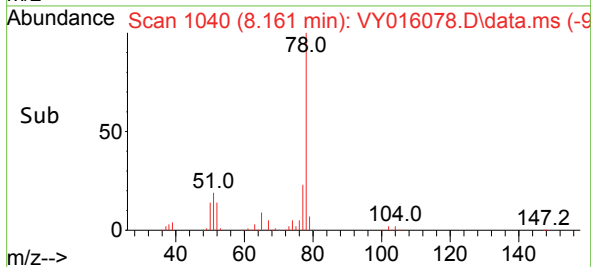
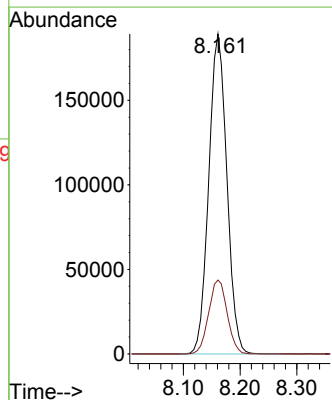
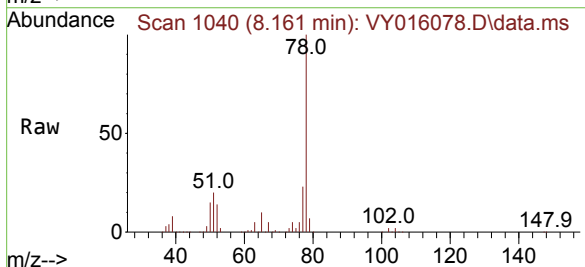
Acq: 26 Oct 2023 12:45

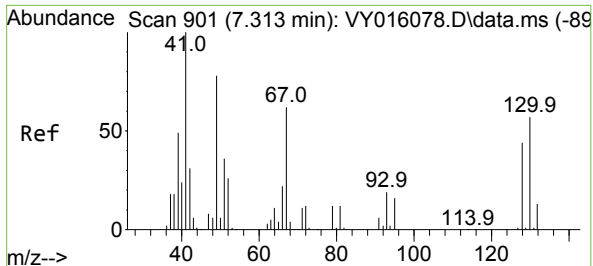
Tgt Ion: 78 Resp: 419372

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

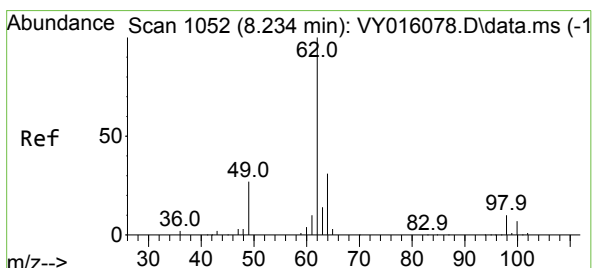
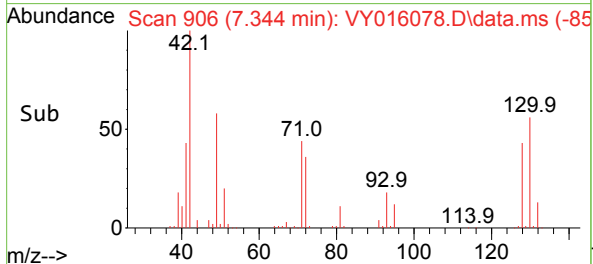
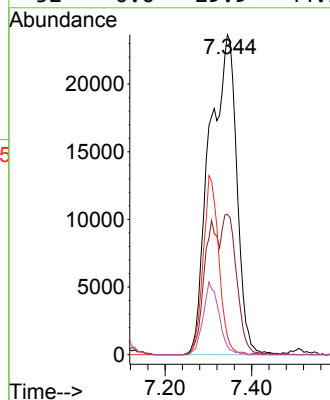
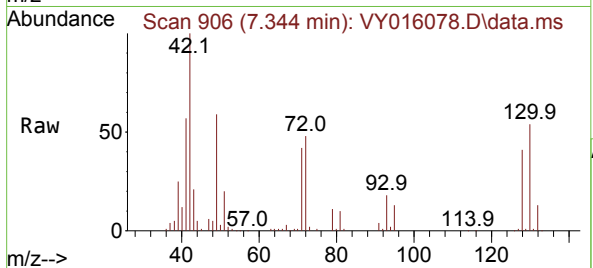




#41
Methacrylonitrile
Concen: 133.073 ug/l
RT: 7.344 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

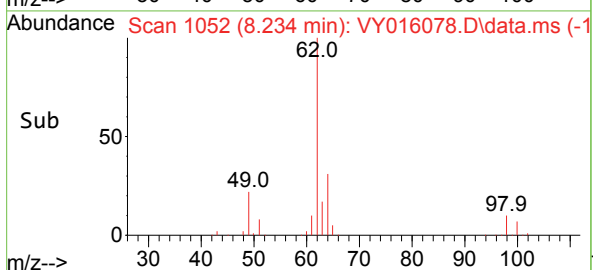
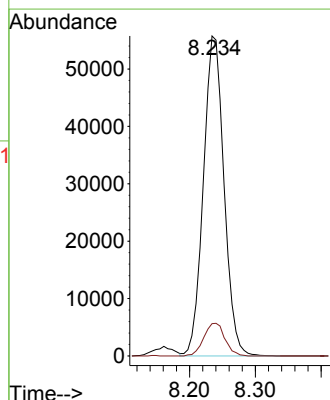
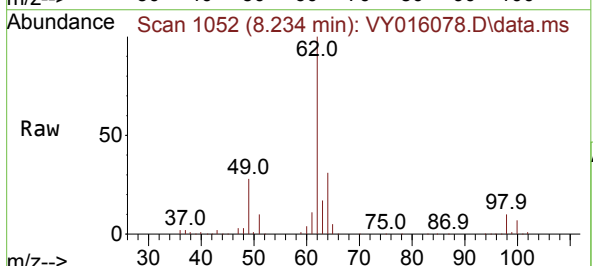
Instrument :
MSVOA_Y
ClientSampleId :

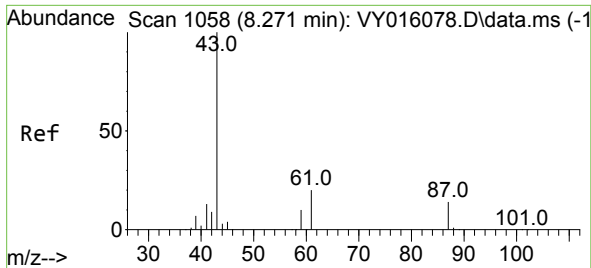
Tgt Ion: 41 Resp: 103113
Ion Ratio Lower Upper
41 100
39 23.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 51.538 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 62 Resp: 121790
Ion Ratio Lower Upper
62 100
98 10.4 0.0 15.8

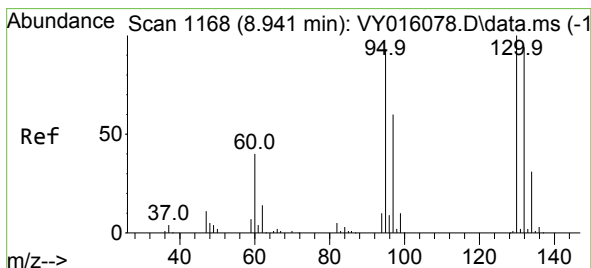
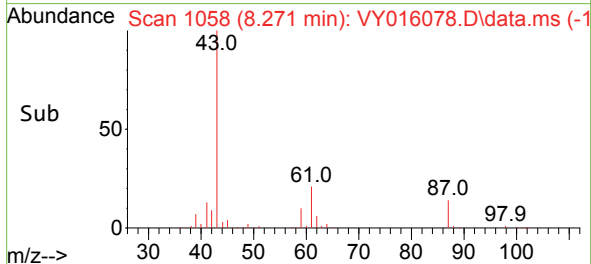
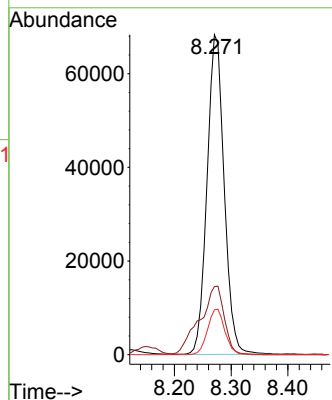
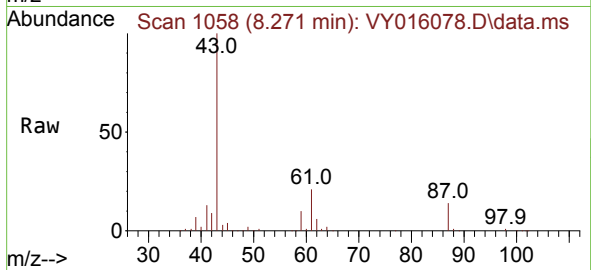




#43
Isopropyl Acetate
Concen: 51.783 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

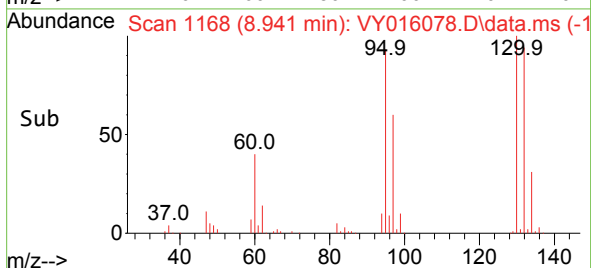
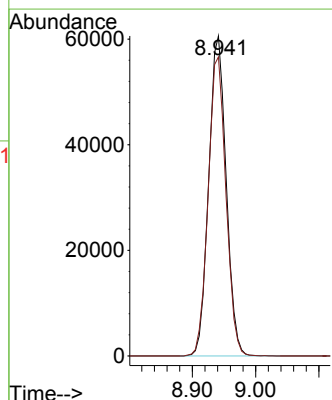
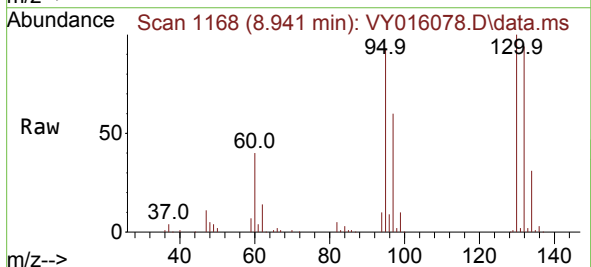
Instrument :
MSVOA_Y
ClientSampleId :

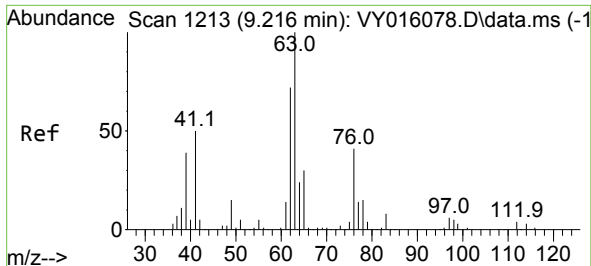
Tgt Ion: 43 Resp: 143351
Ion Ratio Lower Upper
43 100
61 30.7 21.1 31.7
87 14.3 9.8 14.8



#44
Trichloroethene
Concen: 50.946 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion:130 Resp: 116342
Ion Ratio Lower Upper
130 100
95 93.4 0.0 196.0

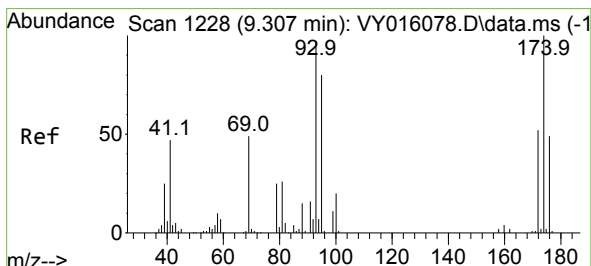
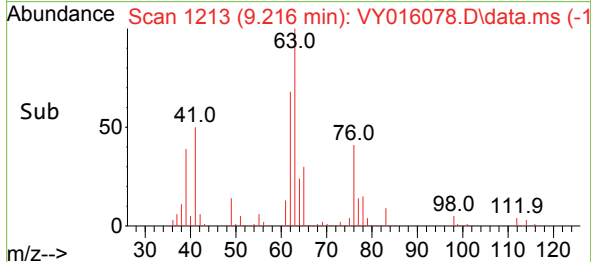
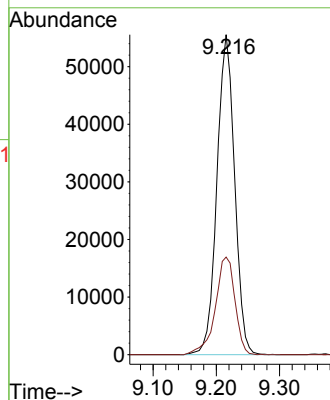
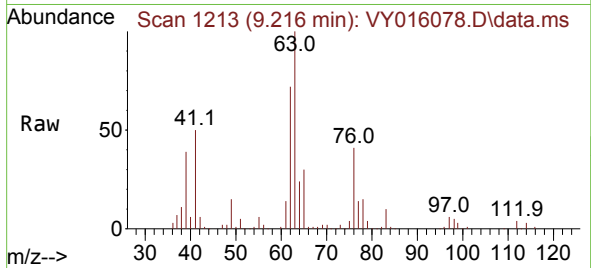




#45
1,2-Dichloropropane
Concen: 51.886 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

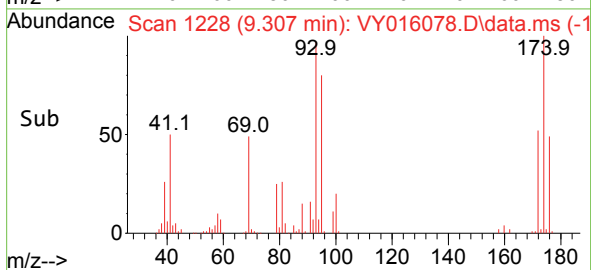
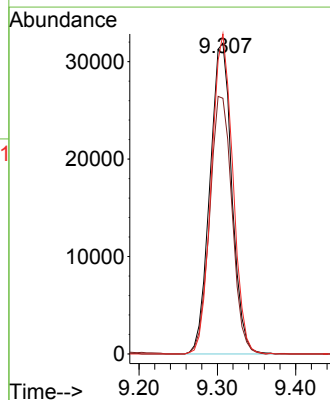
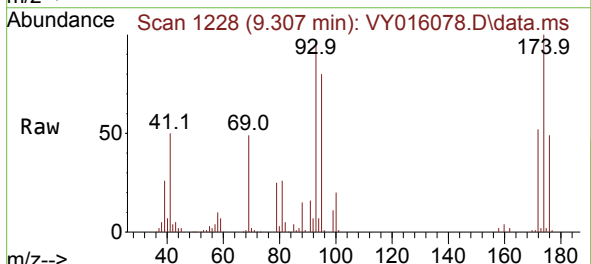
Instrument :
MSVOA_Y
ClientSampleId :

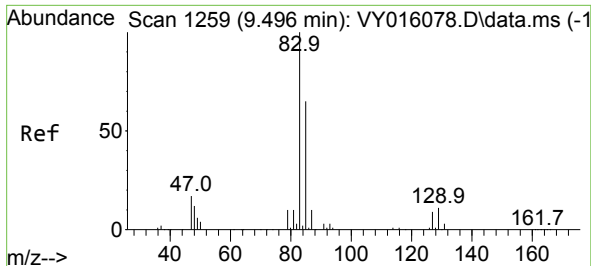
Tgt Ion: 63 Resp: 107397
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 51.245 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 93 Resp: 62194
Ion Ratio Lower Upper
93 100
95 84.1 66.6 100.0
174 100.3 84.8 127.2





