

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102023\
 Data File : VY016057.D
 Acq On : 20 Oct 2023 11:05
 Operator : SY/MD
 Sample : VY1020SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 20 23:04:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 19 03:15:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	190463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	301105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	273743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	138167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	87511	40.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.860%
35) Dibromofluoromethane	7.716	113	81319	41.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.060%
50) Toluene-d8	10.179	98	306096	42.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.060%
62) 4-Bromofluorobenzene	12.483	95	108735	42.337	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	28729	18.250	ug/l	94
3) Chloromethane	2.113	50	40565	20.409	ug/l	99
4) Vinyl Chloride	2.247	62	42819	19.195	ug/l	92
5) Bromomethane	2.656	94	30940	19.014	ug/l	99
6) Chloroethane	2.796	64	24572	17.130	ug/l	98
7) Trichlorofluoromethane	3.119	101	80339	23.665	ug/l	100
8) Diethyl Ether	3.527	74	25884	21.581	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	39944	20.455	ug/l	96
10) Methyl Iodide	4.082	142	45030	17.659	ug/l	96
11) Tert butyl alcohol	4.917	59	6338	18.967	ug/l #	89
12) 1,1-Dichloroethene	3.857	96	37228	20.374	ug/l	94
13) Acrolein	3.741	56	32326	134.544	ug/l	94
14) Allyl chloride	4.472	41	58356	20.425	ug/l	94
15) Acrylonitrile	5.186	53	90504	126.486	ug/l	98
16) Acetone	3.991	43	94988	118.374	ug/l	98
17) Carbon Disulfide	4.186	76	103524	19.340	ug/l	99
18) Methyl Acetate	4.497	43	59092	21.395	ug/l	92
19) Methyl tert-butyl Ether	5.234	73	109729	18.615	ug/l	100
20) Methylene Chloride	4.710	84	49806	20.893	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	43020	20.218	ug/l	93
22) Diisopropyl ether	6.124	45	119490	19.207	ug/l	88
23) Vinyl Acetate	6.070	43	360377	93.383	ug/l	95
24) 1,1-Dichloroethane	6.015	63	73673	19.961	ug/l #	95
25) 2-Butanone	7.008	43	134503	122.372	ug/l	96
26) 2,2-Dichloropropane	6.978	77	63129	19.011	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	48501	19.792	ug/l	91
28) Bromochloromethane	7.332	49	31870	20.191	ug/l	92
29) Tetrahydrofuran	7.368	42	88580	133.142	ug/l	90
30) Chloroform	7.508	83	78515	19.841	ug/l	99
31) Cyclohexane	7.783	56	69136	20.405	ug/l	91
32) 1,1,1-Trichloroethane	7.703	97	71628	20.230	ug/l	98
36) 1,1-Dichloropropene	7.917	75	60525	20.298	ug/l	98
37) Ethyl Acetate	7.088	43	34746	16.166	ug/l #	85
38) Carbon Tetrachloride	7.905	117	63980	20.188	ug/l	99
39) Methylcyclohexane	9.185	83	75399	20.234	ug/l	94
40) Benzene	8.161	78	169700	20.193	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	20482	18.370	ug/l #	84
42) 1,2-Dichloroethane	8.240	62	52685	19.462	ug/l	92
43) Isopropyl Acetate	8.277	43	76743	20.422	ug/l #	93
44) Trichloroethene	8.941	130	54980	23.333	ug/l	98
45) 1,2-Dichloropropane	9.215	63	44389	21.106	ug/l	97
46) Dibromomethane	9.307	93	31183	22.333	ug/l	97
47) Bromodichloromethane	9.496	83	64389	21.041	ug/l	99
48) Methyl methacrylate	9.295	41	36451	21.310	ug/l #	88
49) 1,4-Dioxane	9.362	88	21818	981.328	ug/l #	56
51) 4-Methyl-2-Pentanone	10.075	43	383033	177.251	ug/l	91
52) Toluene	10.246	92	113306	20.787	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	69946	21.099	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	74587	20.640	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	43865	22.867	ug/l	94
56) Ethyl methacrylate	10.514	69	66624	23.766	ug/l	89
57) 1,3-Dichloropropane	10.788	76	72632	22.320	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	178259	132.385	ug/l	93
59) 2-Hexanone	10.837	43	326502	198.589	ug/l	88
60) Dibromochloromethane	10.989	129	50118	21.604	ug/l	100
61) 1,2-Dibromoethane	11.093	107	46679	23.911	ug/l	99
64) Tetrachloroethene	10.721	164	49505	23.322	ug/l	96
65) Chlorobenzene	11.520	112	123025	20.752	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	45662	20.435	ug/l	99
67) Ethyl Benzene	11.593	91	216367	20.625	ug/l	100
68) m/p-Xylenes	11.703	106	169872	41.526	ug/l	94
69) o-Xylene	12.032	106	80214	20.612	ug/l	96
70) Styrene	12.044	104	135910	20.491	ug/l	96
71) Bromoform	12.209	173	37424	23.802	ug/l #	99
73) Isopropylbenzene	12.331	105	212894	20.599	ug/l	100
74) N-amyl acetate	12.148	43	82143	25.163	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.587	83	60703	23.450	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	90853	46.441	ug/l #	100
77) Bromobenzene	12.611	156	51790	20.645	ug/l	93
78) n-propylbenzene	12.672	91	260906	20.958	ug/l	100
79) 2-Chlorotoluene	12.757	91	142630	20.412	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	177343	20.716	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	23766	26.519	ug/l	92
82) 4-Chlorotoluene	12.855	91	148381	20.347	ug/l	98
83) tert-Butylbenzene	13.074	119	153993	20.514	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	174609	20.540	ug/l	99
85) sec-Butylbenzene	13.251	105	232149	20.707	ug/l	99
86) p-Isopropyltoluene	13.373	119	192972	20.597	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	100147	20.518	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	101946	20.745	ug/l	99
89) n-Butylbenzene	13.696	91	179323	20.560	ug/l	97
90) Hexachloroethane	13.964	117	35648	19.960	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	94161	21.012	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	18308	37.154	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	58629	20.537	ug/l	96
94) Hexachlorobutadiene	15.111	225	31820	20.521	ug/l	99
95) Naphthalene	15.239	128	192061	27.410	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57173	21.925	ug/l	99

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ALS Vial : 6 Sample Multiplier: 1

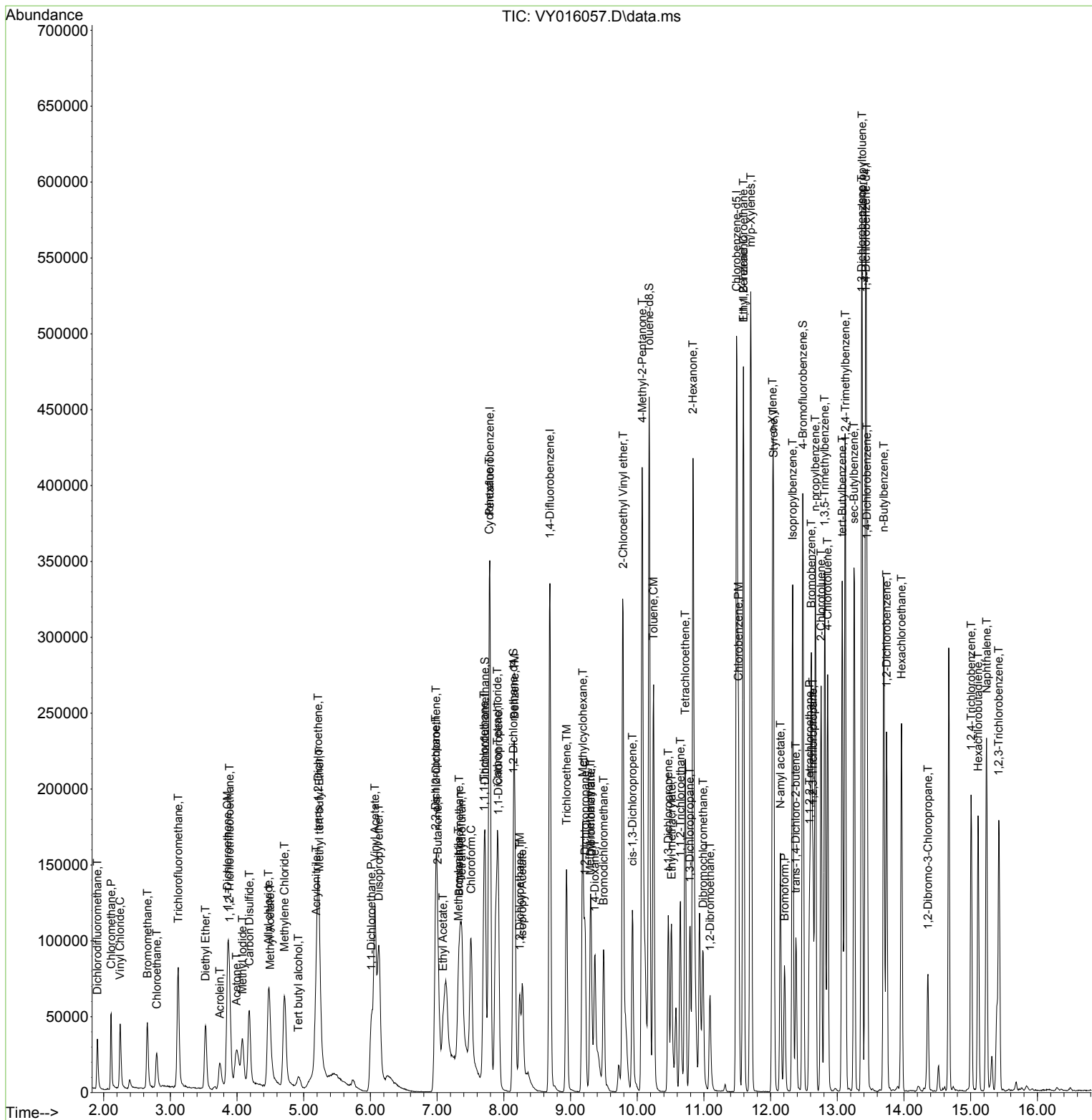
Instrument :
MSVOA_Y
ClientSampleId :

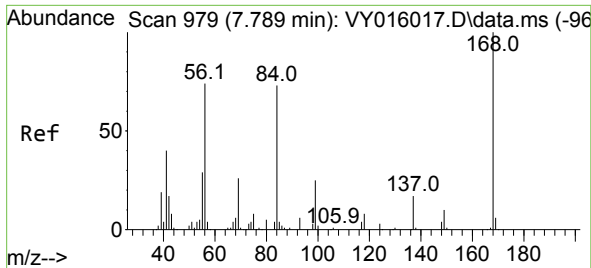
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Quant Title : SW846 8260
QLast Update : Thu Oct 19 03:15:44 2023
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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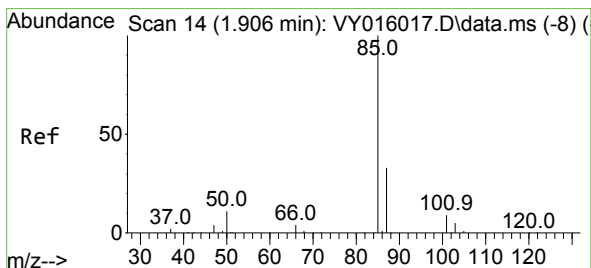
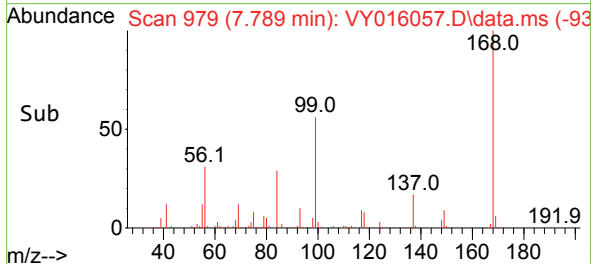
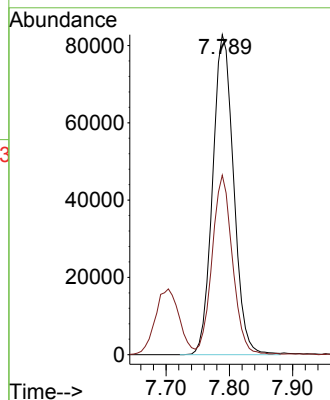
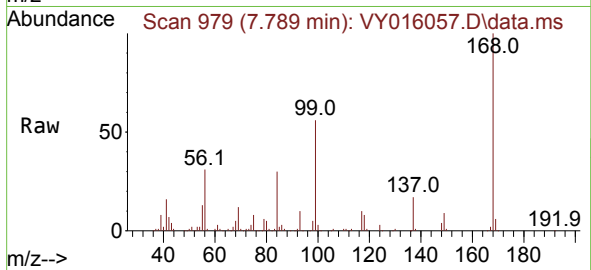




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

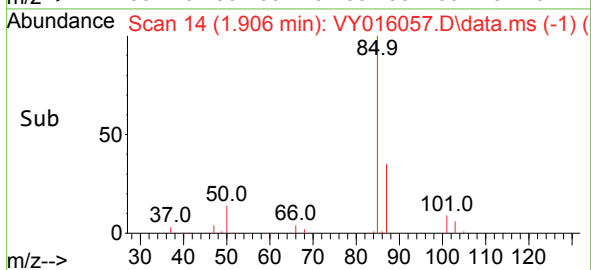
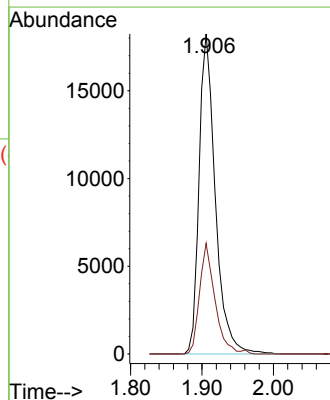
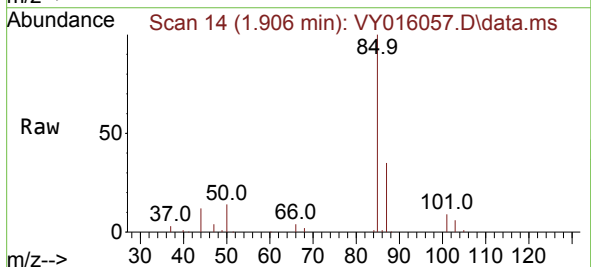
Instrument :
MSVOA_Y
ClientSampleId :

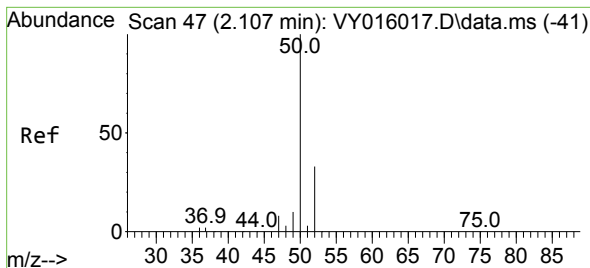
Tgt Ion:168 Resp: 190463
Ion Ratio Lower Upper
168 100
99 55.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.250 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 85 Resp: 28729
Ion Ratio Lower Upper
85 100
87 34.6 15.6 46.8





#3

Chloromethane

Concen: 20.409 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

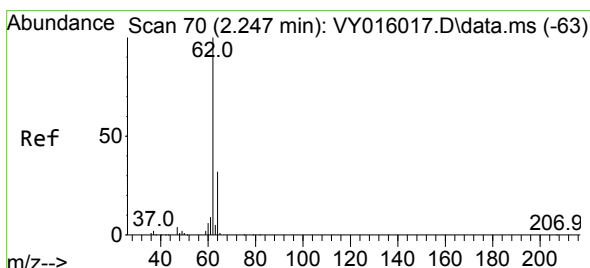
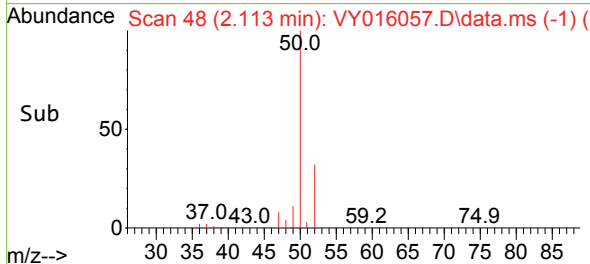
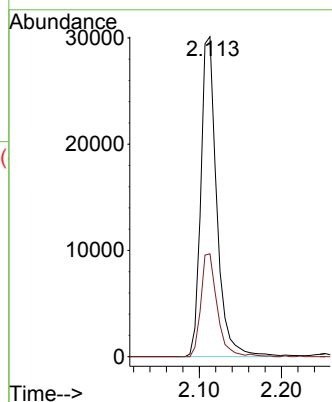
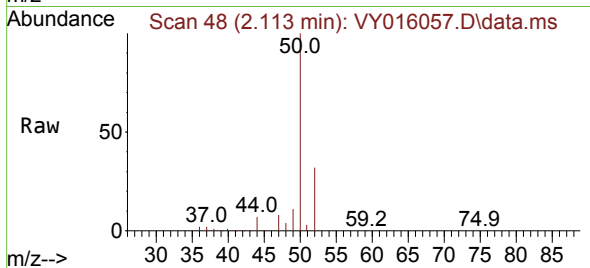
ClientSampleId :

Tgt Ion: 50 Resp: 40565

Ion Ratio Lower Upper

50 100

52 32.1 25.4 38.2



#4

Vinyl Chloride

Concen: 19.195 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.000 min

Lab File: VY016057.D

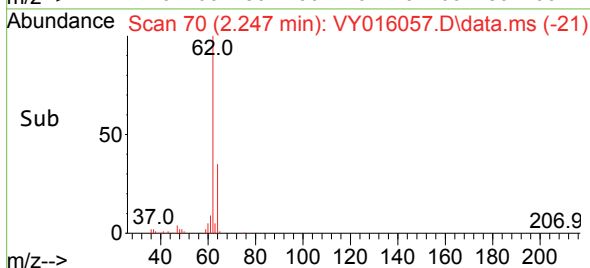
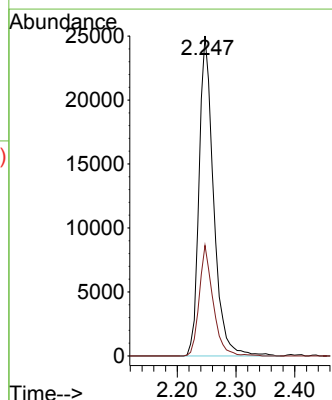
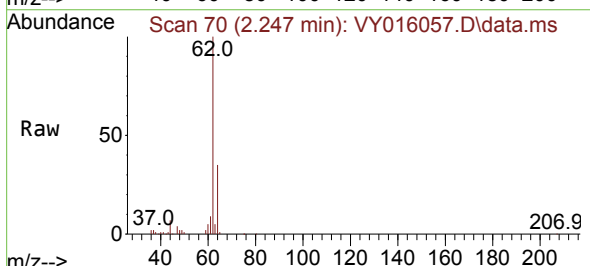
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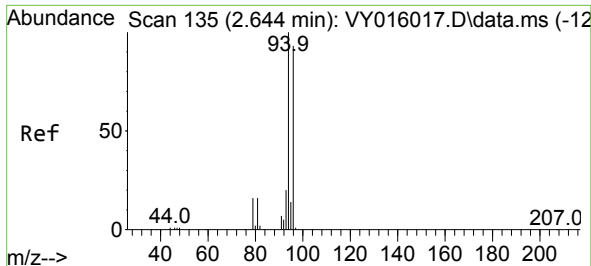
Tgt Ion: 62 Resp: 42819

Ion Ratio Lower Upper

62 100

64 34.5 24.3 36.5





#5

Bromomethane

Concen: 19.014 ug/l

RT: 2.656 min Scan# 11

Delta R.T. 0.012 min

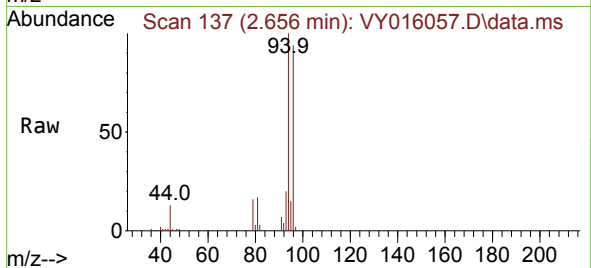
Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

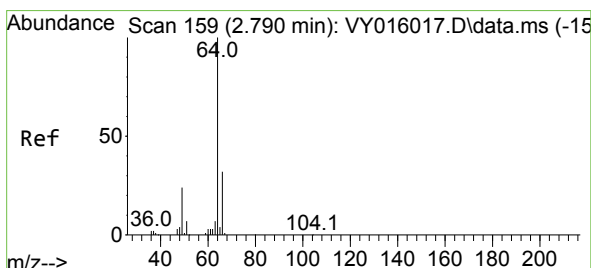
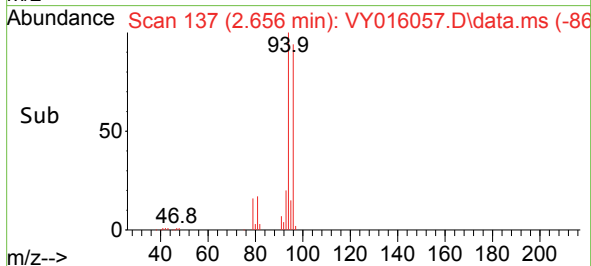
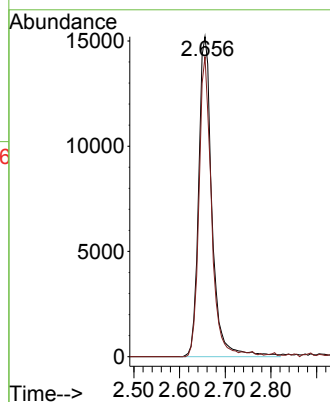


Tgt Ion: 94 Resp: 30940

Ion Ratio Lower Upper

94 100

96 93.8 75.8 113.6



#6

Chloroethane

Concen: 17.130 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.006 min

Lab File: VY016057.D

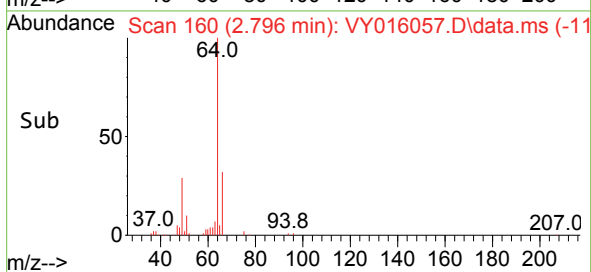
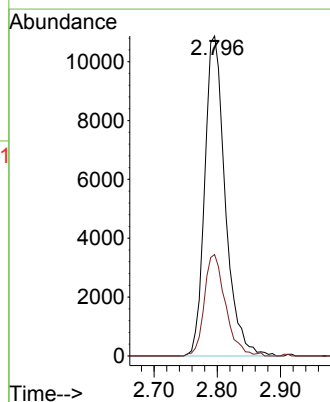
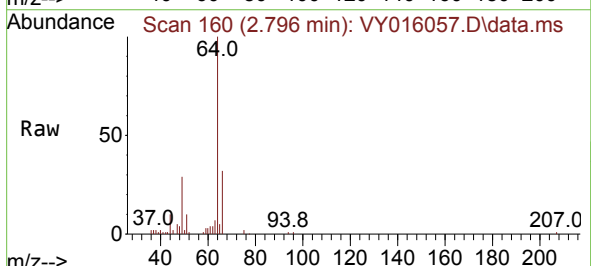
Acq: 20 Oct 2023 11:05

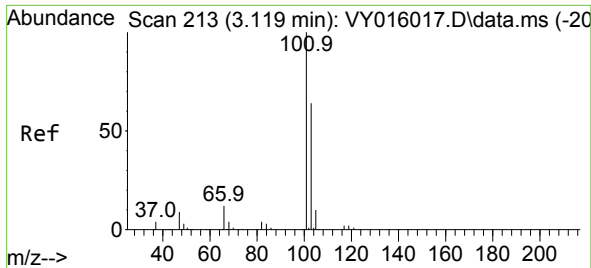
Tgt Ion: 64 Resp: 24572

Ion Ratio Lower Upper

64 100

66 31.7 24.4 36.6

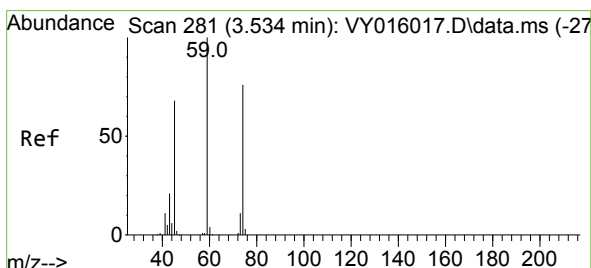
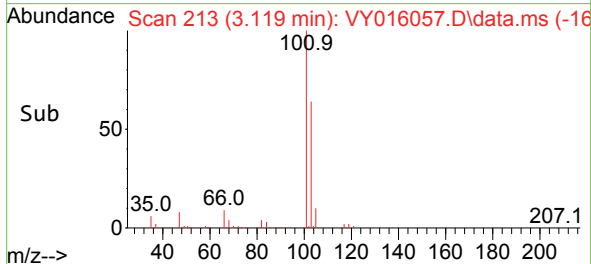
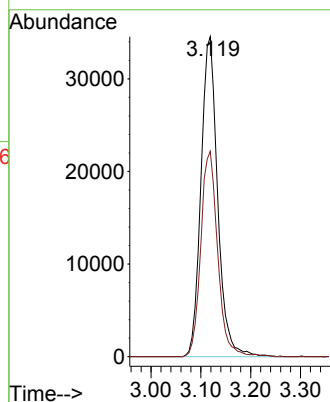
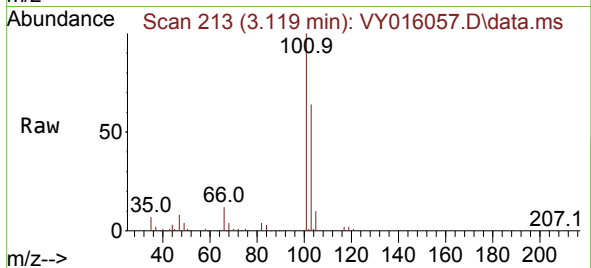




#7
 Trichlorofluoromethane
 Concen: 23.665 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05

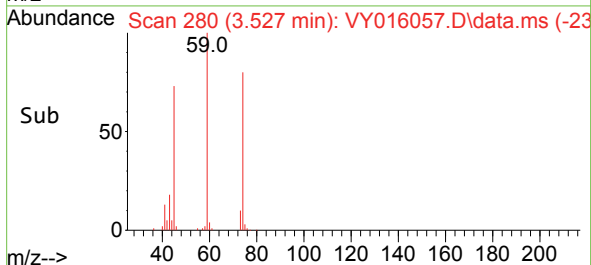
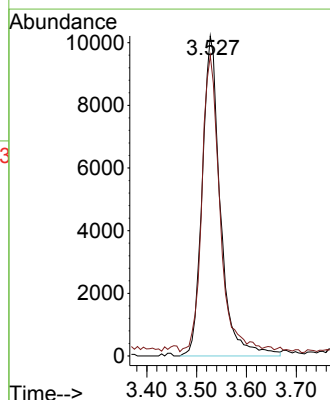
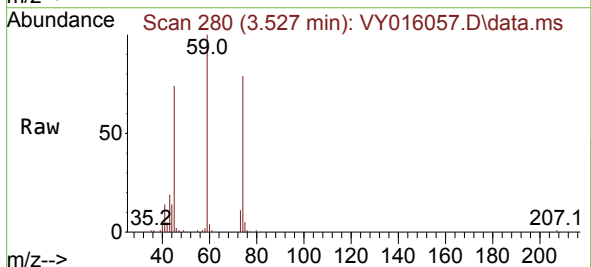
Instrument :
 MSVOA_Y
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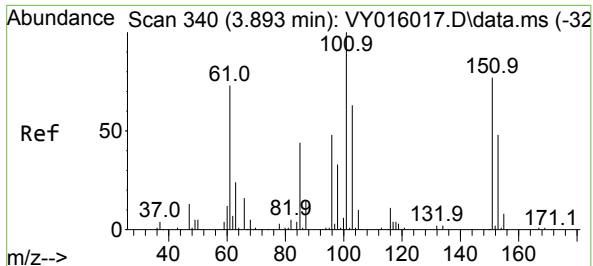
Tgt Ion:101 Resp: 80339
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.581 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. -0.006 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05

