

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110223\
 Data File : VY016197.D
 Acq On : 02 Nov 2023 17:55
 Operator : SY/MD
 Sample : 05220-05MS
 Misc : 2.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 03 03:18:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103123S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 01 03:33:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	150239	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	232643	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	174725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	61726	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	59826	42.555	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.120%
35) Dibromofluoromethane	7.734	113	66193	47.726	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.460%
50) Toluene-d8	10.191	98	277978	50.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.100%
62) 4-Bromofluorobenzene	12.489	95	73006	38.826	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	77.660%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	51319	53.549	ug/l	97
3) Chloromethane	2.119	50	67147	50.605	ug/l	99
4) Vinyl Chloride	2.253	62	72920	53.246	ug/l	97
5) Bromomethane	2.662	94	46266	50.059	ug/l	100
6) Chloroethane	2.802	64	50735	52.621	ug/l	97
7) Trichlorofluoromethane	3.137	101	114526	55.393	ug/l	100
8) Diethyl Ether	3.540	74	31957	46.636	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	69276	53.187	ug/l	97
10) Methyl Iodide	4.101	142	71007	49.026	ug/l	98
11) Tert butyl alcohol	4.966	59	16327	155.441	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	58193	48.951	ug/l	89
13) Acrolein	3.735	56	296	Below Cal	#	76
14) Allyl chloride	4.491	41	86332	50.771	ug/l #	95
15) Acrylonitrile	5.174	53	53776	183.653	ug/l	98
16) Acetone	3.954	43	48355	212.620	ug/l	95
17) Carbon Disulfide	4.210	76	123296	41.542	ug/l	98
18) Methyl Acetate	4.491	43	43365	38.357	ug/l #	89
19) Methyl tert-butyl Ether	5.235	73	154678	45.742	ug/l	97
20) Methylene Chloride	4.735	84	79031	55.613	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	61984	44.762	ug/l	93
22) Diisopropyl ether	6.131	45	224755	54.647	ug/l #	87
23) Vinyl Acetate	6.076	43	403051	199.594	ug/l #	92
24) 1,1-Dichloroethane	6.033	63	135779	55.161	ug/l	97
25) 2-Butanone	6.996	43	69438	179.030	ug/l	93
26) 2,2-Dichloropropane	6.996	77	129119	55.490	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	79016	48.487	ug/l	94
28) Bromochloromethane	7.350	49	1171	1.271	ug/l #	75
29) Tetrahydrofuran	7.362	42	44647	183.634	ug/l	90
30) Chloroform	7.521	83	142337	53.113	ug/l	96
31) Cyclohexane	7.801	56	103635	47.955	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	134886	54.883	ug/l	98
36) 1,1-Dichloropropene	7.929	75	91613	45.744	ug/l	99
37) Ethyl Acetate	7.088	43	33260	37.286	ug/l #	94
38) Carbon Tetrachloride	7.917	117	114806	57.861	ug/l	98
39) Methylcyclohexane	9.197	83	103356	43.234	ug/l	92
40) Benzene	8.173	78	306766	53.354	ug/l	98

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	19791	38.223	ug/l #	88
42) 1,2-Dichloroethane	8.246	62	71303	44.438	ug/l	94
43) Isopropyl Acetate	8.283	43	72357	41.008	ug/l #	91
44) Trichloroethene	8.953	130	76280	45.335	ug/l	96
45) 1,2-Dichloropropane	9.228	63	74636	53.961	ug/l	99
46) Dibromomethane	9.319	93	30855	39.325	ug/l	98
47) Bromodichloromethane	9.508	83	101080	50.704	ug/l	98
48) Methyl methacrylate	9.307	41	30867	38.471	ug/l #	87
49) 1,4-Dioxane	9.307	88	6137	612.480	ug/l #	58
51) 4-Methyl-2-Pentanone	10.081	43	170887	194.100	ug/l	92
52) Toluene	10.252	92	192146	51.572	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	75291	37.833	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	99871	42.767	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	48949	44.350	ug/l	94
56) Ethyl methacrylate	10.520	69	60760	42.390	ug/l	87
57) 1,3-Dichloropropane	10.801	76	79514	42.319	ug/l	98
59) 2-Hexanone	10.843	43	113647	188.373	ug/l	89
60) Dibromochloromethane	10.996	129	61015	44.065	ug/l	98
61) 1,2-Dibromoethane	11.099	107	39702	37.819	ug/l	99
64) Tetrachloroethene	10.734	164	77680	49.982	ug/l	98
65) Chlorobenzene	11.526	112	182434	52.554	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	77716	60.444	ug/l	99
67) Ethyl Benzene	11.605	91	346899	55.871	ug/l	97
68) m/p-Xylenes	11.709	106	266865	111.229	ug/l	95
69) o-Xylene	12.038	106	132659	57.911	ug/l	97
70) Styrene	12.057	104	191144	50.193	ug/l	98
71) Bromoform	12.215	173	32737	45.896	ug/l #	99
73) Isopropylbenzene	12.337	105	344788	74.465	ug/l	99
74) N-amyl acetate	12.154	43	59960	59.592	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	45775	62.128	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	58423	100.507	ug/l #	100
77) Bromobenzene	12.617	156	64323	61.351	ug/l	93
78) n-propylbenzene	12.678	91	356779	65.175	ug/l	99
79) 2-Chlorotoluene	12.764	91	213163	69.817	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	262318	69.928	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	13929	51.957	ug/l	92
82) 4-Chlorotoluene	12.861	91	185045	59.022	ug/l	99
83) tert-Butylbenzene	13.081	119	234823	69.961	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	252807	68.108	ug/l	98
85) sec-Butylbenzene	13.264	105	300671	61.033	ug/l	99
86) p-Isopropyltoluene	13.379	119	246788	60.444	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	110926	53.497	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	216130	105.461	ug/l	99
89) n-Butylbenzene	13.703	91	179611	47.876	ug/l	97
90) Hexachloroethane	13.971	117	44919	63.841	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	102815	57.389	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6713	50.910	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	37320	33.750	ug/l	96
94) Hexachlorobutadiene	15.117	225	15943	26.385	ug/l	97
95) Naphthalene	15.245	128	95794	44.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	32068	33.949	ug/l	97

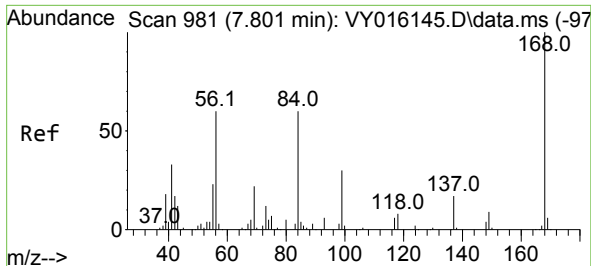
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

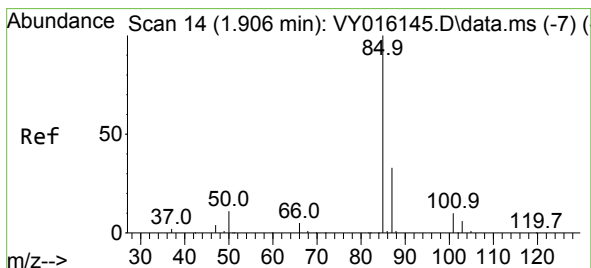
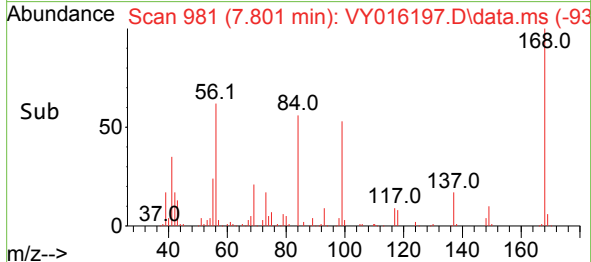
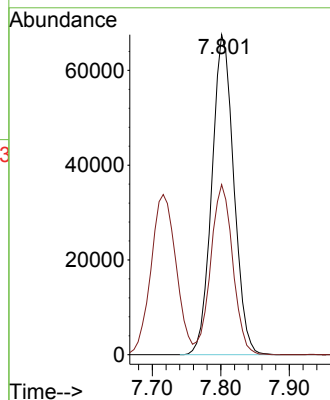
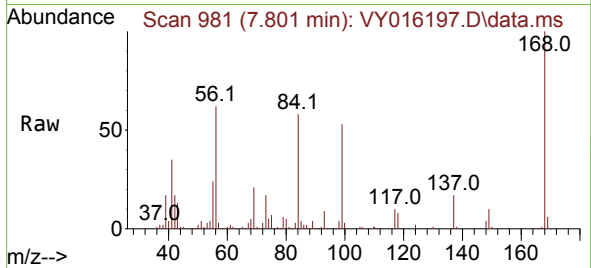
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



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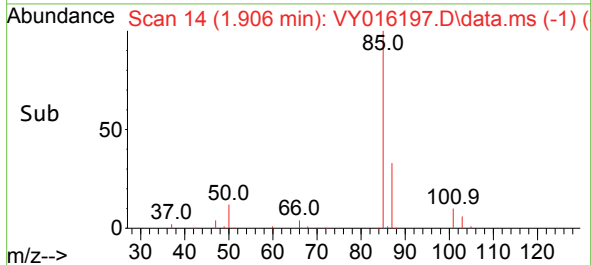
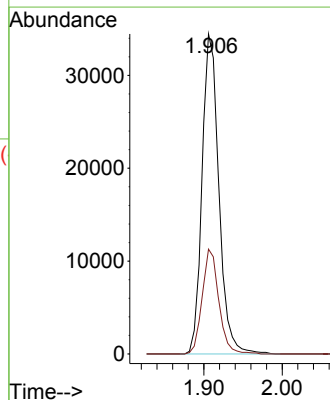
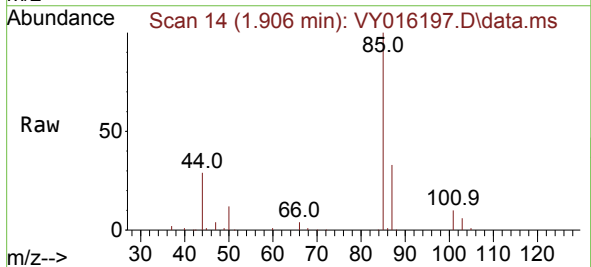
Instrument :
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ClientSampleId :

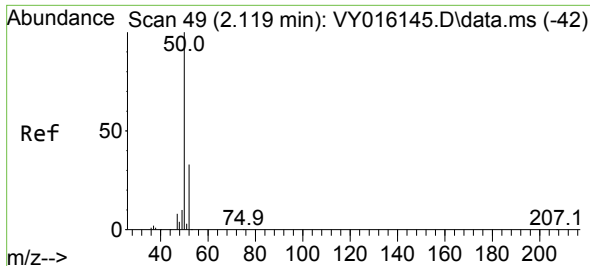
Tgt Ion:168 Resp: 150239
Ion Ratio Lower Upper
168 100
99 53.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 53.549 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 85 Resp: 51319
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

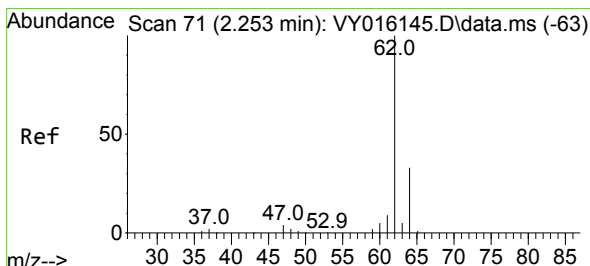
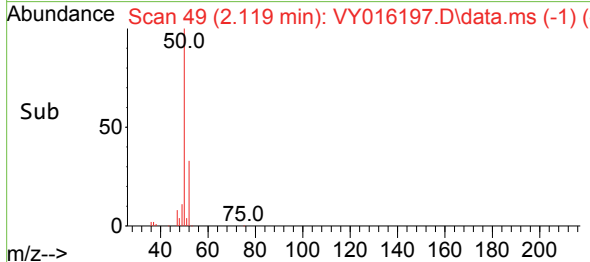
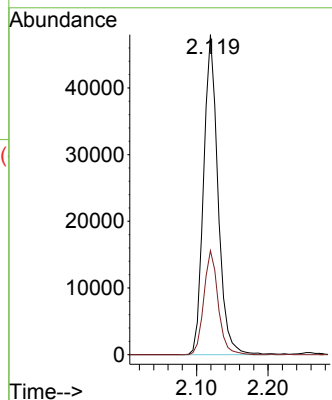
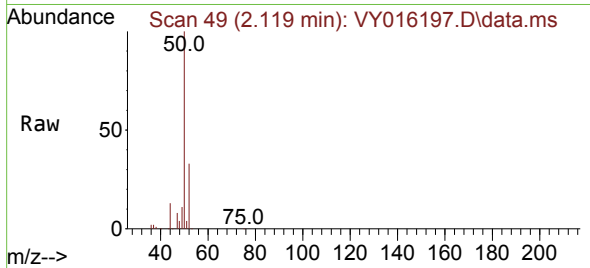