#47

Bromodichloromethane

Concen: 51.826 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

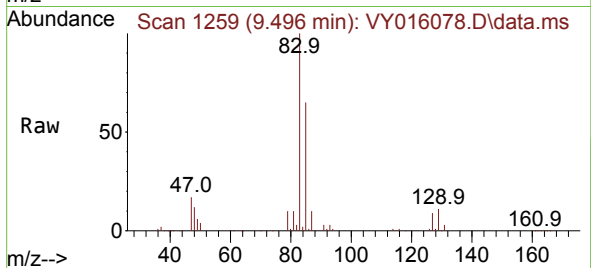
Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :



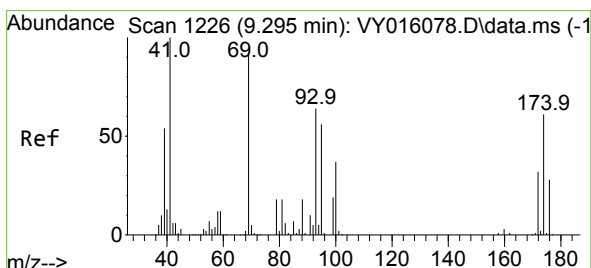
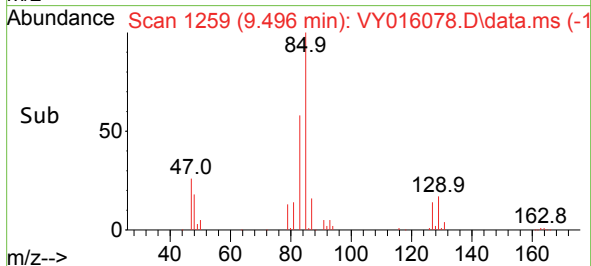
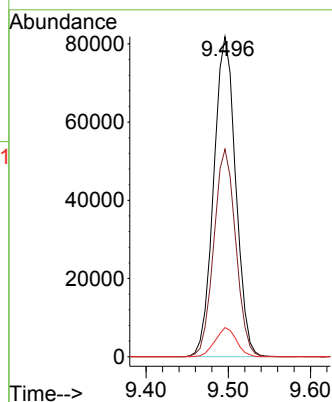
Tgt Ion: 83 Resp: 152118

Ion Ratio Lower Upper

83 100

85 64.8 50.1 75.1

127 9.1 7.1 10.7



#48

Methyl methacrylate

Concen: 52.851 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

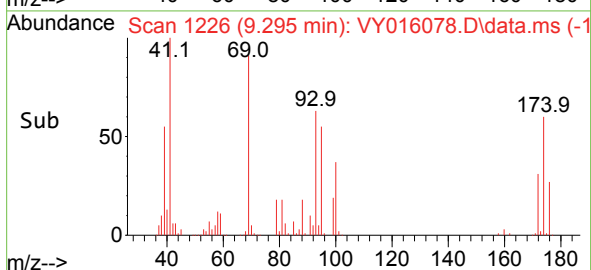
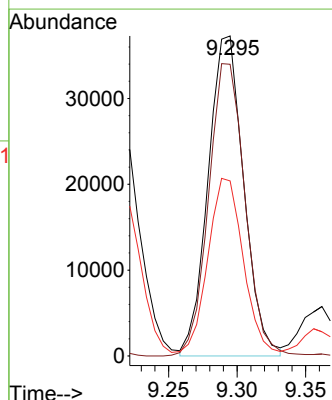
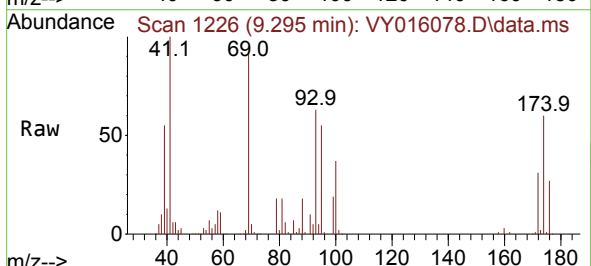
Tgt Ion: 41 Resp: 67404

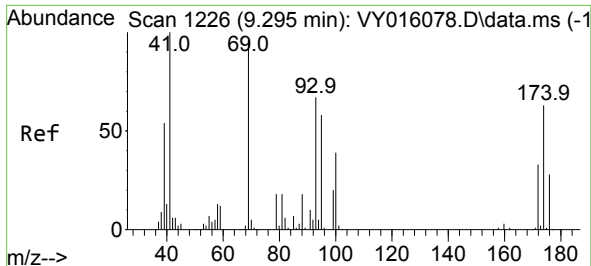
Ion Ratio Lower Upper

41 100

69 93.5 64.5 96.7

39 53.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1026.379 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

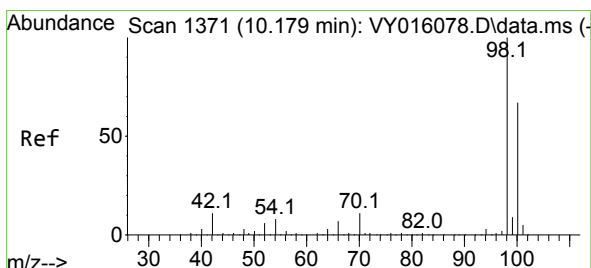
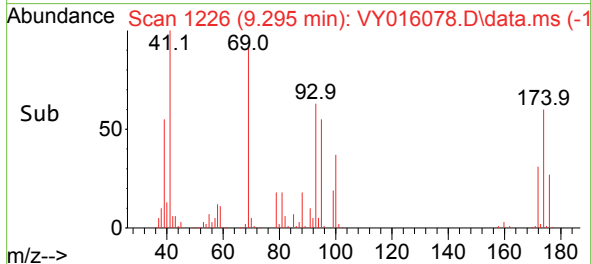
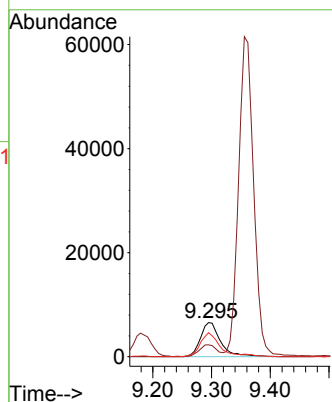
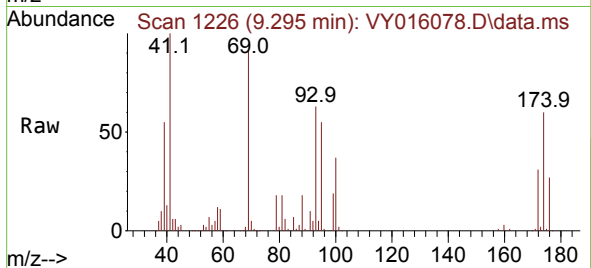
Tgt Ion: 88 Resp: 15585

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 65.9 30.9 46.3#



#50

Toluene-d8

Concen: 51.555 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016078.D

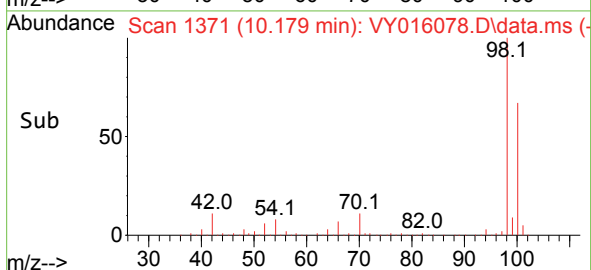
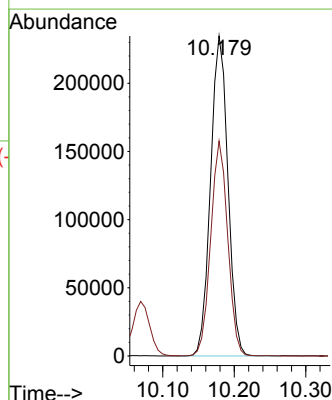
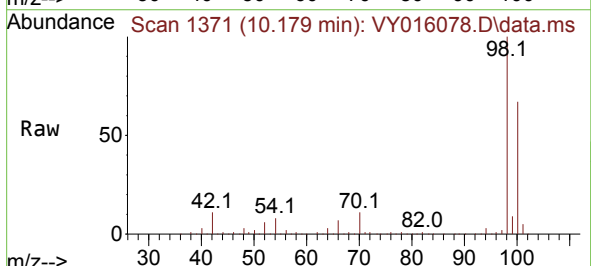
Acq: 26 Oct 2023 12:45

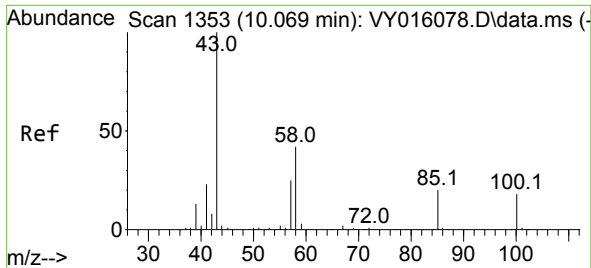
Tgt Ion: 98 Resp: 395735

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

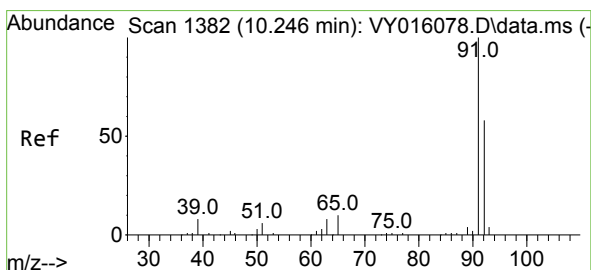
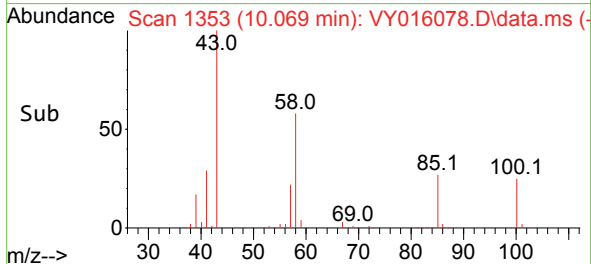
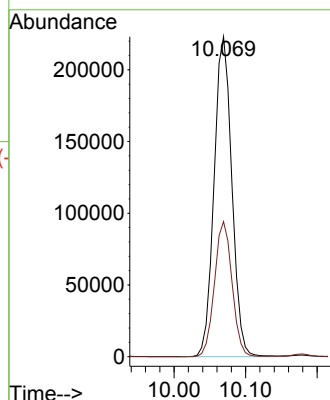
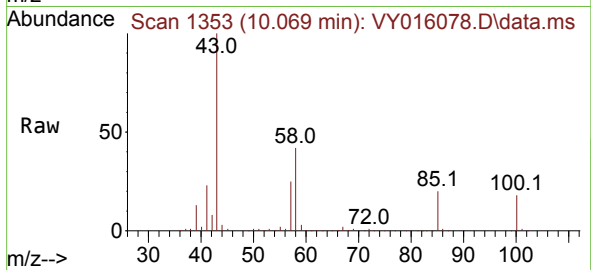




#51
4-Methyl-2-Pentanone
Concen: 263.648 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

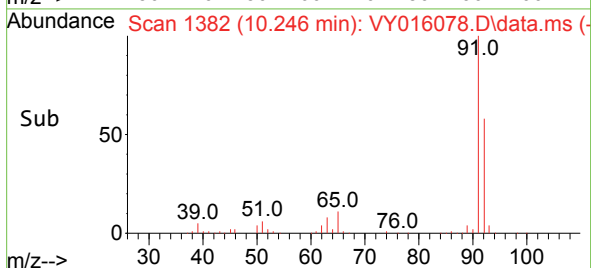
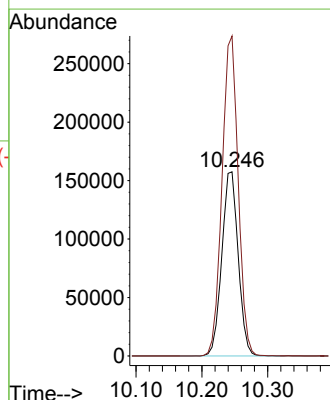
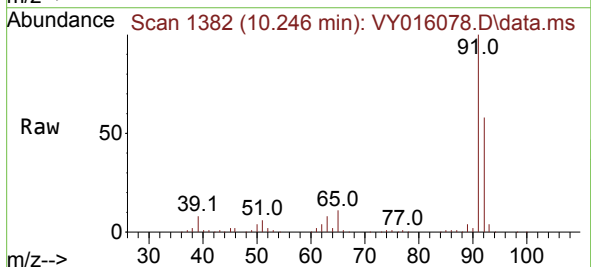
Instrument :
MSVOA_Y
ClientSampleId :

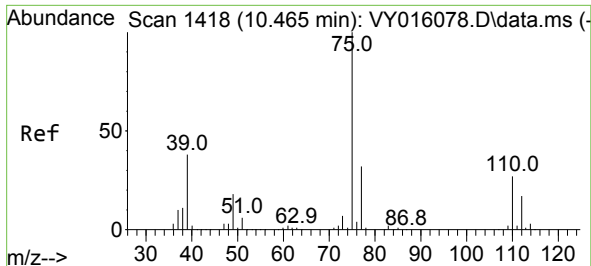
Tgt Ion: 43 Resp: 385119
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6



#52
Toluene
Concen: 51.888 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 92 Resp: 272495
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

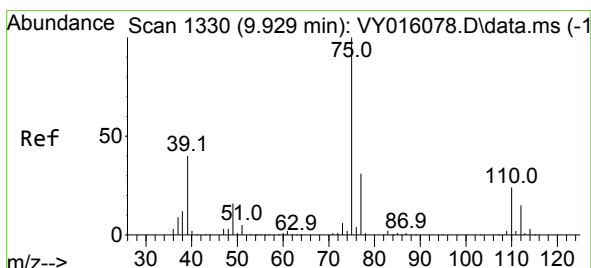
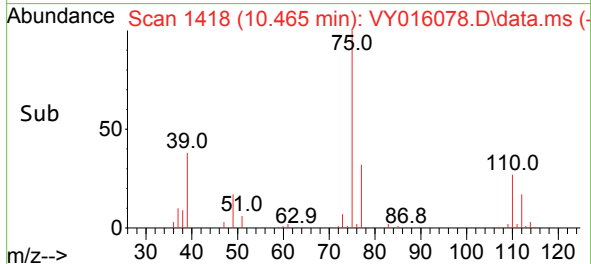
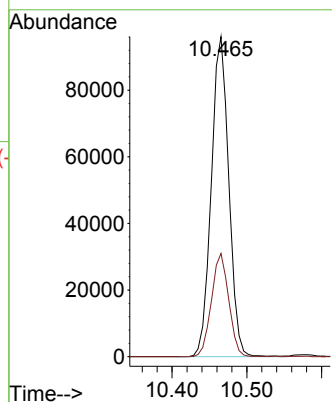
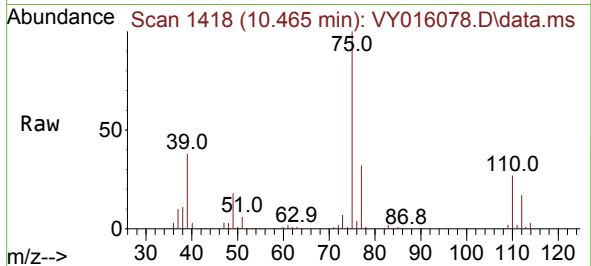




#53
 t-1,3-Dichloropropene
 Concen: 52.006 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