Tgt Ion: 74 Resp: 25884
 Ion Ratio Lower Upper
 74 100
 45 91.4 51.5 154.5

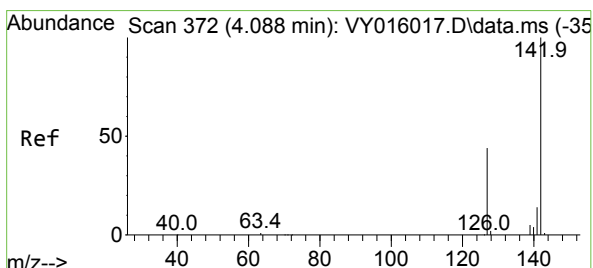
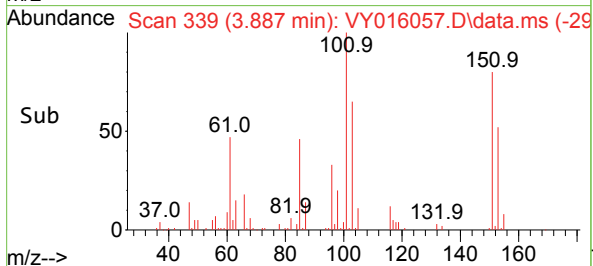
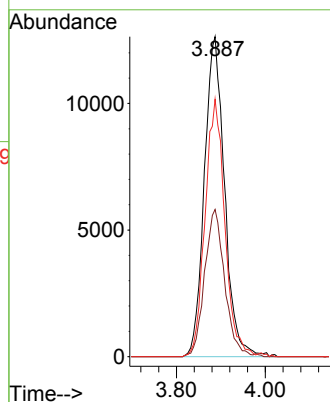
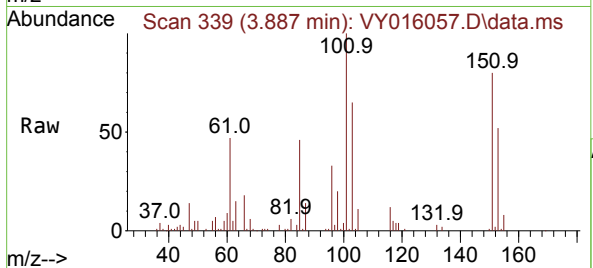




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.455 ug/l
RT: 3.887 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY016057.D
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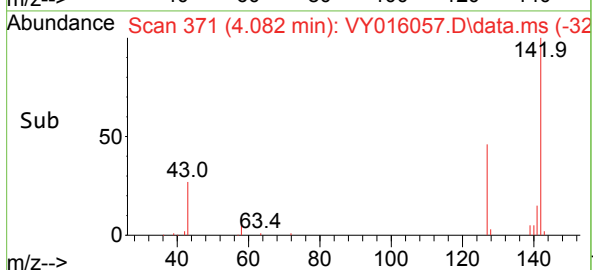
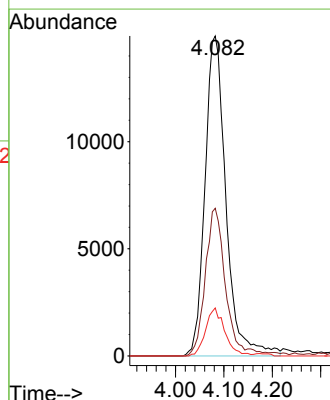
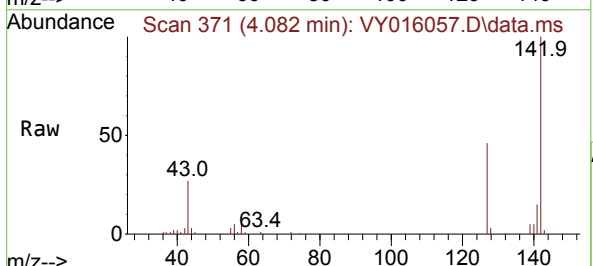
Instrument :
MSVOA_Y
ClientSampleId :

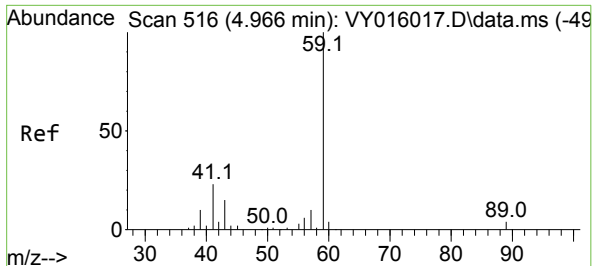
Tgt Ion:101 Resp: 39944
Ion Ratio Lower Upper
101 100
85 45.6 36.6 55.0
151 78.4 67.0 100.6



#10
Methyl Iodide
Concen: 17.659 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:142 Resp: 45030
Ion Ratio Lower Upper
142 100
127 44.4 37.6 56.4
141 13.7 11.8 17.8





#11

Tert butyl alcohol

Concen: 18.967 ug/l

RT: 4.917 min Scan# 508

Delta R.T. -0.049 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

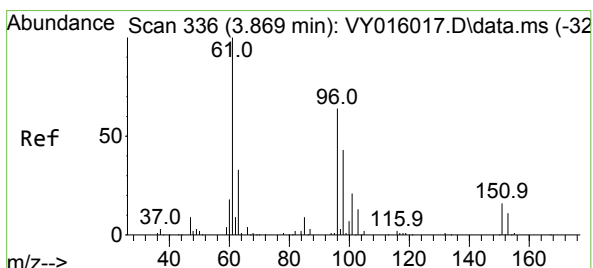
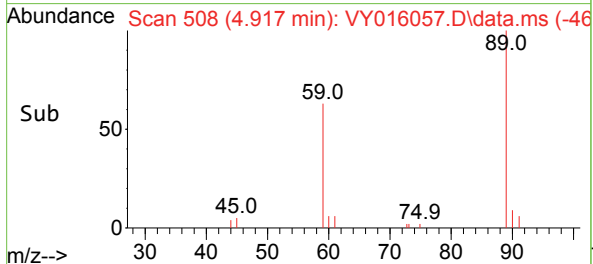
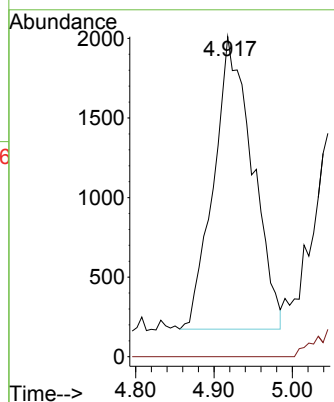
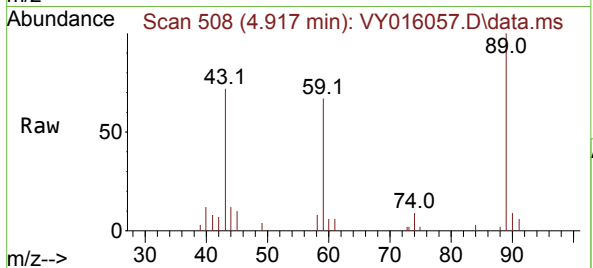
ClientSampleId :

Tgt Ion: 59 Resp: 6338

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.374 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.012 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

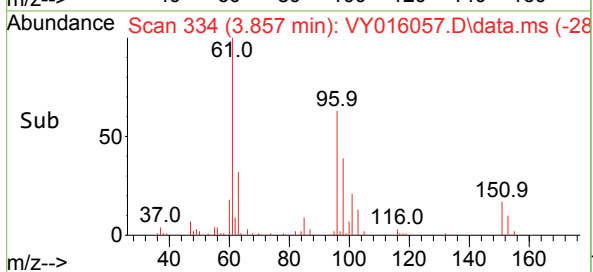
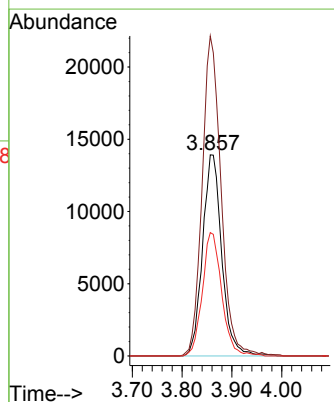
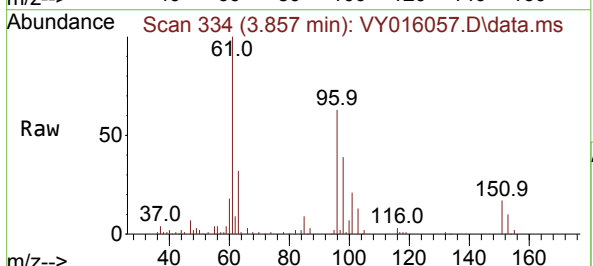
Tgt Ion: 96 Resp: 37228

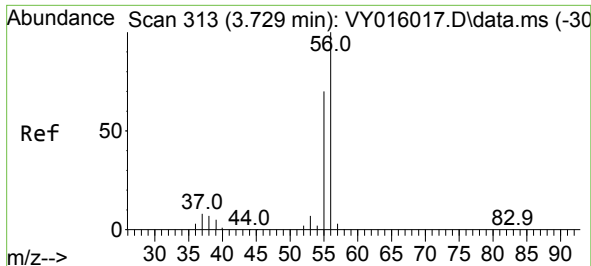
Ion Ratio Lower Upper

96 100

61 159.1 136.4 204.6

98 61.4 49.4 74.2





#13

Acrolein

Concen: 134.544 ug/l

RT: 3.741 min Scan# 313

Delta R.T. 0.012 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

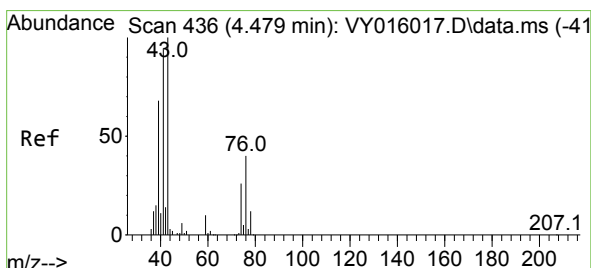
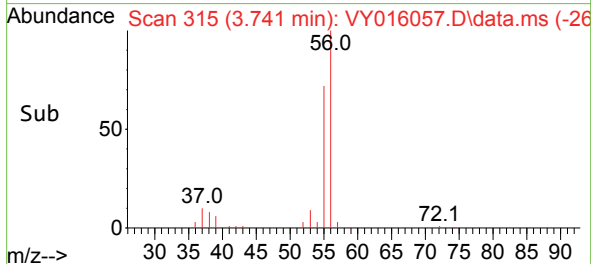
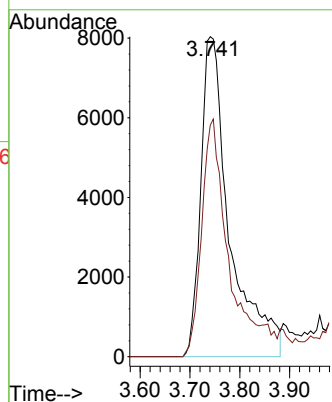
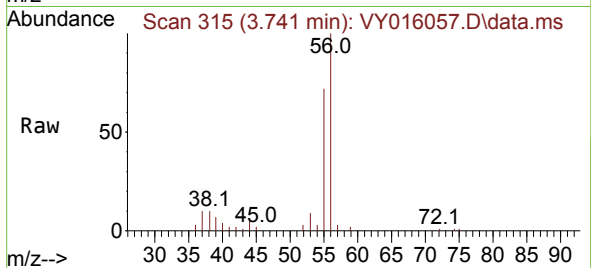
ClientSampleId :

Tgt Ion: 56 Resp: 32326

Ion Ratio Lower Upper

56 100

55 66.2 57.0 85.4



#14

Allyl chloride

Concen: 20.425 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

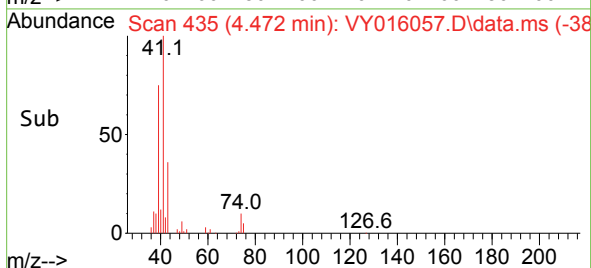
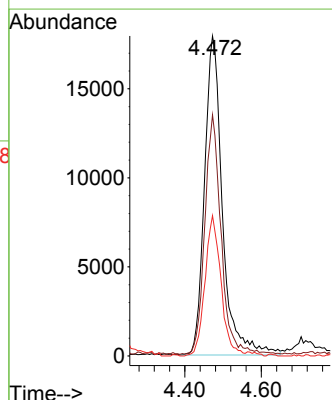
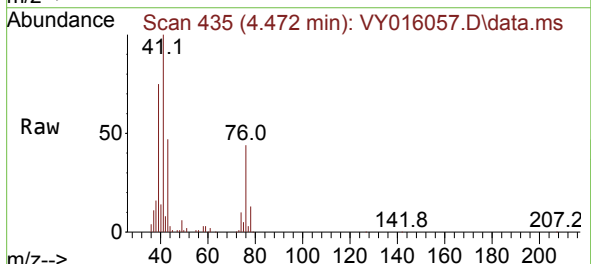
Tgt Ion: 41 Resp: 58356

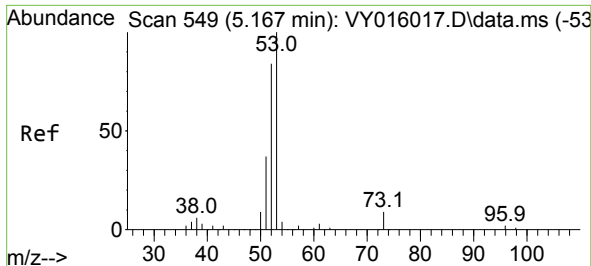
Ion Ratio Lower Upper

41 100

39 68.2 58.0 87.0

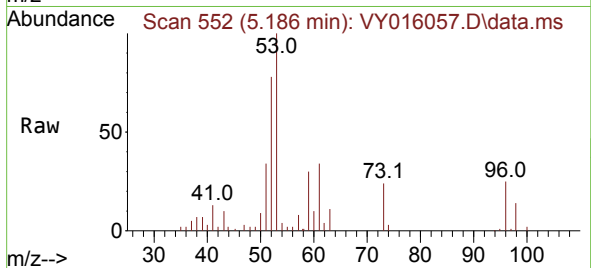
76 39.2 27.4 41.2



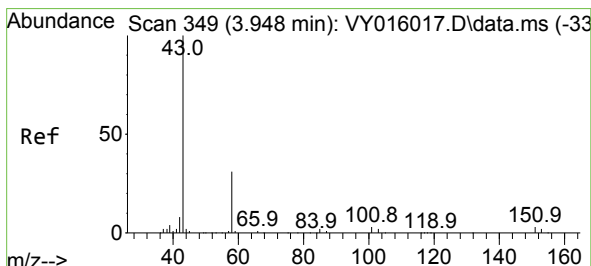
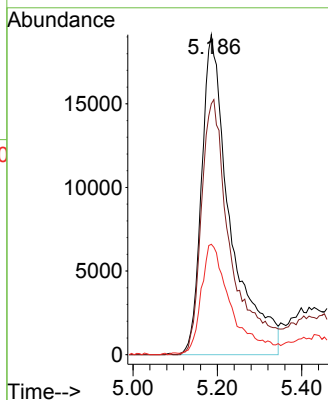
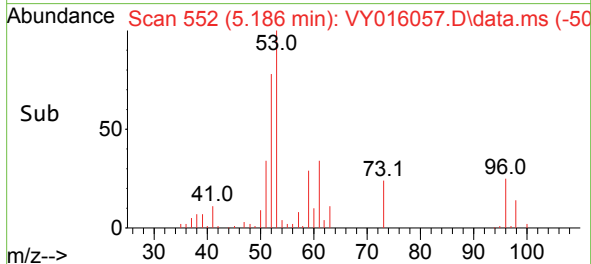


#15
Acrylonitrile
Concen: 126.486 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

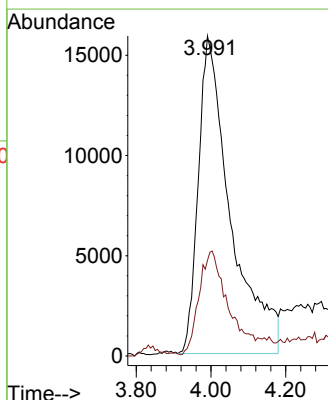
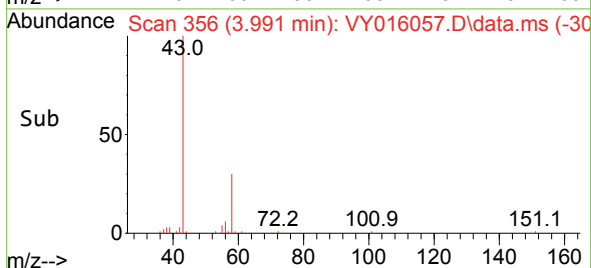
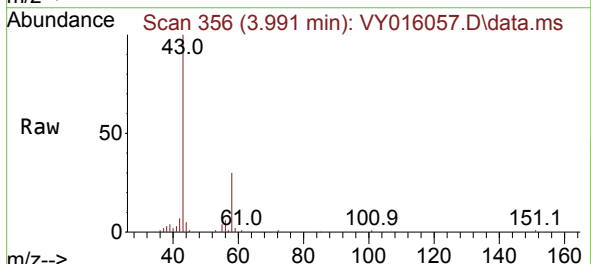


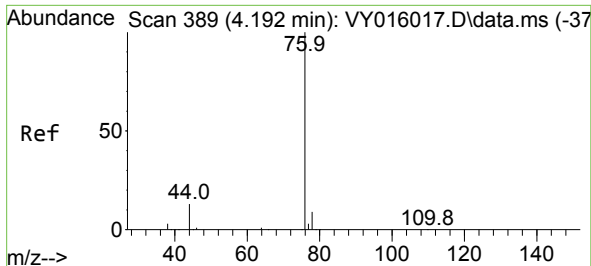
Tgt Ion:	53	Resp:	90504
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.9	100.3
51	34.8	29.8	44.6



#16
Acetone
Concen: 118.374 ug/l
RT: 3.991 min Scan# 356
Delta R.T. 0.043 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:	43	Resp:	94988
Ion	Ratio	Lower	Upper
43	100		
58	29.4	22.7	34.1





#17

Carbon Disulfide

Concen: 19.340 ug/l

RT: 4.186 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

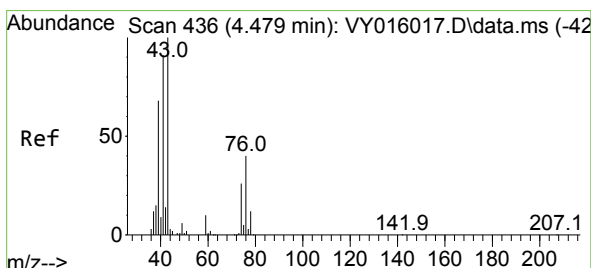
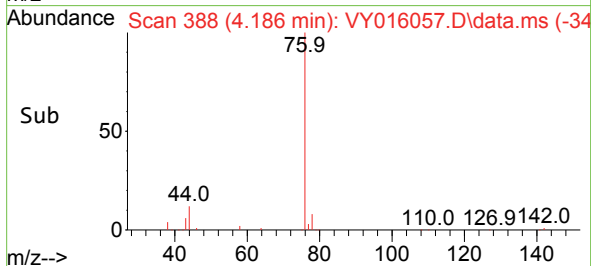
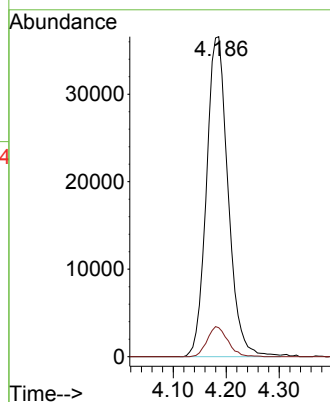
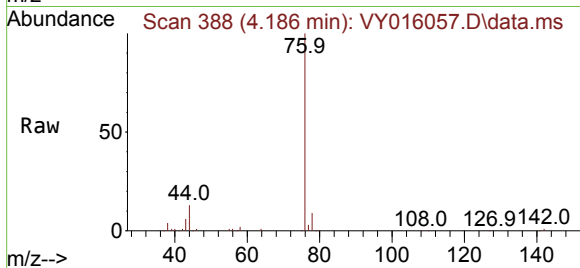
ClientSampleId :

Tgt Ion: 76 Resp: 103524

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4



#18

Methyl Acetate

Concen: 21.395 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.018 min

Lab File: VY016057.D

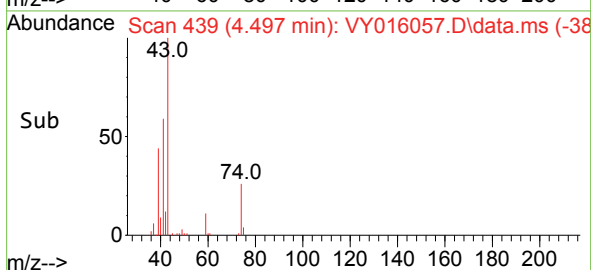
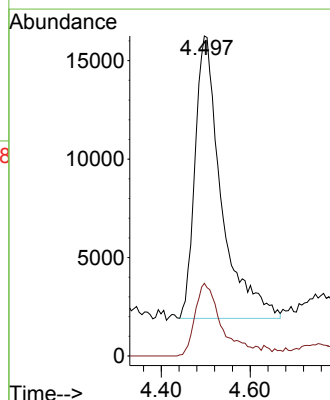
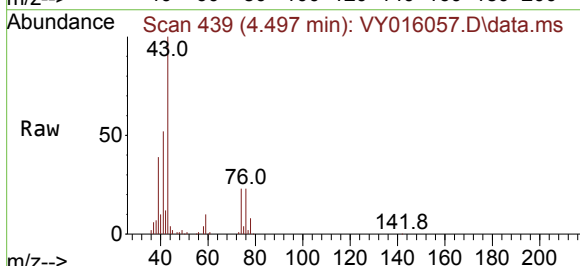
Acq: 20 Oct 2023 11:05

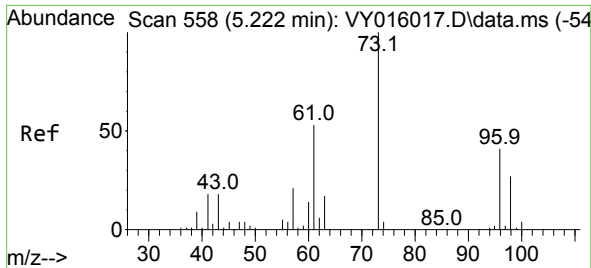
Tgt Ion: 43 Resp: 59092

Ion Ratio Lower Upper

43 100

74 25.6 17.4 26.0

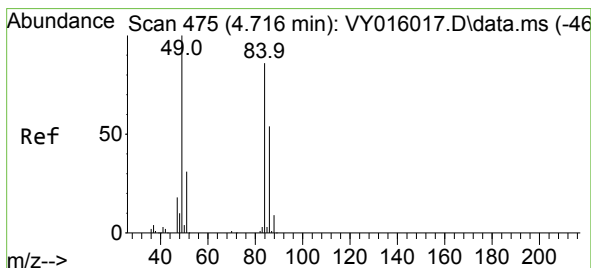
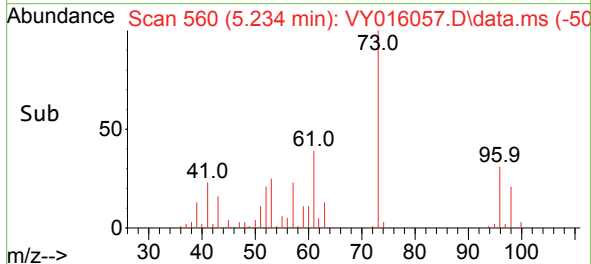
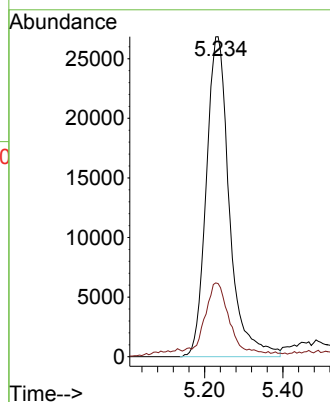
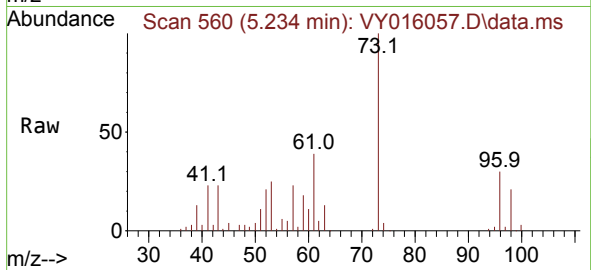




#19
Methyl tert-butyl Ether
Concen: 18.615 ug/l
RT: 5.234 min Scan# 509
Delta R.T. 0.012 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

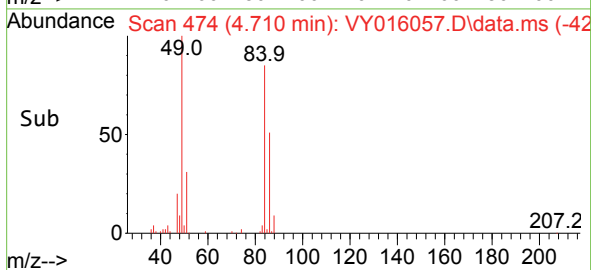
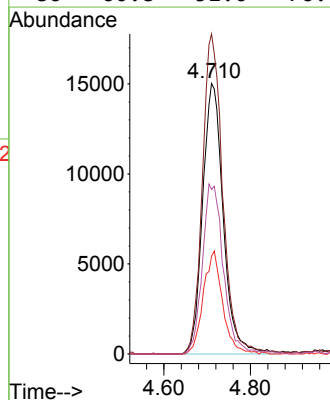
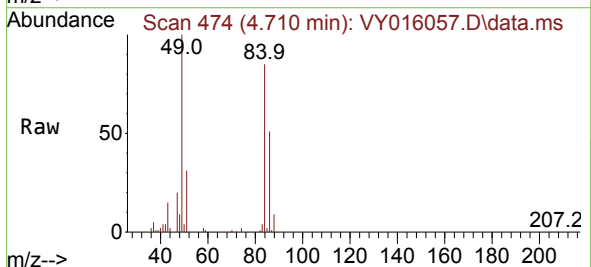
Instrument :
MSVOA_Y
ClientSampleId :

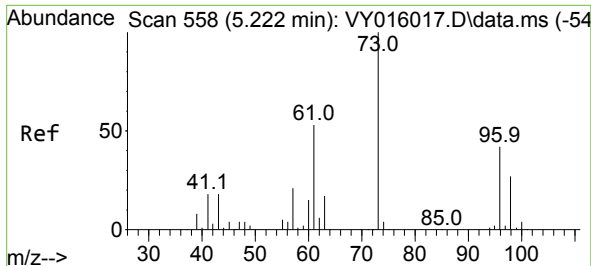
Tgt Ion: 73 Resp: 109729
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 20.893 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 84 Resp: 49806
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 36.2 33.2 49.8
86 60.8 51.0 76.6