#3
Chloromethane
Concen: 50.605 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

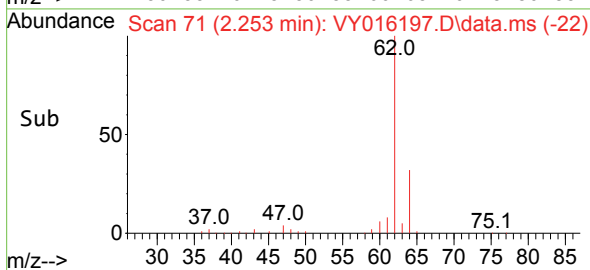
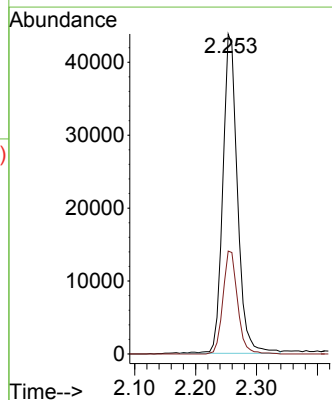
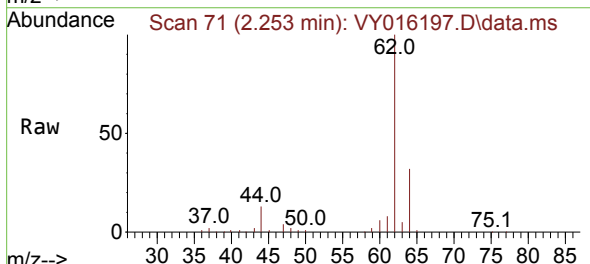
Instrument :
MSVOA_Y
ClientSampleId :

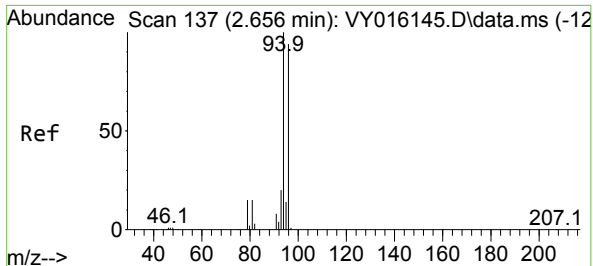
Tgt Ion: 50 Resp: 67147
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.2



#4
Vinyl Chloride
Concen: 53.246 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 62 Resp: 72920
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5





#5

Bromomethane

Concen: 50.059 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

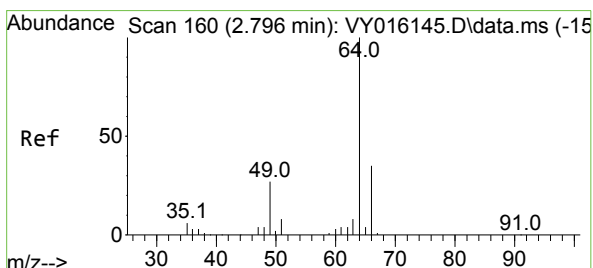
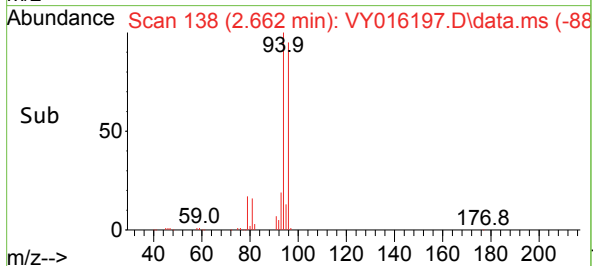
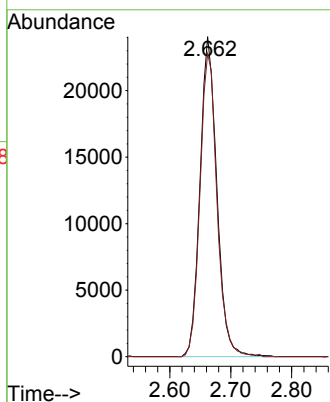
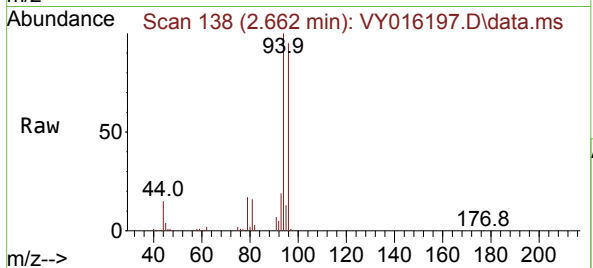
ClientSampleId :

Tgt Ion: 94 Resp: 46266

Ion Ratio Lower Upper

94 100

96 94.7 75.8 113.6



#6

Chloroethane

Concen: 52.621 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.006 min

Lab File: VY016197.D

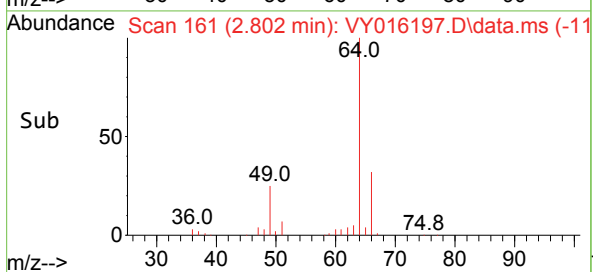
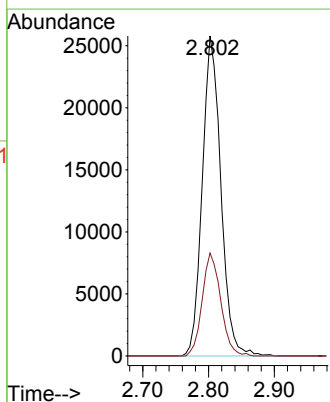
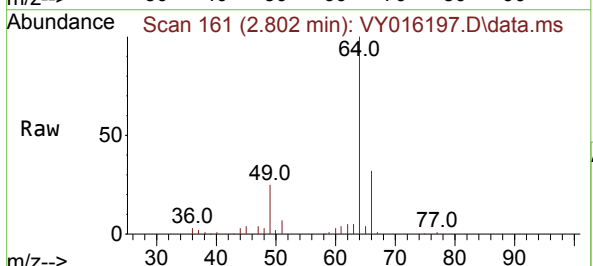
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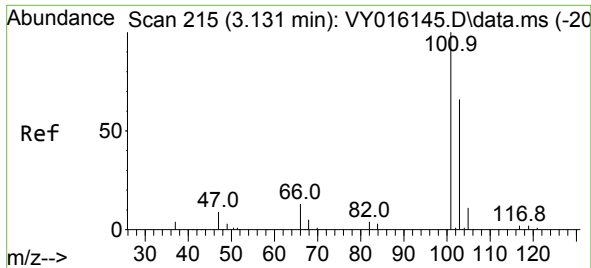
Tgt Ion: 64 Resp: 50735

Ion Ratio Lower Upper

64 100

66 32.2 24.4 36.6

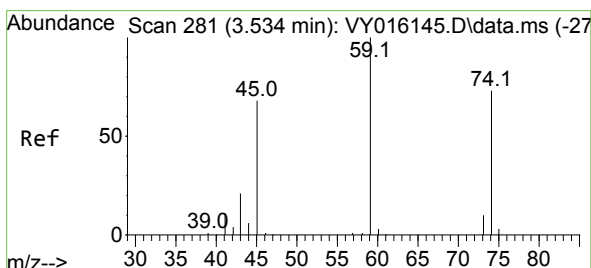
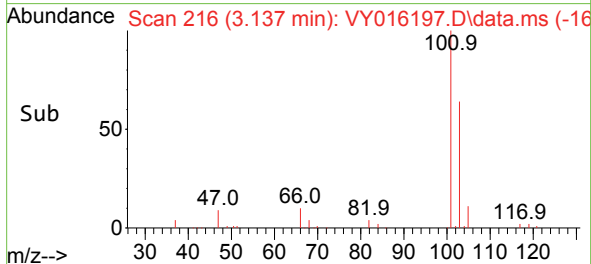
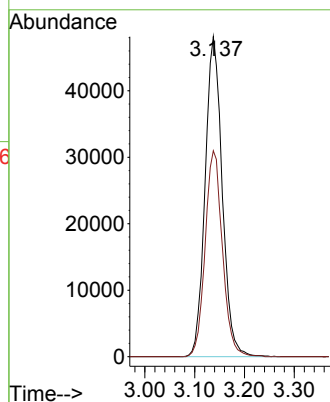
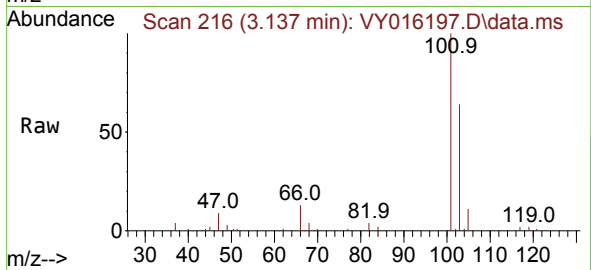




#7
Trichlorofluoromethane
Concen: 55.393 ug/l
RT: 3.137 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

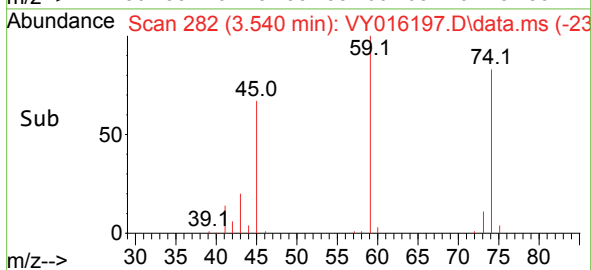
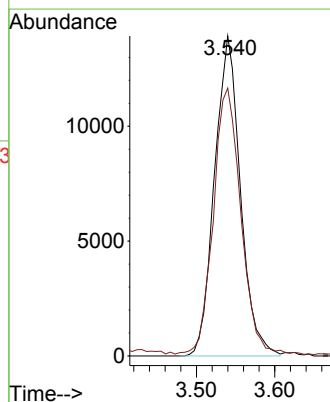
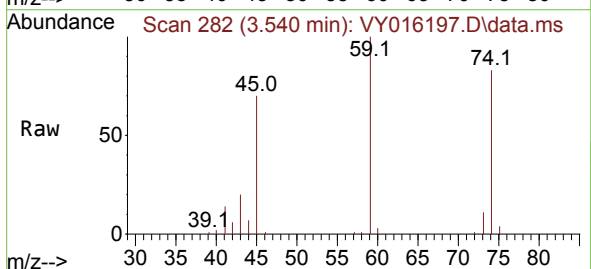
Instrument :
MSVOA_Y
ClientSampleId :

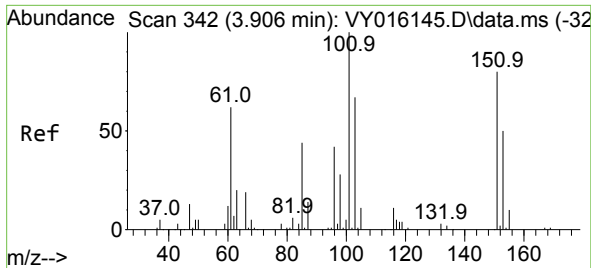
Tgt Ion:101 Resp: 114526
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0



#8
Diethyl Ether
Concen: 46.636 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 74 Resp: 31957
Ion Ratio Lower Upper
74 100
45 88.9 51.5 154.5