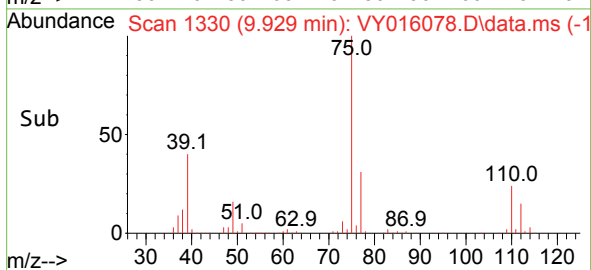
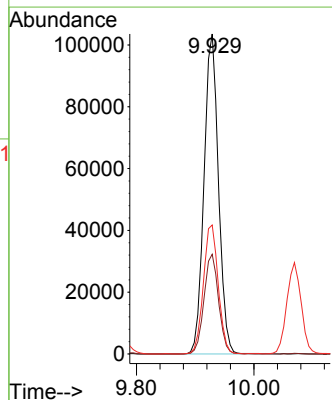
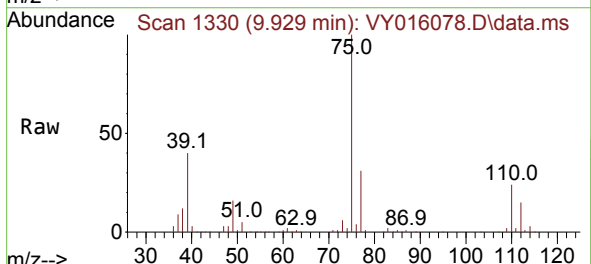
Instrument :
 MSVOA_Y
 ClientSampleId :

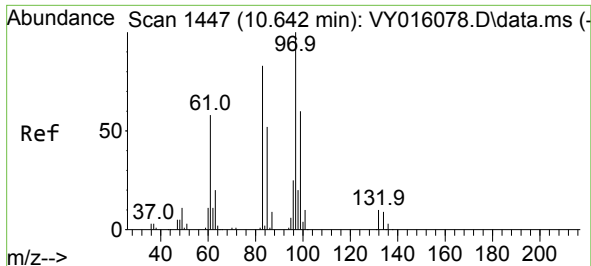
Tgt Ion: 75 Resp: 156094
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.169 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

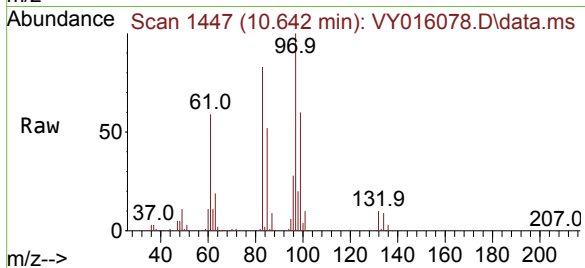
Tgt Ion: 75 Resp: 177077
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 40.3 42.2 63.4#



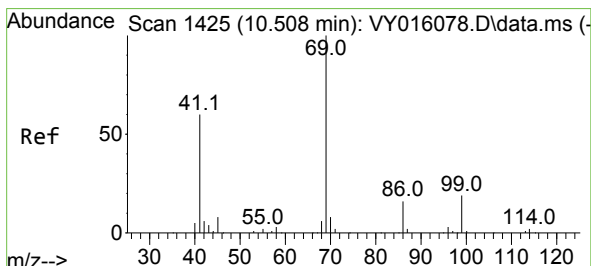
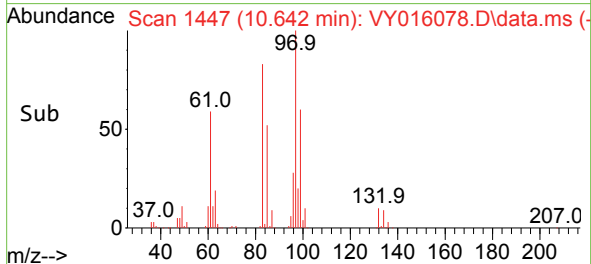
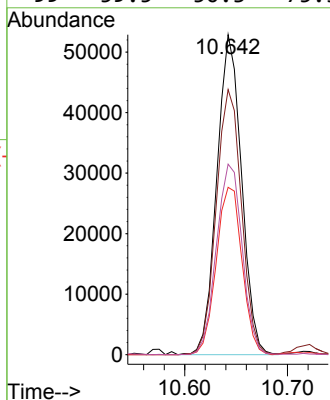


#55
1,1,2-Trichloroethane
Concen: 51.146 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Instrument :
MSVOA_Y
ClientSampleId :

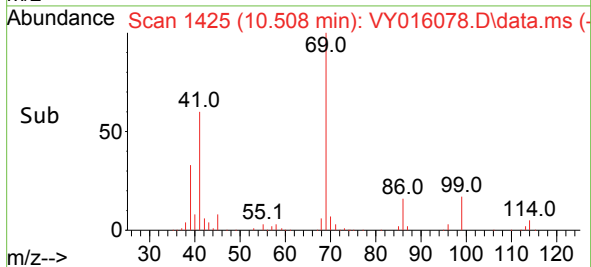
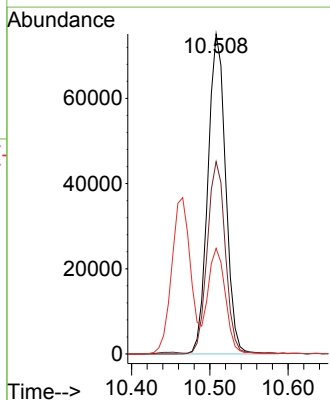
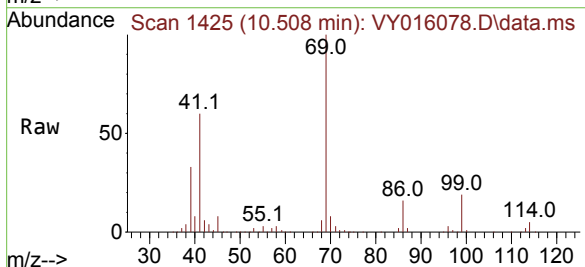


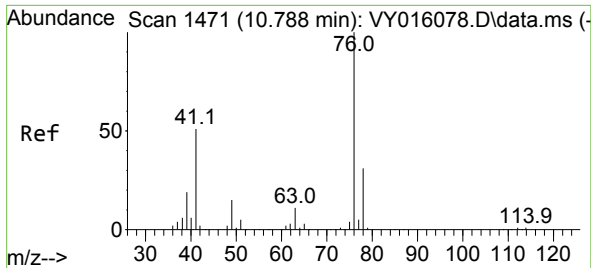
Tgt Ion:	97	Resp:	88195
Ion	Ratio	Lower	Upper
97	100		
83	82.8	72.0	108.0
85	52.3	45.4	68.0
99	59.5	50.3	75.5



#56
Ethyl methacrylate
Concen: 53.366 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion:	69	Resp:	118265
Ion	Ratio	Lower	Upper
69	100		
41	60.6	57.6	86.4
39	31.6	34.1	51.1#

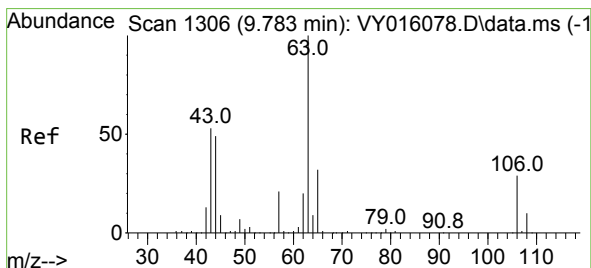
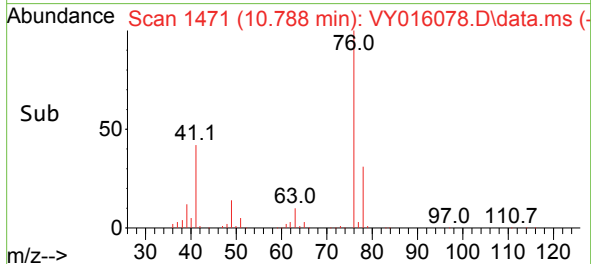
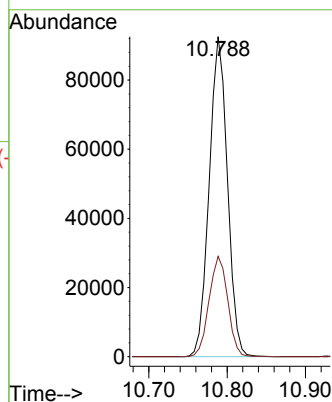
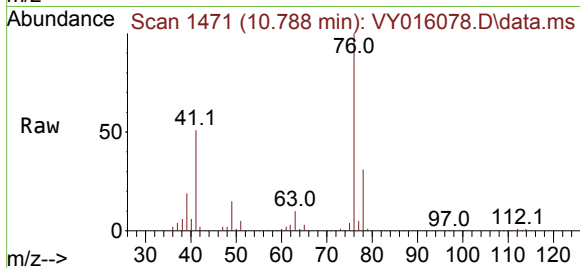




#57
1,3-Dichloropropane
Concen: 51.791 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

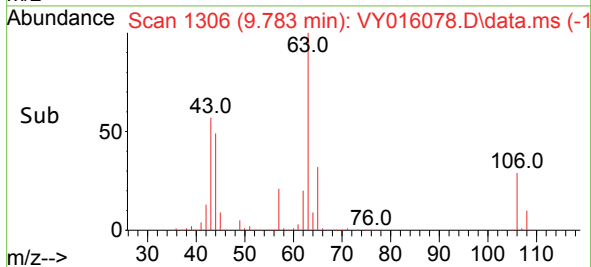
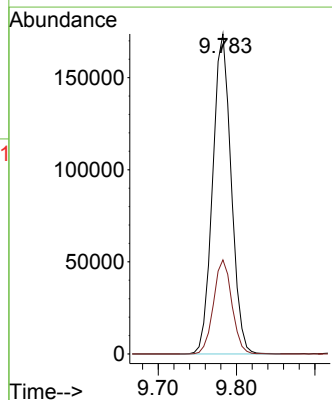
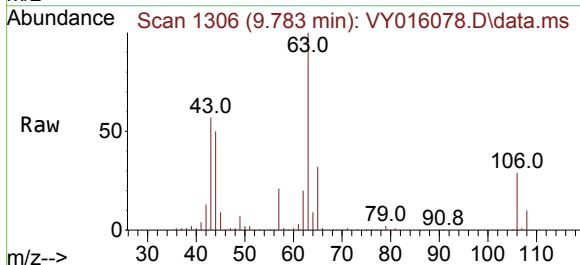
Instrument :
MSVOA_Y
ClientSampleId :

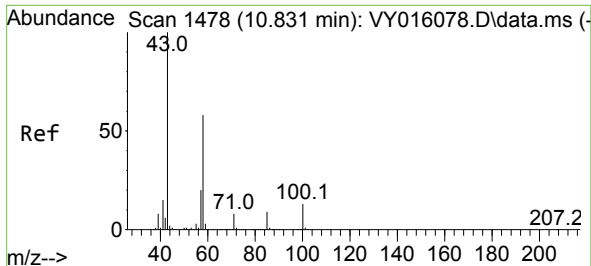
Tgt Ion: 76 Resp: 149290
Ion Ratio Lower Upper
76 100
78 32.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 258.490 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 63 Resp: 285179
Ion Ratio Lower Upper
63 100
106 29.1 21.2 31.8

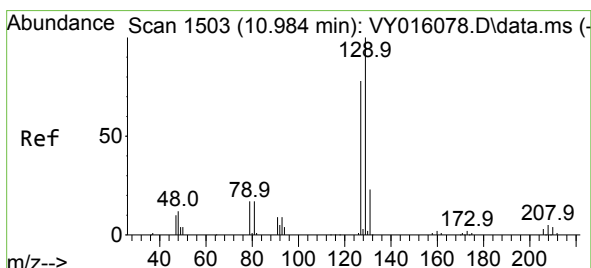
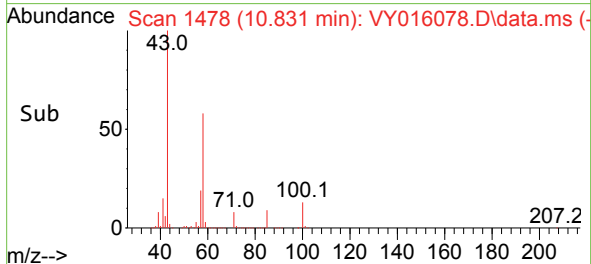
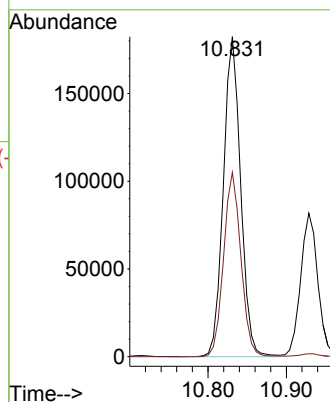
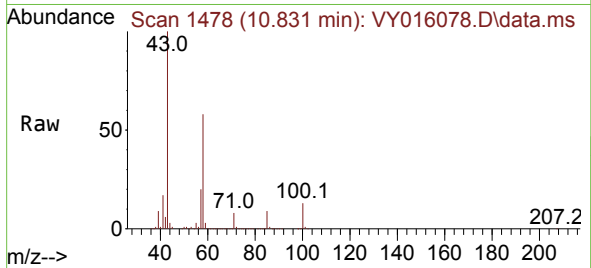




#59
2-Hexanone
Concen: 260.429 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

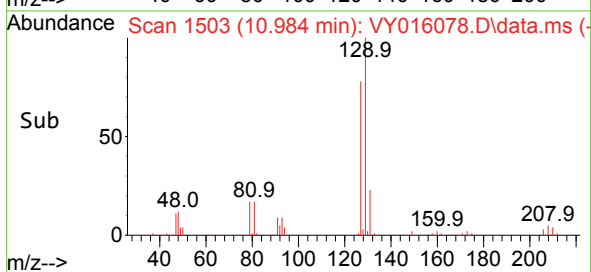
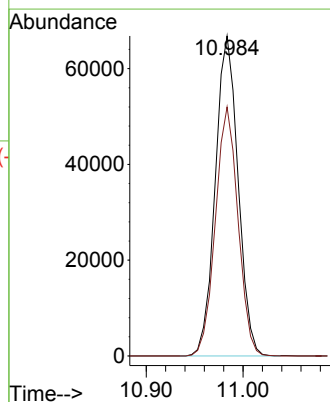
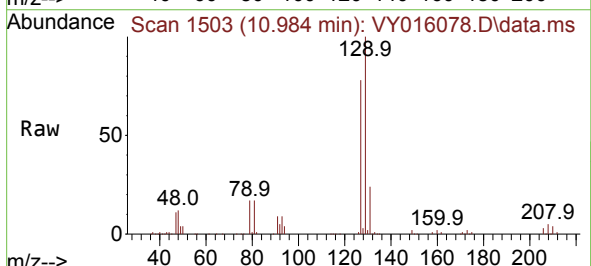
Instrument :
MSVOA_Y
ClientSampleId :

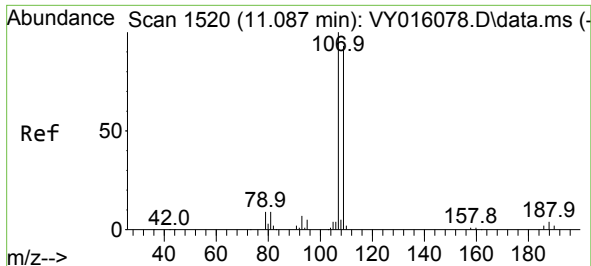
Tgt Ion: 43 Resp: 280228
Ion Ratio Lower Upper
43 100
58 57.7 25.1 75.3