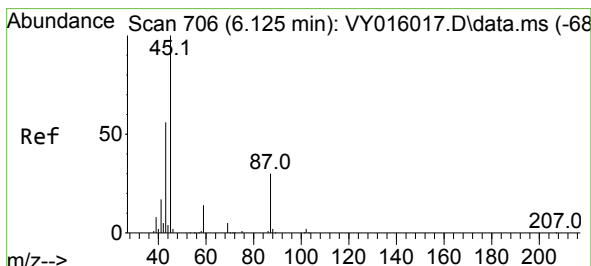
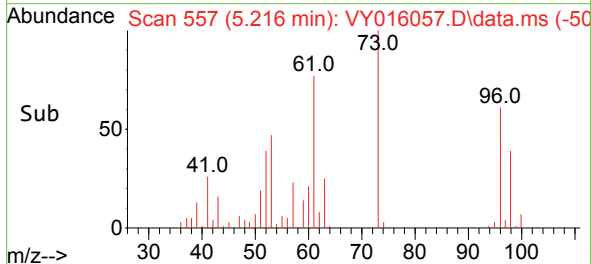
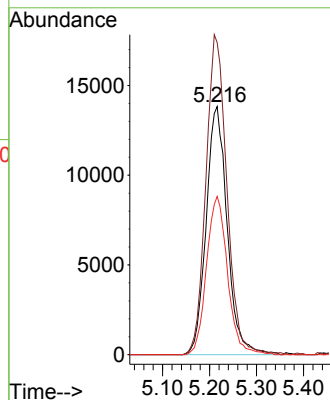
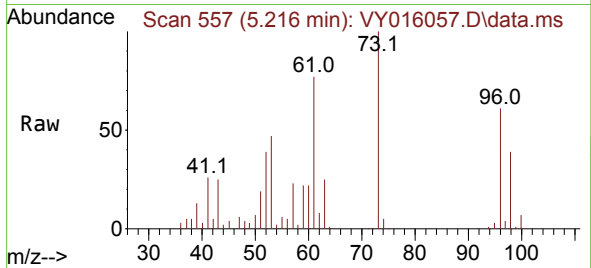




#21
trans-1,2-Dichloroethene
Concen: 20.218 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

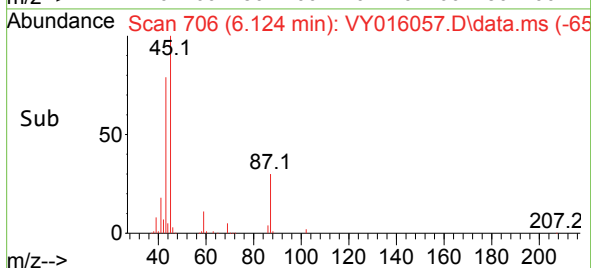
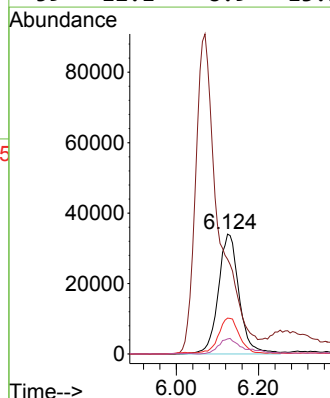
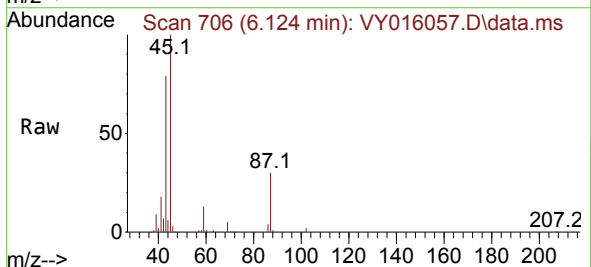
Instrument :
MSVOA_Y
ClientSampleId :

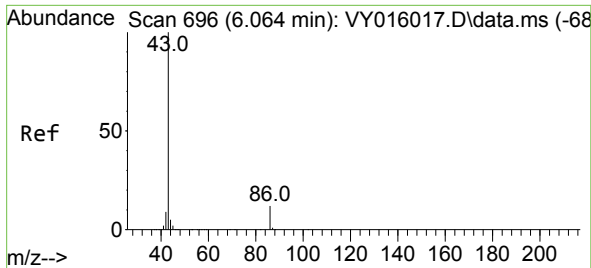
Tgt Ion: 96 Resp: 43020
Ion Ratio Lower Upper
96 100
61 125.7 110.2 165.4
98 63.8 51.8 77.6



#22
Diisopropyl ether
Concen: 19.207 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 45 Resp: 119490
Ion Ratio Lower Upper
45 100
43 77.7 52.2 78.4
87 29.4 21.0 31.6
59 12.1 8.9 13.3

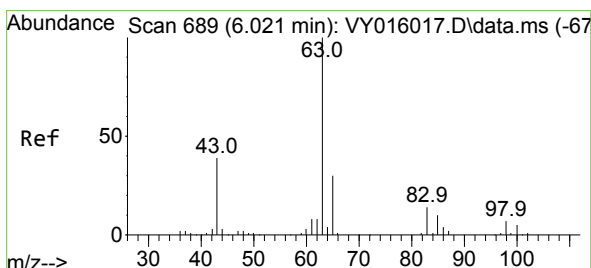
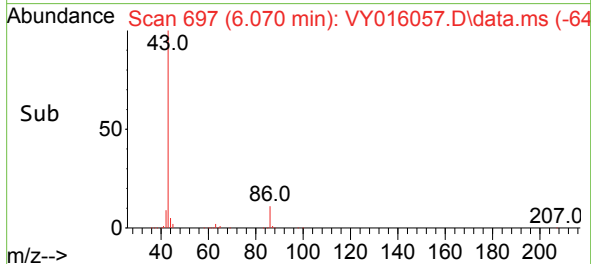
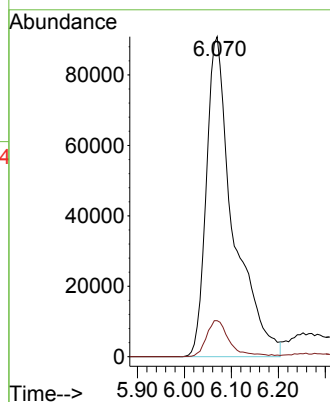
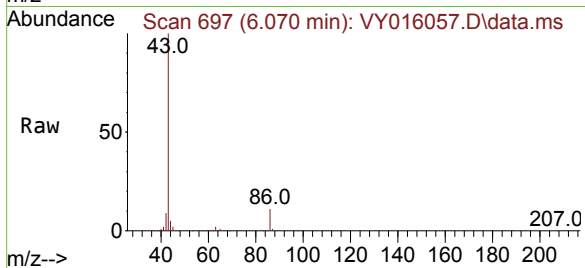




#23
 Vinyl Acetate
 Concen: 93.383 ug/l
 RT: 6.070 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05

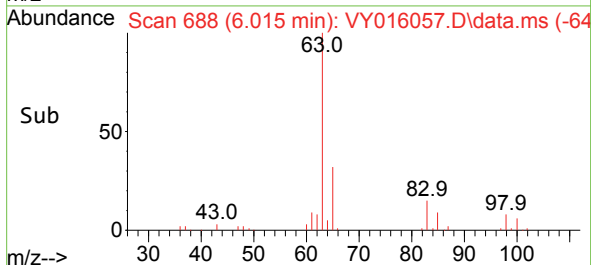
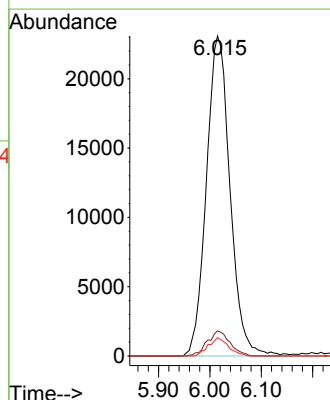
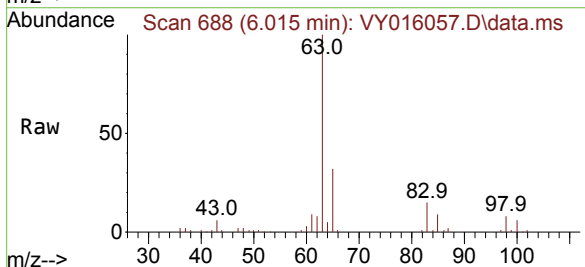
Instrument :
 MSVOA_Y
 ClientSampleId :

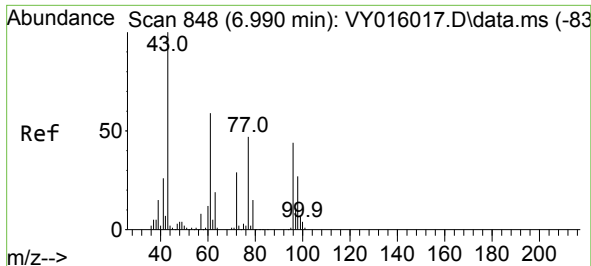
Tgt Ion: 43 Resp: 360377
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.961 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05

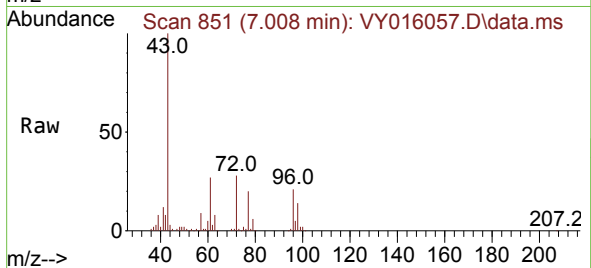
Tgt Ion: 63 Resp: 73673
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.7 1.8 5.5#



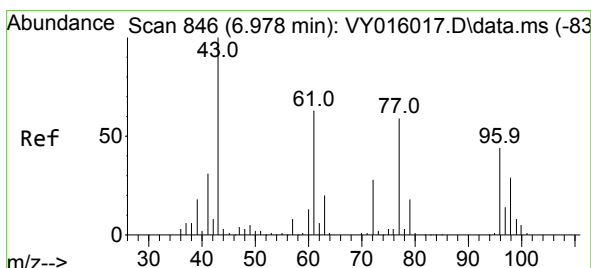
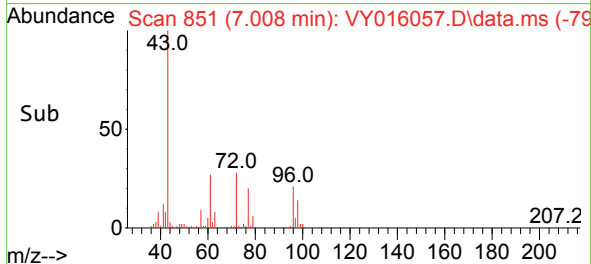
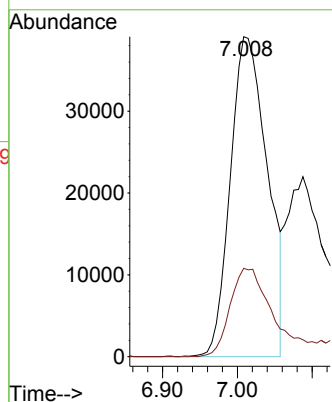


#25
2-Butanone
Concen: 122.372 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

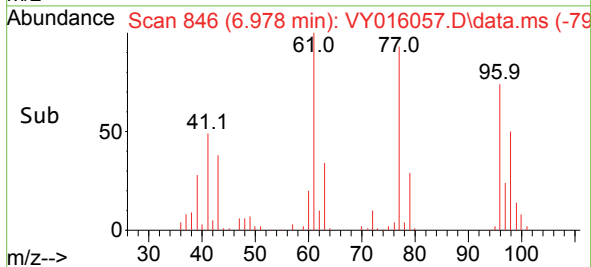
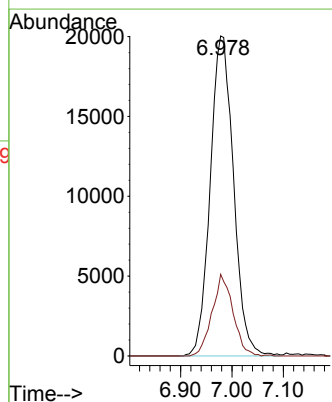
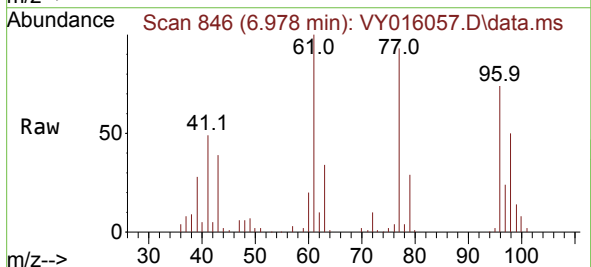


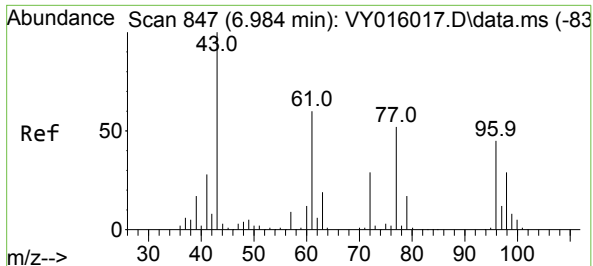
Tgt Ion: 43 Resp: 134503
Ion Ratio Lower Upper
43 100
72 27.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.011 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 77 Resp: 63129
Ion Ratio Lower Upper
77 100
97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.792 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

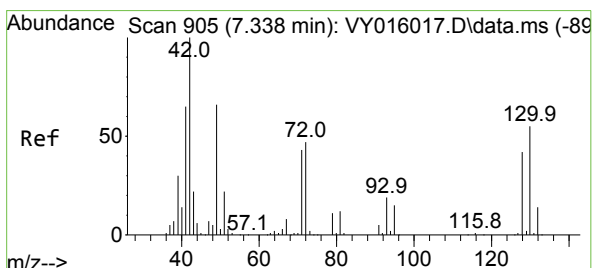
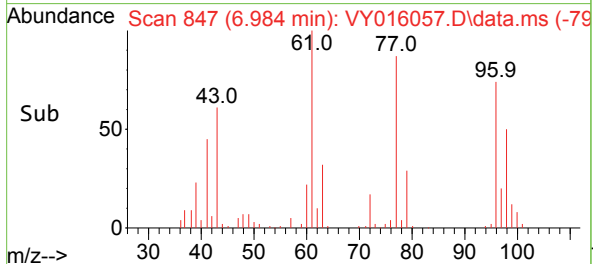
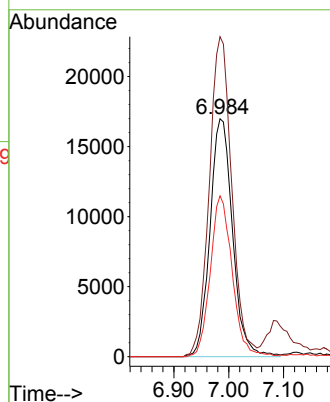
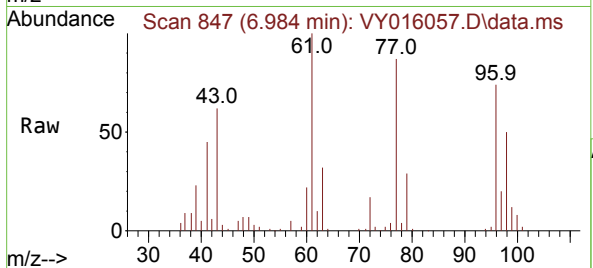
Tgt Ion: 96 Resp: 48501

Ion Ratio Lower Upper

96 100

61 133.8 0.0 301.4

98 65.5 0.0 130.4



#28

Bromochloromethane

Concen: 20.191 ug/l

RT: 7.332 min Scan# 904

Delta R.T. -0.006 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

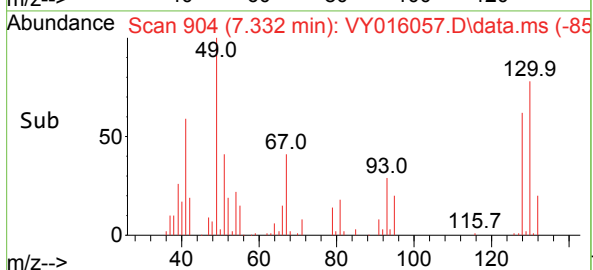
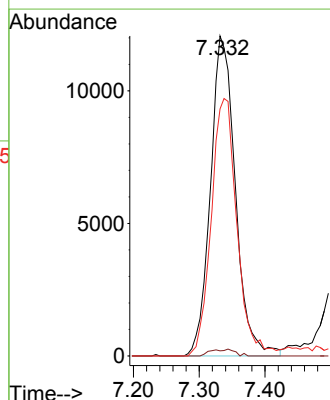
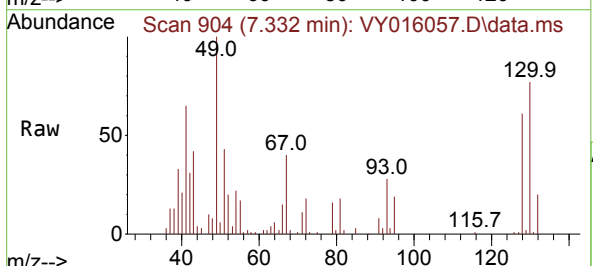
Tgt Ion: 49 Resp: 31870

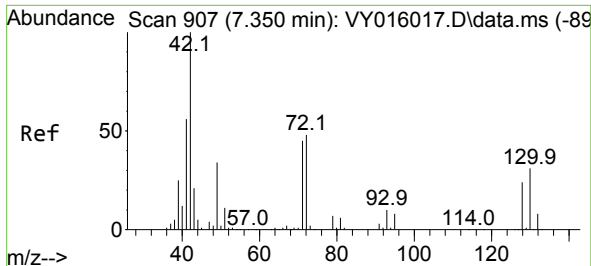
Ion Ratio Lower Upper

49 100

129 1.0 0.0 4.6

130 82.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 133.142 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.018 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

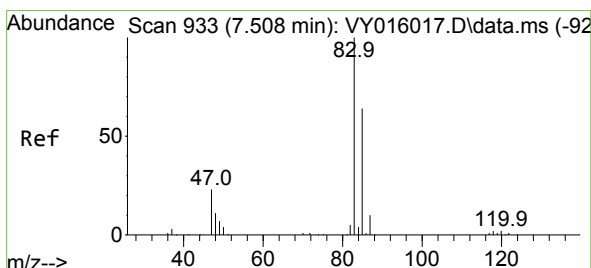
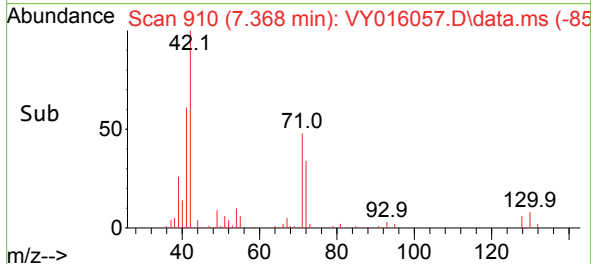
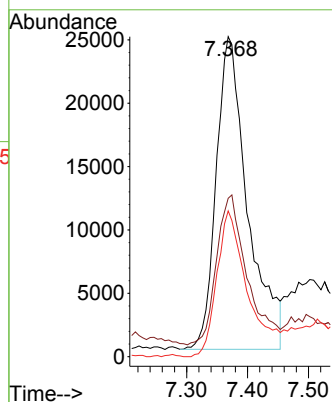
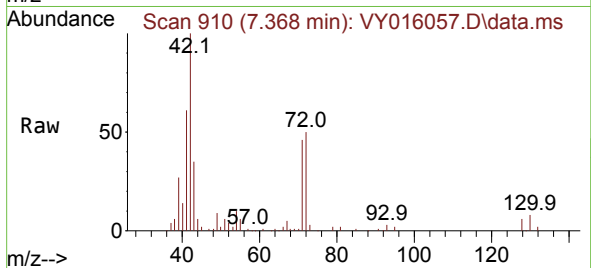
Tgt Ion: 42 Resp: 88580

Ion Ratio Lower Upper

42 100

72 46.5 32.8 49.2

71 45.7 31.0 46.4



#30

Chloroform

Concen: 19.841 ug/l

RT: 7.508 min Scan# 933

Delta R.T. -0.000 min

Lab File: VY016057.D

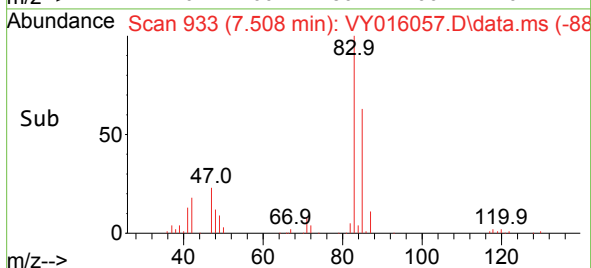
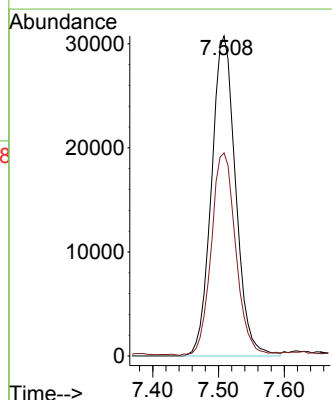
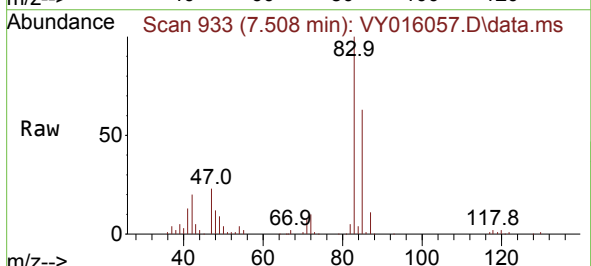
Acq: 20 Oct 2023 11:05

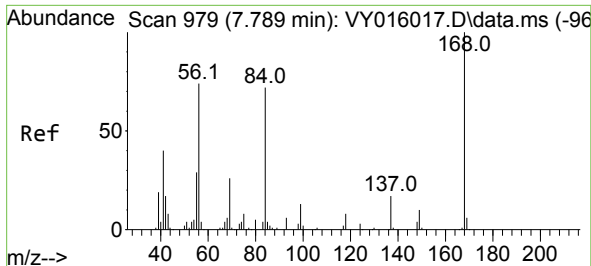
Tgt Ion: 83 Resp: 78515

Ion Ratio Lower Upper

83 100

85 63.2 49.7 74.5

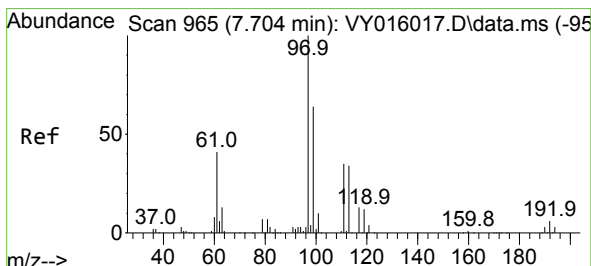
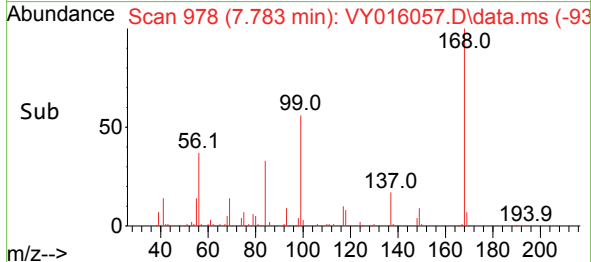
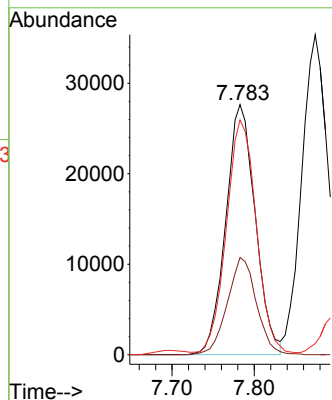
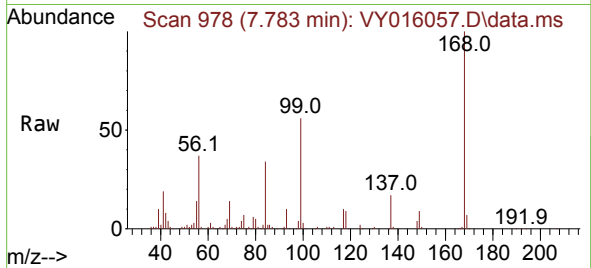




#31
Cyclohexane
Concen: 20.405 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

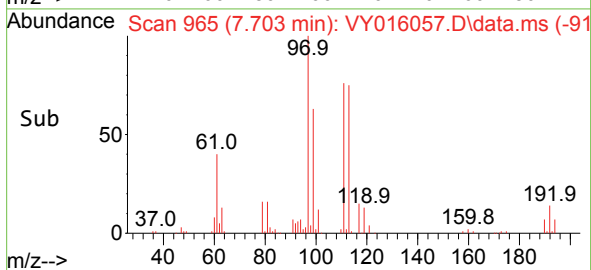
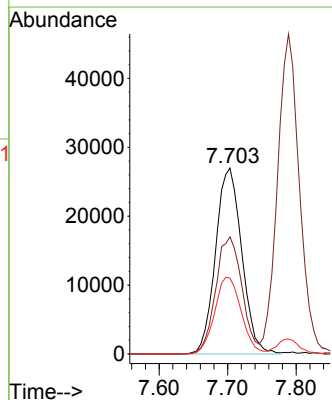
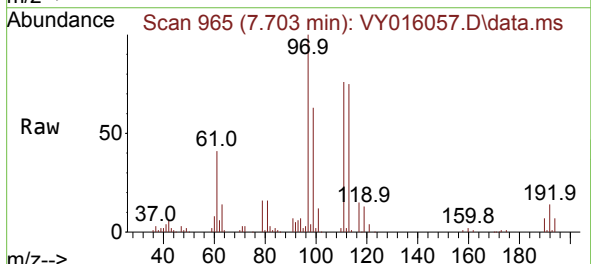
Instrument :
MSVOA_Y
ClientSampleId :

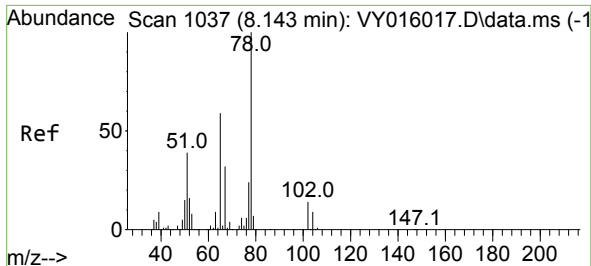
Tgt Ion: 56 Resp: 69136
Ion Ratio Lower Upper
56 100
69 38.8 27.8 41.6
84 92.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.230 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 97 Resp: 71628
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 41.7 35.1 52.7