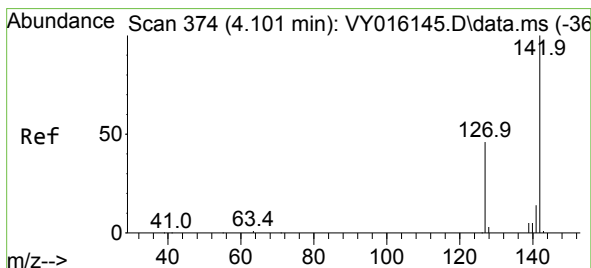
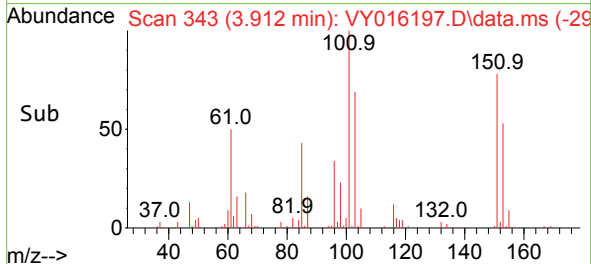
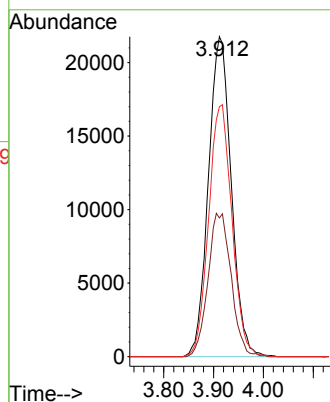
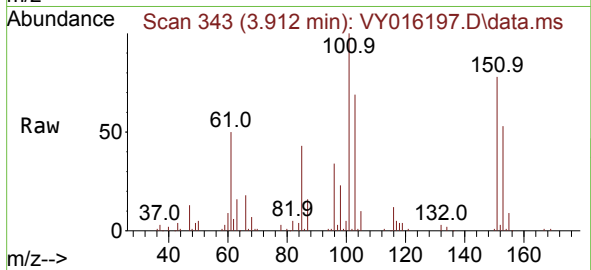




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.187 ug/l
RT: 3.912 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY016197.D
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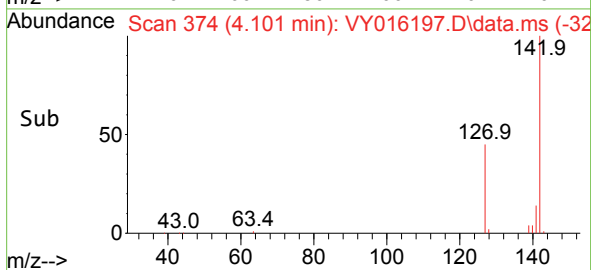
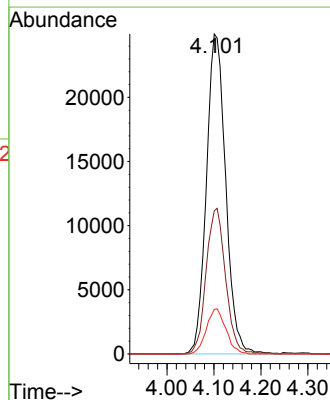
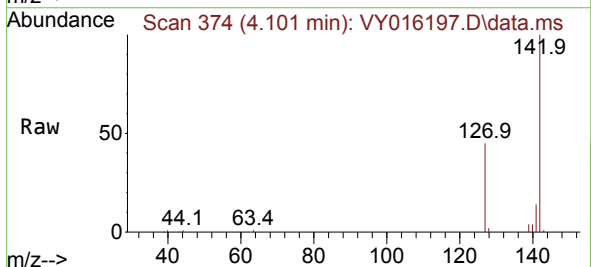
Instrument :
MSVOA_Y
ClientSampleId :

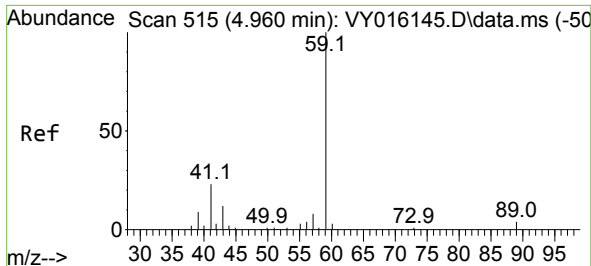
Tgt Ion:101 Resp: 69276
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 80.3 67.0 100.6



#10
Methyl Iodide
Concen: 49.026 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion:142 Resp: 71007
Ion Ratio Lower Upper
142 100
127 45.9 37.6 56.4
141 14.3 11.8 17.8

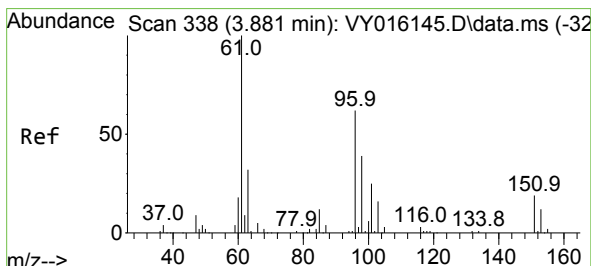
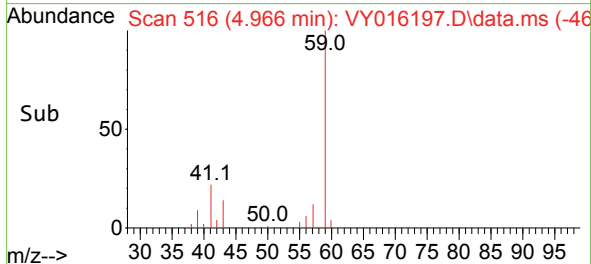
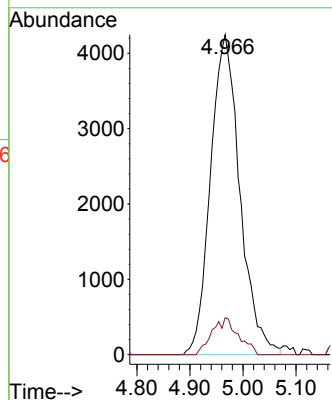
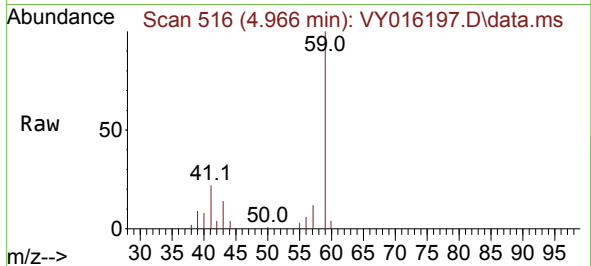




#11
Tert butyl alcohol
Concen: 155.441 ug/l
RT: 4.966 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

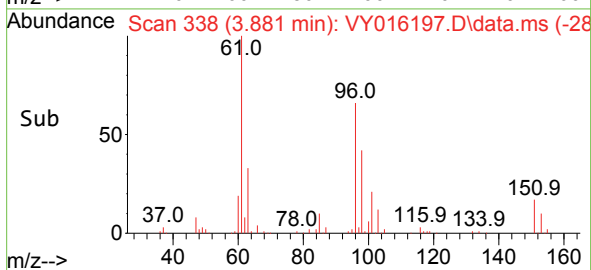
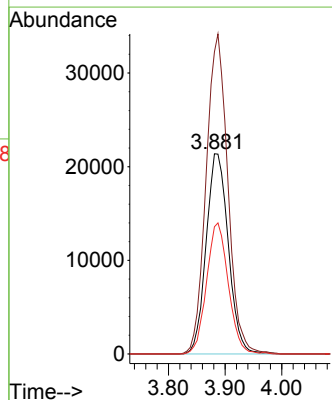
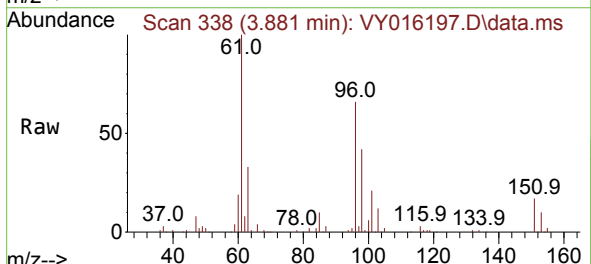
Instrument :
MSVOA_Y
ClientSampleId :

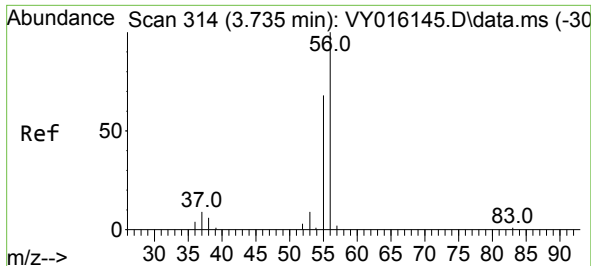
Tgt Ion: 59 Resp: 16327
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.951 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

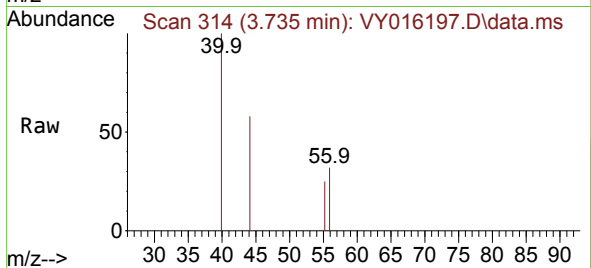
Tgt Ion: 96 Resp: 58193
Ion Ratio Lower Upper
96 100
61 150.9 136.4 204.6
98 63.5 49.4 74.2



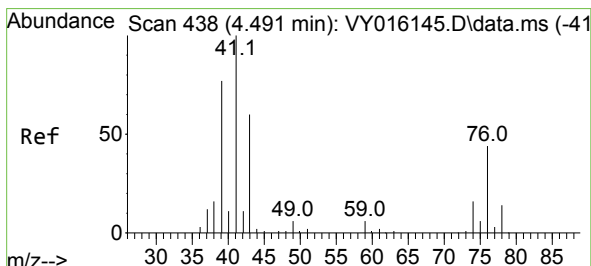
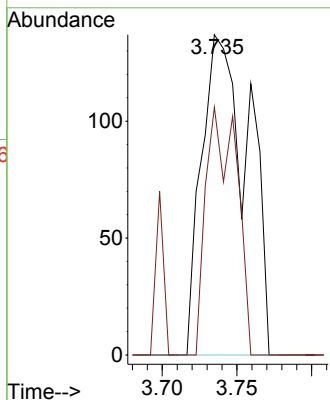
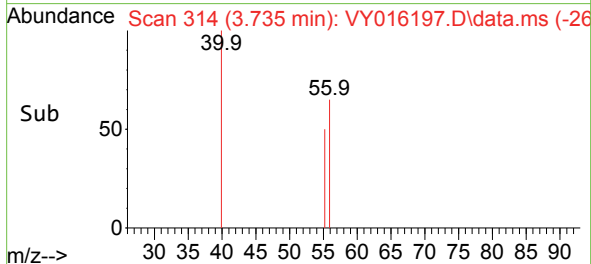


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

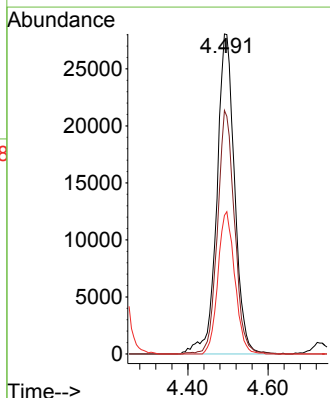
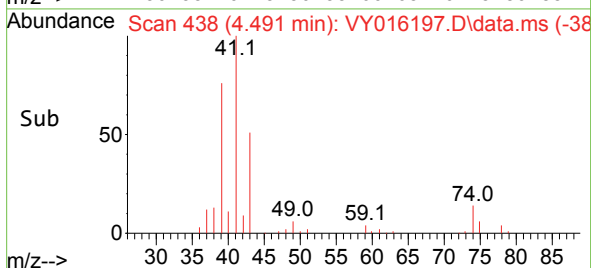
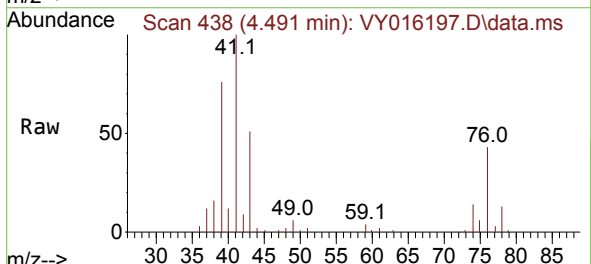