#60
Dibromochloromethane
Concen: 51.684 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 129 Resp: 109137
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

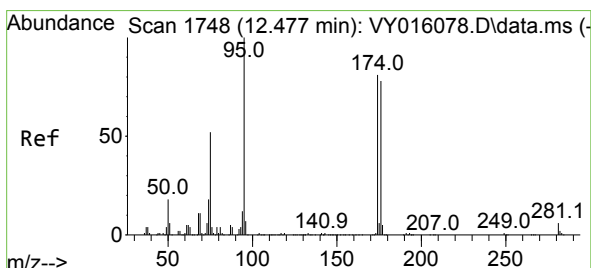
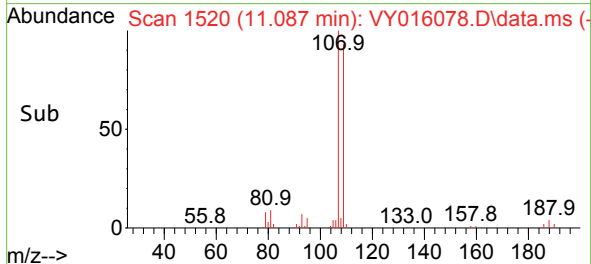
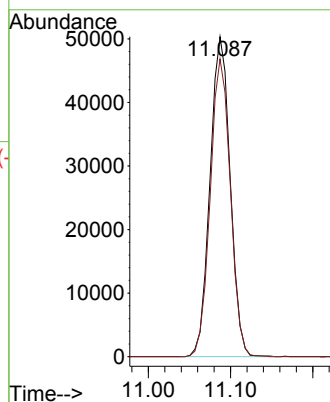
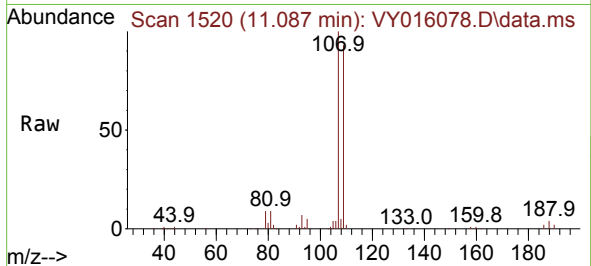




#61
1,2-Dibromoethane
Concen: 51.845 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

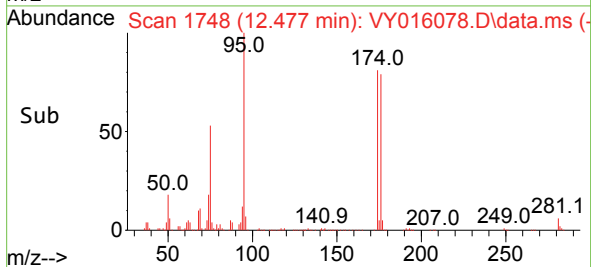
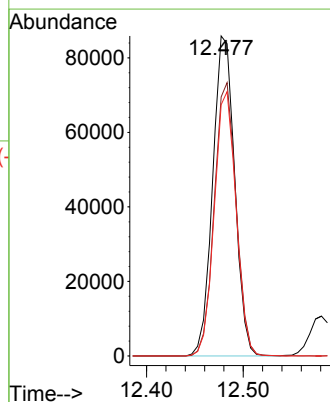
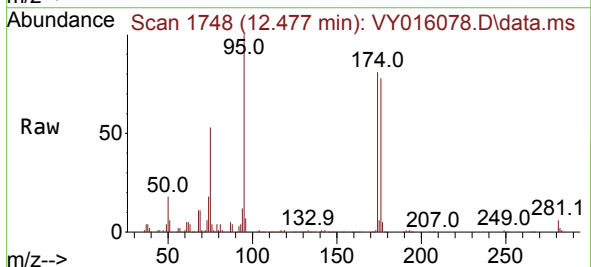
Instrument :
MSVOA_Y
ClientSampleId :

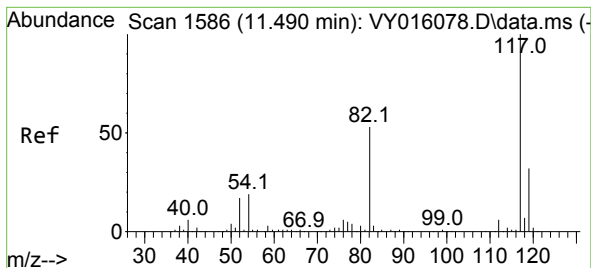
Tgt Ion:107 Resp: 85606
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.363 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 95 Resp: 135243
Ion Ratio Lower Upper
95 100
174 85.1 0.0 178.2
176 82.0 0.0 173.8

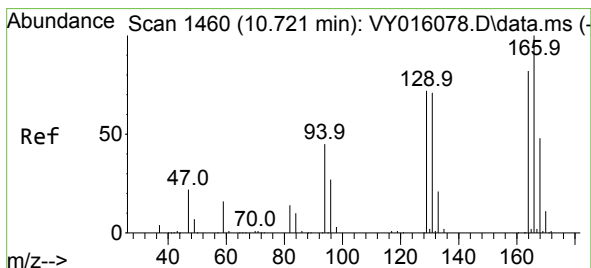
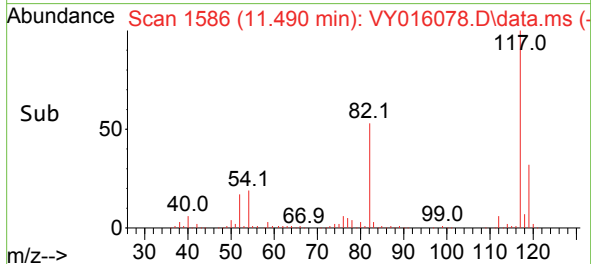
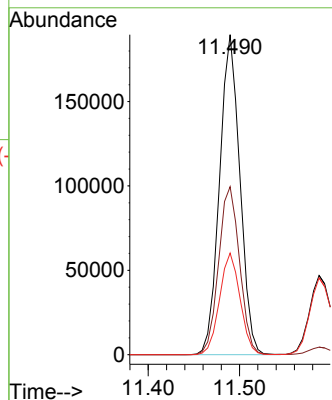
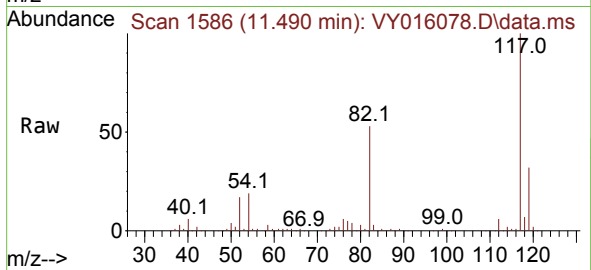




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

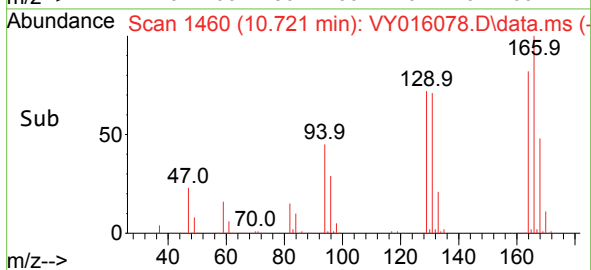
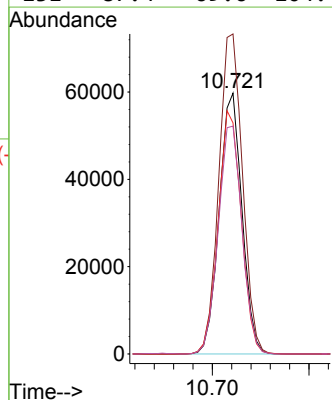
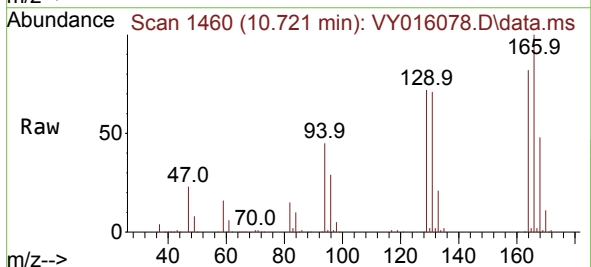
Instrument :
MSVOA_Y
ClientSampleId :

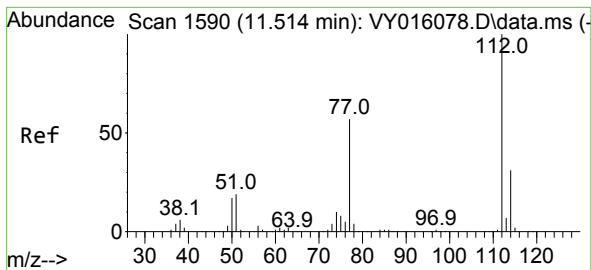
Tgt Ion:117 Resp: 293730
Ion Ratio Lower Upper
117 100
82 52.5 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 50.166 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion:164 Resp: 97511
Ion Ratio Lower Upper
164 100
166 122.7 103.0 154.6
129 88.6 77.2 115.8
131 87.4 69.6 104.4





#65

Chlorobenzene

Concen: 51.208 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

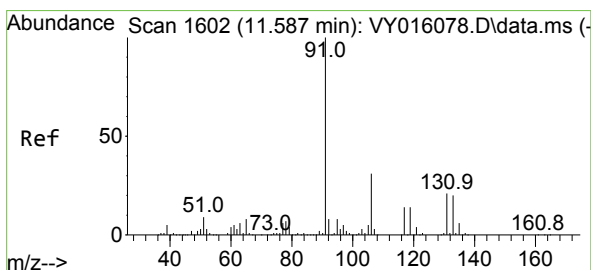
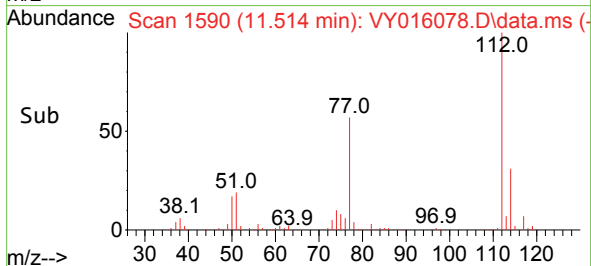
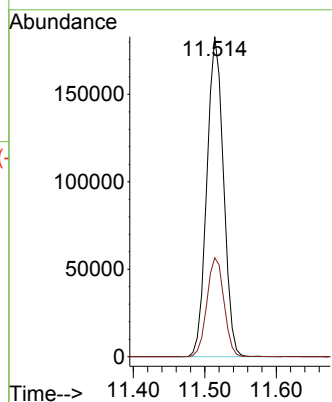
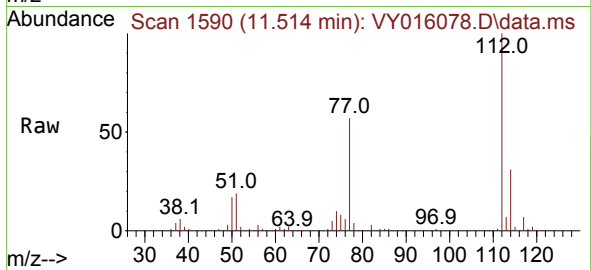
ClientSampleId :

Tgt Ion:112 Resp: 295588

Ion Ratio Lower Upper

112 100

114 30.9 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 52.479 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

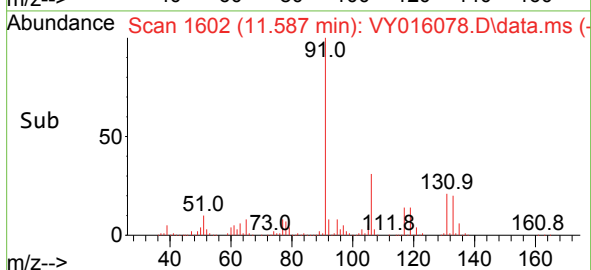
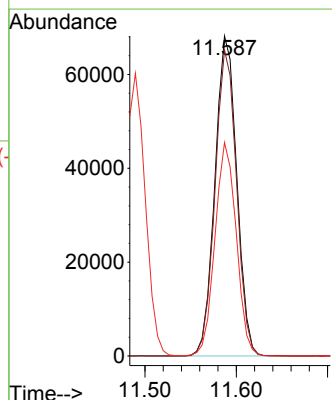
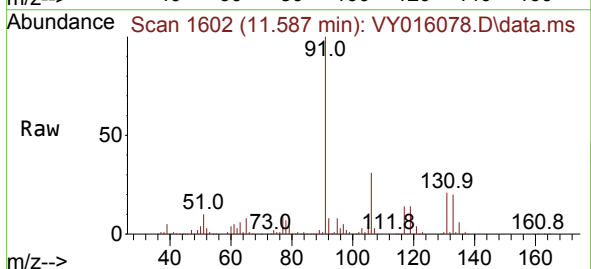
Tgt Ion:131 Resp: 113127

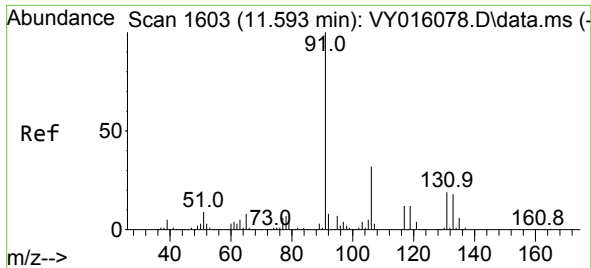
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 65.2 31.6 94.7

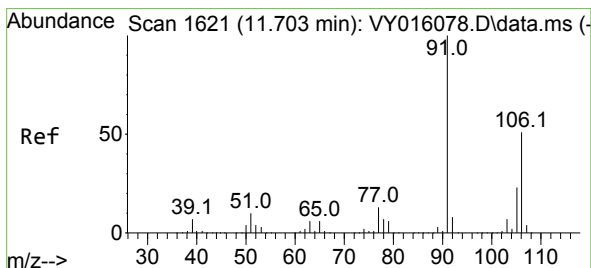
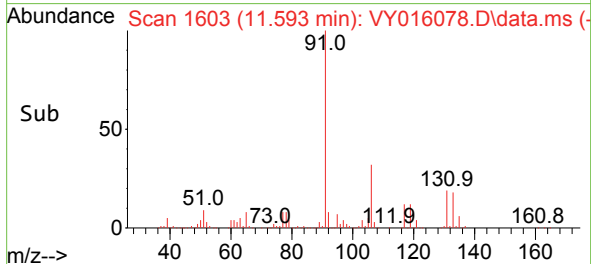
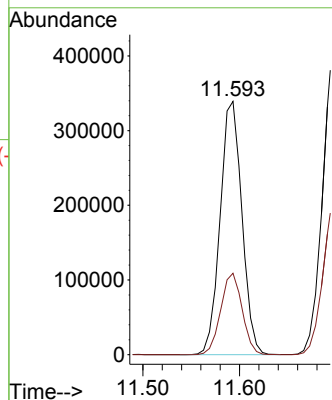
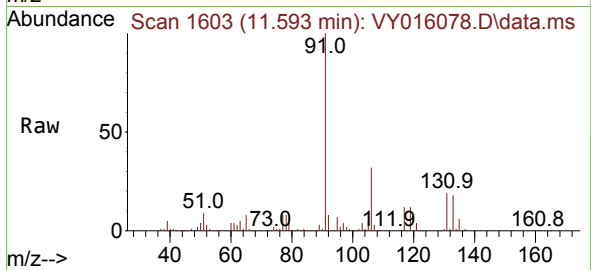