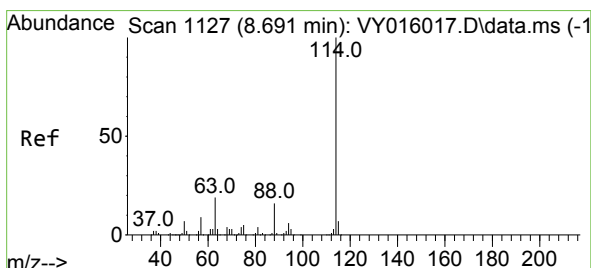
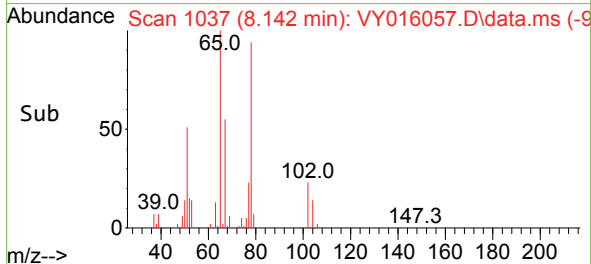
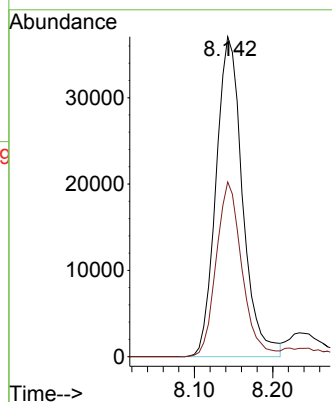
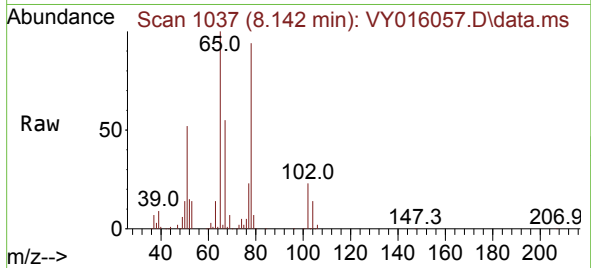




#33
 1,2-Dichloroethane-d4
 Concen: 40.426 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05

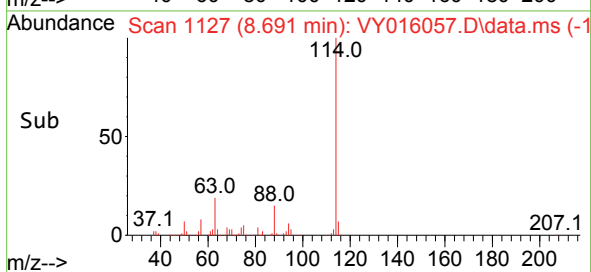
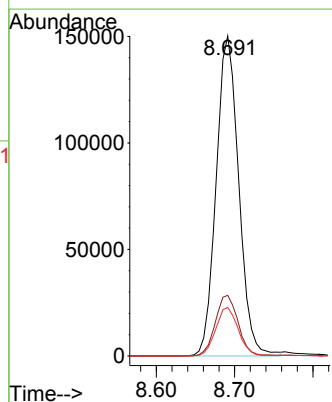
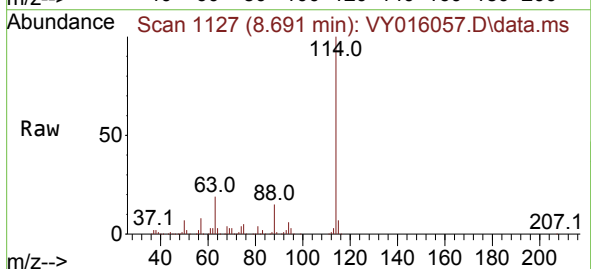
Instrument :
 MSVOA_Y
 ClientSampleId :

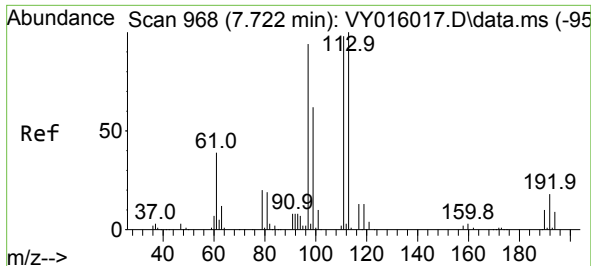
Tgt Ion: 65 Resp: 87511
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05

Tgt Ion:114 Resp: 301105
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.1 0.0 30.6

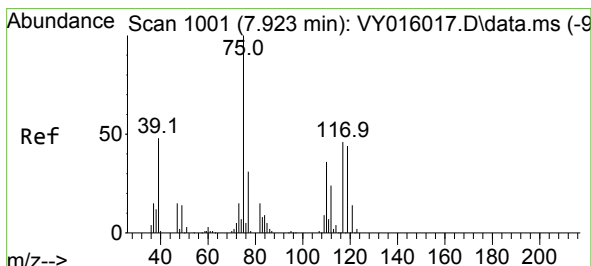
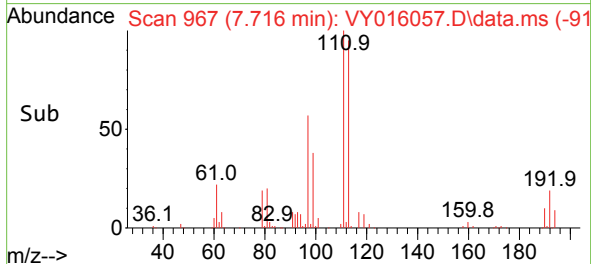
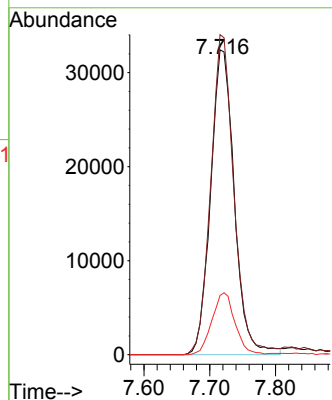
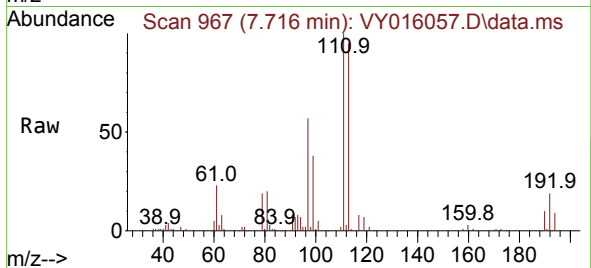




#35
Dibromofluoromethane
Concen: 41.031 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

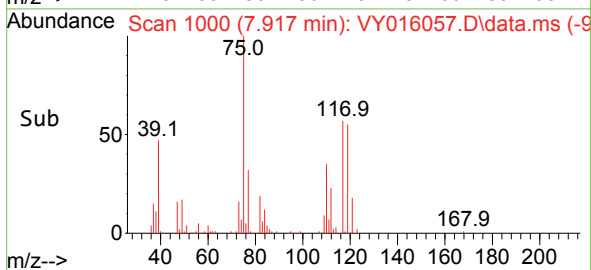
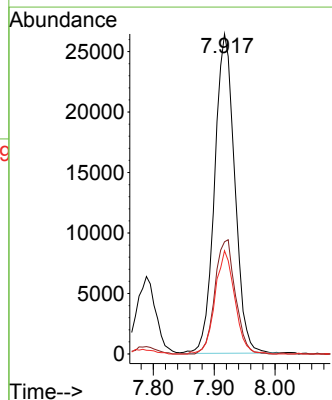
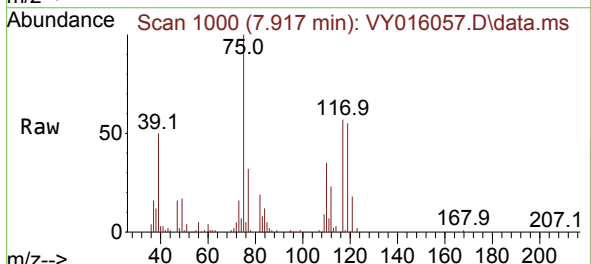
Instrument :
MSVOA_Y
ClientSampleId :

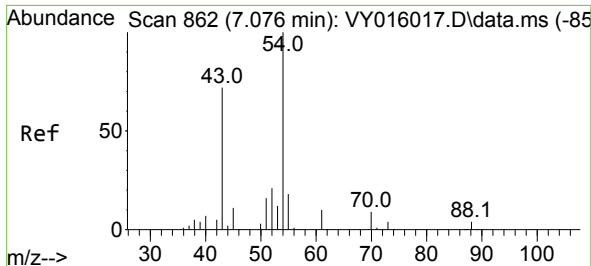
Tgt Ion:113 Resp: 81319
Ion Ratio Lower Upper
113 100
111 102.3 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.298 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 75 Resp: 60525
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 16.166 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.012 min

Lab File: VY016057.D

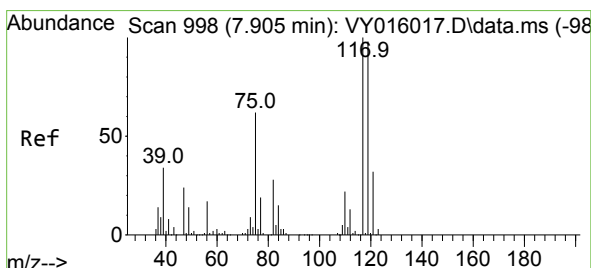
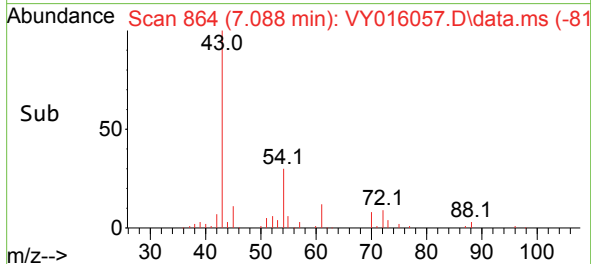
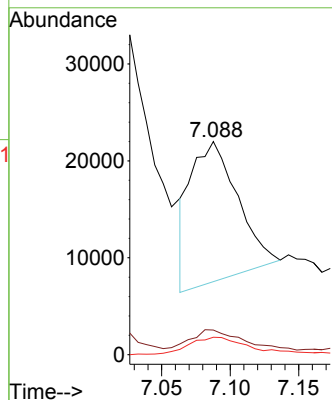
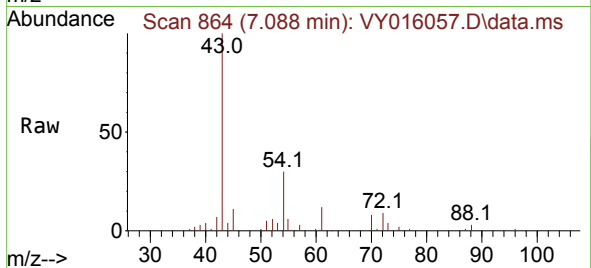
Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	34746
Ion	Ratio	Lower	Upper
43	100		
61	16.4	10.1	15.1#
70	16.9	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 20.188 ug/l

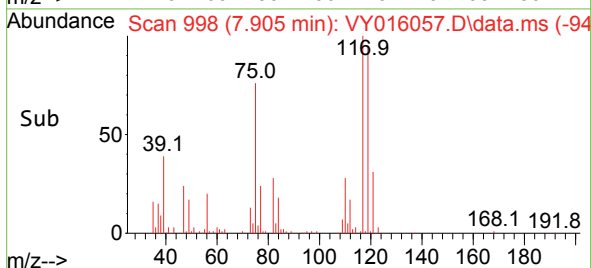
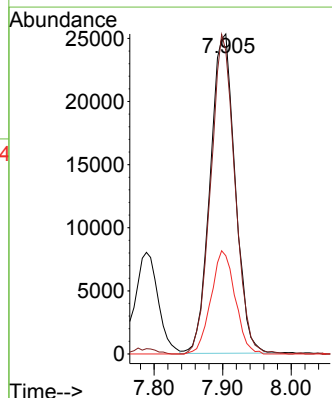
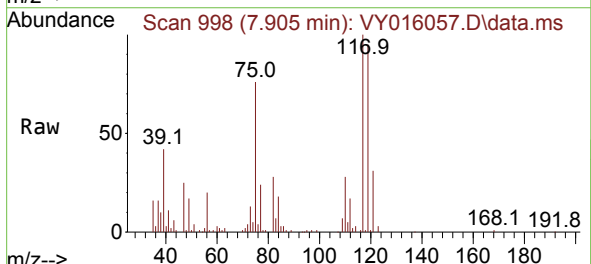
RT: 7.905 min Scan# 998

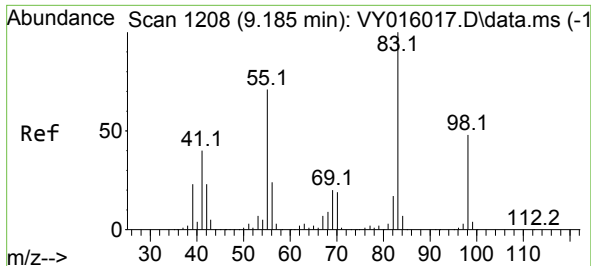
Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Tgt Ion:	117	Resp:	63980
Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.4	114.6
121	30.8	25.8	38.6





#39

Methylcyclohexane

Concen: 20.234 ug/l

RT: 9.185 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

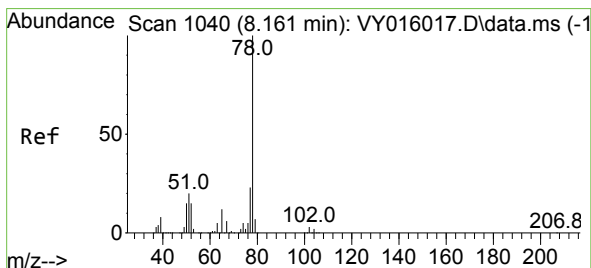
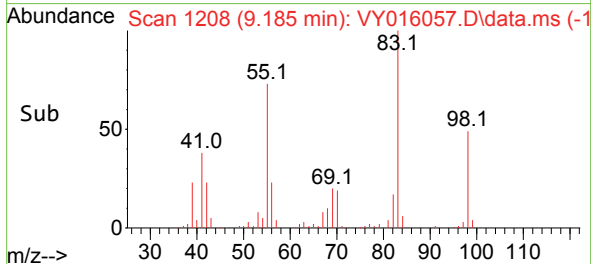
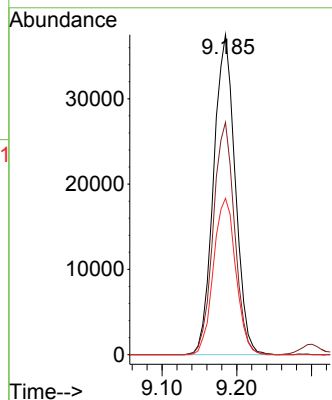
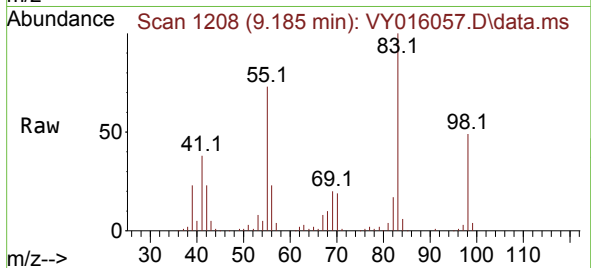
Tgt Ion: 83 Resp: 75399

Ion Ratio Lower Upper

83 100

55 72.6 63.0 94.4

98 48.8 37.4 56.2



#40

Benzene

Concen: 20.193 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016057.D

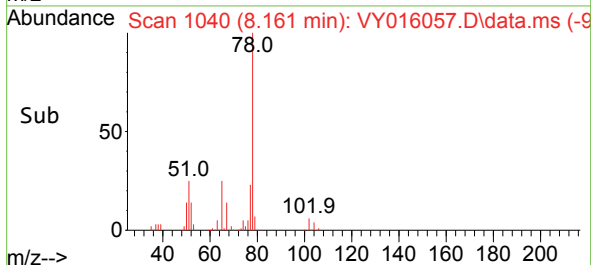
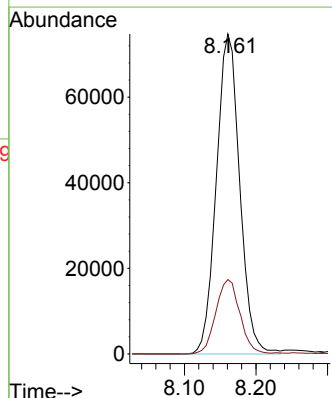
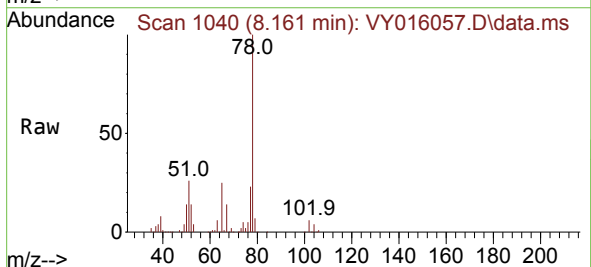
Acq: 20 Oct 2023 11:05

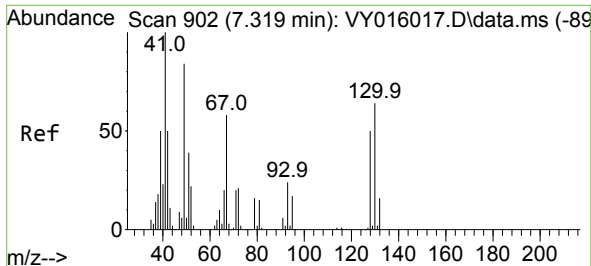
Tgt Ion: 78 Resp: 169700

Ion Ratio Lower Upper

78 100

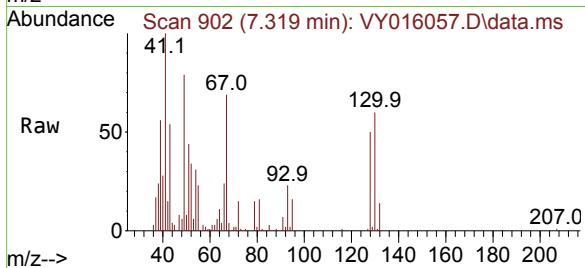
77 23.2 19.0 28.6



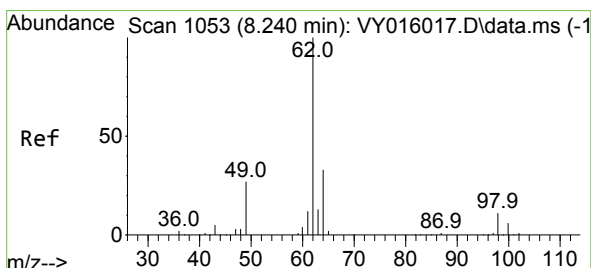
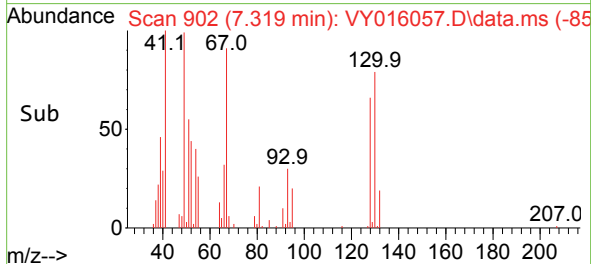
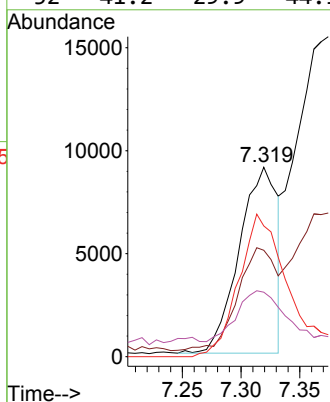


#41
Methacrylonitrile
Concen: 18.370 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

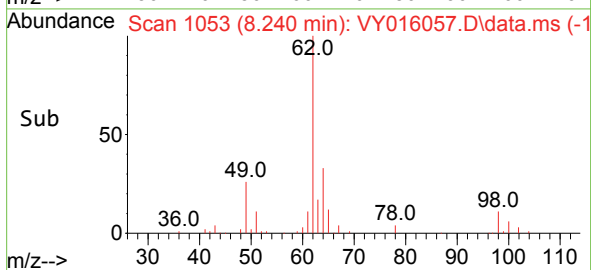
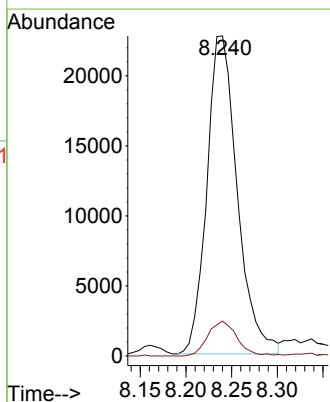
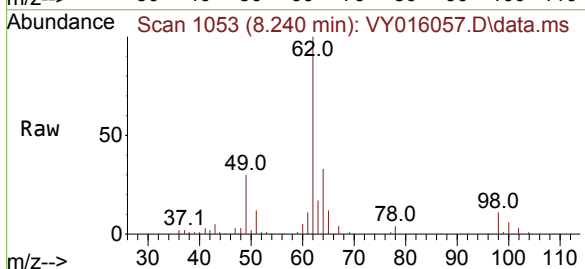


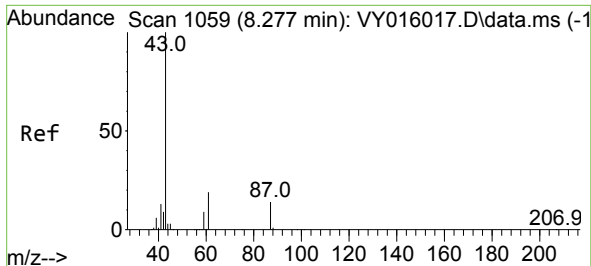
Tgt Ion: 41 Resp: 20482
Ion Ratio Lower Upper
41 100
39 55.1 52.1 78.1
67 103.2 66.2 99.2#
52 41.2 29.9 44.9



#42
1,2-Dichloroethane
Concen: 19.462 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 62 Resp: 52685
Ion Ratio Lower Upper
62 100
98 10.6 0.0 15.8

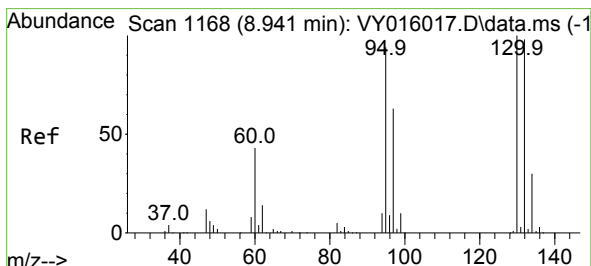
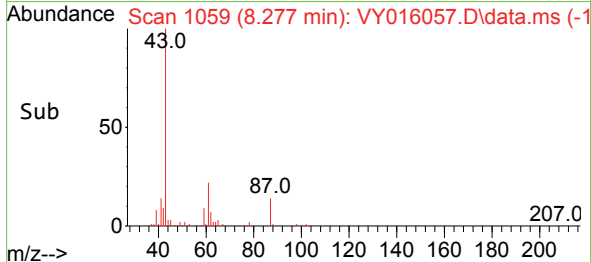
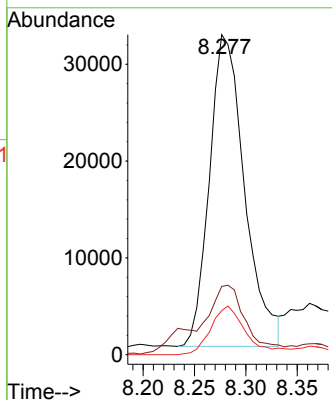
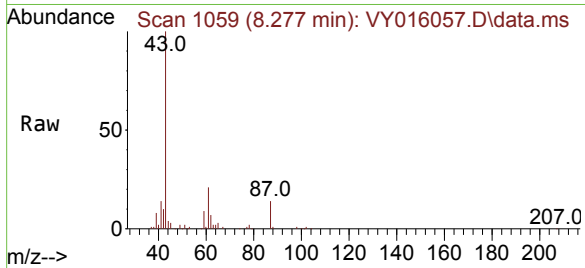




#43
Isopropyl Acetate
Concen: 20.422 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

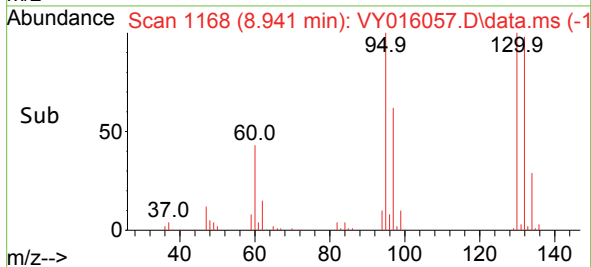
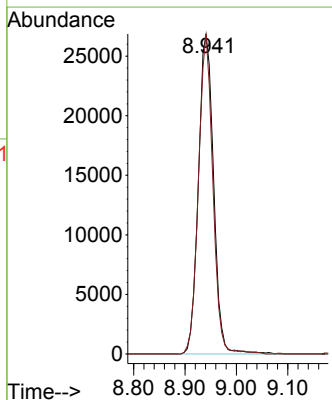
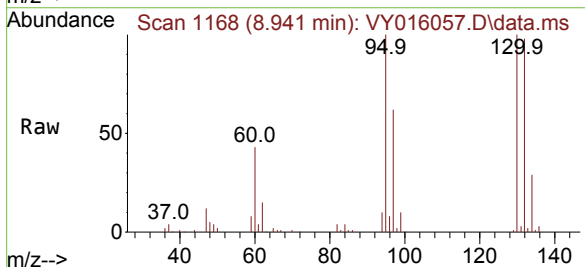
Instrument :
MSVOA_Y
ClientSampleId :

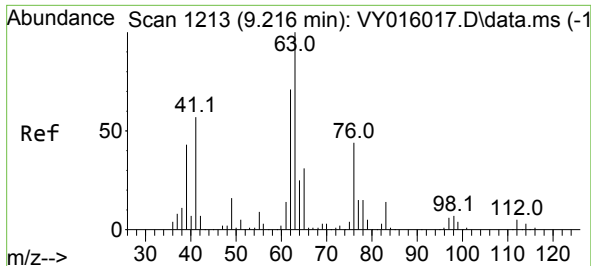
Tgt Ion: 43 Resp: 76743
Ion Ratio Lower Upper
43 100
61 29.8 21.1 31.7
87 15.8 9.8 14.8#



#44
Trichloroethene
Concen: 23.333 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:130 Resp: 54980
Ion Ratio Lower Upper
130 100
95 100.1 0.0 196.0

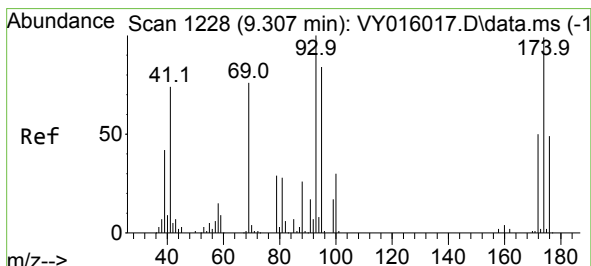
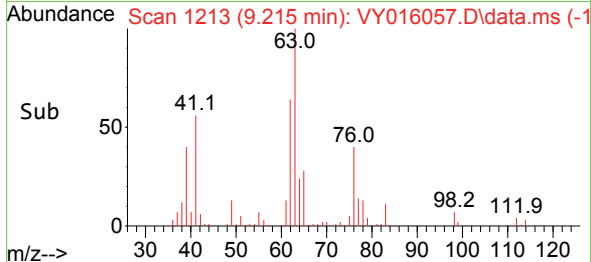
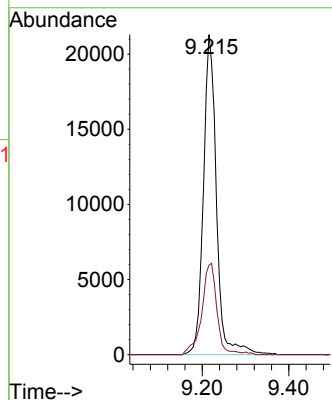
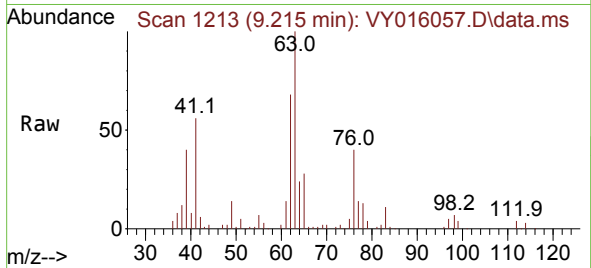