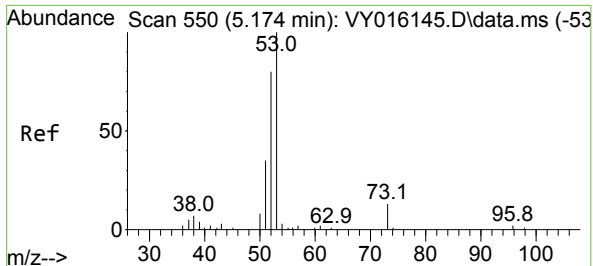
Tgt Ion: 56 Resp: 296
Ion Ratio Lower Upper
56 100
55 51.4 57.0 85.4#



#14
Allyl chloride
Concen: 50.771 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 41 Resp: 86332
Ion Ratio Lower Upper
41 100
39 72.9 58.0 87.0
76 42.2 27.4 41.2#

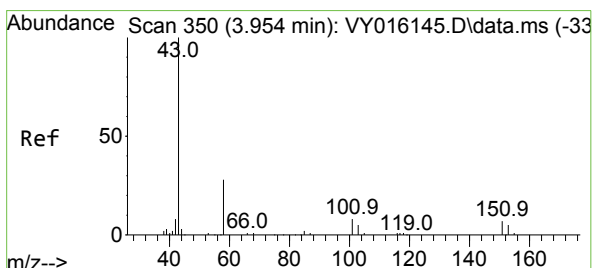
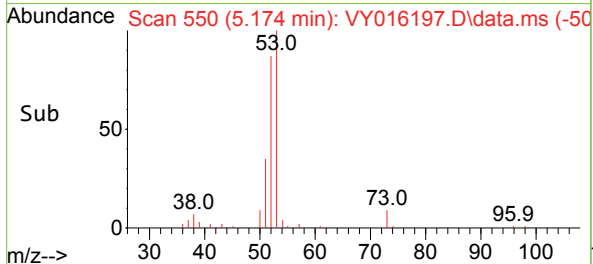
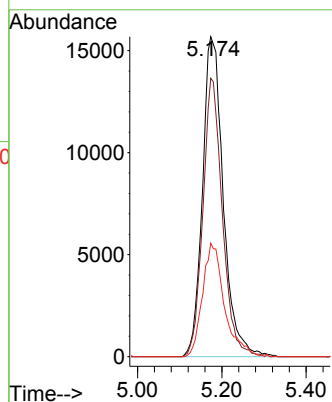
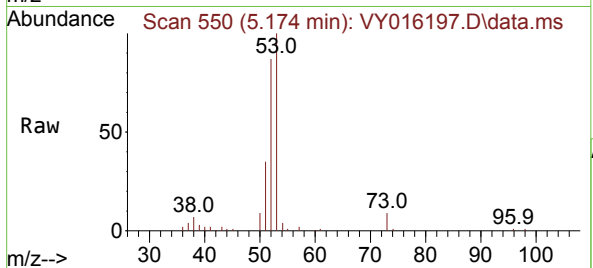




#15
Acrylonitrile
Concen: 183.653 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

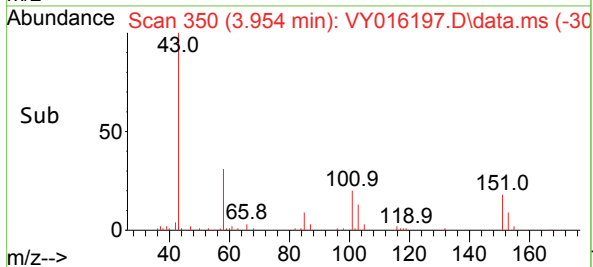
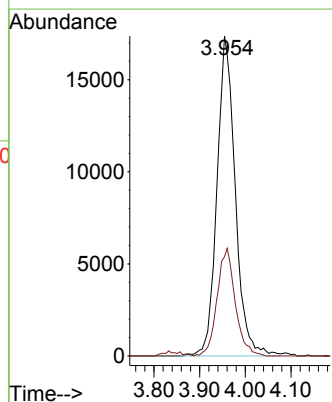
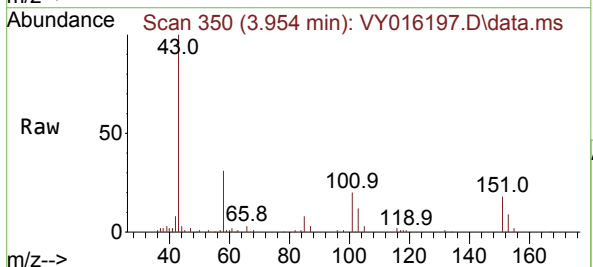
Instrument :
MSVOA_Y
ClientSampleId :

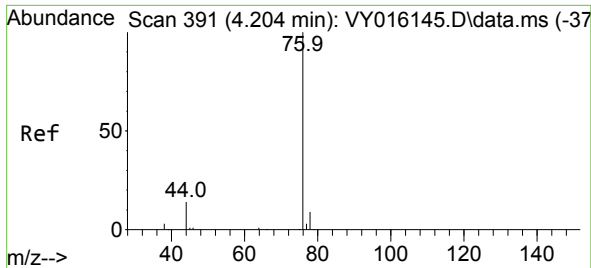
Tgt Ion: 53 Resp: 53776
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 37.3 29.8 44.6



#16
Acetone
Concen: 212.620 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 43 Resp: 48355
Ion Ratio Lower Upper
43 100
58 31.0 22.7 34.1





#17

Carbon Disulfide

Concen: 41.542 ug/l

RT: 4.210 min Scan# 391

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

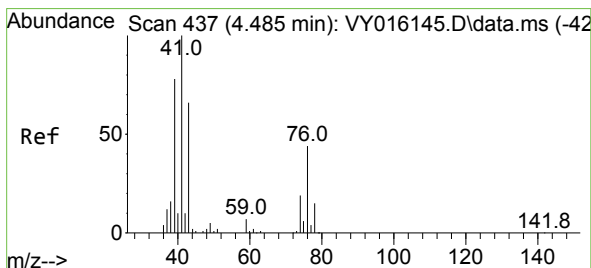
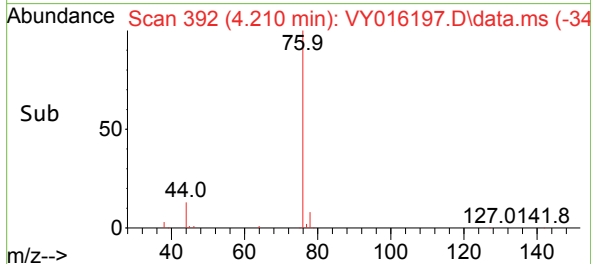
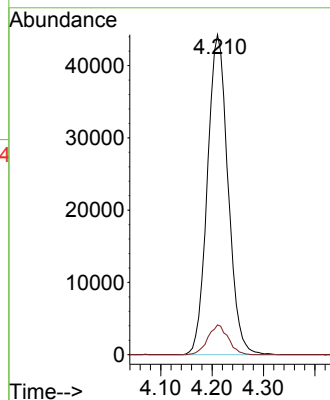
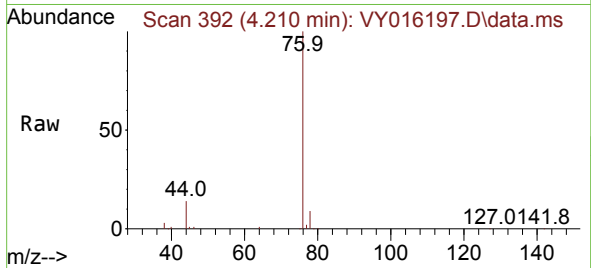
ClientSampleId :

Tgt Ion: 76 Resp: 123296

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.4



#18

Methyl Acetate

Concen: 38.357 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY016197.D

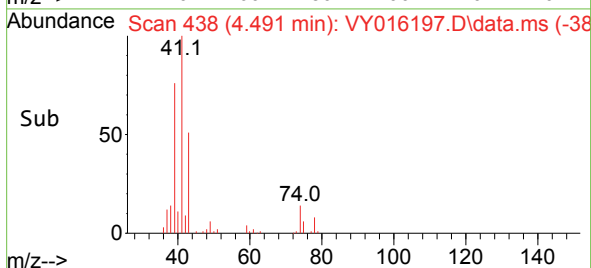
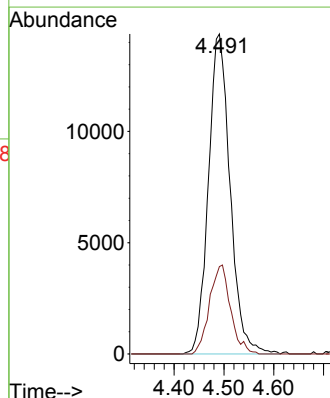
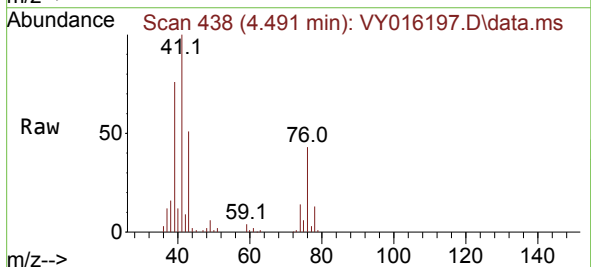
Acq: 02 Nov 2023 17:55

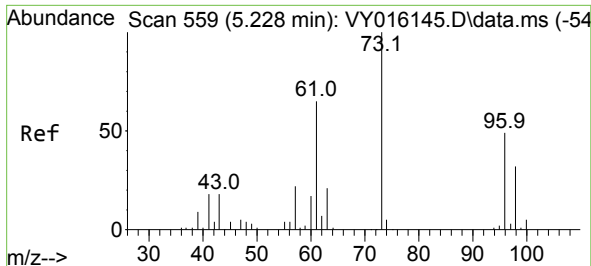
Tgt Ion: 43 Resp: 43365

Ion Ratio Lower Upper

43 100

74 27.0 17.4 26.0#

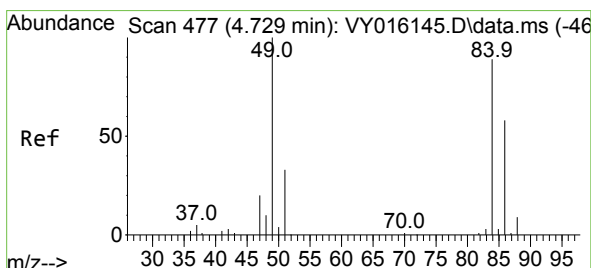
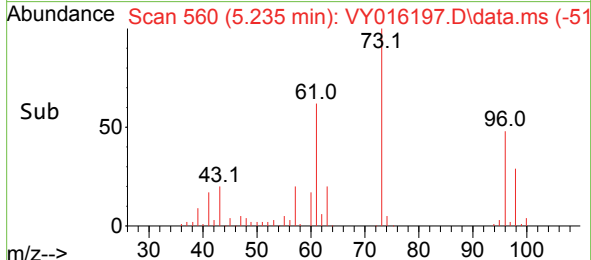
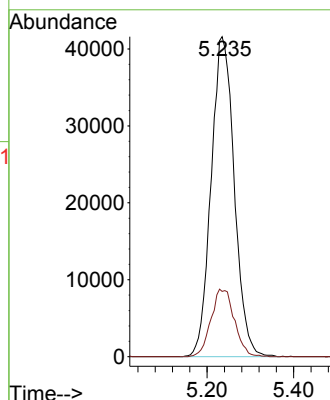
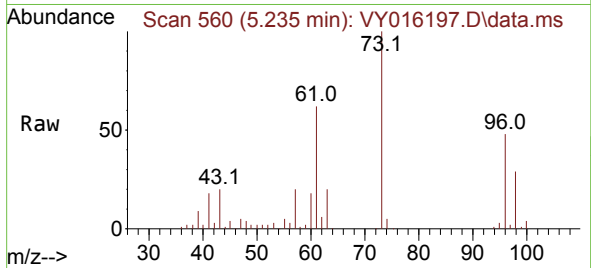




#19
Methyl tert-butyl Ether
Concen: 45.742 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