#67
Ethyl Benzene
Concen: 51.704 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

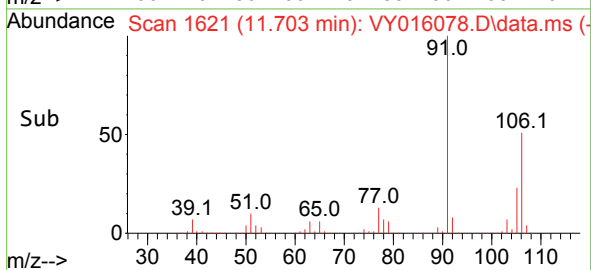
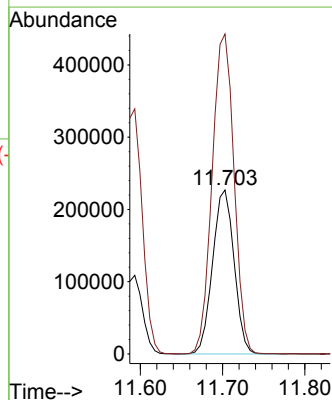
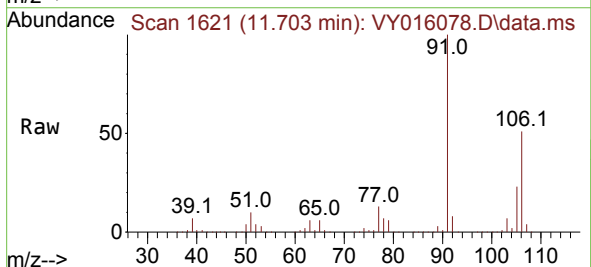
Instrument :
MSVOA_Y
ClientSampleId :

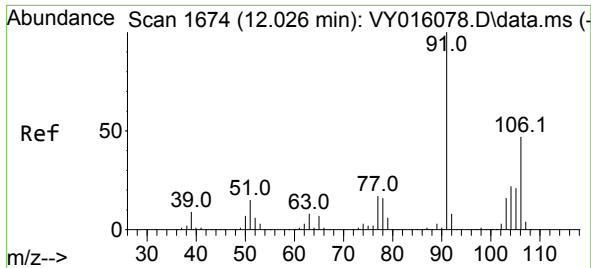
Tgt Ion: 91 Resp: 530108
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 103.738 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 106 Resp: 411600
Ion Ratio Lower Upper
106 100
91 199.0 166.1 249.1

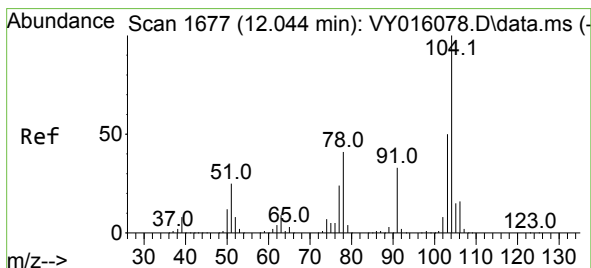
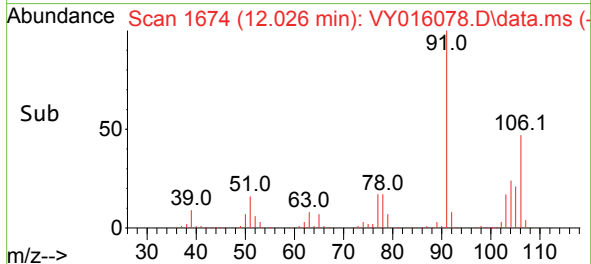
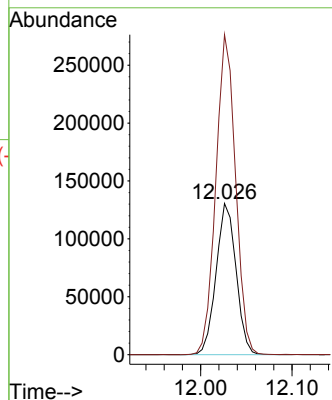
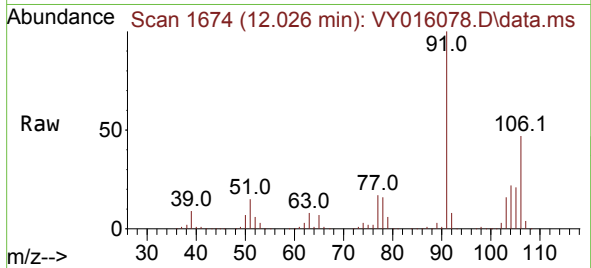




#69
o-Xylene
Concen: 52.198 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

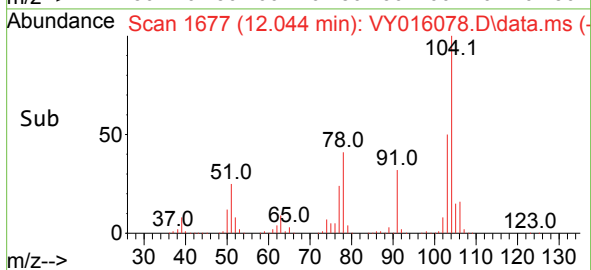
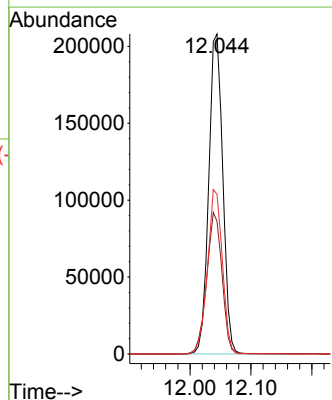
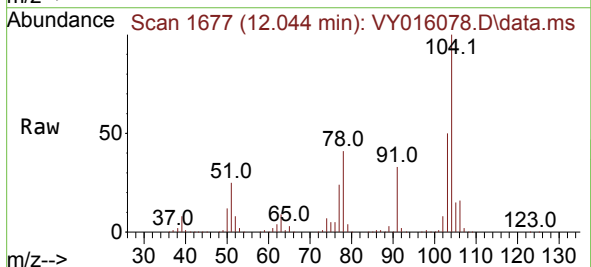
Instrument :
MSVOA_Y
ClientSampleId :

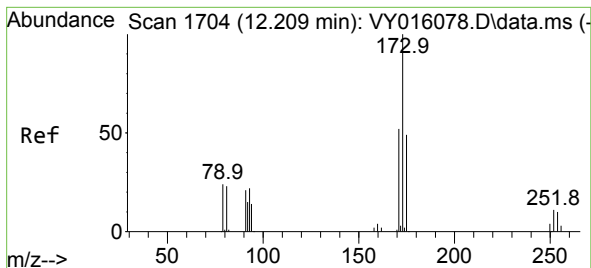
Tgt Ion:106 Resp: 198273
Ion Ratio Lower Upper
106 100
91 209.4 108.1 324.3



#70
Styrene
Concen: 52.676 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion:104 Resp: 333529
Ion Ratio Lower Upper
104 100
78 48.0 41.5 62.3
103 54.4 44.6 67.0





#71

Bromoform

Concen: 52.154 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

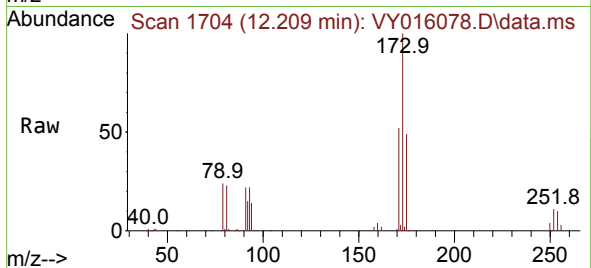
Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :



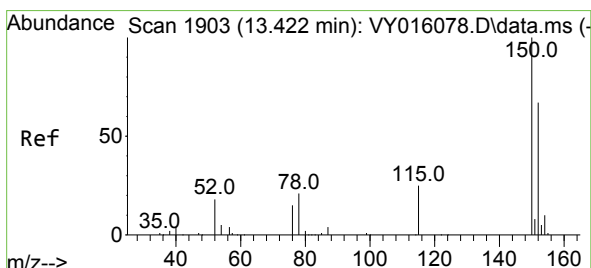
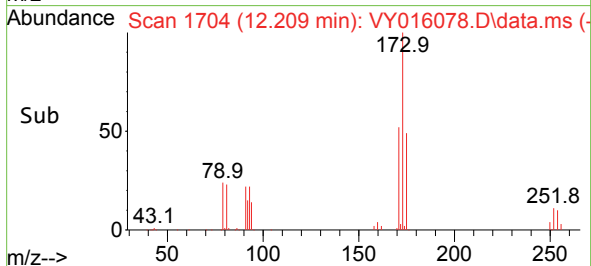
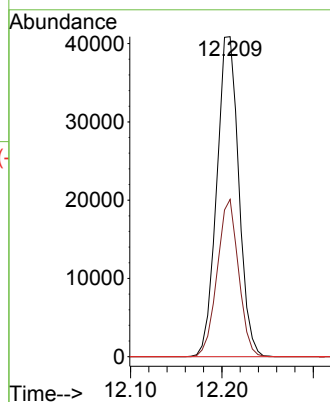
Tgt Ion:173 Resp: 68483

Ion Ratio Lower Upper

173 100

175 47.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

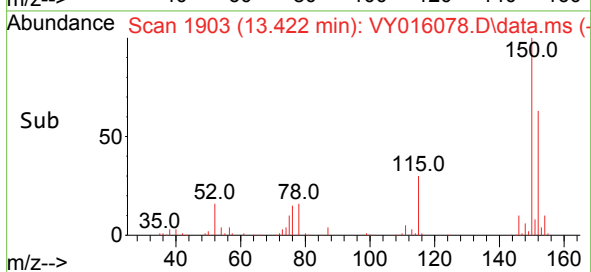
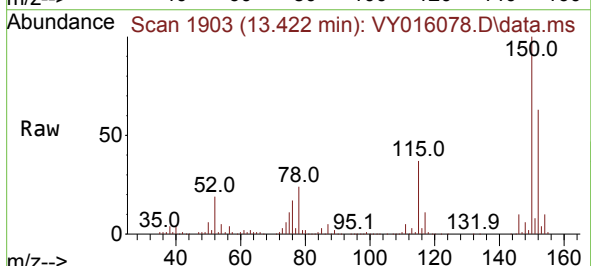
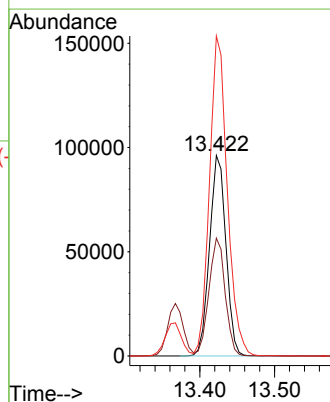
Tgt Ion:152 Resp: 146583

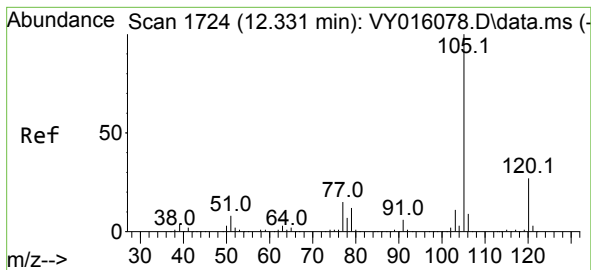
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 172.9 0.0 348.8





#73

Isopropylbenzene

Concen: 50.712 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

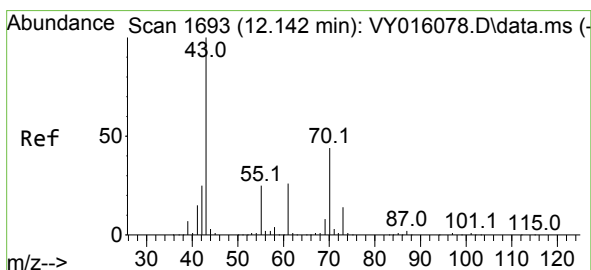
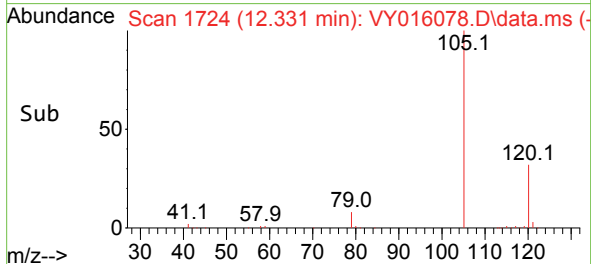
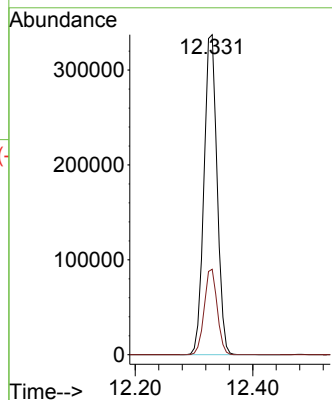
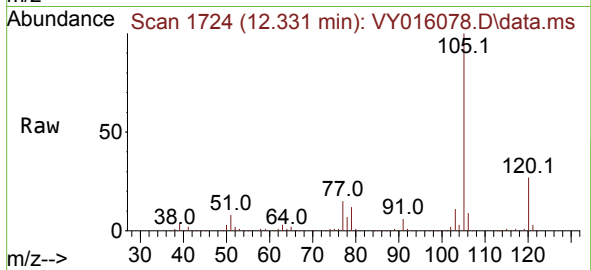
ClientSampleId :

Tgt Ion:105 Resp: 523147

Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.9



#74

N-ethyl acetate

Concen: 52.509 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Tgt Ion: 43 Resp: 132082

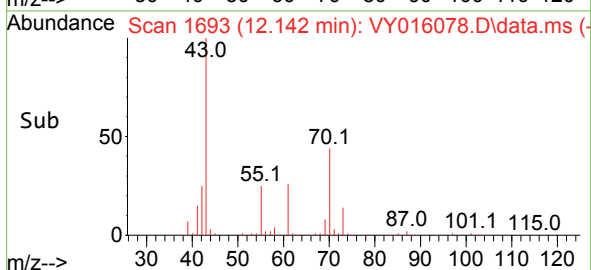
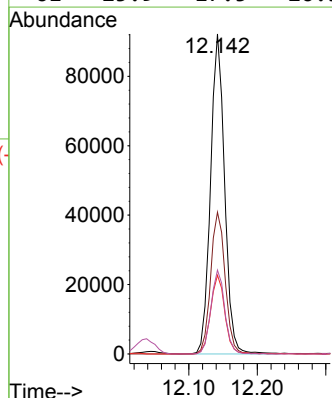
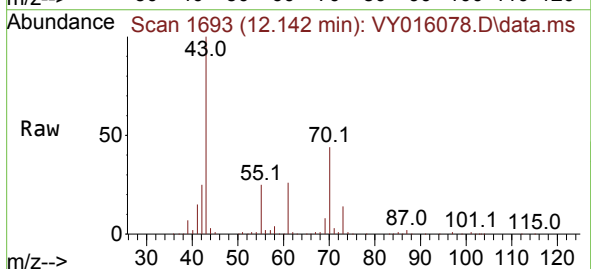
Ion Ratio Lower Upper

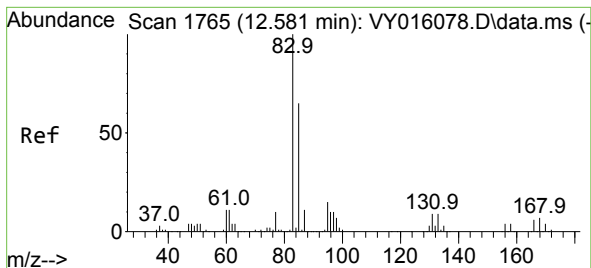
43 100

70 45.9 29.7 44.5#

55 25.0 18.3 27.5

61 25.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.515 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