#45
1,2-Dichloropropane
Concen: 21.106 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

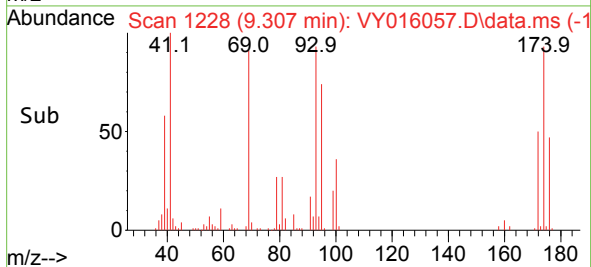
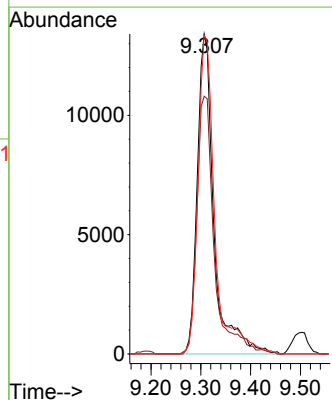
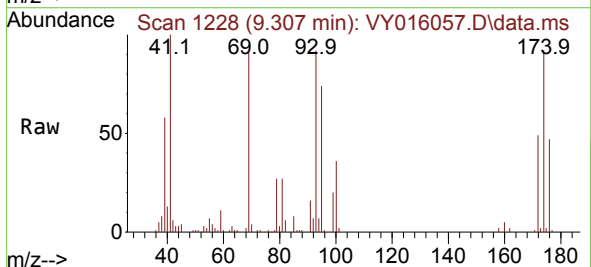
Instrument :
MSVOA_Y
ClientSampleId :

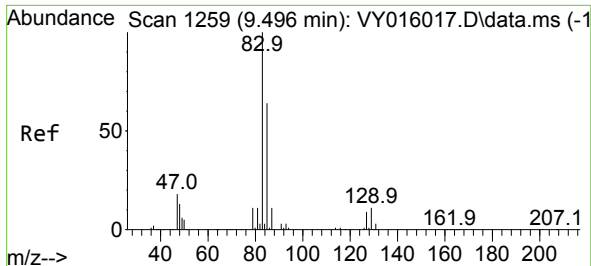
Tgt Ion: 63 Resp: 44389
Ion Ratio Lower Upper
63 100
65 28.0 23.8 35.6



#46
Dibromomethane
Concen: 22.333 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 93 Resp: 31183
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 100.6 84.8 127.2

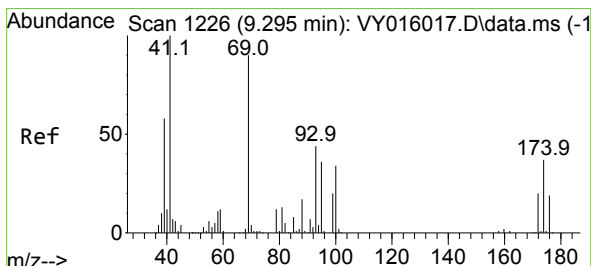
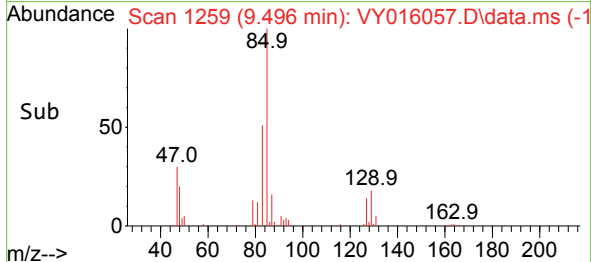
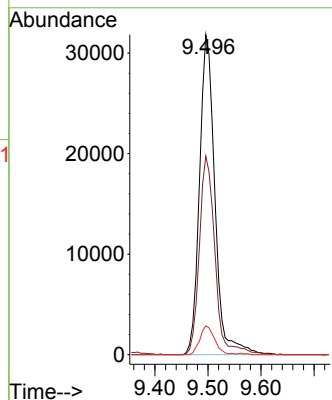
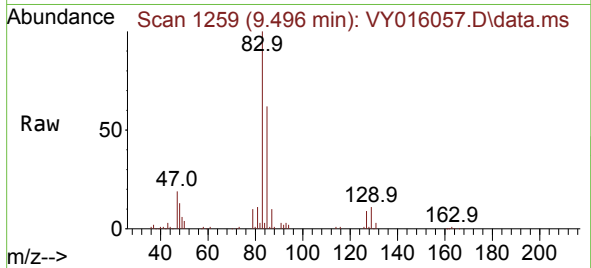




#47
Bromodichloromethane
Concen: 21.041 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

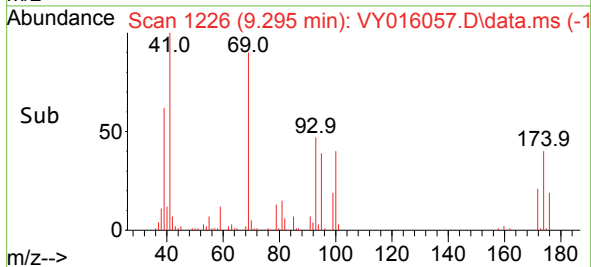
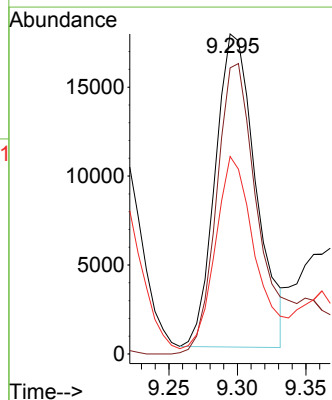
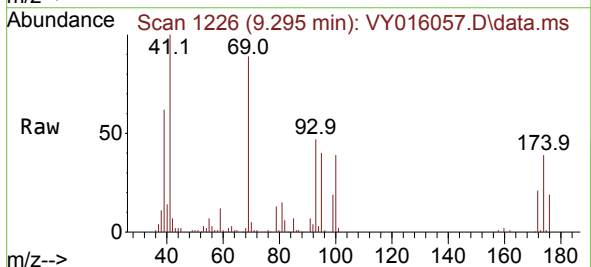
Instrument :
MSVOA_Y
ClientSampleId :

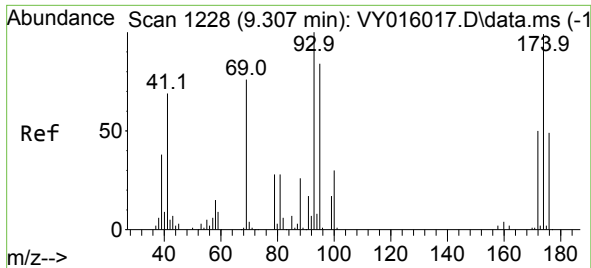
Tgt Ion: 83 Resp: 64389
Ion Ratio Lower Upper
83 100
85 62.1 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 21.310 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 41 Resp: 36451
Ion Ratio Lower Upper
41 100
69 96.9 64.5 96.7#
39 61.0 50.8 76.2

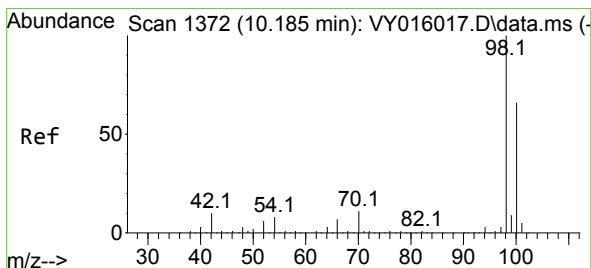
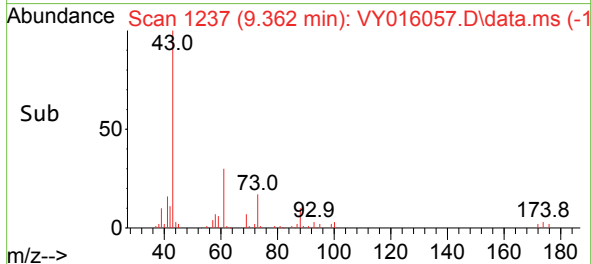
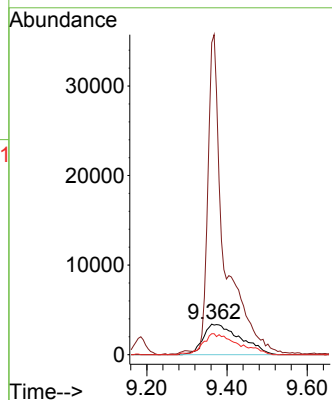
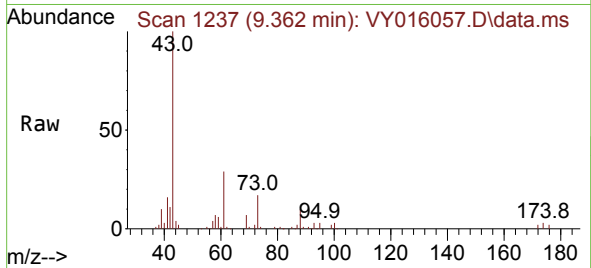




#49
1,4-Dioxane
Concen: 981.328 ug/l
RT: 9.362 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

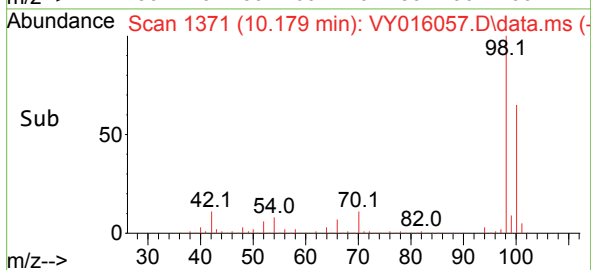
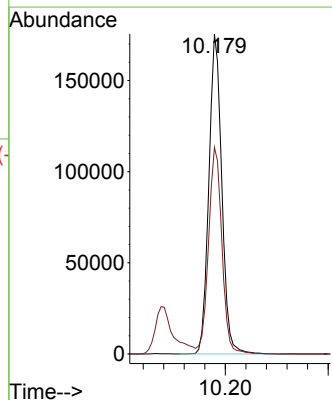
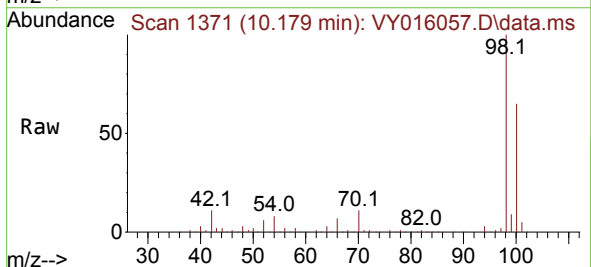
Instrument :
MSVOA_Y
ClientSampleId :

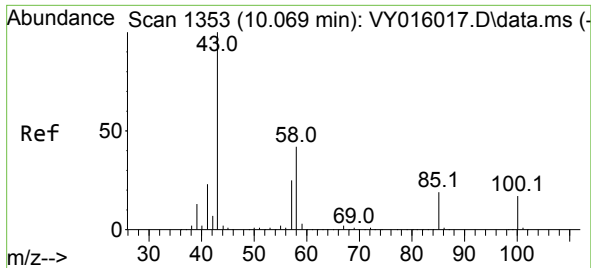
Tgt Ion: 88 Resp: 21818
Ion Ratio Lower Upper
88 100
43 460.5 0.0 0.0#
58 65.5 30.9 46.3#



#50
Toluene-d8
Concen: 42.525 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 98 Resp: 306096
Ion Ratio Lower Upper
98 100
100 66.7 50.1 75.1

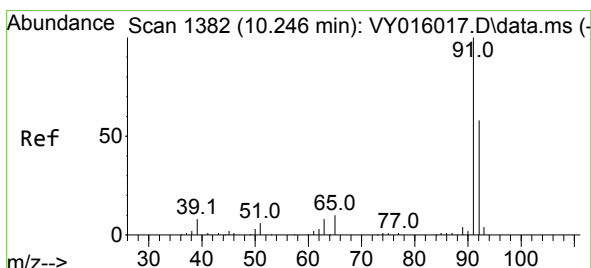
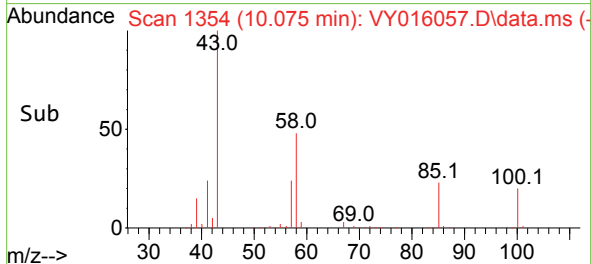
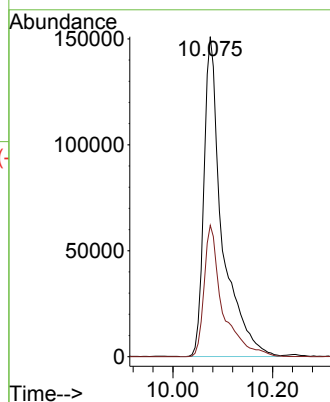
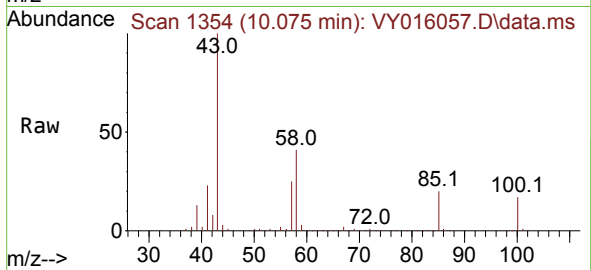




#51
4-Methyl-2-Pentanone
Concen: 177.251 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

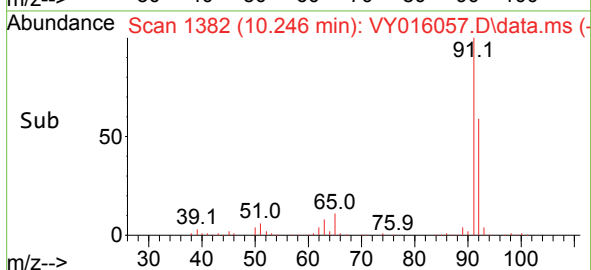
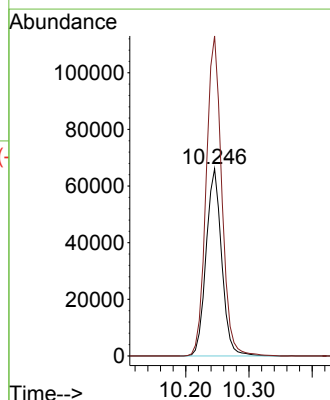
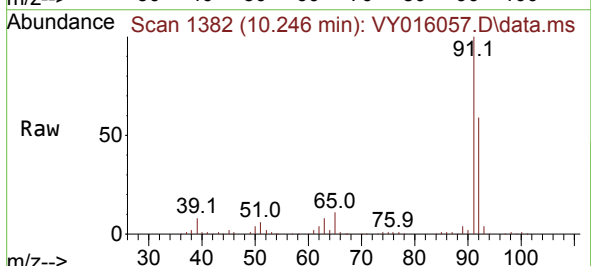
Instrument :
MSVOA_Y
ClientSampleId :

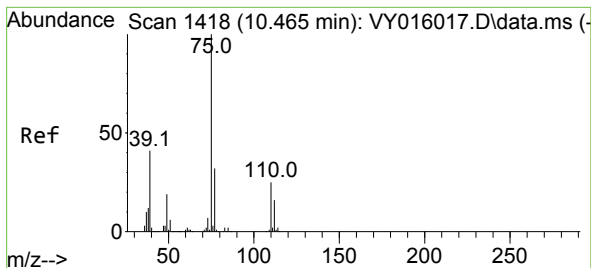
Tgt Ion: 43 Resp: 383033
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6



#52
Toluene
Concen: 20.787 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

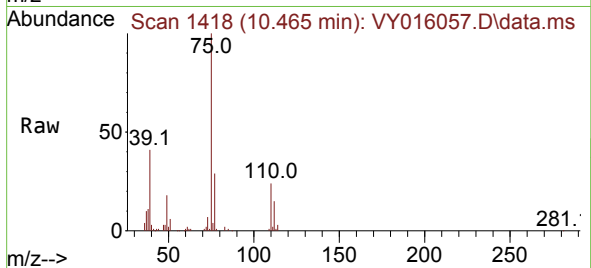
Tgt Ion: 92 Resp: 113306
Ion Ratio Lower Upper
92 100
91 171.2 143.8 215.6



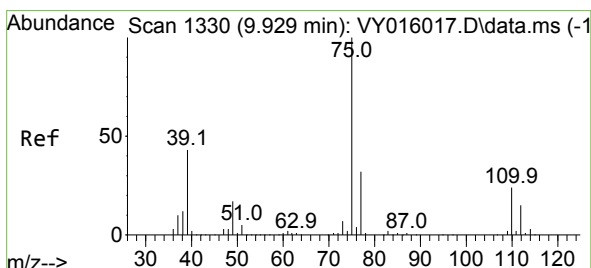
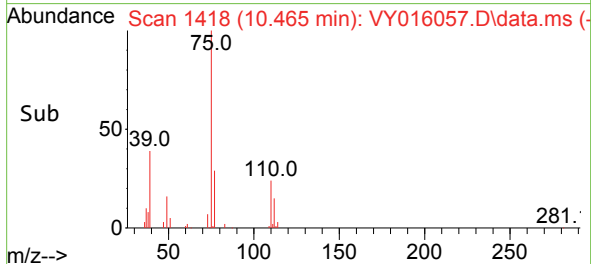
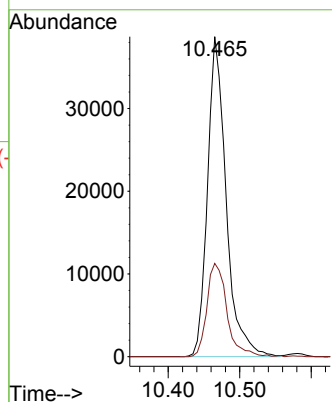


#53
t-1,3-Dichloropropene
Concen: 21.099 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

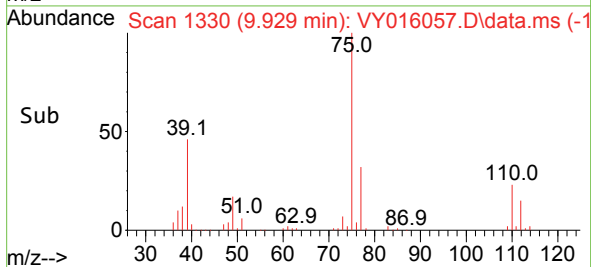
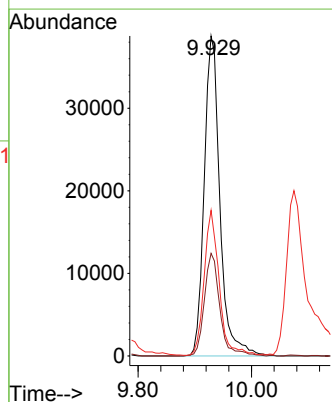
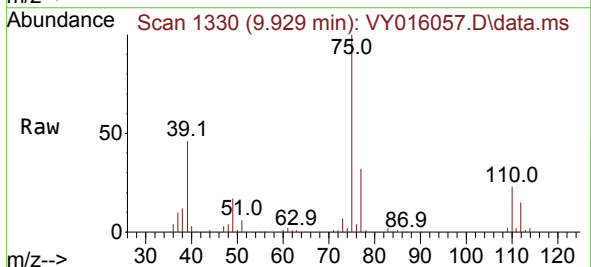


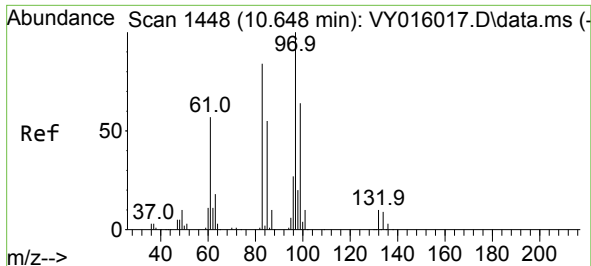
Tgt Ion: 75 Resp: 69946
Ion Ratio Lower Upper
75 100
77 29.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.640 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 75 Resp: 74587
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 45.2 42.2 63.4

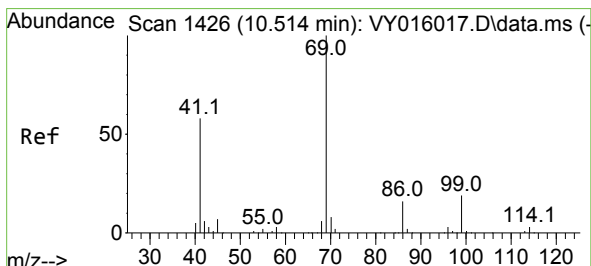
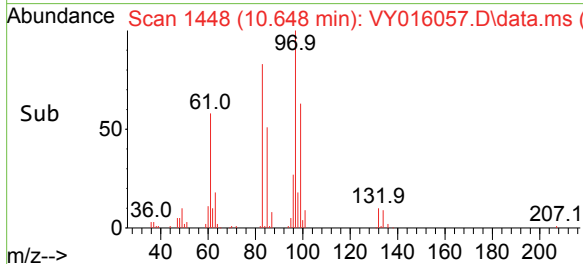
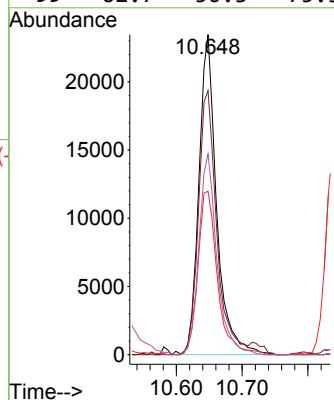
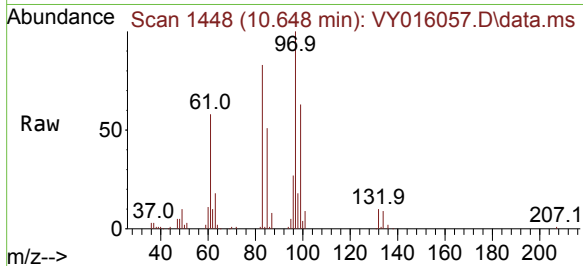




#55
1,1,2-Trichloroethane
Concen: 22.867 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

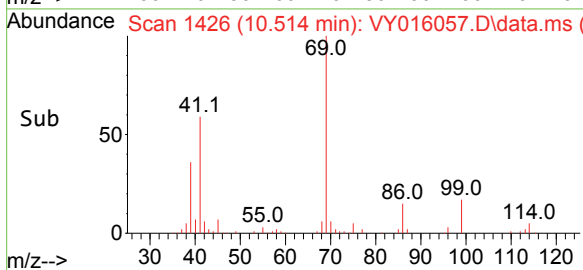
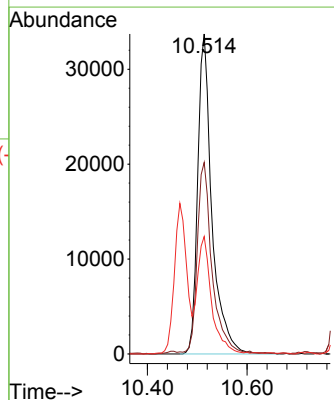
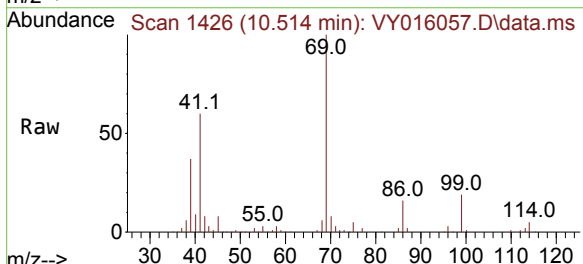
Instrument :
MSVOA_Y
ClientSampleId :

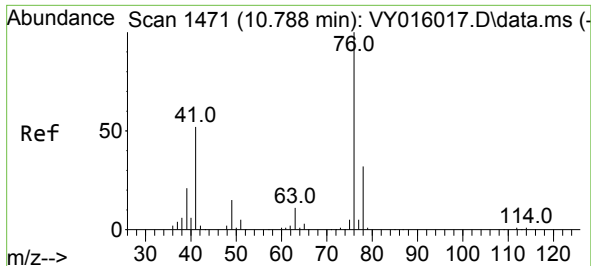
Tgt Ion:	97	Resp:	43865
Ion	Ratio	Lower	Upper
97	100		
83	82.5	72.0	108.0
85	51.1	45.4	68.0
99	62.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 23.766 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:	69	Resp:	66624
Ion	Ratio	Lower	Upper
69	100		
41	61.6	57.6	86.4
39	36.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 22.320 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

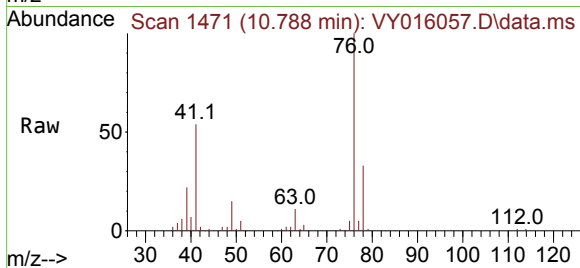
Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

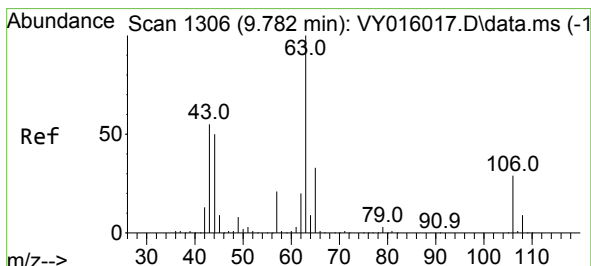
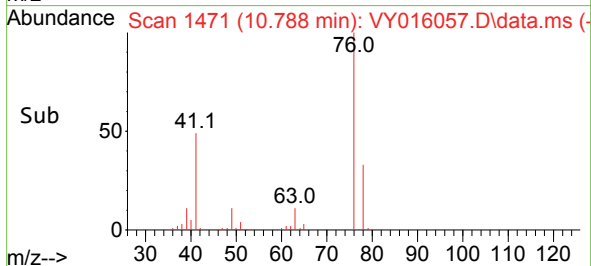
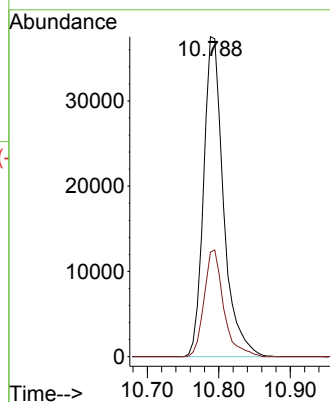


Tgt Ion: 76 Resp: 72632

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 132.385 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016057.D

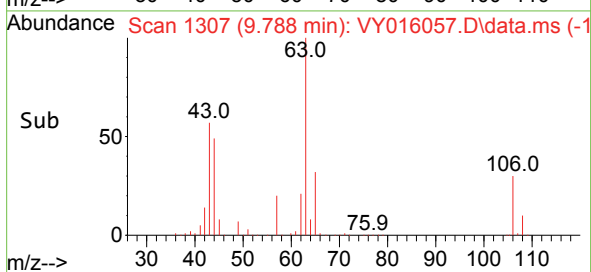
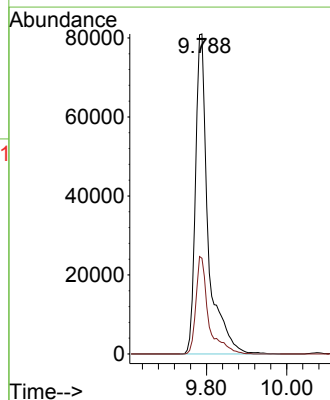
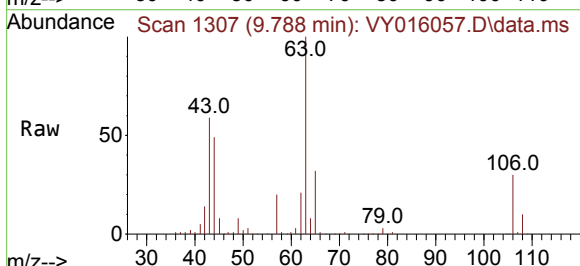
Acq: 20 Oct 2023 11:05