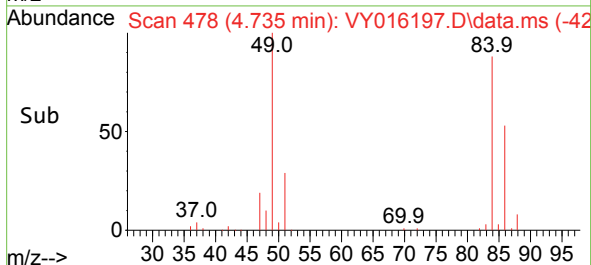
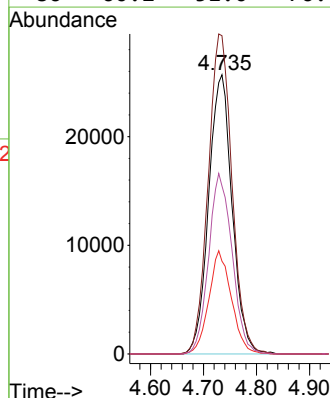
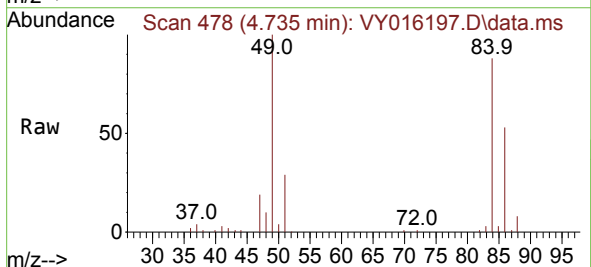
Instrument :
MSVOA_Y
ClientSampleId :

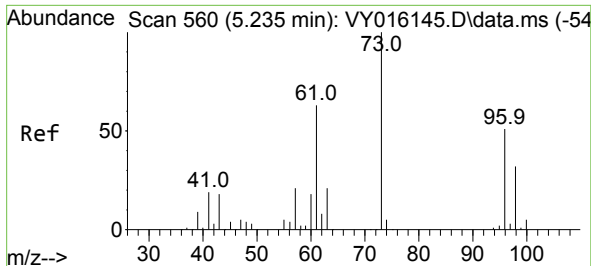
Tgt Ion: 73 Resp: 154678
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 55.613 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

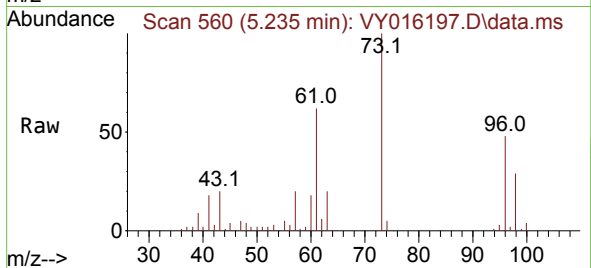
Tgt Ion: 84 Resp: 79031
Ion Ratio Lower Upper
84 100
49 114.0 106.9 160.3
51 33.2 33.2 49.8
86 60.2 51.0 76.6



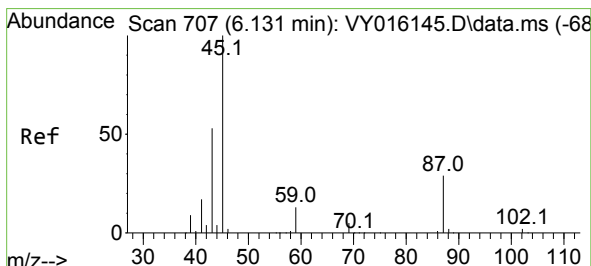
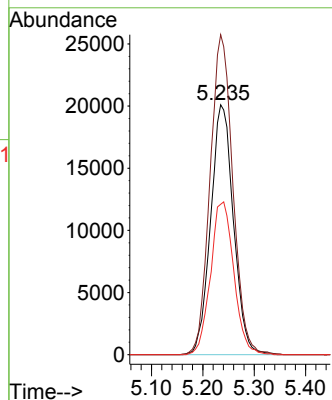
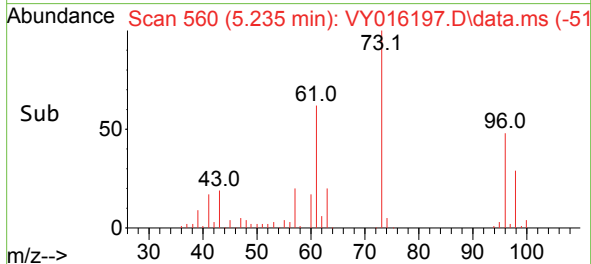


#21
trans-1,2-Dichloroethene
Concen: 44.762 ug/l
RT: 5.235 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

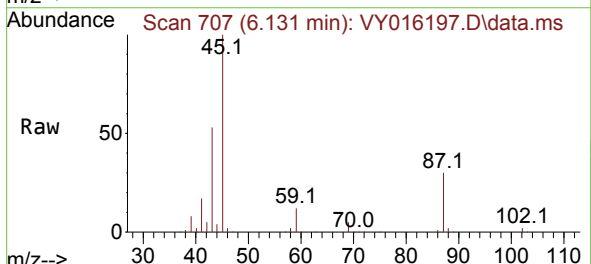
Instrument :
MSVOA_Y
ClientSampleId :



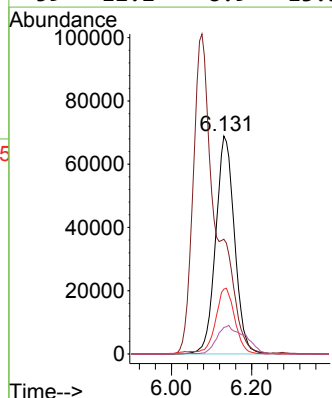
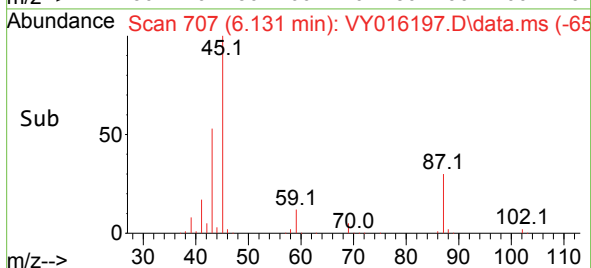
Tgt Ion: 96 Resp: 61984
Ion Ratio Lower Upper
96 100
61 128.1 110.2 165.4
98 60.2 51.8 77.6

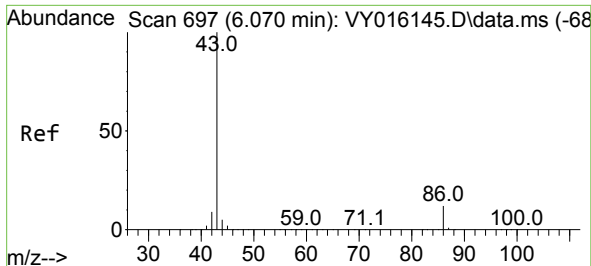


#22
Diisopropyl ether
Concen: 54.647 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55



Tgt Ion: 45 Resp: 224755
Ion Ratio Lower Upper
45 100
43 52.1 52.2 78.4#
87 29.8 21.0 31.6
59 12.2 8.9 13.3

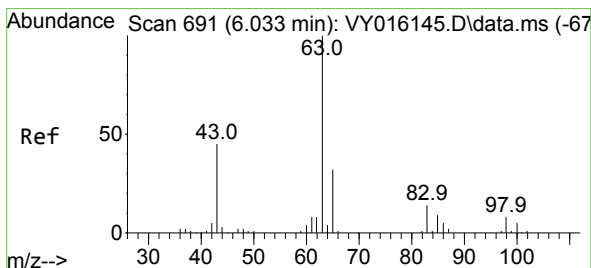
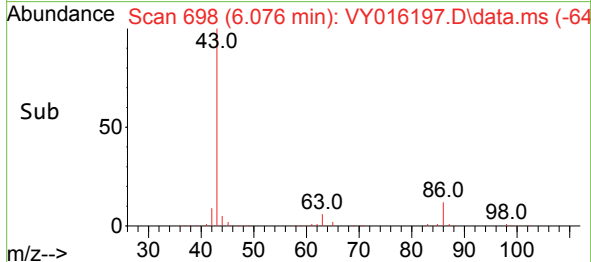
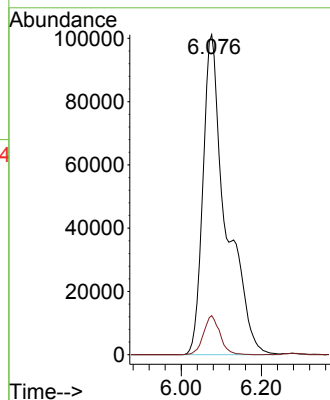
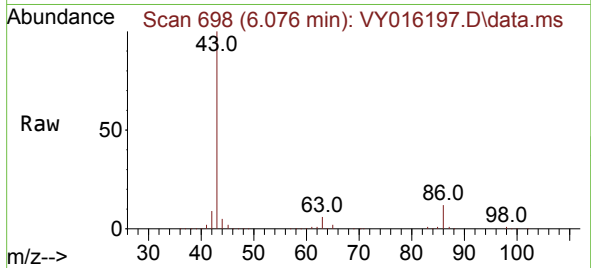




#23
 Vinyl Acetate
 Concen: 199.594 ug/l
 RT: 6.076 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY016197.D
 Acq: 02 Nov 2023 17:55

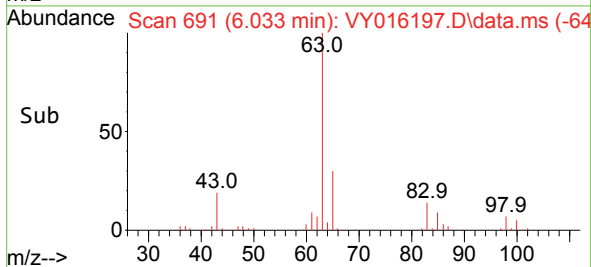
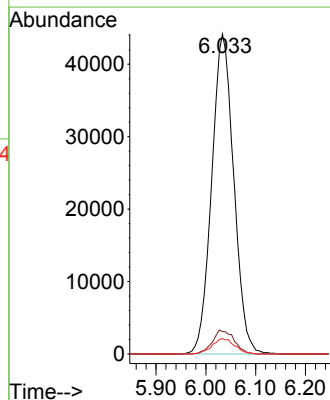
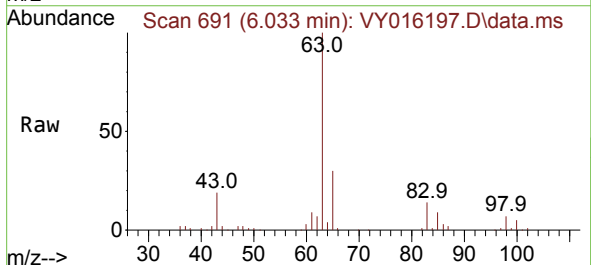
Instrument :
 MSVOA_Y
 ClientSampleId :

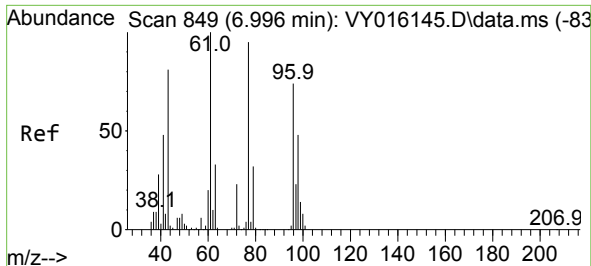
Tgt Ion: 43 Resp: 403051
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 55.161 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016197.D
 Acq: 02 Nov 2023 17:55

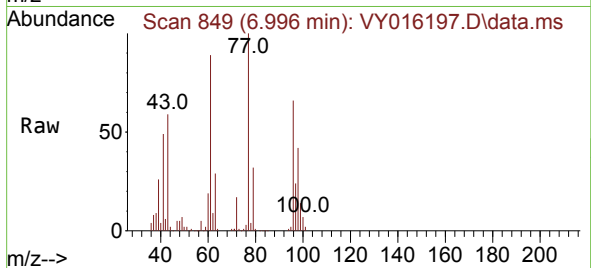
Tgt Ion: 63 Resp: 135779
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.8 1.8 5.5