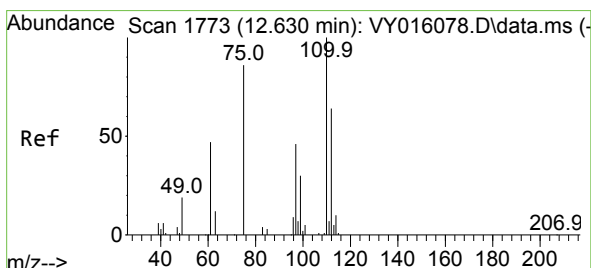
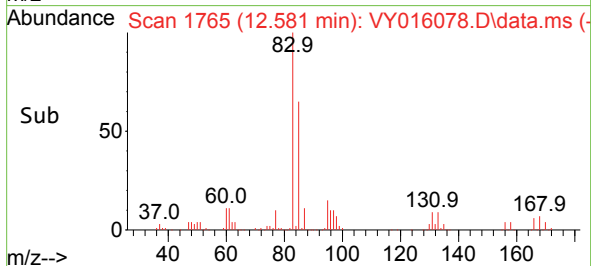
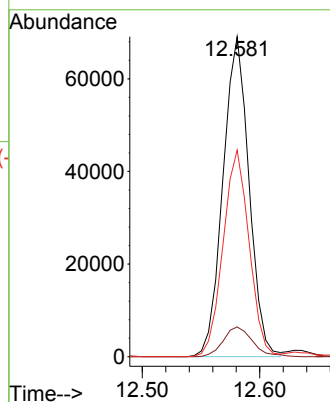
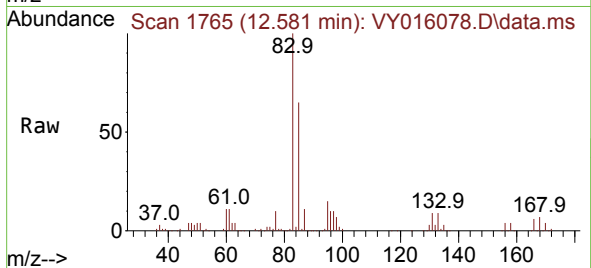
Tgt Ion: 83 Resp: 106523

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.346 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016078.D

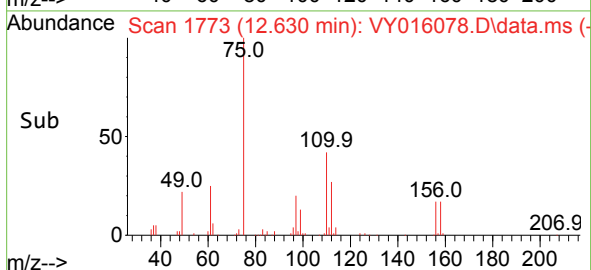
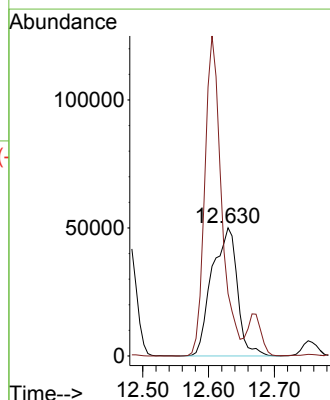
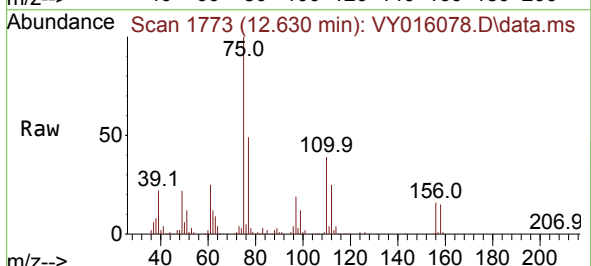
Acq: 26 Oct 2023 12:45

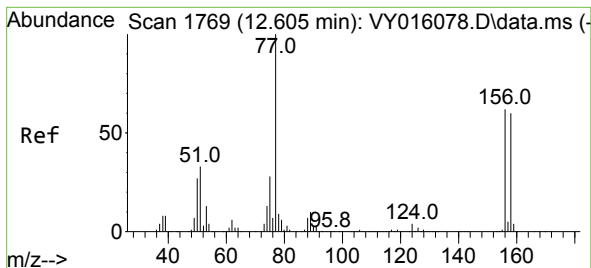
Tgt Ion: 75 Resp: 134630

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.732 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

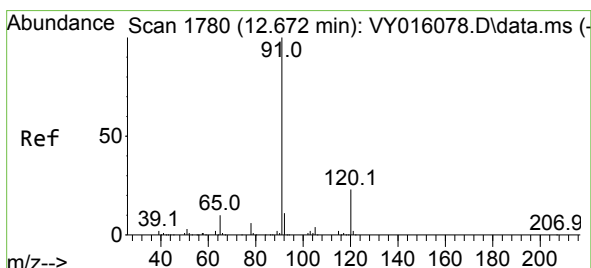
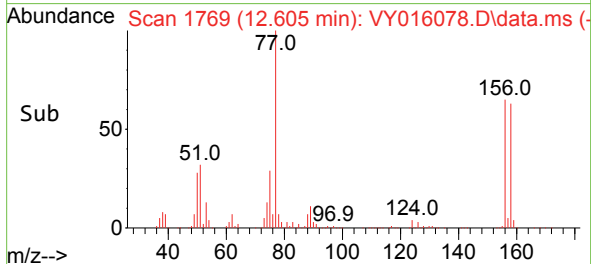
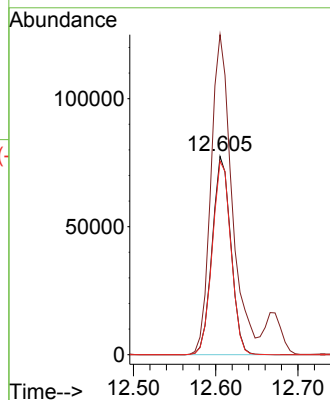
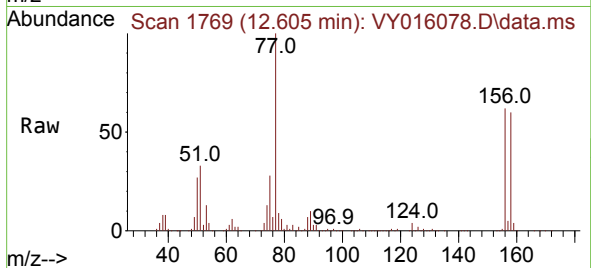
Tgt Ion:156 Resp: 122141

Ion Ratio Lower Upper

156 100

77 181.2 92.8 278.6

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 50.726 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016078.D

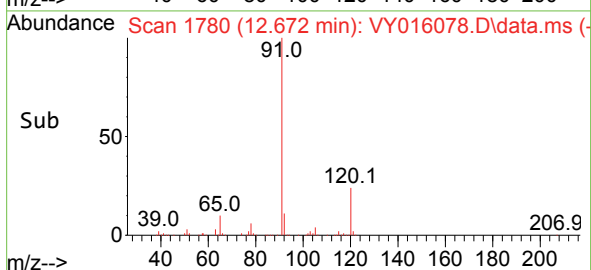
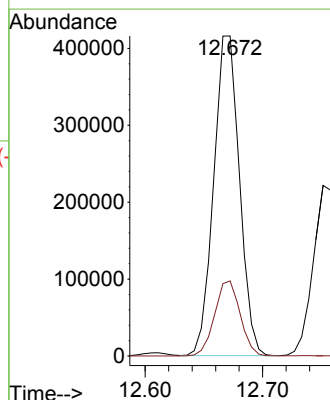
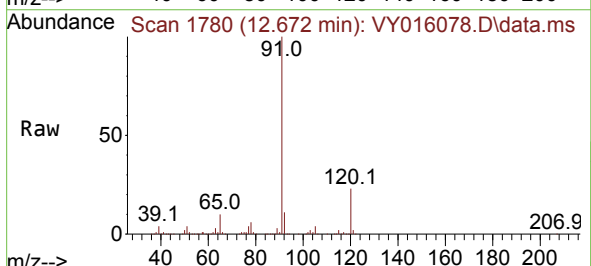
Acq: 26 Oct 2023 12:45

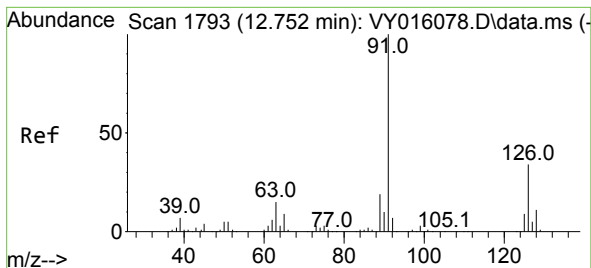
Tgt Ion: 91 Resp: 633606

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4

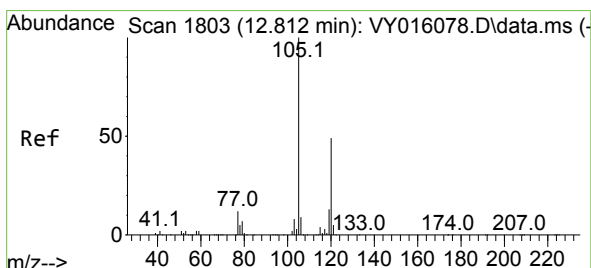
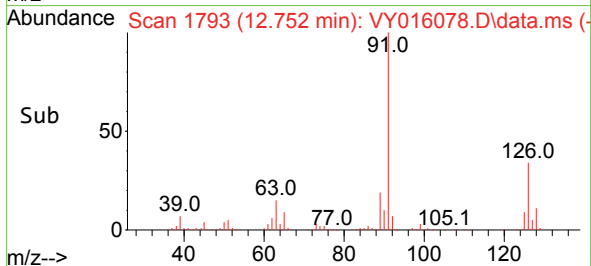
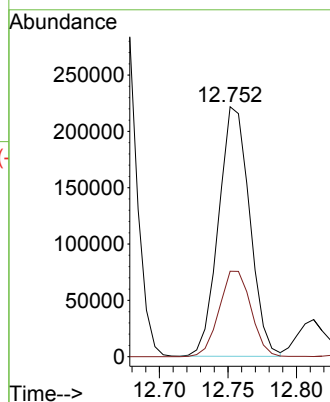
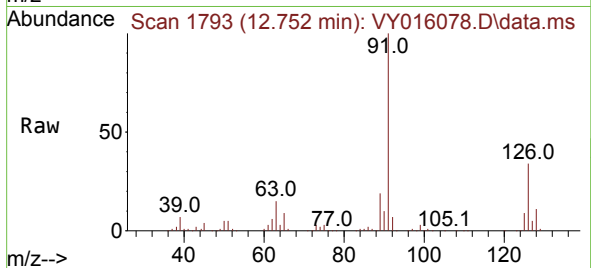




#79
2-Chlorotoluene
Concen: 50.201 ug/l
RT: 12.752 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

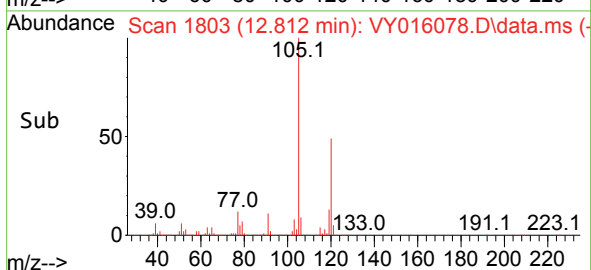
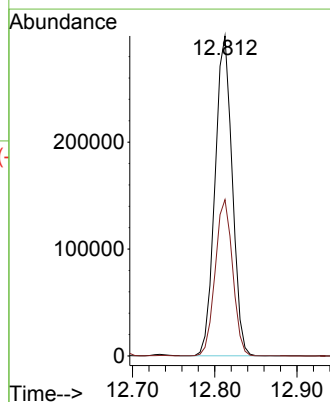
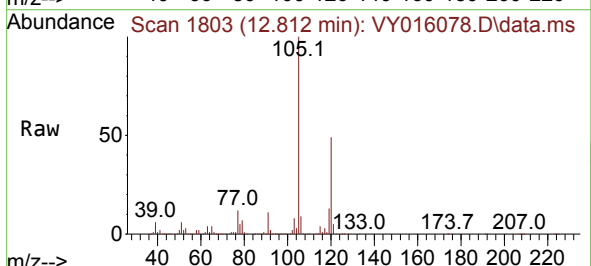
Instrument :
MSVOA_Y
ClientSampleId :

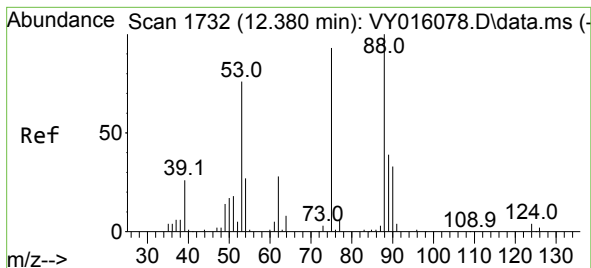
Tgt Ion: 91 Resp: 351184
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 50.859 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 105 Resp: 435599
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

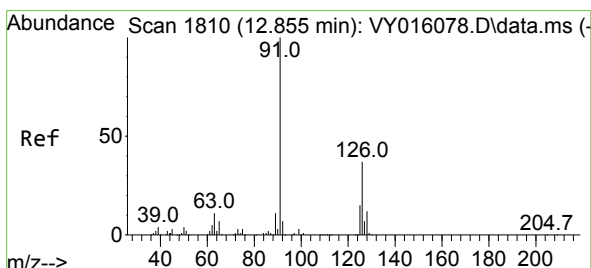
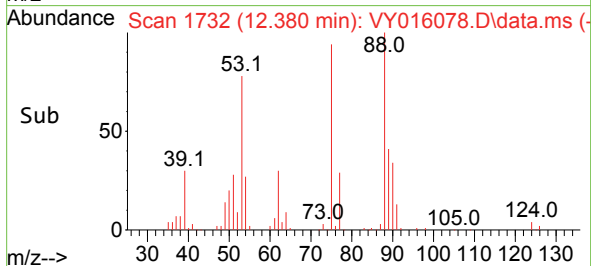
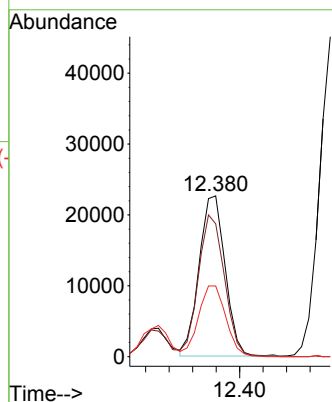
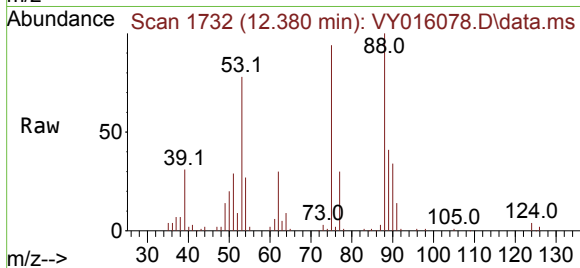




#81
trans-1,4-Dichloro-2-butene
Concen: 50.738 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