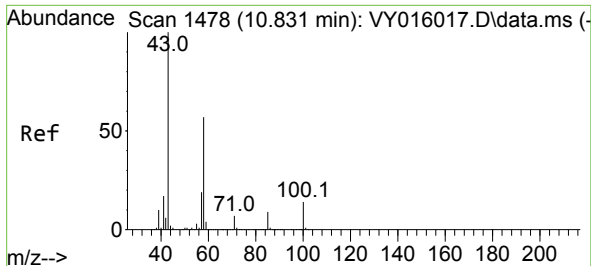
Tgt Ion: 63 Resp: 178259

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8

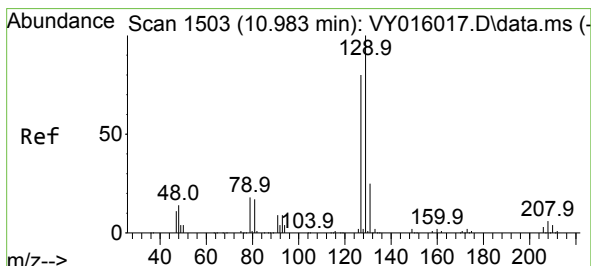
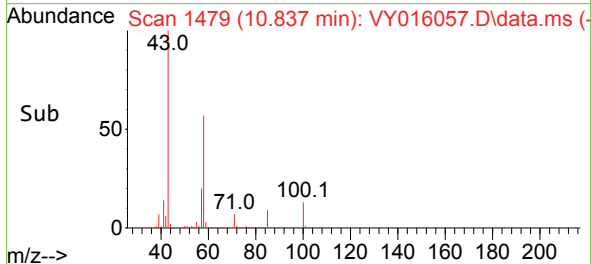
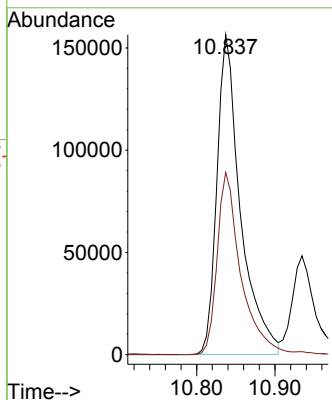
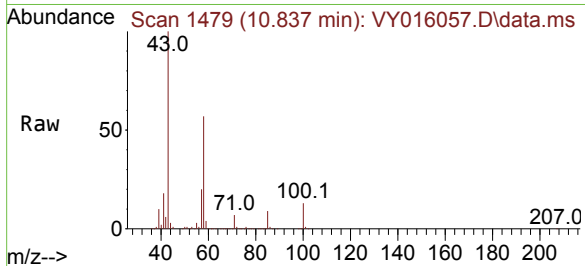




#59
2-Hexanone
Concen: 198.589 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

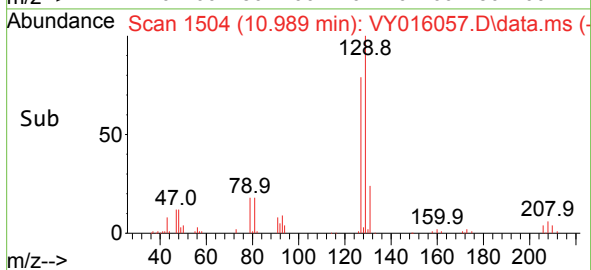
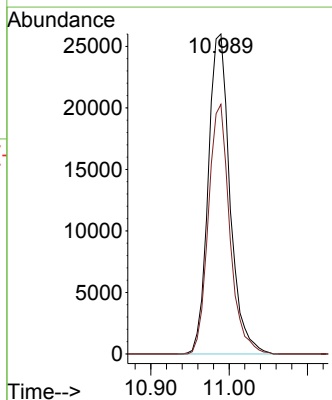
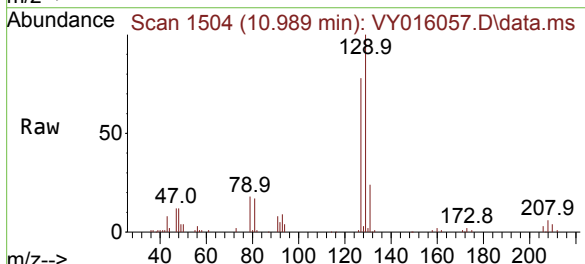
Instrument :
MSVOA_Y
ClientSampleId :

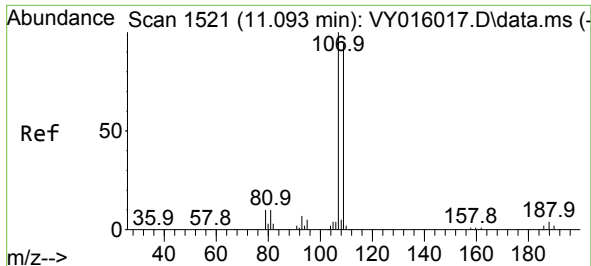
Tgt Ion: 43 Resp: 326502
Ion Ratio Lower Upper
43 100
58 58.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.604 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:129 Resp: 50118
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

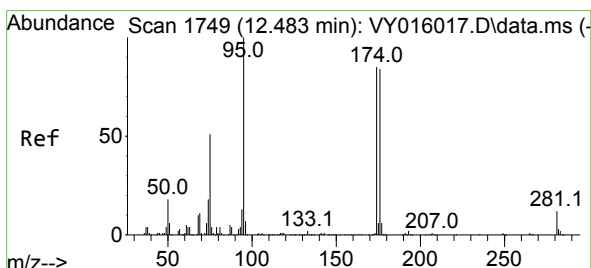
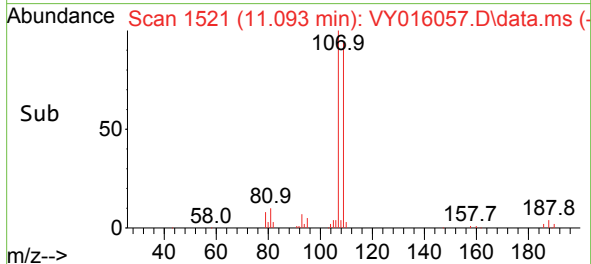
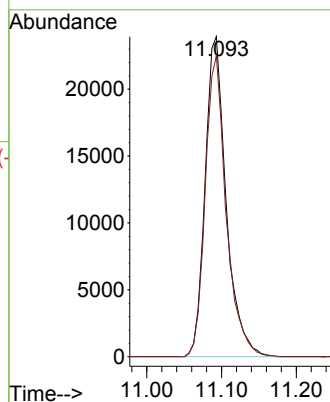
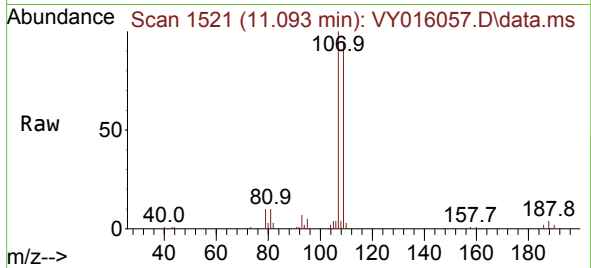




#61
1,2-Dibromoethane
Concen: 23.911 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

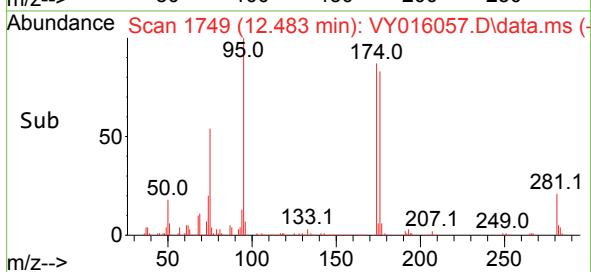
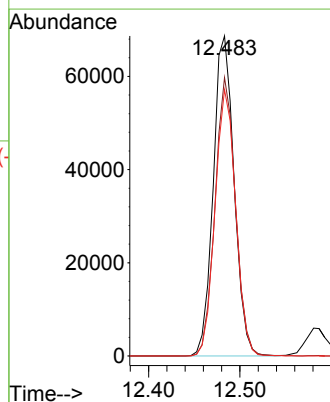
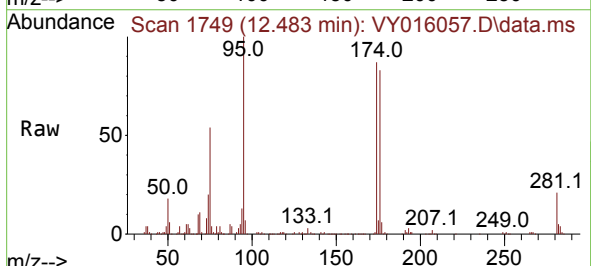
Instrument :
MSVOA_Y
ClientSampleId :

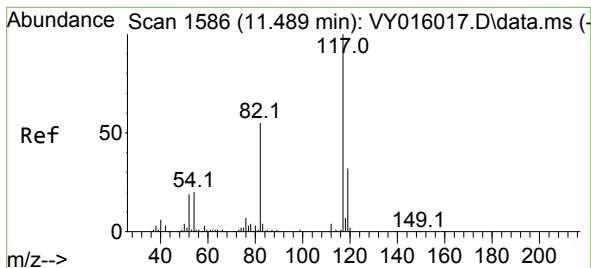
Tgt Ion:107 Resp: 46679
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.337 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 95 Resp: 108735
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 82.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. -0.000 min

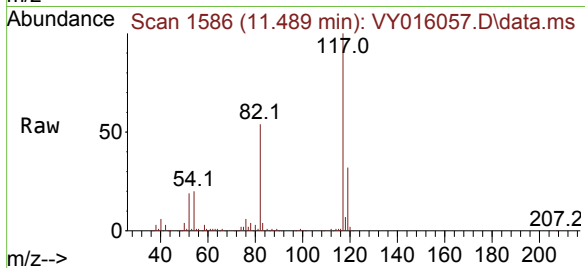
Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :



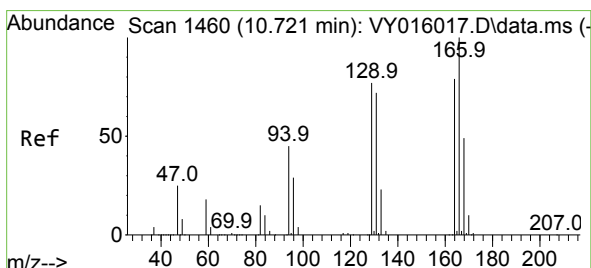
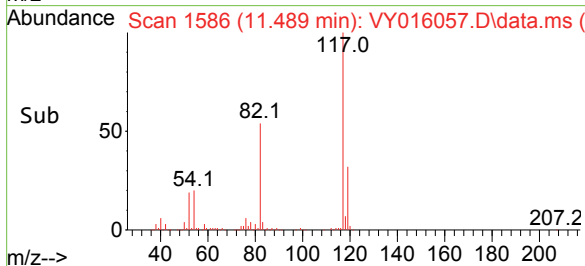
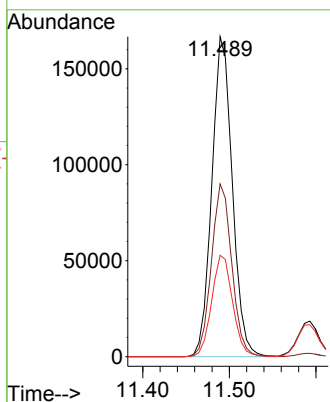
Tgt Ion:117 Resp: 273743

Ion Ratio Lower Upper

117 100

82 54.0 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 23.322 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Tgt Ion:164 Resp: 49505

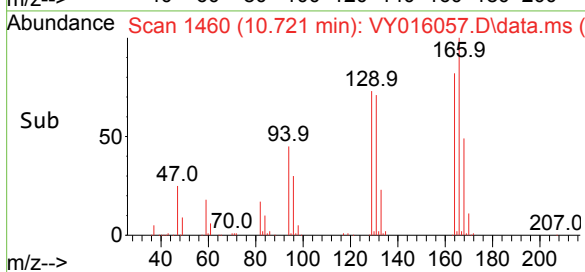
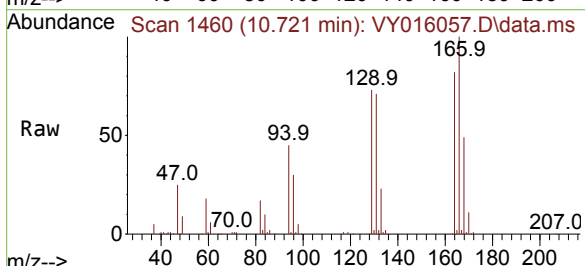
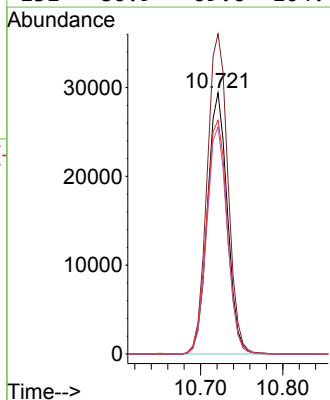
Ion Ratio Lower Upper

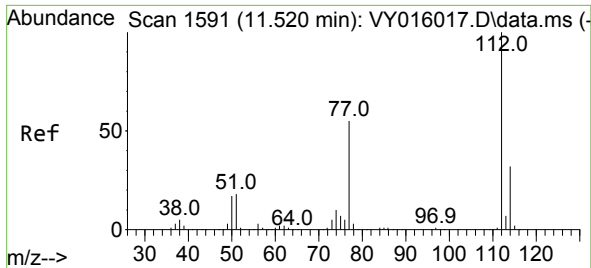
164 100

166 122.6 103.0 154.6

129 89.5 77.2 115.8

131 86.9 69.6 104.4

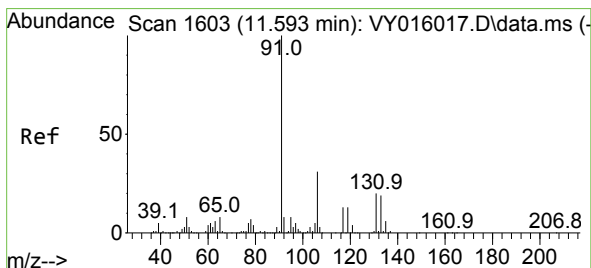
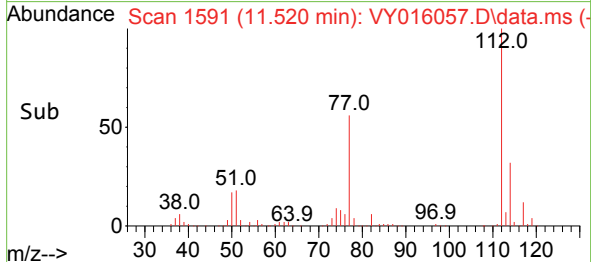
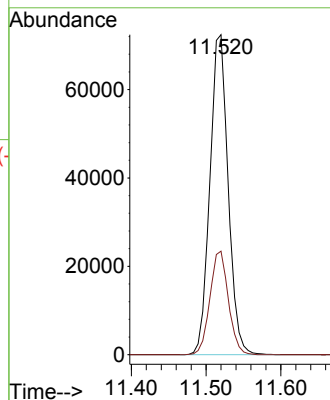
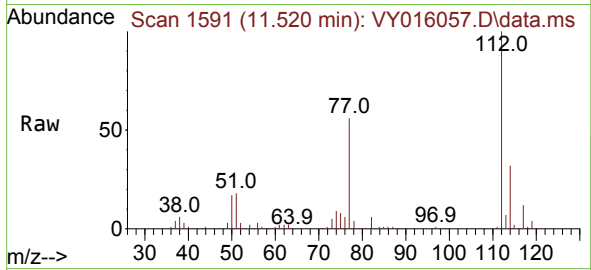




#65
Chlorobenzene
Concen: 20.752 ug/l
RT: 11.520 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

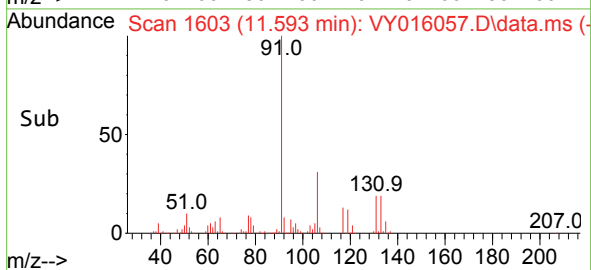
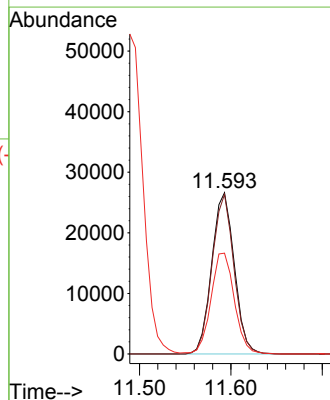
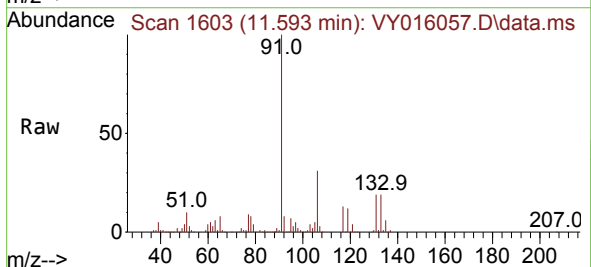
Instrument :
MSVOA_Y
ClientSampleId :

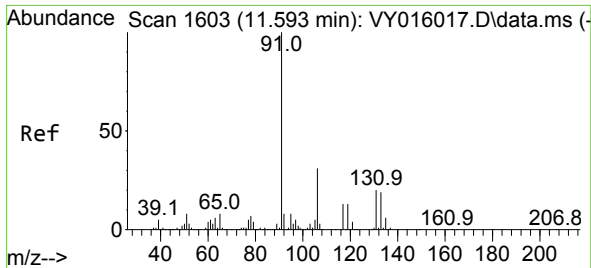
Tgt Ion:112 Resp: 123025
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.435 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:131 Resp: 45662
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.6
119 64.8 31.6 94.7

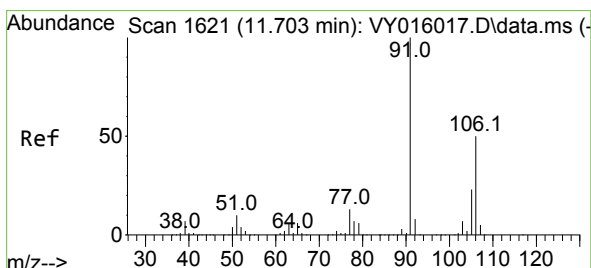
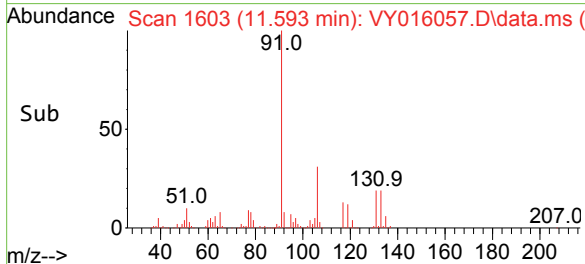
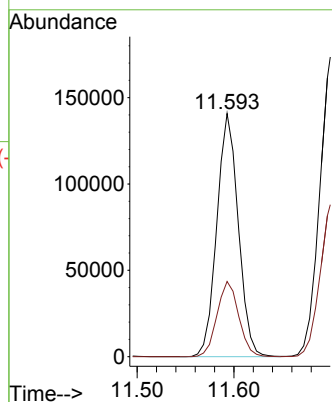
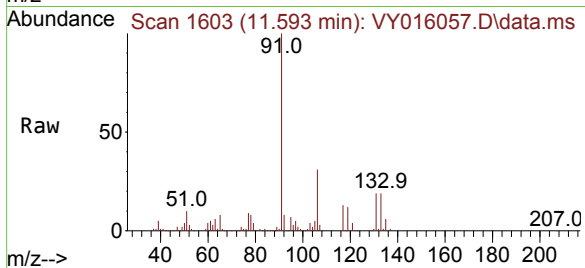




#67
Ethyl Benzene
Concen: 20.625 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

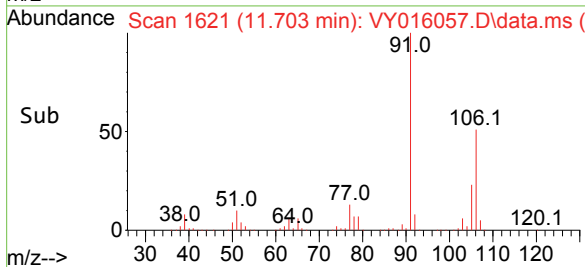
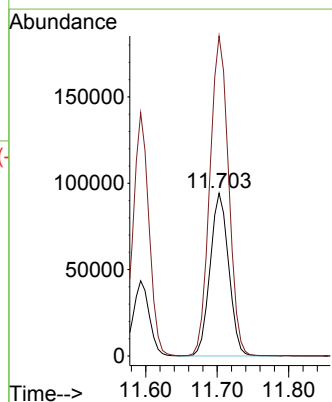
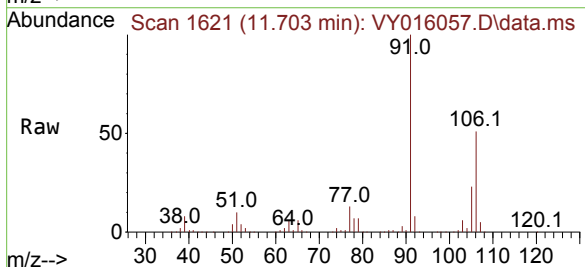
Instrument :
MSVOA_Y
ClientSampleId :

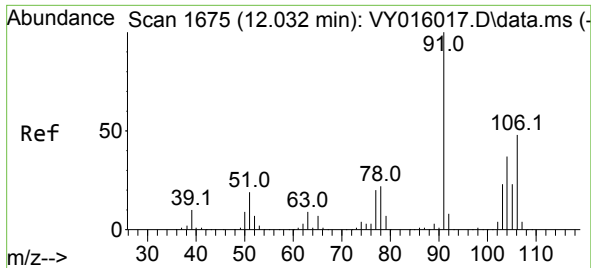
Tgt Ion: 91 Resp: 216367
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 41.526 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:106 Resp: 169872
Ion Ratio Lower Upper
106 100
91 198.3 166.1 249.1

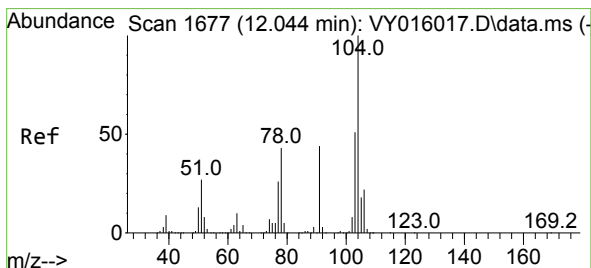
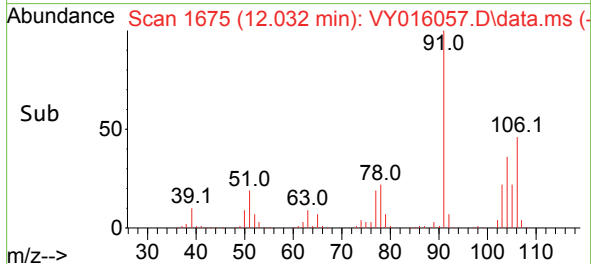
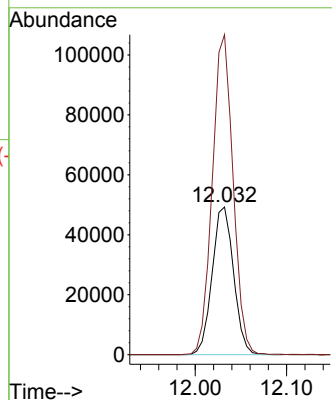
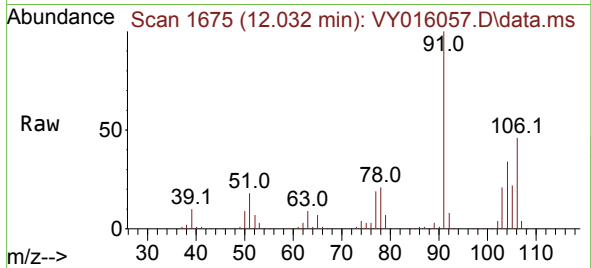




#69
o-Xylene
Concen: 20.612 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

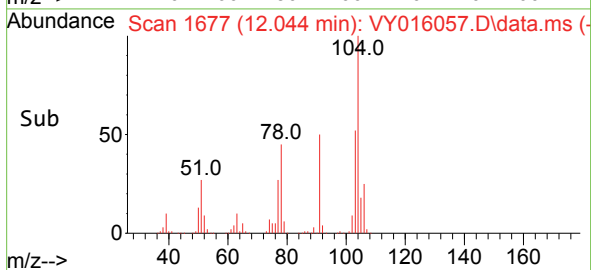
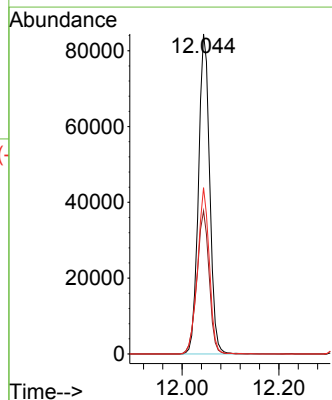
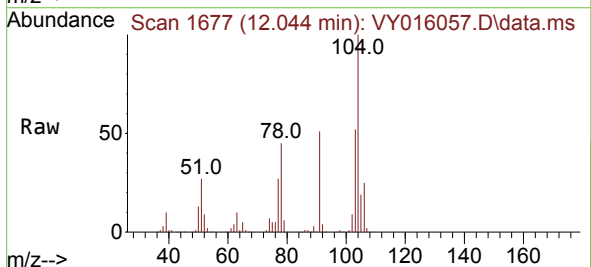
Instrument :
MSVOA_Y
ClientSampleId :

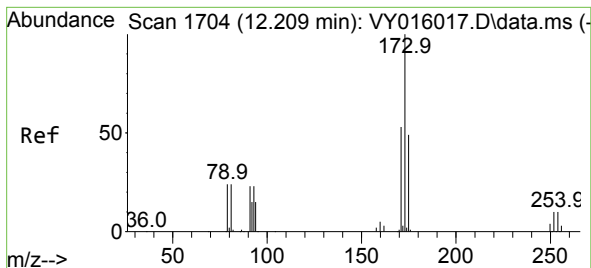
Tgt Ion:106 Resp: 80214
Ion Ratio Lower Upper
106 100
91 210.2 108.1 324.3



#70
Styrene
Concen: 20.491 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:104 Resp: 135910
Ion Ratio Lower Upper
104 100
78 48.4 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 23.802 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016057.D