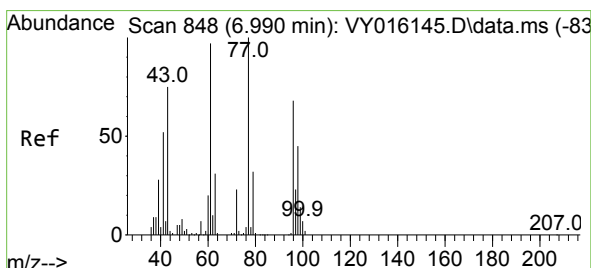
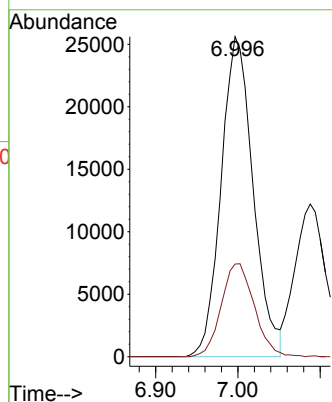
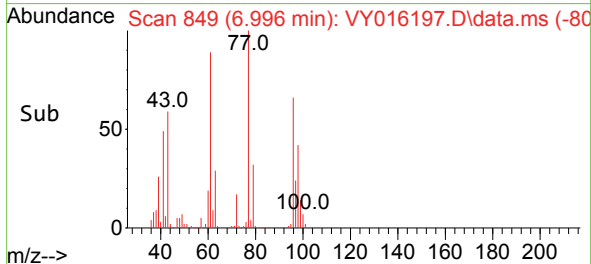


#25
2-Butanone
Concen: 179.030 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

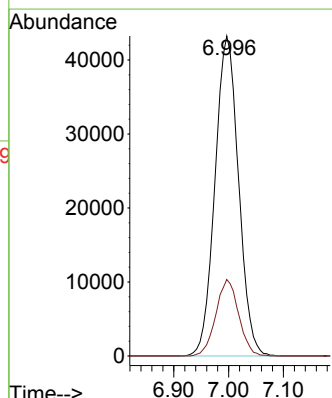
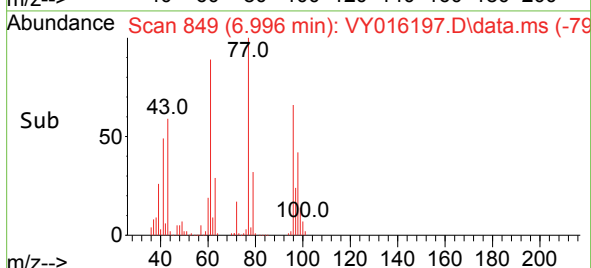
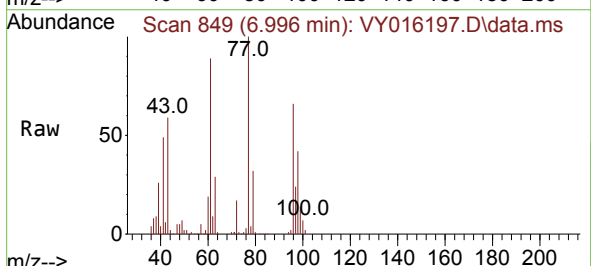


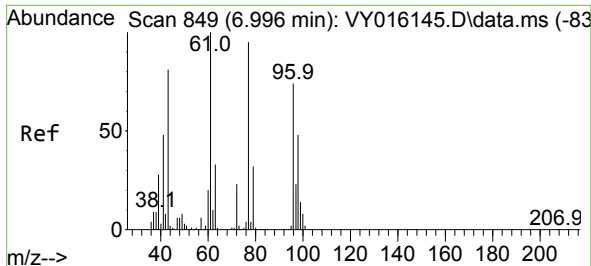
Tgt Ion: 43 Resp: 69438
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 55.490 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 77 Resp: 129119
Ion Ratio Lower Upper
77 100
97 23.1 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.487 ug/l

RT: 7.003 min Scan# 81

Delta R.T. 0.006 min

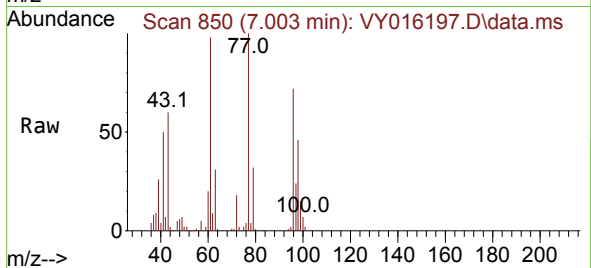
Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :



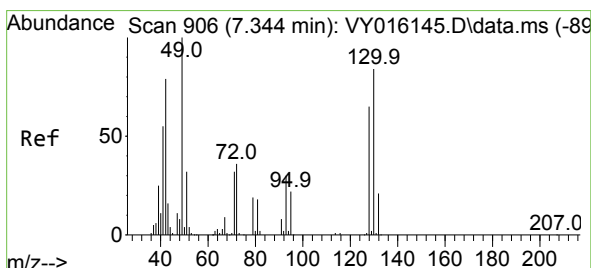
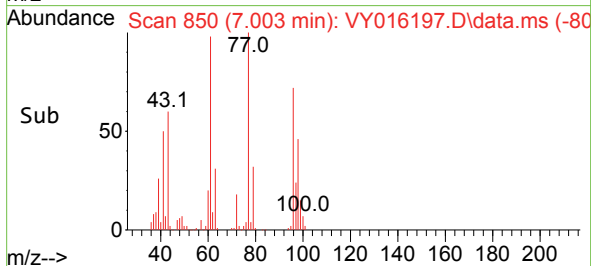
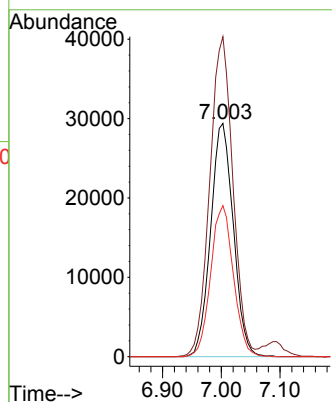
Tgt Ion: 96 Resp: 79016

Ion Ratio Lower Upper

96 100

61 139.6 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 1.271 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

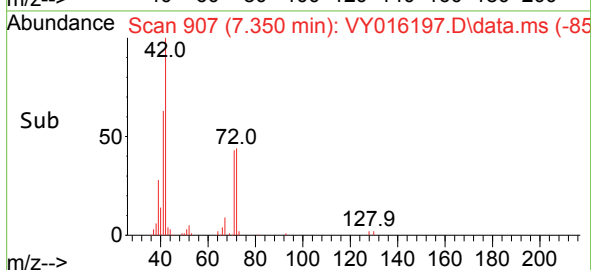
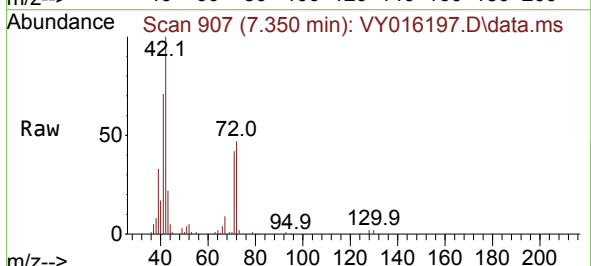
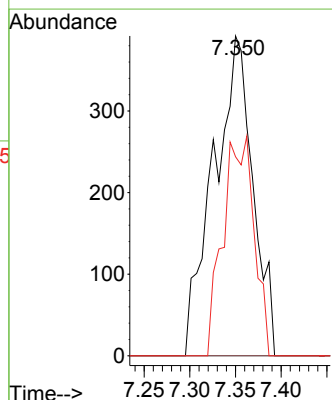
Tgt Ion: 49 Resp: 1171

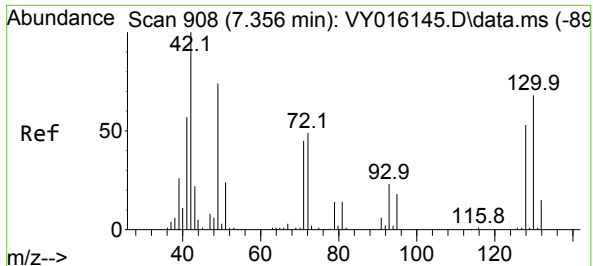
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 54.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 183.634 ug/l

RT: 7.362 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

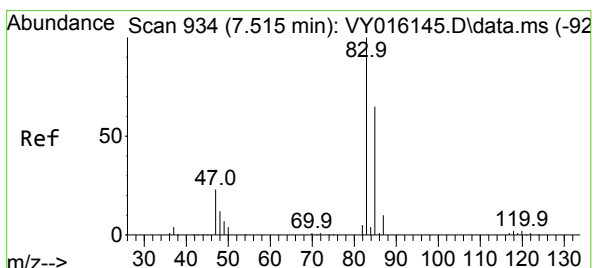
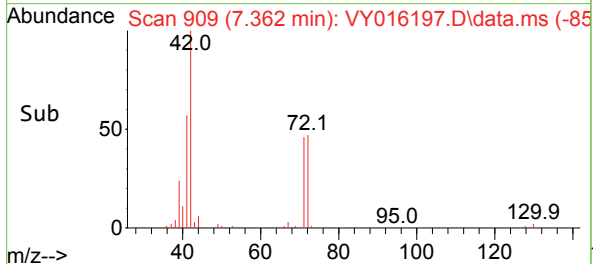
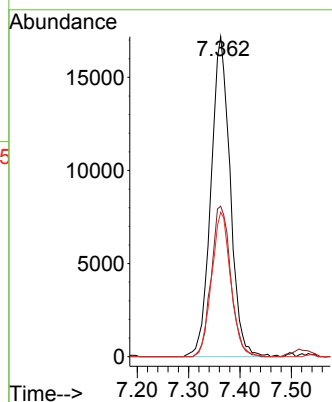
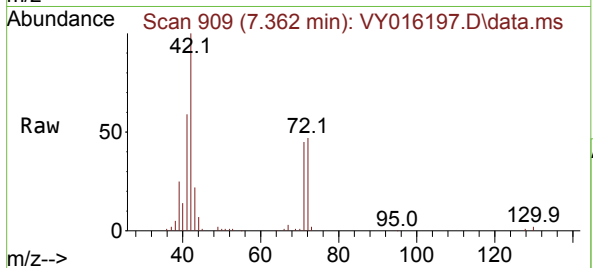
Tgt Ion: 42 Resp: 44647

Ion Ratio Lower Upper

42 100

72 47.7 32.8 49.2

71 44.9 31.0 46.4



#30

Chloroform

Concen: 53.113 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY016197.D

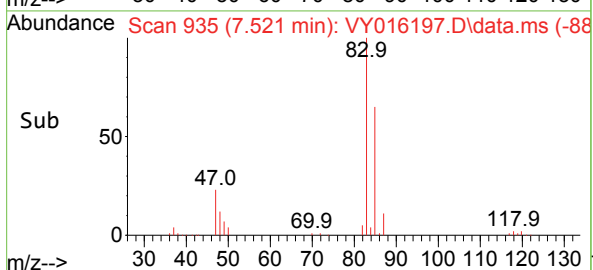
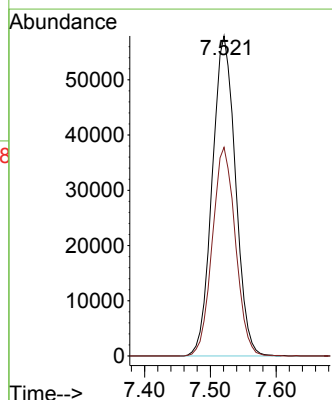
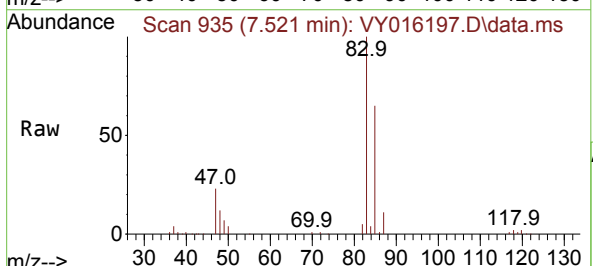
Acq: 02 Nov 2023 17:55