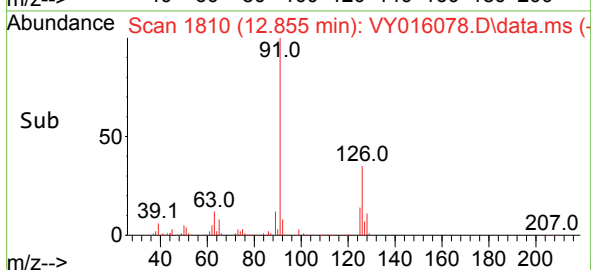
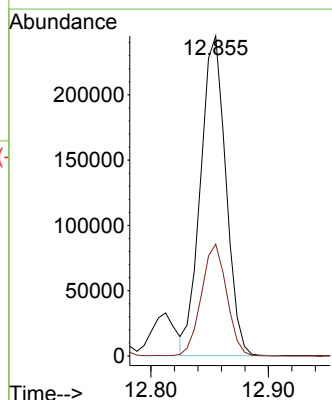
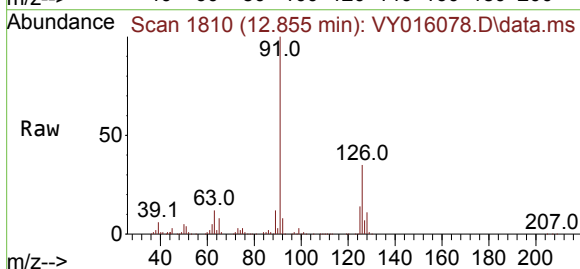
Instrument :
MSVOA_Y
ClientSampleId :

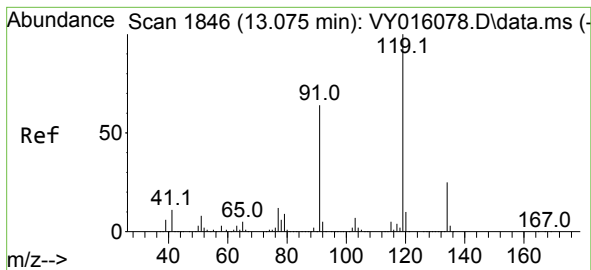
Tgt Ion: 75 Resp: 34942
Ion Ratio Lower Upper
75 100
53 88.1 77.8 116.8
89 46.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.595 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016078.D
Acq: 26 Oct 2023 12:45

Tgt Ion: 91 Resp: 367054
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.399 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

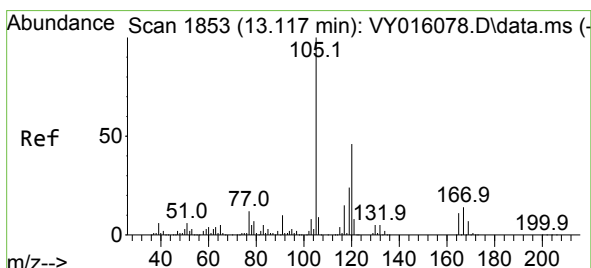
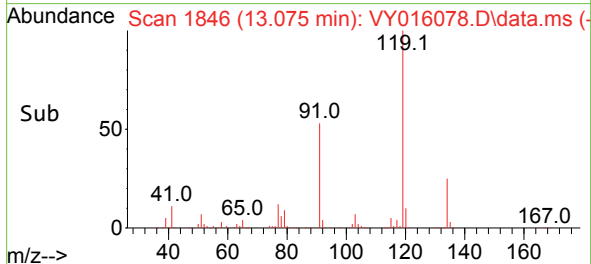
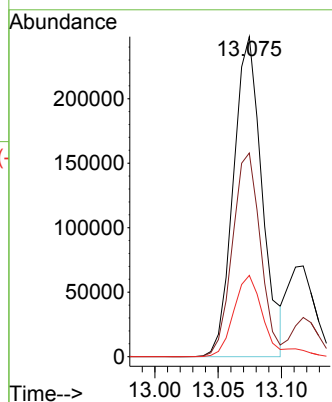
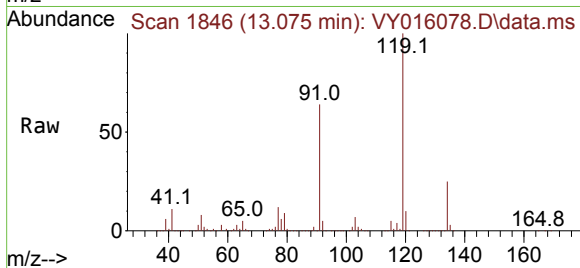
Tgt Ion:119 Resp: 391311

Ion Ratio Lower Upper

119 100

91 62.3 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.000 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016078.D

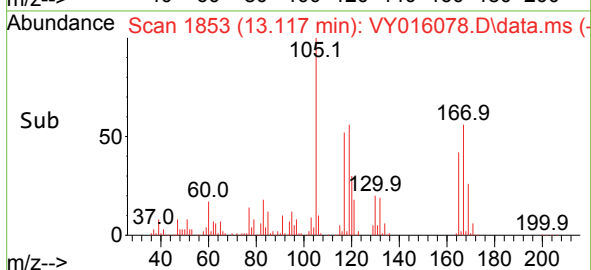
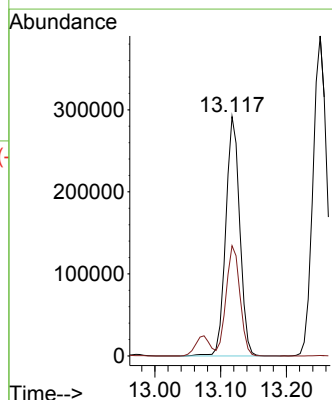
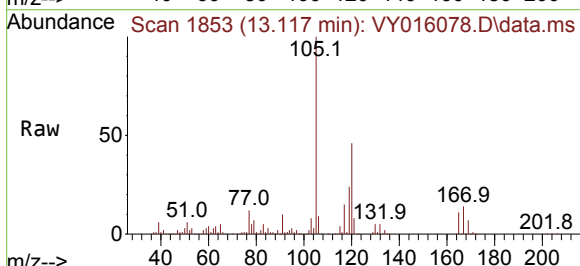
Acq: 26 Oct 2023 12:45

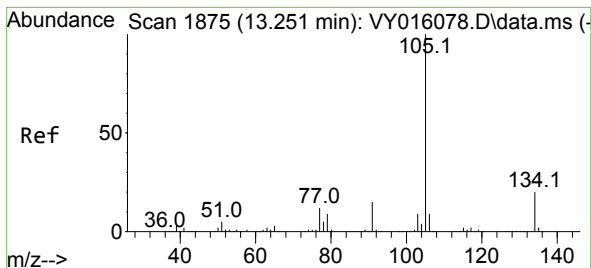
Tgt Ion:105 Resp: 431408

Ion Ratio Lower Upper

105 100

120 45.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 50.813 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

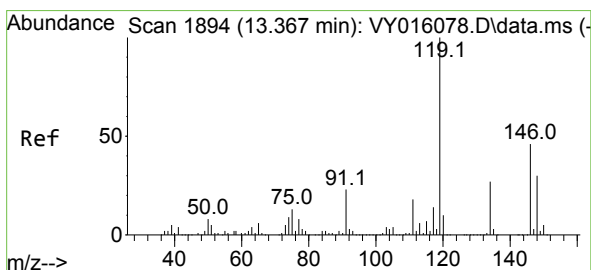
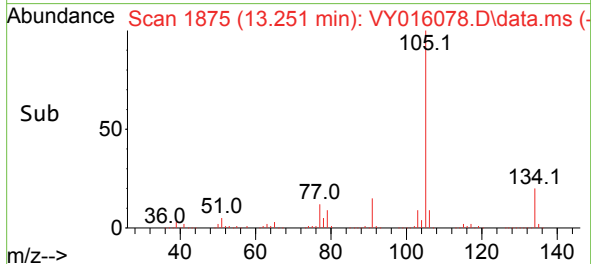
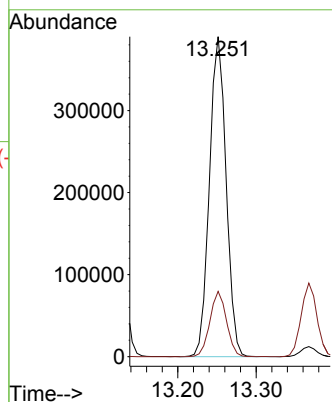
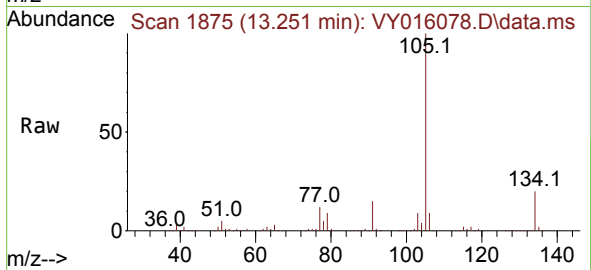
ClientSampleId :

Tgt Ion:105 Resp: 576167

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.268 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

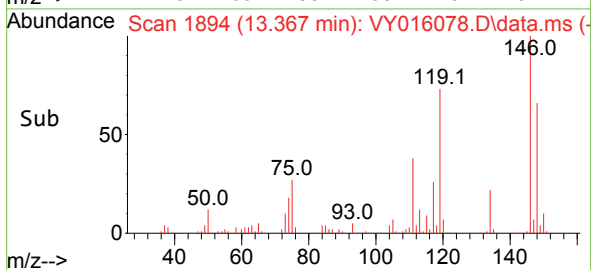
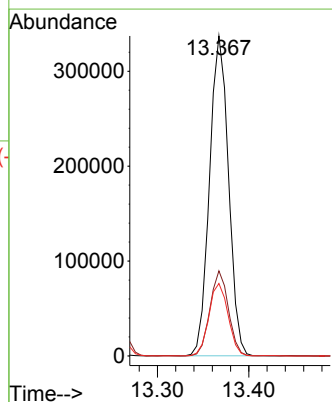
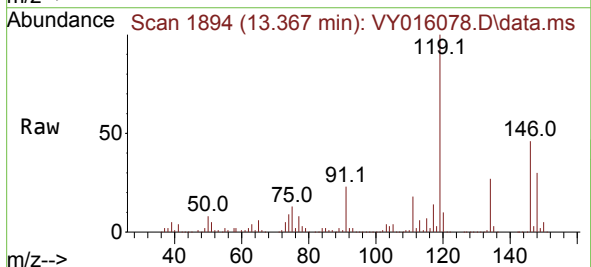
Tgt Ion:119 Resp: 485082

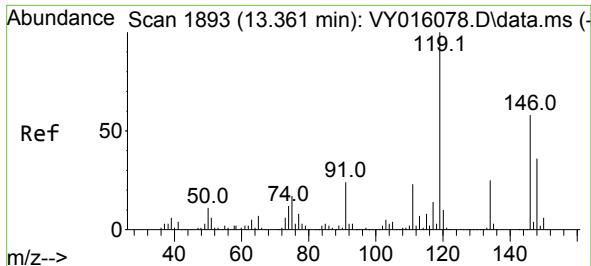
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 22.9 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.394 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

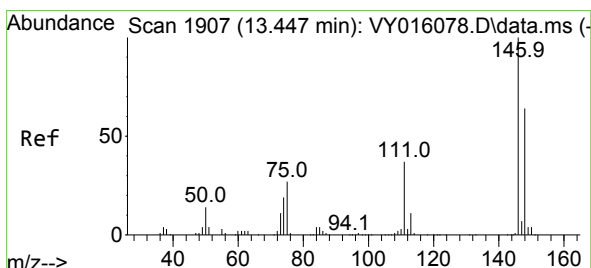
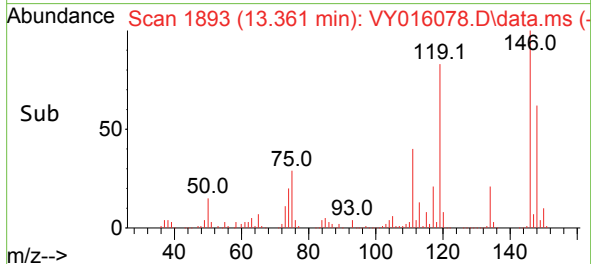
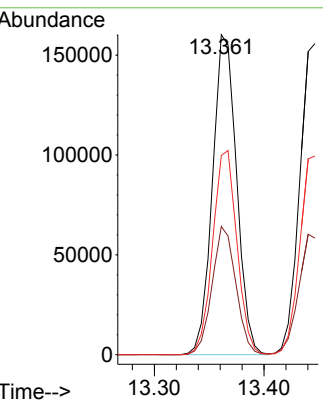
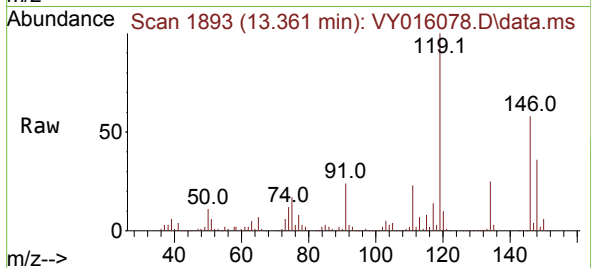
Tgt Ion:146 Resp: 244986

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.185 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

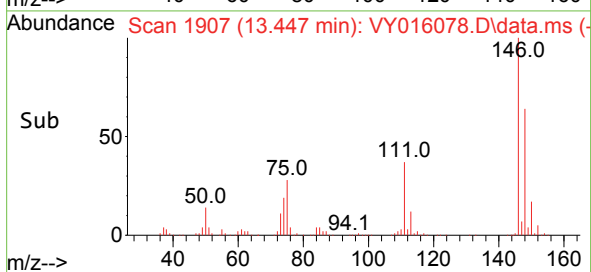
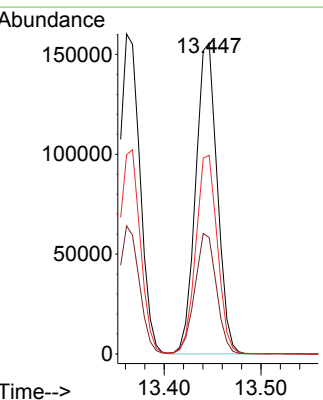
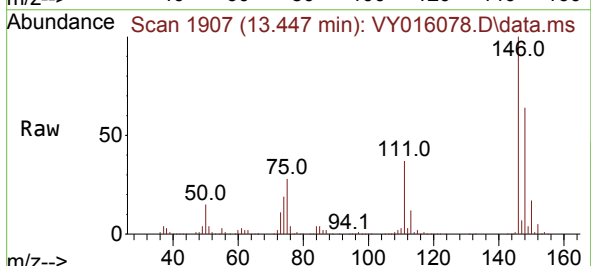
Tgt Ion:146 Resp: 241121

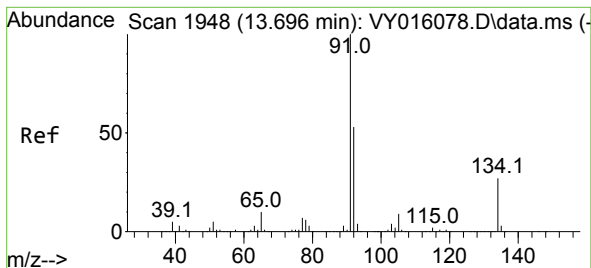
Ion Ratio Lower Upper

146 100

111 38.9 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 50.827 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