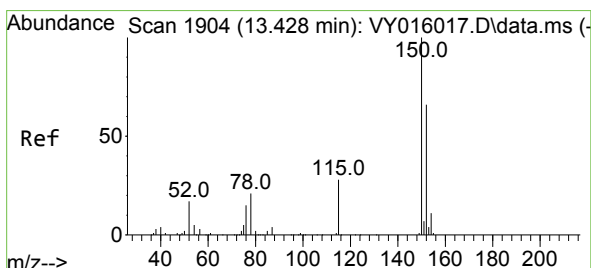
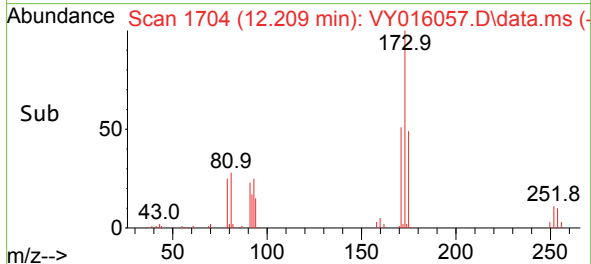
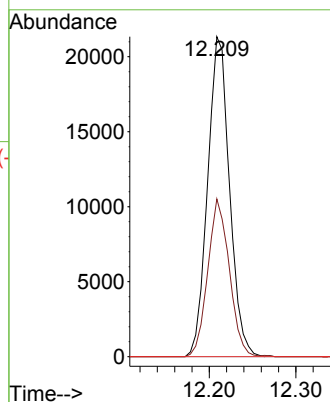
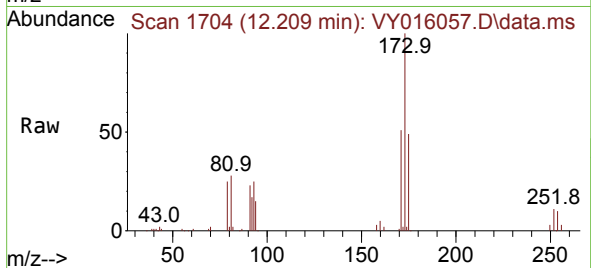
Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	37424
Ion Ratio	Lower	Upper	
173	100		
175	48.7	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

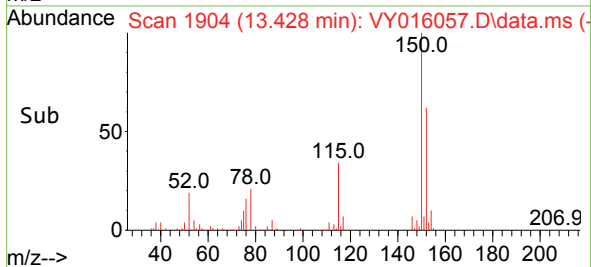
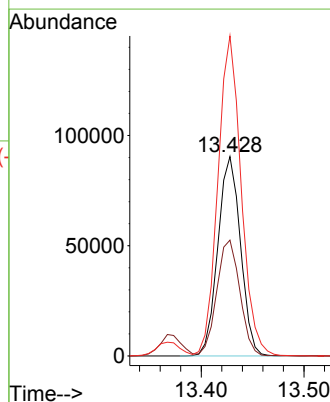
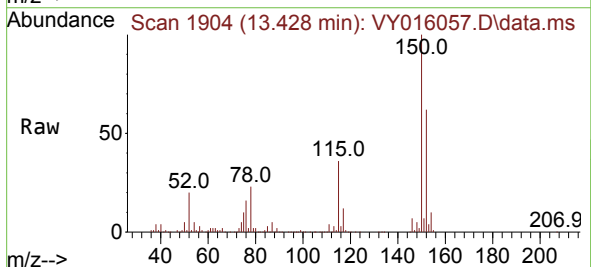
RT: 13.428 min Scan# 1904

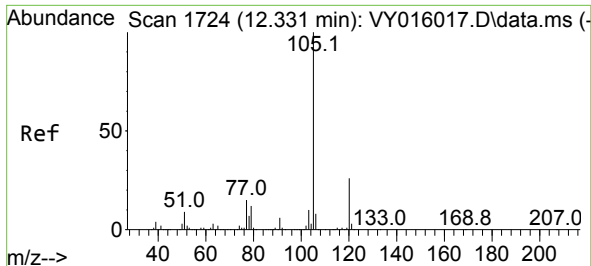
Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

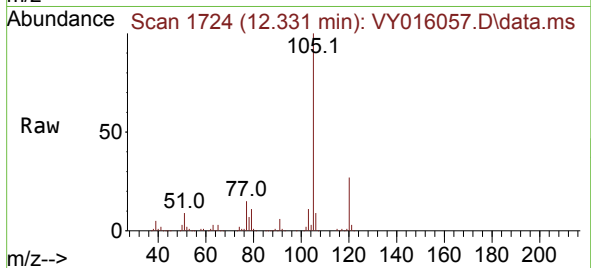
Tgt Ion:	152	Resp:	138167
Ion Ratio	Lower	Upper	
152	100		
115	59.1	28.8	86.5
150	165.3	0.0	348.8



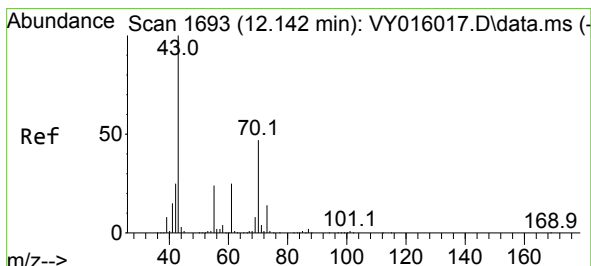
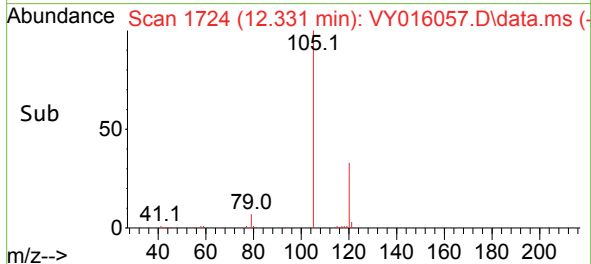
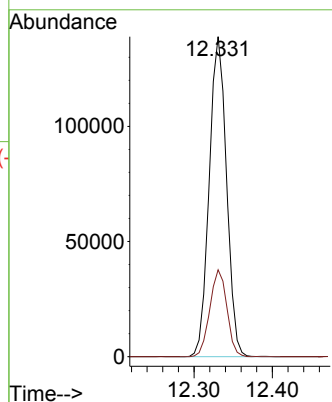


#73
Isopropylbenzene
Concen: 20.599 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Instrument :
MSVOA_Y
ClientSampleId :

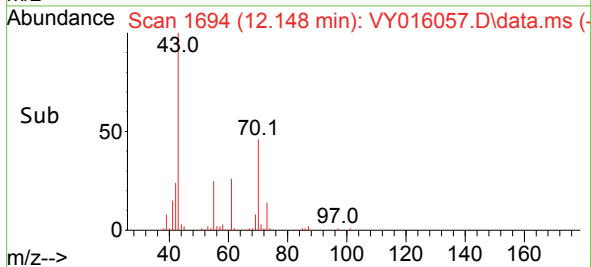
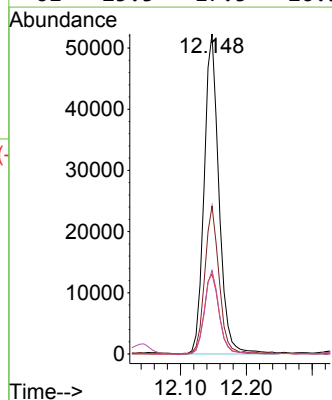
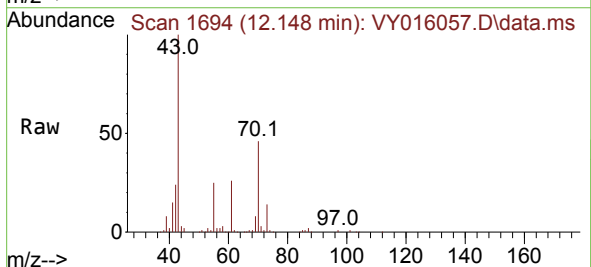


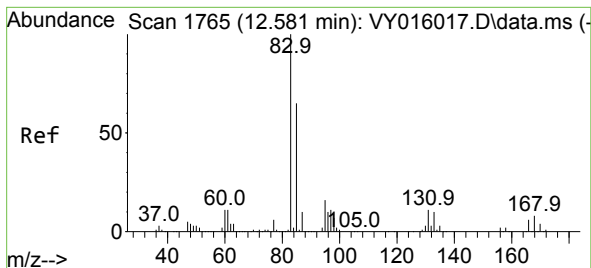
Tgt Ion:105 Resp: 212894
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 25.163 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 43 Resp: 82143
Ion Ratio Lower Upper
43 100
70 44.8 29.7 44.5#
55 25.5 18.3 27.5
61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.450 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

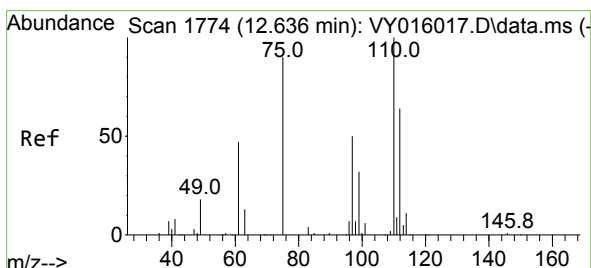
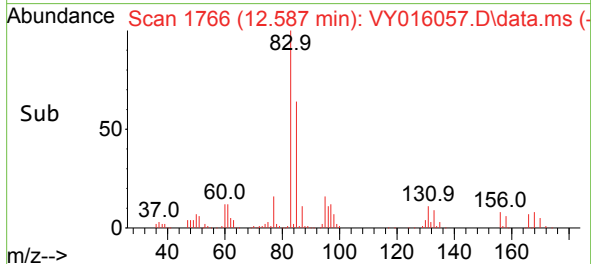
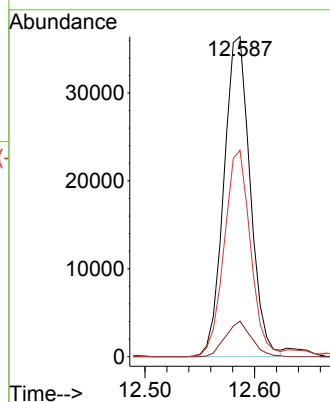
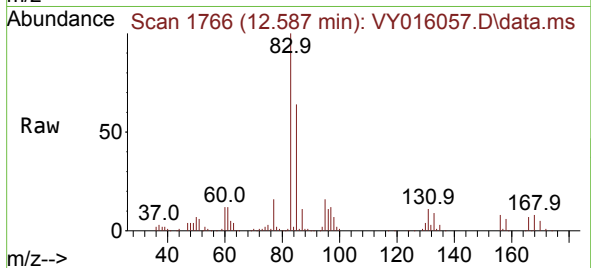
Tgt Ion: 83 Resp: 60703

Ion Ratio Lower Upper

83 100

131 11.0 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 46.441 ug/l

RT: 12.635 min Scan# 1774

Delta R.T. -0.000 min

Lab File: VY016057.D

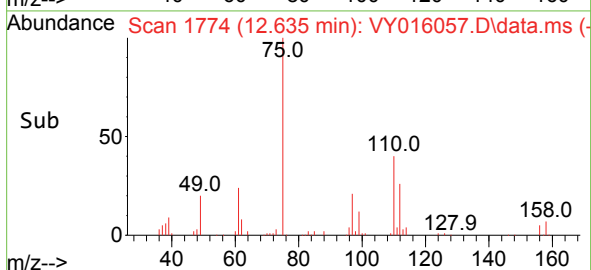
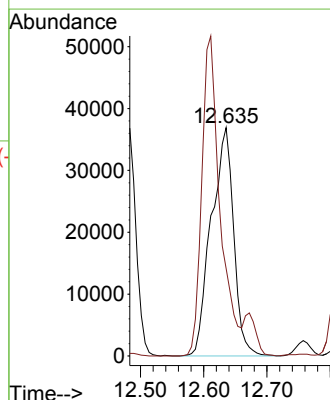
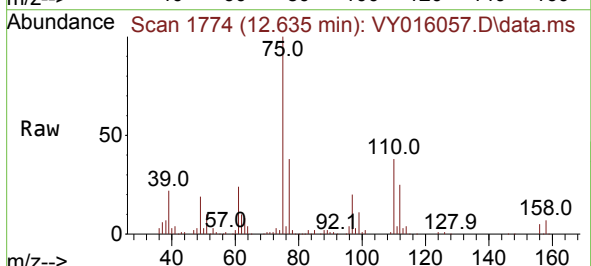
Acq: 20 Oct 2023 11:05

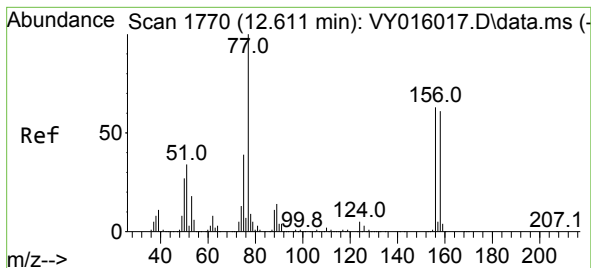
Tgt Ion: 75 Resp: 90853

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.645 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. -0.000 min

Lab File: VY016057.D

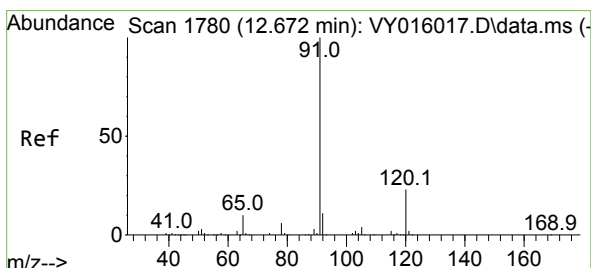
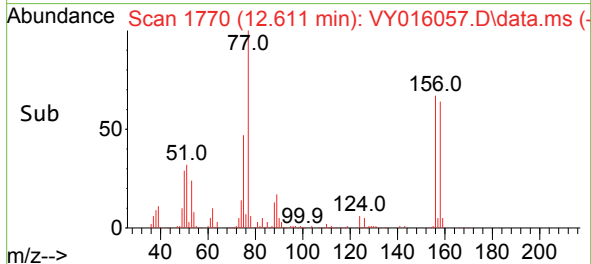
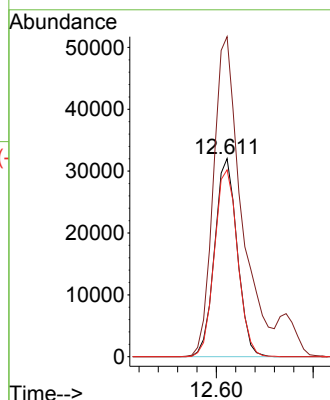
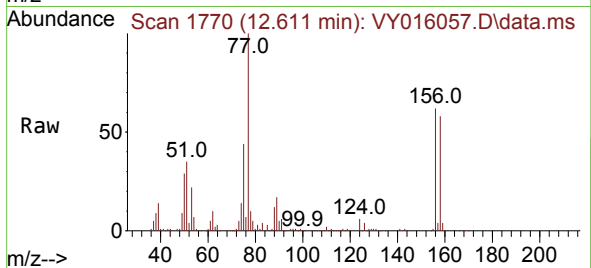
Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	51790
Ion Ratio	Lower	Upper	
156	100		
77	201.5	92.8	278.6
158	97.3	48.4	145.3



#78

n-propylbenzene

Concen: 20.958 ug/l

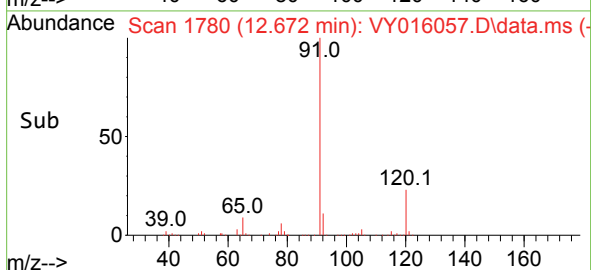
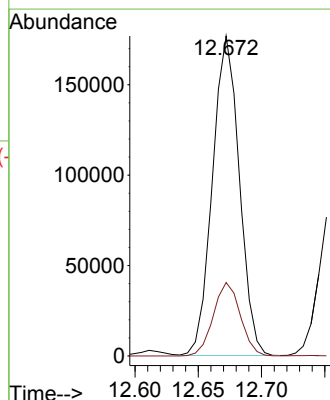
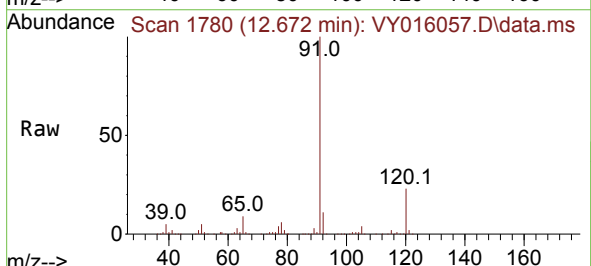
RT: 12.672 min Scan# 1780

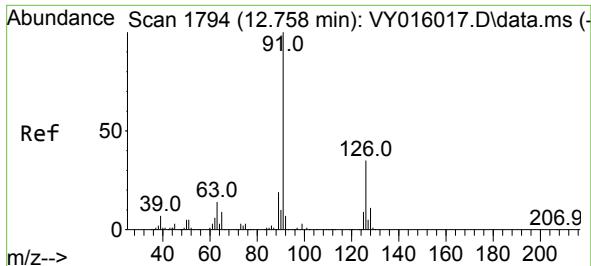
Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Tgt Ion:	91	Resp:	260906
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4

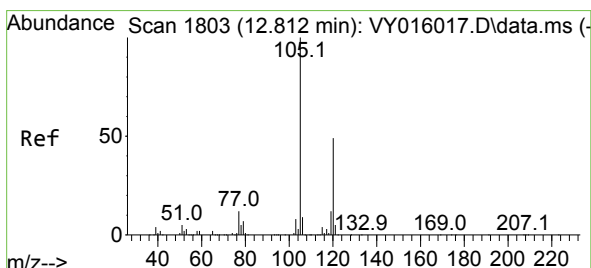
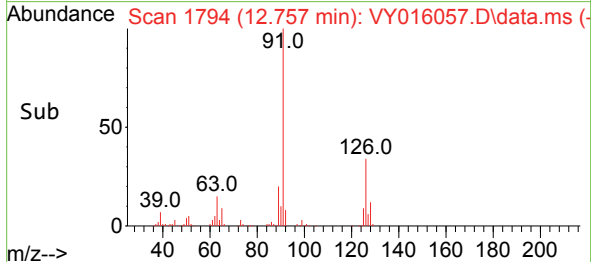
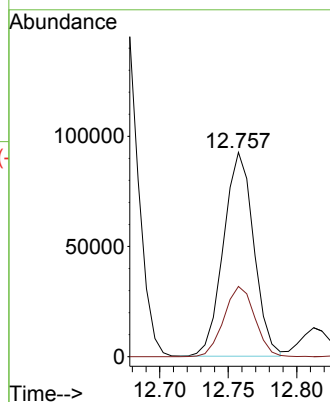
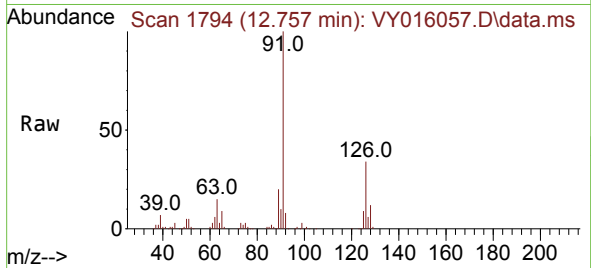




#79
2-Chlorotoluene
Concen: 20.412 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

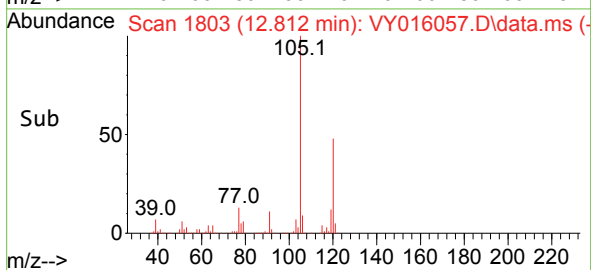
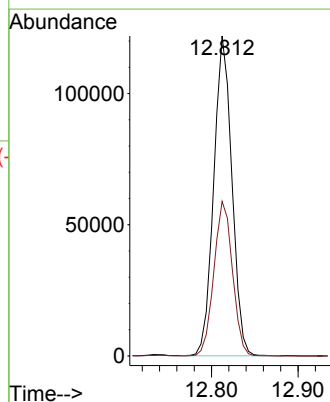
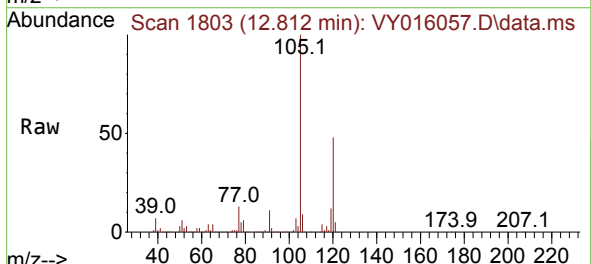
Instrument :
MSVOA_Y
ClientSampleId :

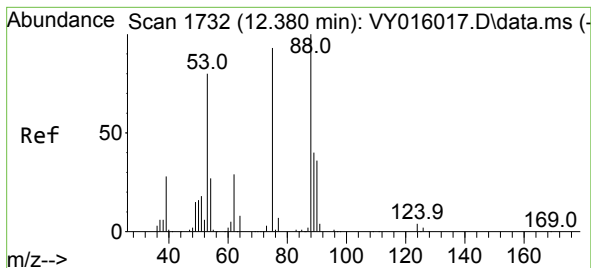
Tgt Ion: 91 Resp: 142630
Ion Ratio Lower Upper
91 100
126 35.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.716 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion:105 Resp: 177343
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

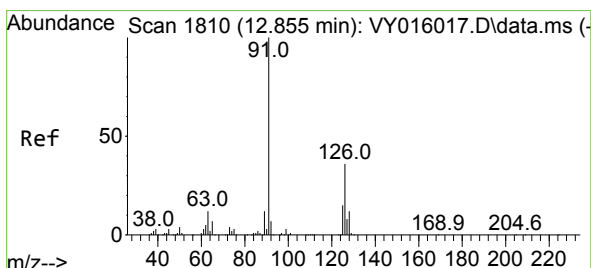
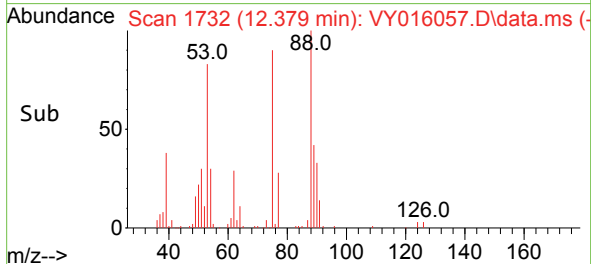
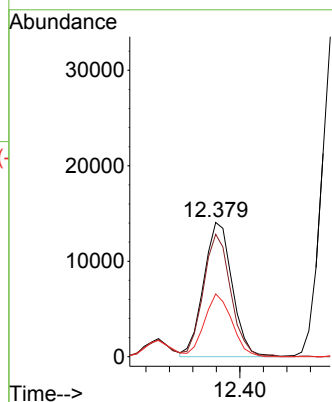
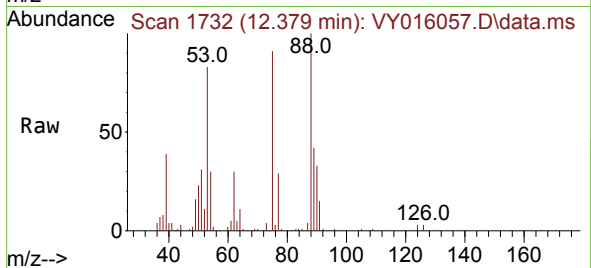




#81
trans-1,4-Dichloro-2-butene
Concen: 26.519 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

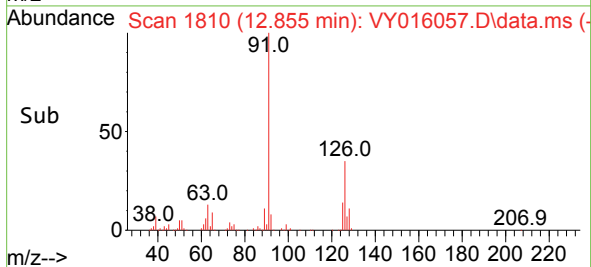
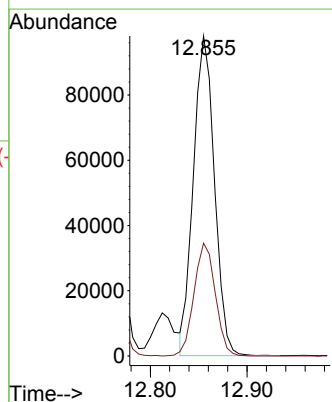
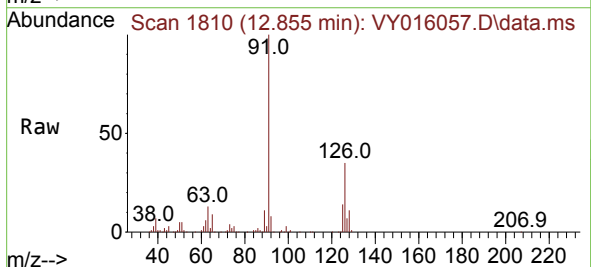
Instrument :
MSVOA_Y
ClientSampleId :

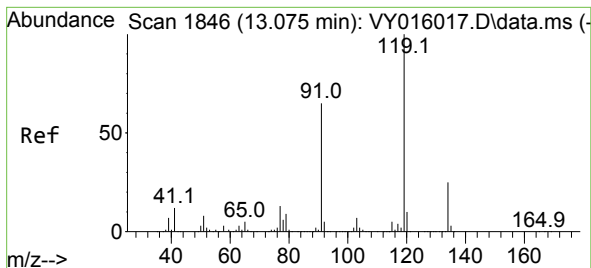
Tgt Ion: 75 Resp: 23766
Ion Ratio Lower Upper
75 100
53 87.7 77.8 116.8
89 44.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.347 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

Tgt Ion: 91 Resp: 148381
Ion Ratio Lower Upper
91 100
126 35.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.514 ug/l

RT: 13.074 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

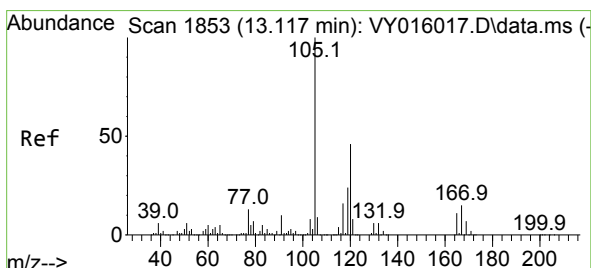
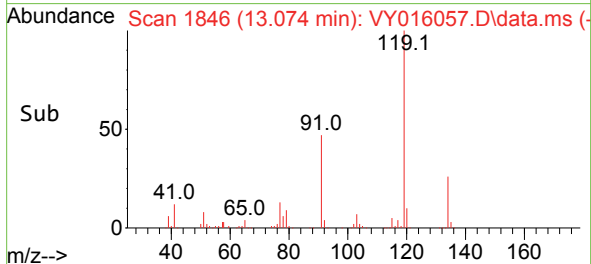
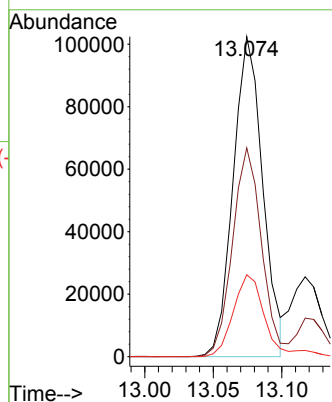
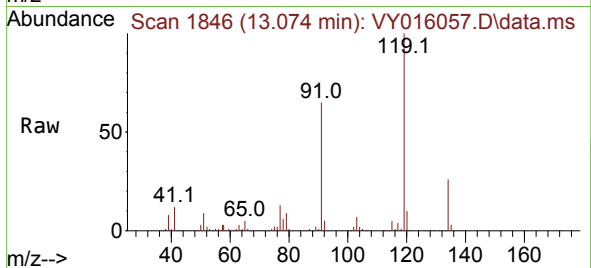
Tgt Ion:119 Resp: 153993