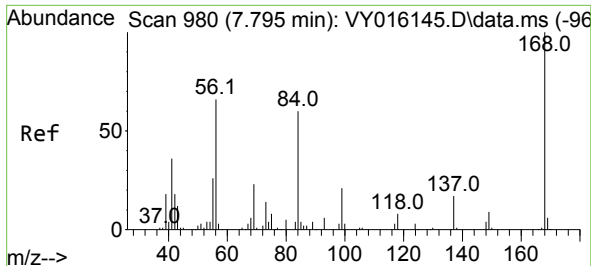
Tgt Ion: 83 Resp: 142337

Ion Ratio Lower Upper

83 100

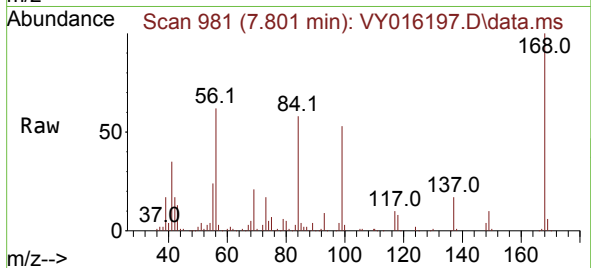
85 65.2 49.7 74.5



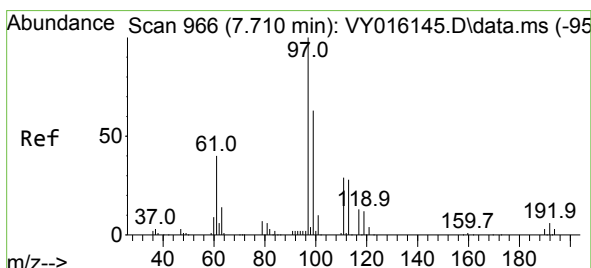
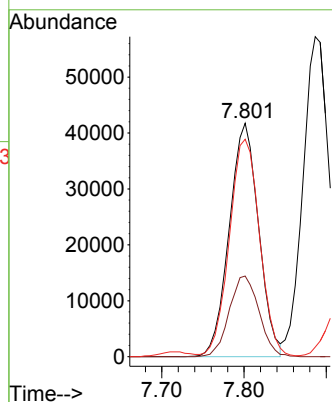
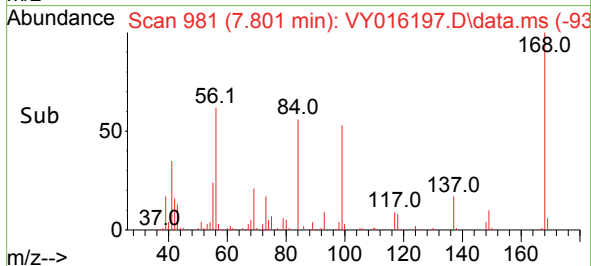


#31
Cyclohexane
Concen: 47.955 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

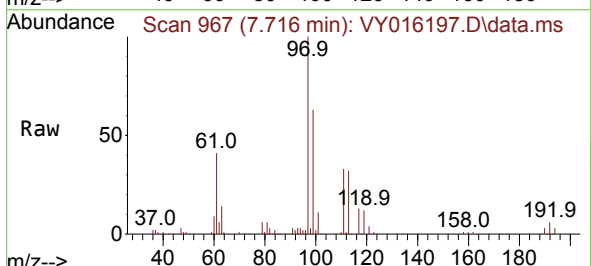
Instrument :
MSVOA_Y
ClientSampleId :



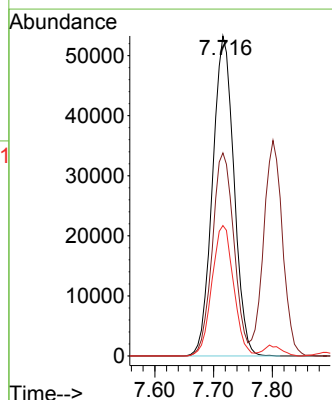
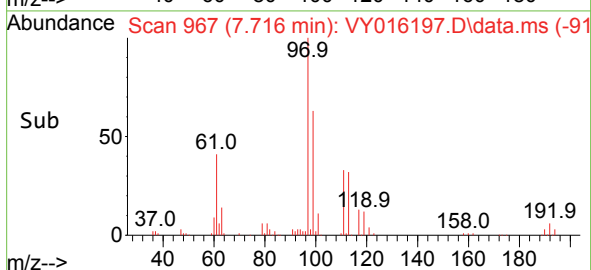
Tgt Ion: 56 Resp: 103635
Ion Ratio Lower Upper
56 100
69 34.6 27.8 41.6
84 91.1 66.4 99.6

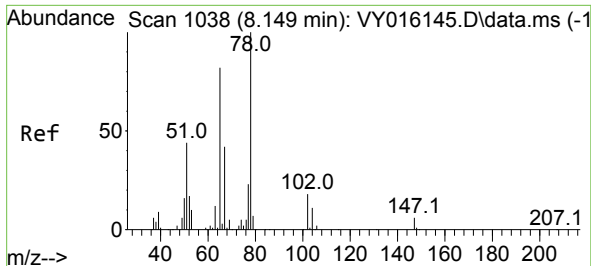


#32
1,1,1-Trichloroethane
Concen: 54.883 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55



Tgt Ion: 97 Resp: 134886
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 42.555 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

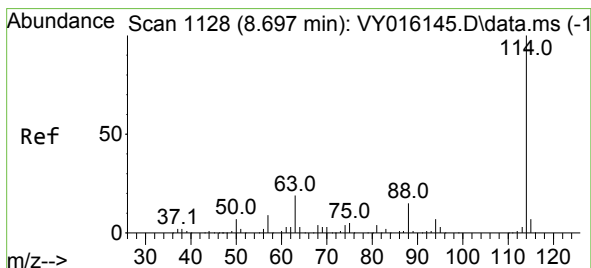
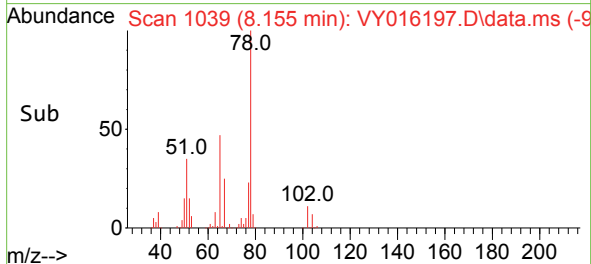
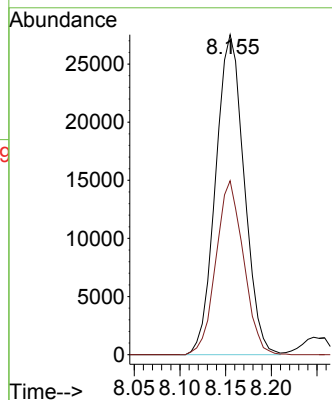
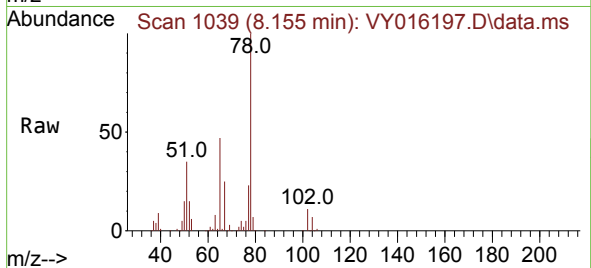
ClientSampleId :

Tgt Ion: 65 Resp: 59826

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

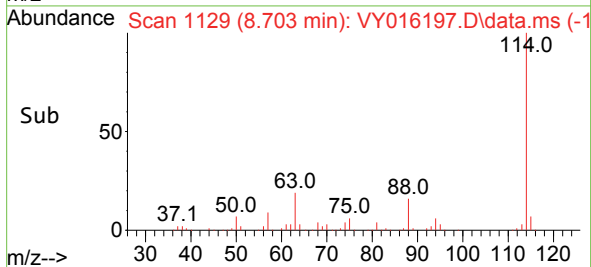
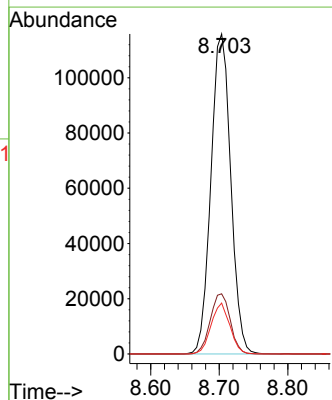
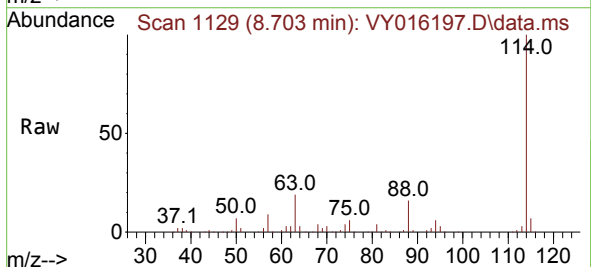
Tgt Ion: 114 Resp: 232643

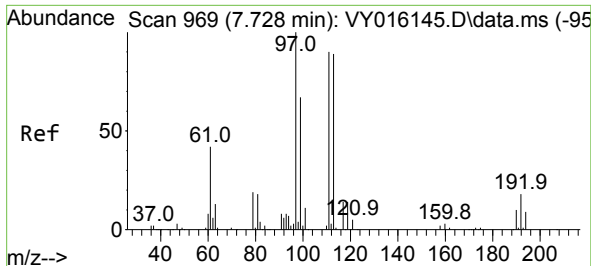
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.4

88 15.9 0.0 30.6

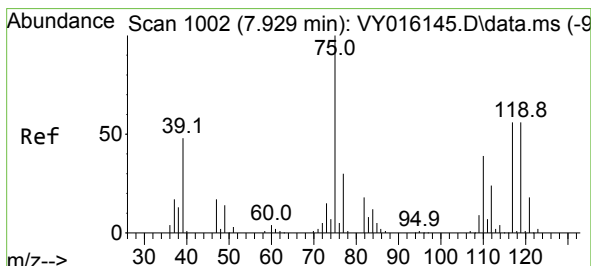
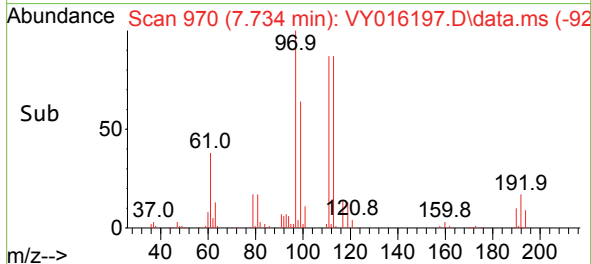
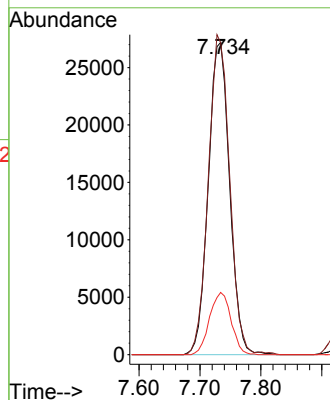
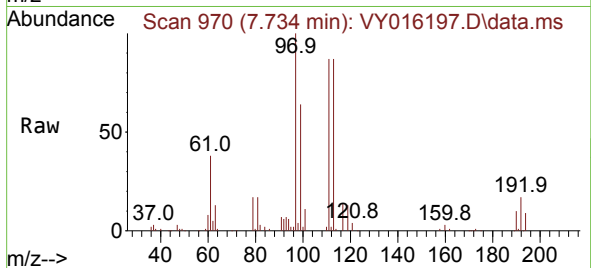




#35
Dibromofluoromethane
Concen: 47.726 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

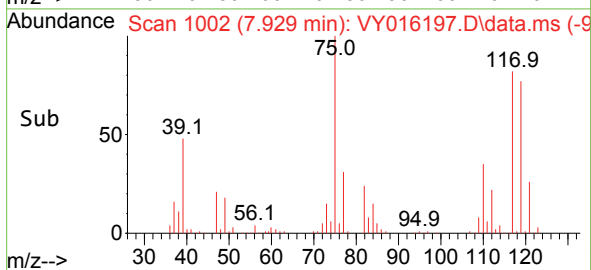
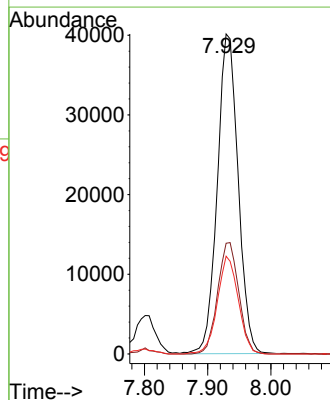
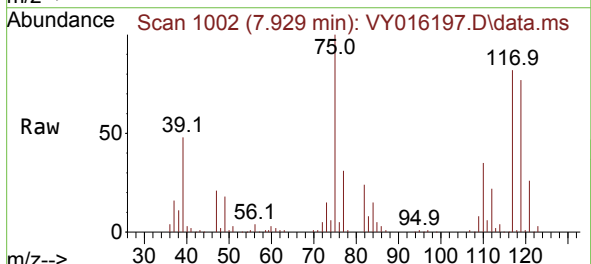
Instrument :
MSVOA_Y
ClientSampleId :