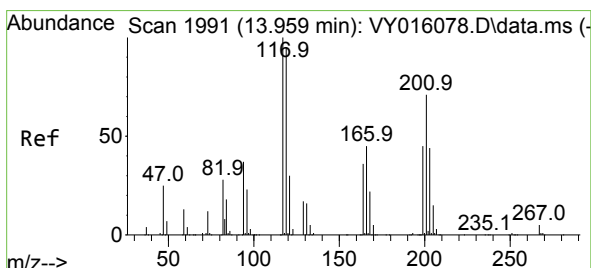
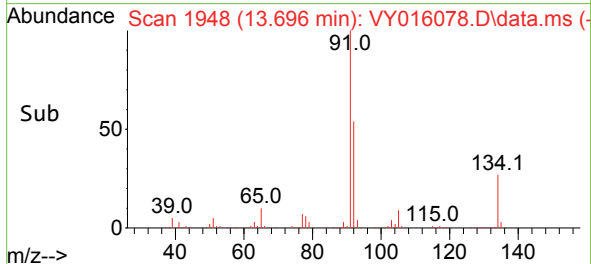
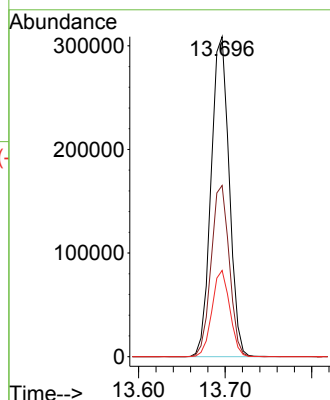
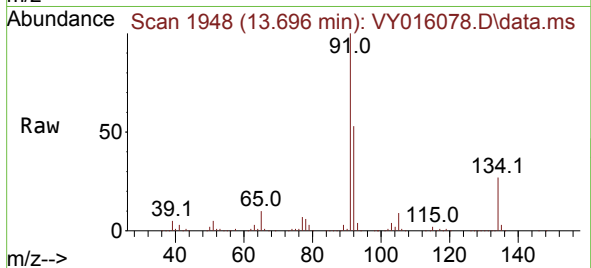
Tgt Ion: 91 Resp: 448603

Ion Ratio Lower Upper

91 100

92 53.7 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 50.698 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY016078.D

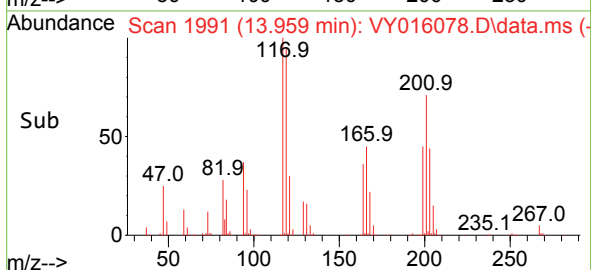
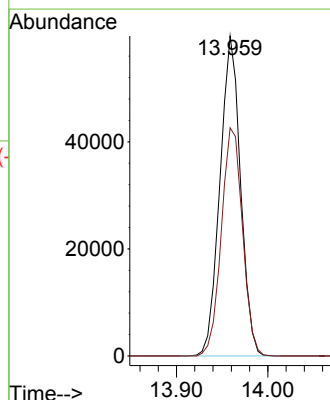
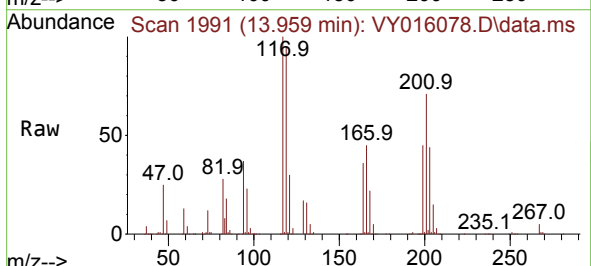
Acq: 26 Oct 2023 12:45

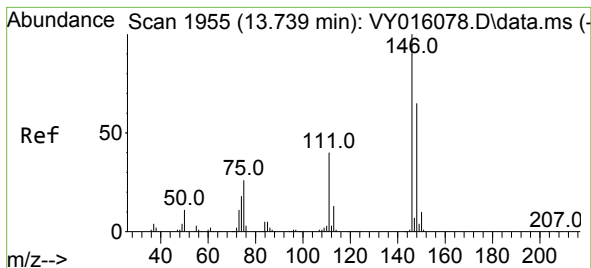
Tgt Ion: 117 Resp: 93390

Ion Ratio Lower Upper

117 100

201 73.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.941 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

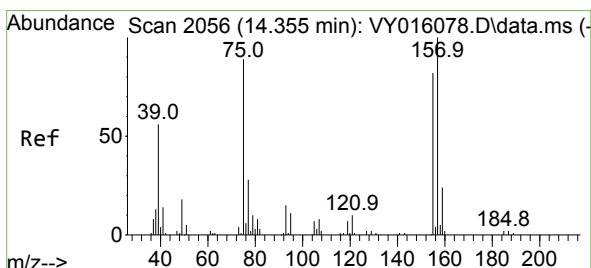
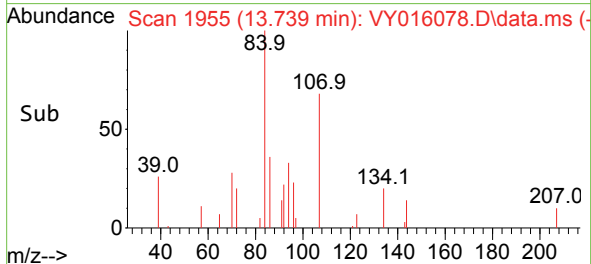
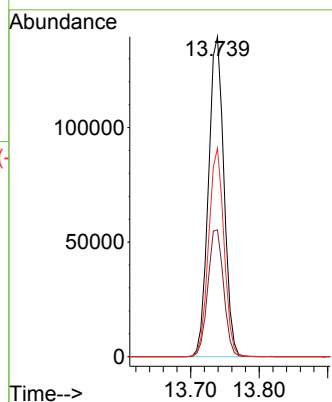
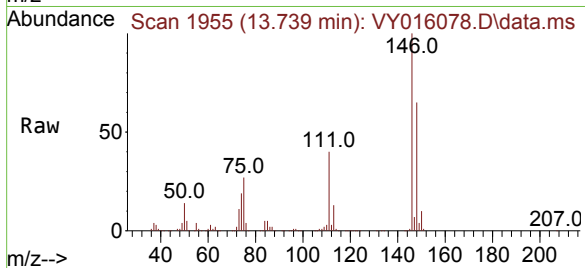
Tgt Ion:146 Resp: 219264

Ion Ratio Lower Upper

146 100

111 40.4 19.7 59.0

148 64.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.030 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY016078.D

Acq: 26 Oct 2023 12:45

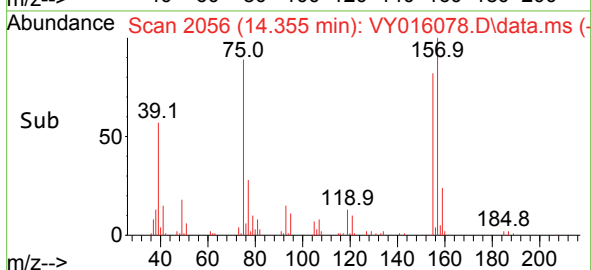
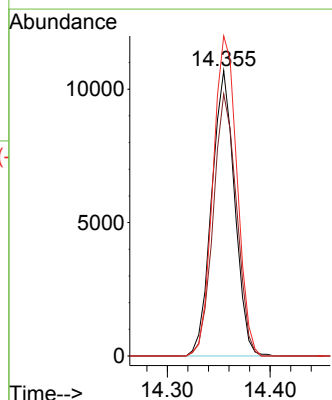
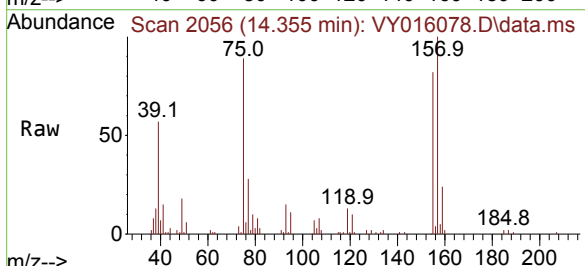
Tgt Ion: 75 Resp: 16563

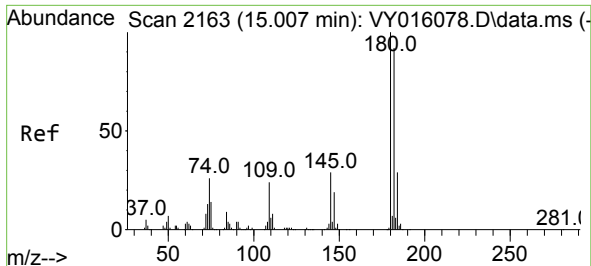
Ion Ratio Lower Upper

75 100

155 93.1 41.5 124.6

157 116.9 51.8 155.5

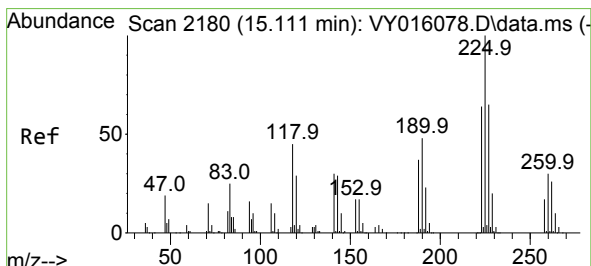
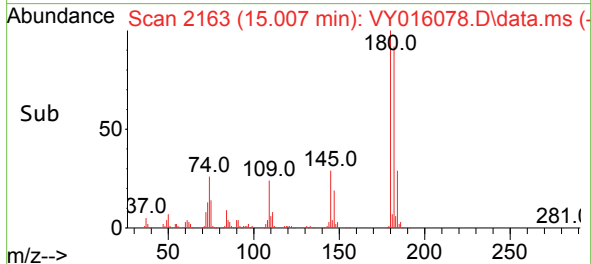
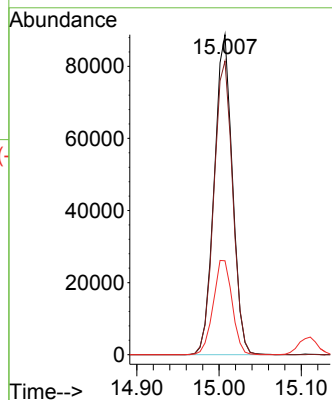
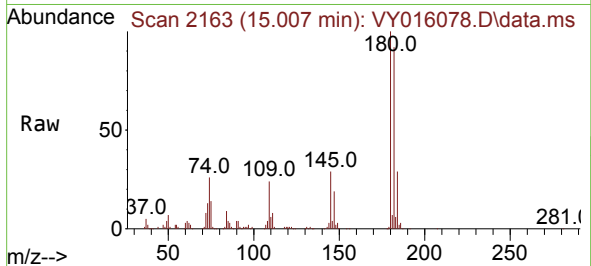




#93
 1,2,4-Trichlorobenzene
 Concen: 51.182 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

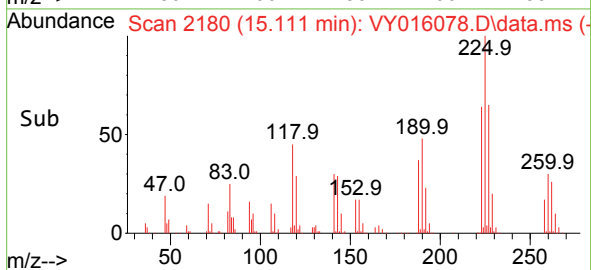
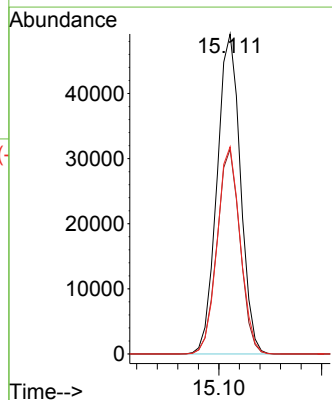
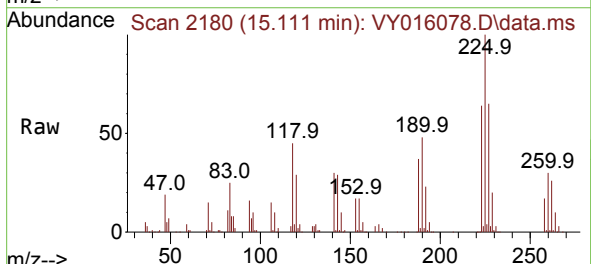
Instrument :
 MSVOA_Y
 ClientSampleId :

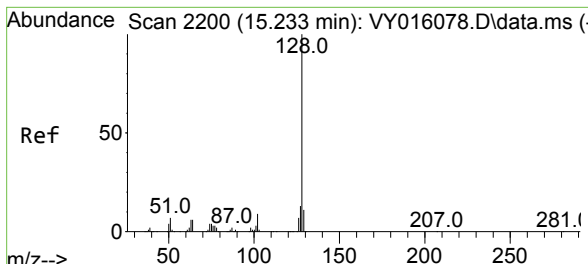
Tgt Ion:180 Resp: 136292
 Ion Ratio Lower Upper
 180 100
 182 95.0 47.0 141.2
 145 30.7 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 50.155 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

Tgt Ion:225 Resp: 77516
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.9 95.9
 227 63.7 33.0 98.9

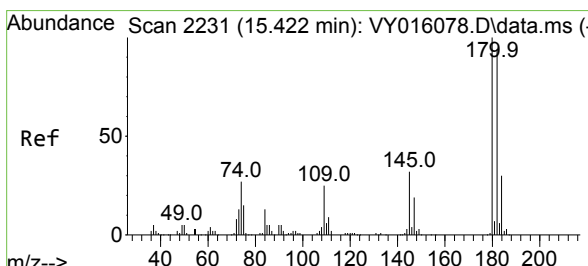
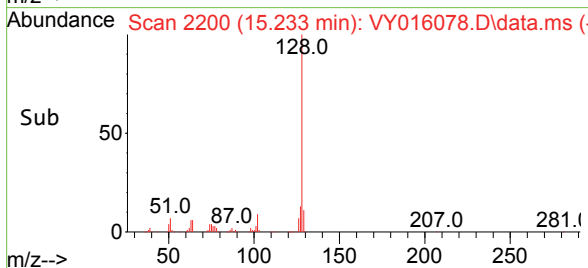
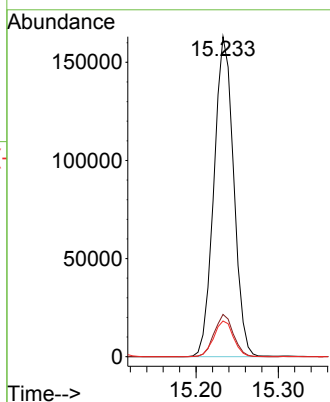
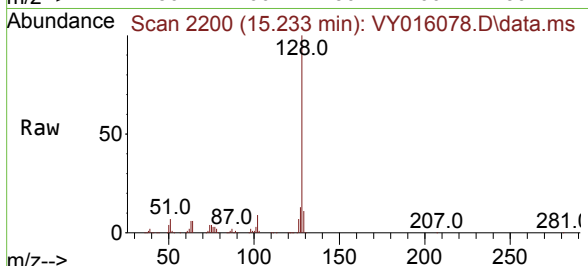




#95
 Naphthalene
 Concen: 52.386 ug/l
 RT: 15.233 min Scan# 2200
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	128	Resp:	272055
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.8	16.2
129	11.2	8.6	13.0



#96
 1,2,3-Trichlorobenzene
 Concen: 51.351 ug/l
 RT: 15.422 min Scan# 2231
 Delta R.T. 0.000 min
 Lab File: VY016078.D
 Acq: 26 Oct 2023 12:45

Tgt Ion:	180	Resp:	117922
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.3	141.8
145	32.3	15.4	46.2