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 27.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.540 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016057.D

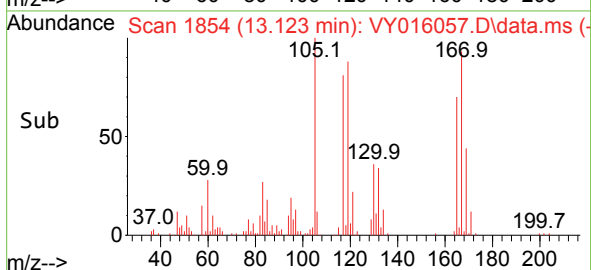
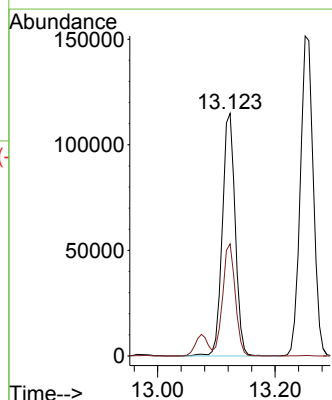
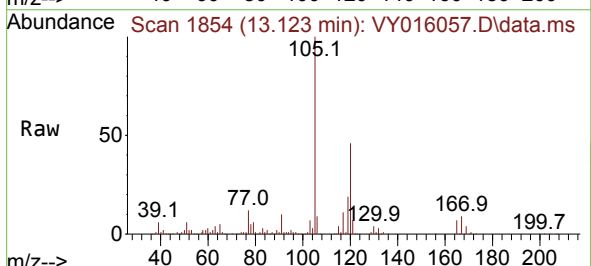
Acq: 20 Oct 2023 11:05

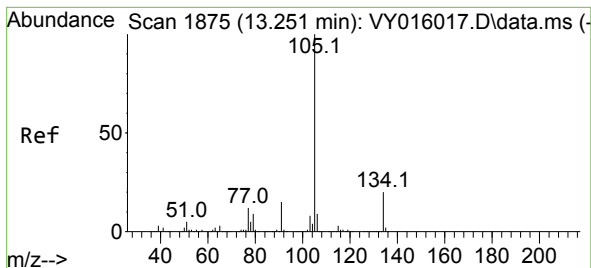
Tgt Ion:105 Resp: 174609

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.707 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

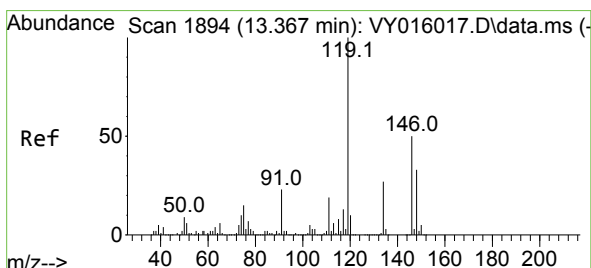
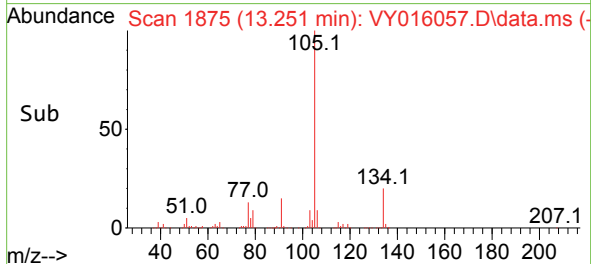
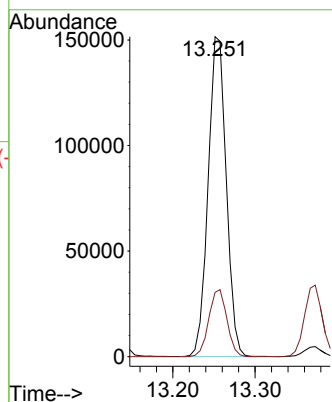
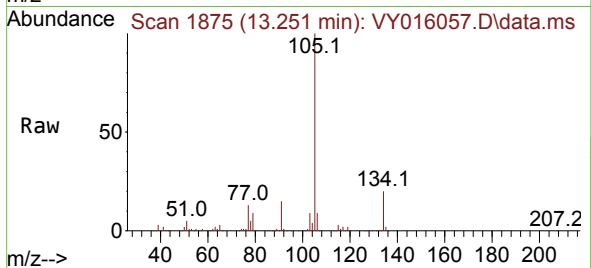
ClientSampleId :

Tgt Ion:105 Resp: 232149

Ion Ratio Lower Upper

105 100

134 20.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.597 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

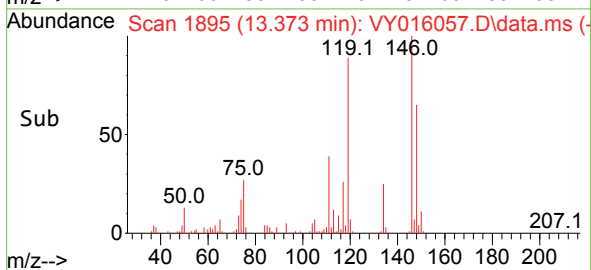
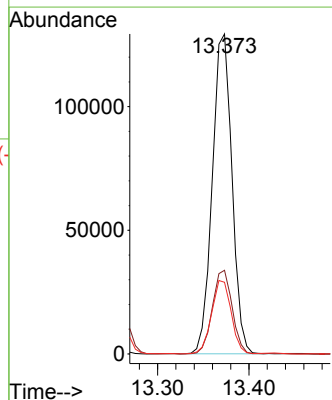
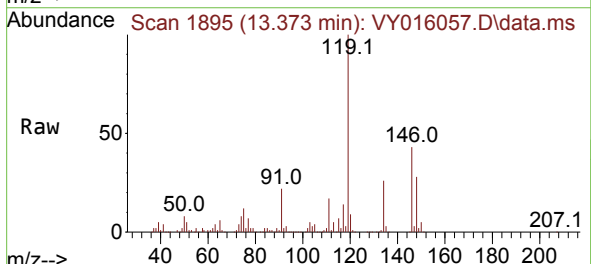
Tgt Ion:119 Resp: 192972

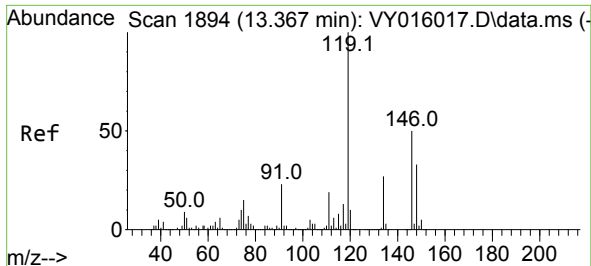
Ion Ratio Lower Upper

119 100

134 26.3 13.3 39.8

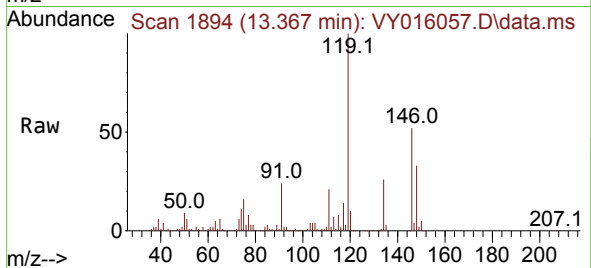
91 22.7 12.4 37.4



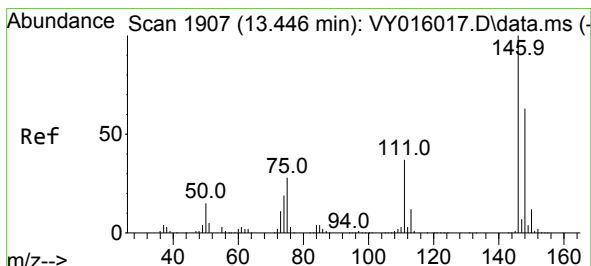
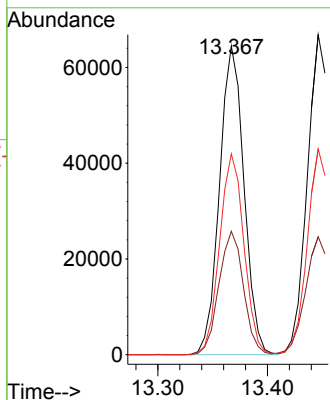
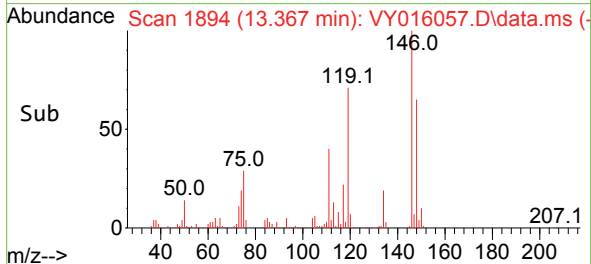


#87
1,3-Dichlorobenzene
Concen: 20.518 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

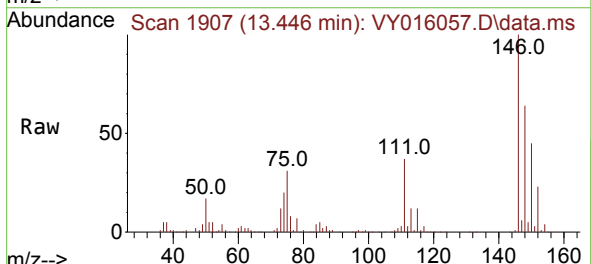
Instrument :
MSVOA_Y
ClientSampleId :



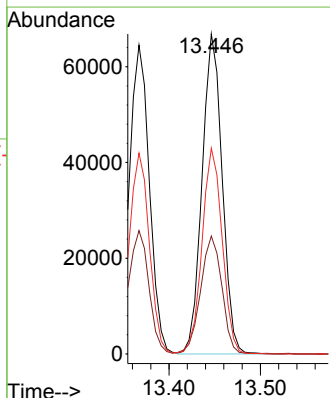
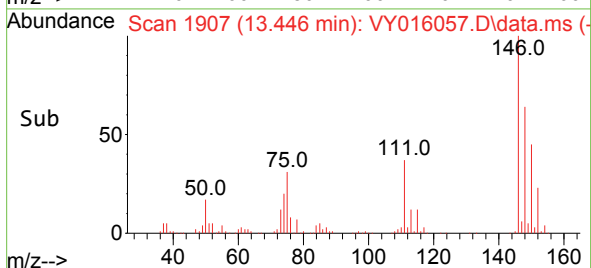
Tgt Ion:146 Resp: 100147
Ion Ratio Lower Upper
146 100
111 40.0 19.4 58.2
148 64.5 31.9 95.5

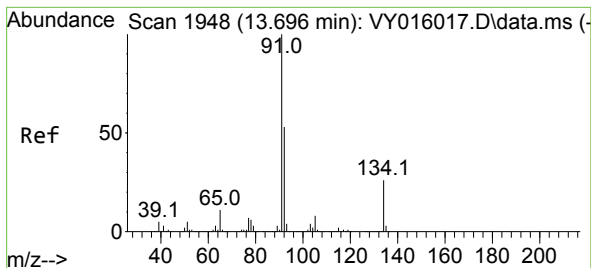


#88
1,4-Dichlorobenzene
Concen: 20.745 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05



Tgt Ion:146 Resp: 101946
Ion Ratio Lower Upper
146 100
111 38.8 18.9 56.7
148 64.5 32.1 96.5





#89

n-Butylbenzene

Concen: 20.560 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

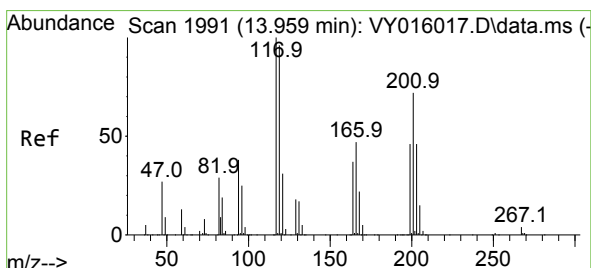
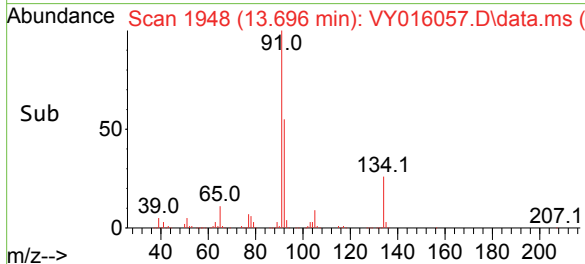
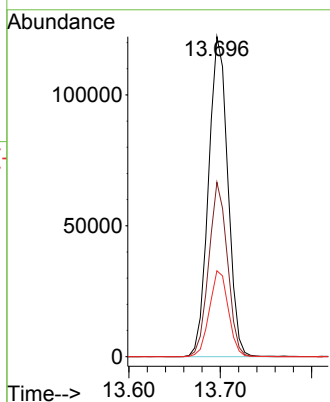
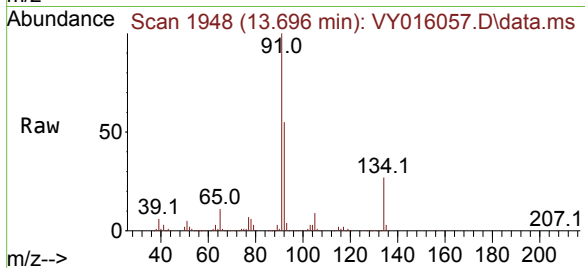
Tgt Ion: 91 Resp: 179323

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 26.4 12.6 37.6



#90

Hexachloroethane

Concen: 19.960 ug/l

RT: 13.964 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016057.D

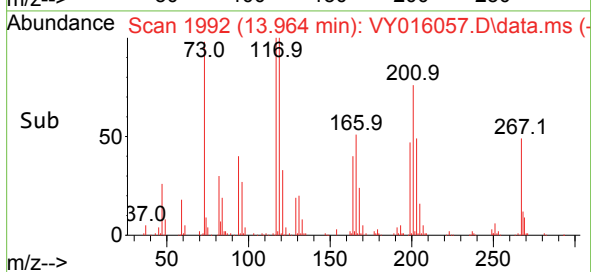
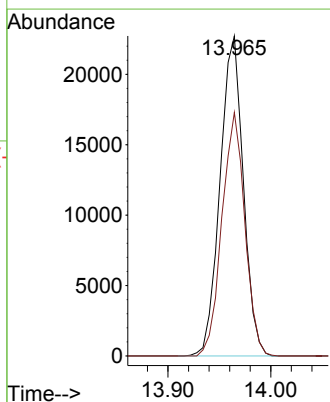
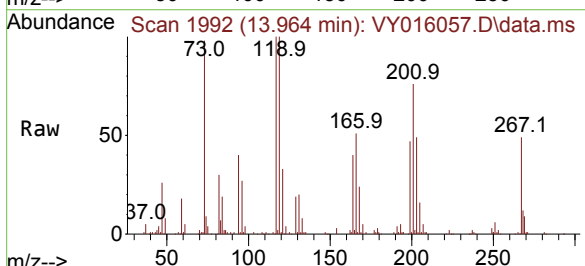
Acq: 20 Oct 2023 11:05

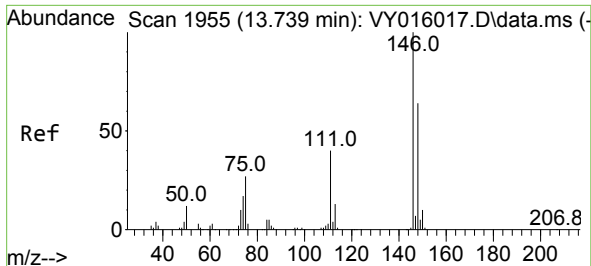
Tgt Ion: 117 Resp: 35648

Ion Ratio Lower Upper

117 100

201 75.1 41.6 124.8

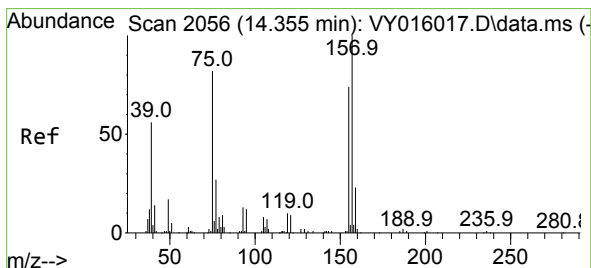
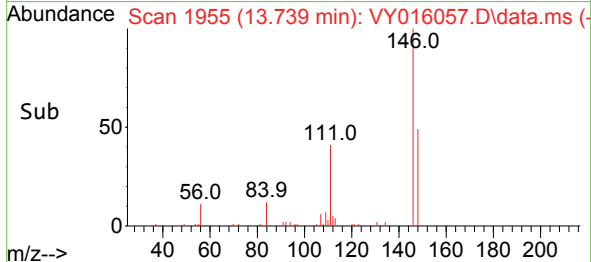
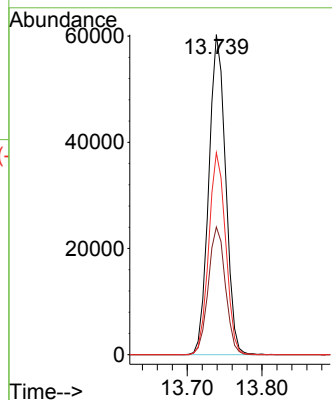
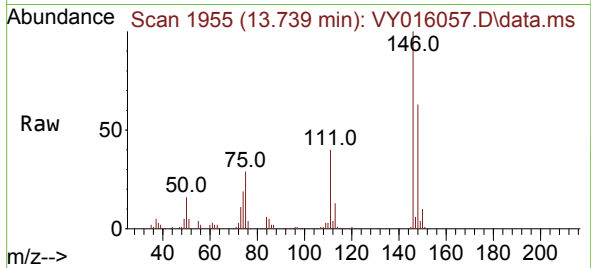




#91
1,2-Dichlorobenzene
Concen: 21.012 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

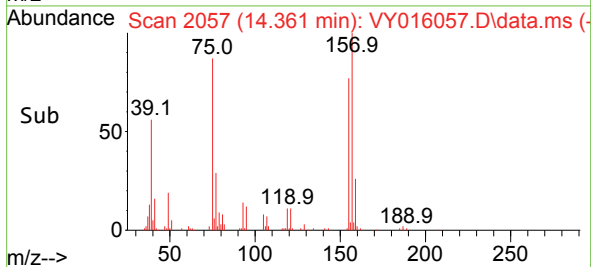
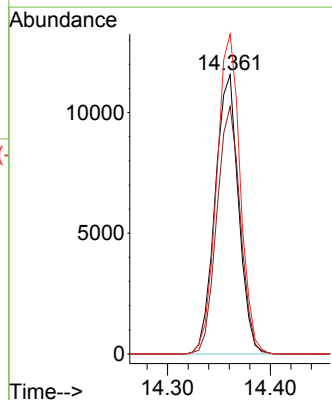
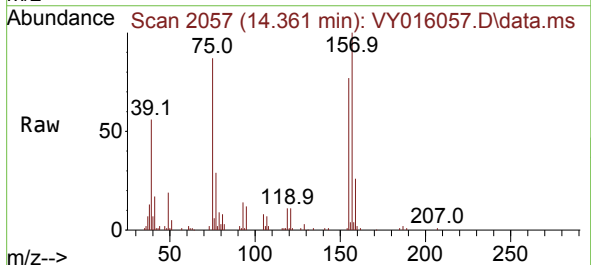
Instrument :
MSVOA_Y
ClientSampleId :

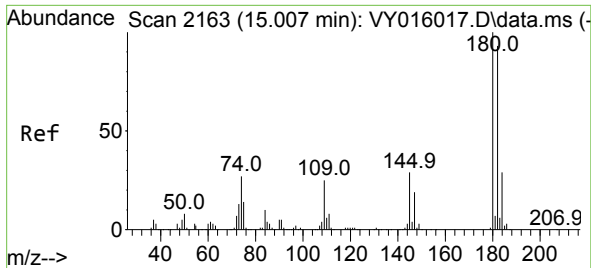
Tgt Ion:146 Resp: 94161
Ion Ratio Lower Upper
146 100
111 40.5 19.7 59.0
148 63.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 37.154 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY016057.D
Acq: 20 Oct 2023 11:05

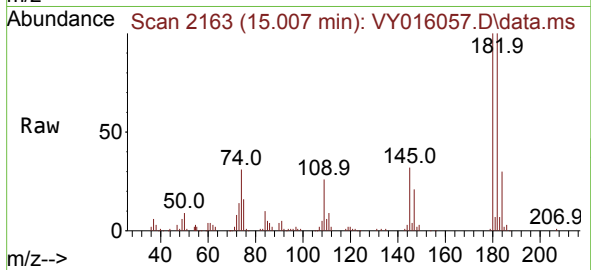
Tgt Ion: 75 Resp: 18308
Ion Ratio Lower Upper
75 100
155 88.3 41.5 124.6
157 114.8 51.8 155.5





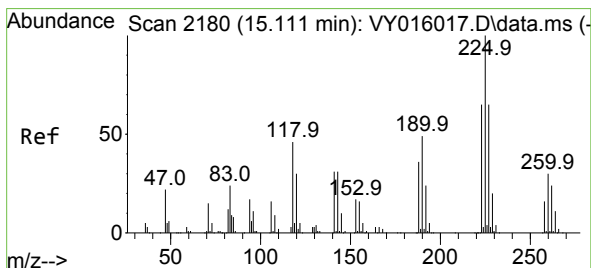
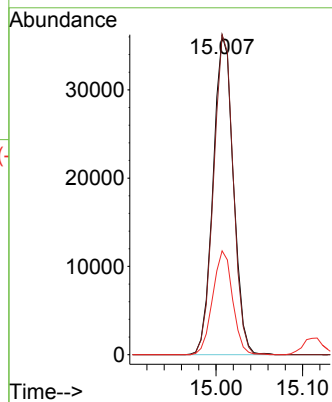
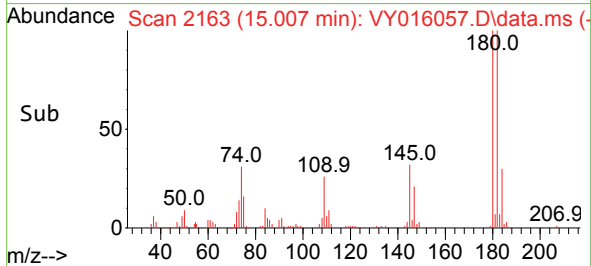
#93
 1,2,4-Trichlorobenzene
 Concen: 20.537 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. -0.000 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05

Instrument :
 MSVOA_Y
 ClientSampleId :

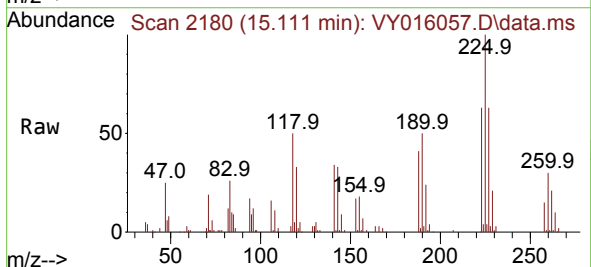


Tgt Ion:180 Resp: 58629

Ion	Ratio	Lower	Upper
180	100		
182	97.4	47.0	141.2
145	32.1	14.5	43.5

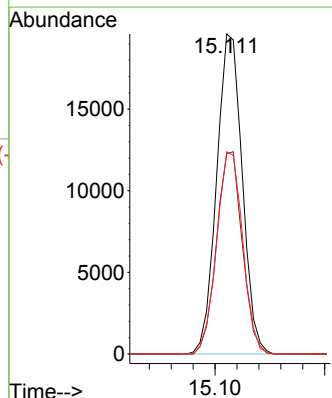
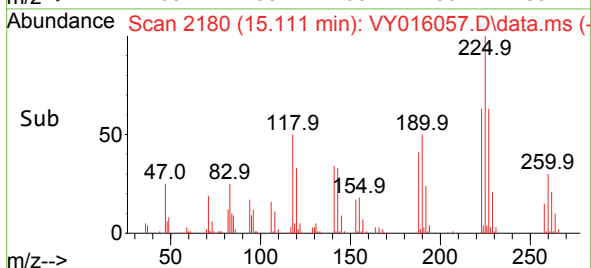


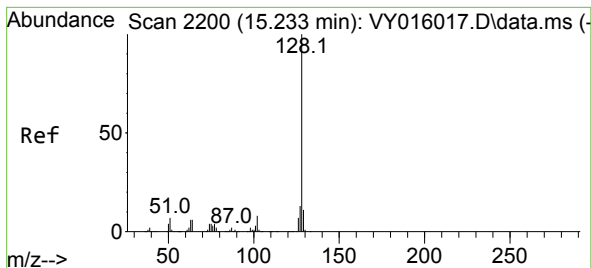
#94
 Hexachlorobutadiene
 Concen: 20.521 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY016057.D
 Acq: 20 Oct 2023 11:05



Tgt Ion:225 Resp: 31820

Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.9
227	64.2	33.0	98.9





#95

Naphthalene

Concen: 27.410 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Instrument :

MSVOA_Y

ClientSampleId :

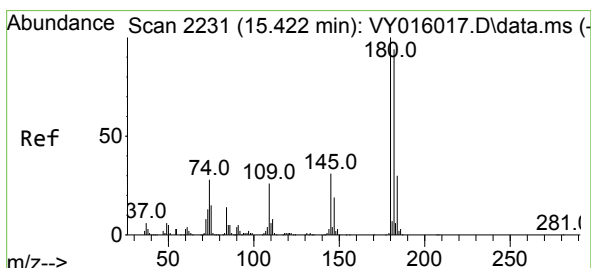
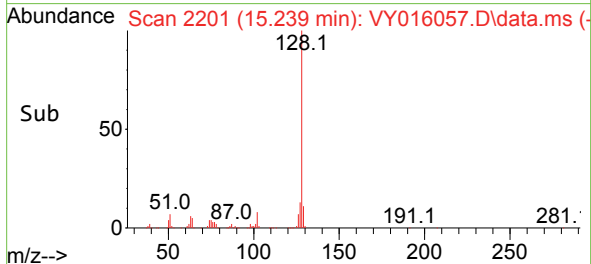
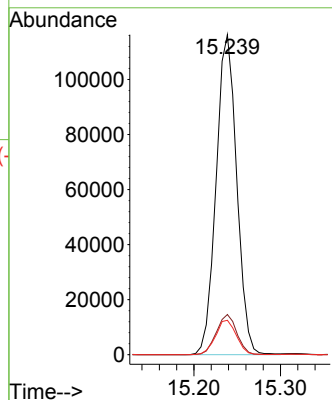
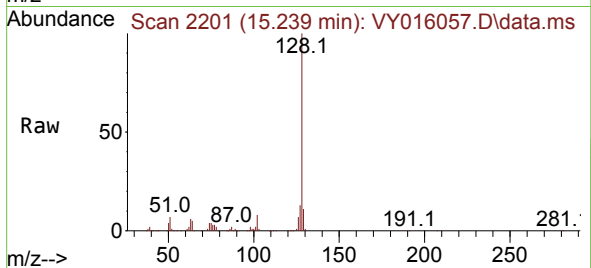
Tgt Ion:128 Resp: 192061

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.925 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY016057.D

Acq: 20 Oct 2023 11:05

Tgt Ion:180 Resp: 57173

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 32.5 15.4 46.2