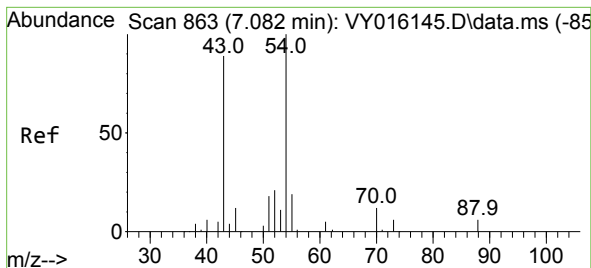
Tgt Ion:113 Resp: 66193
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 20.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 45.744 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 75 Resp: 91613
Ion Ratio Lower Upper
75 100
110 35.2 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 37.286 ug/l

RT: 7.088 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016197.D

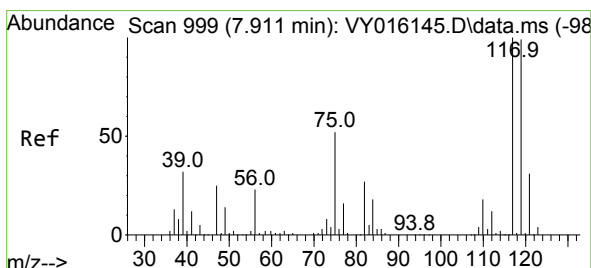
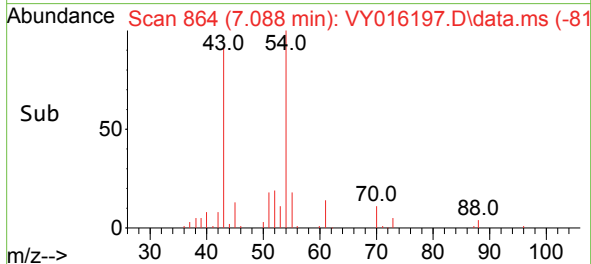
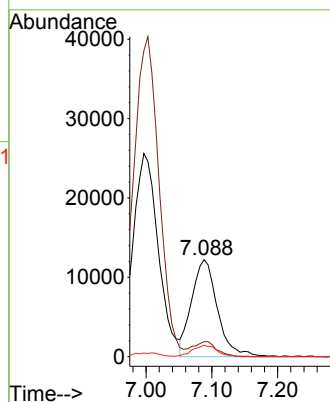
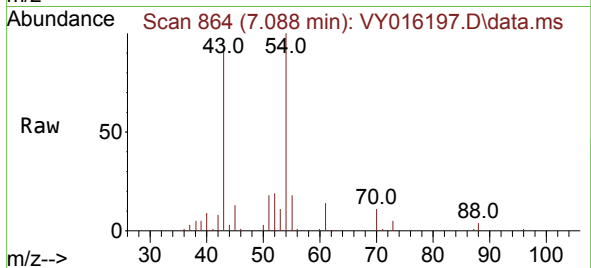
Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 33260
Ion Ratio	Lower Upper
43	100
61	14.7 10.1 15.1
70	11.1 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 57.861 ug/l

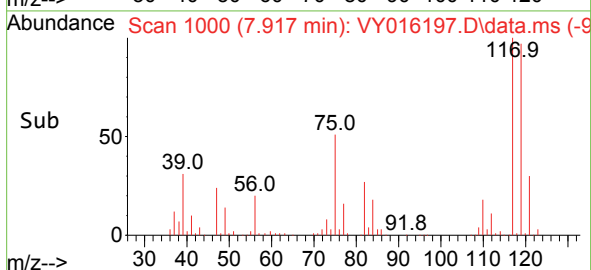
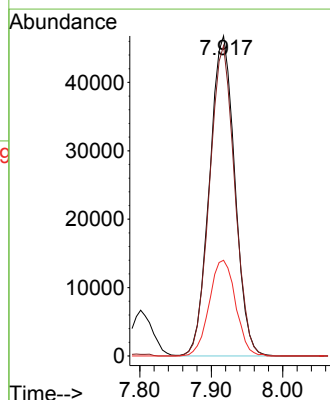
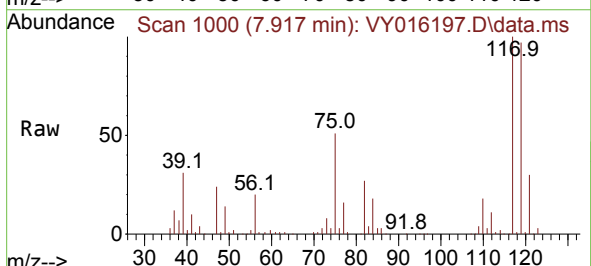
RT: 7.917 min Scan# 1000

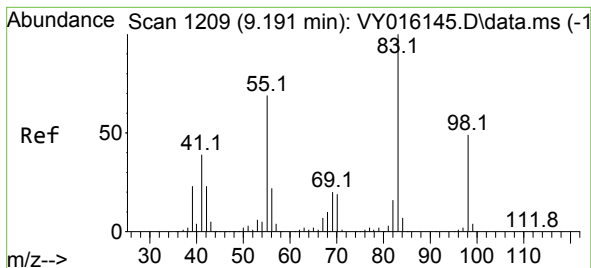
Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Tgt Ion: 117	Resp: 114806
Ion Ratio	Lower Upper
117	100
119	97.0 76.4 114.6
121	29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 43.234 ug/l

RT: 9.197 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

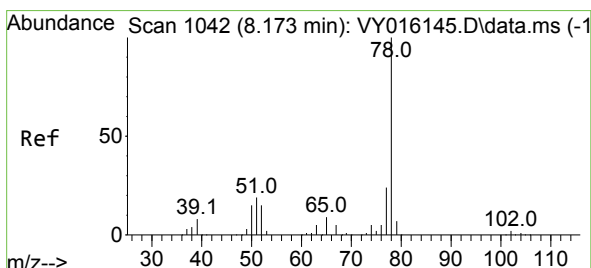
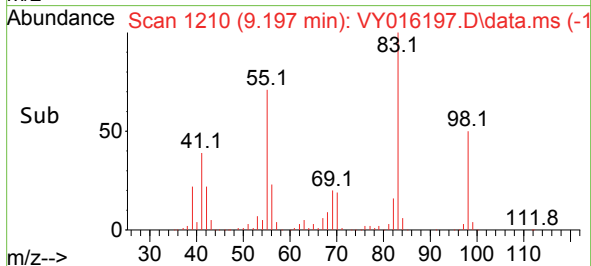
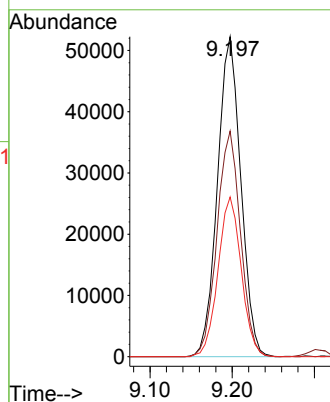
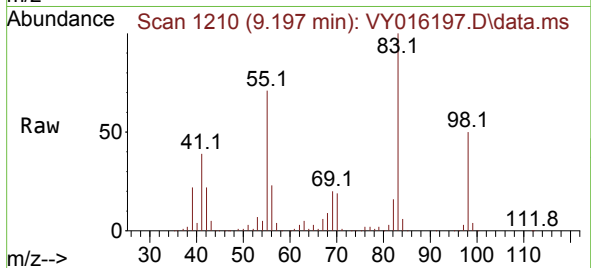
Tgt Ion: 83 Resp: 103356

Ion Ratio Lower Upper

83 100

55 70.5 63.0 94.4

98 49.9 37.4 56.2



#40

Benzene

Concen: 53.354 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016197.D

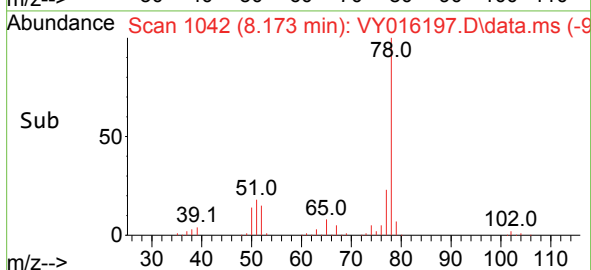
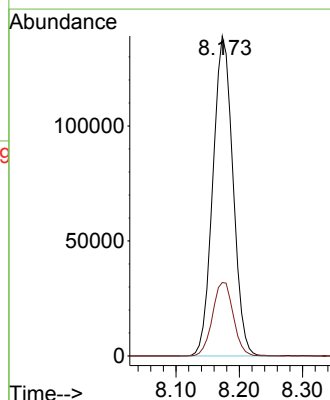
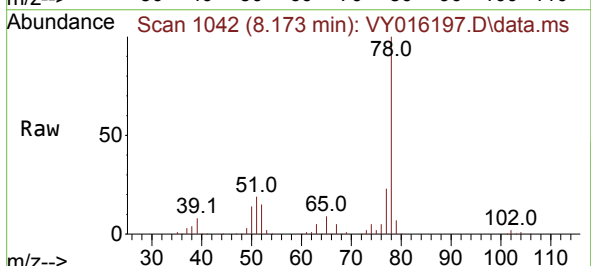
Acq: 02 Nov 2023 17:55

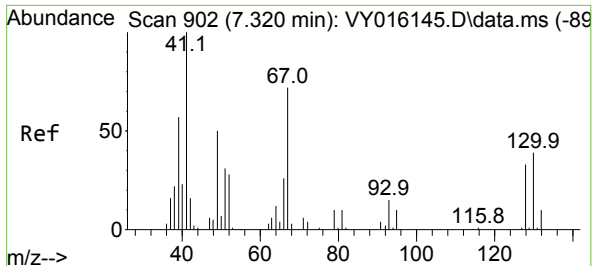
Tgt Ion: 78 Resp: 306766

Ion Ratio Lower Upper

78 100

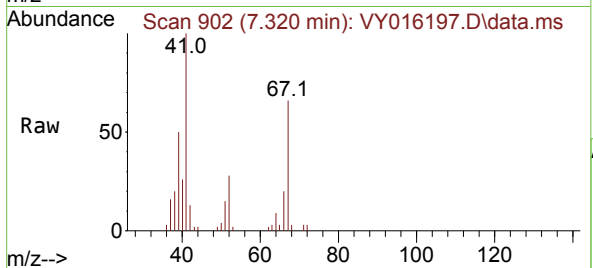
77 22.9 19.0 28.6



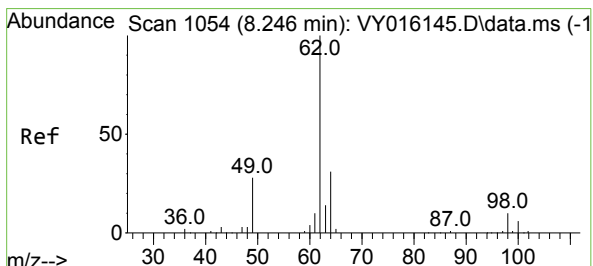
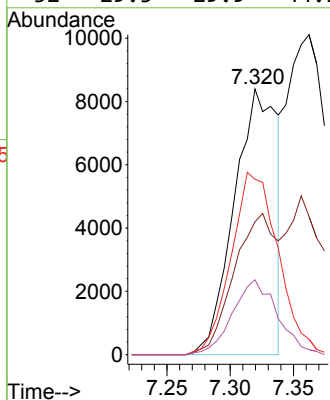
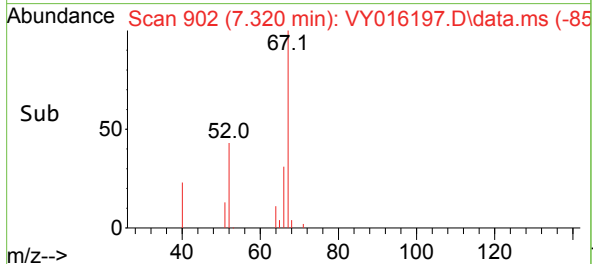


#41
Methacrylonitrile
Concen: 38.223 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

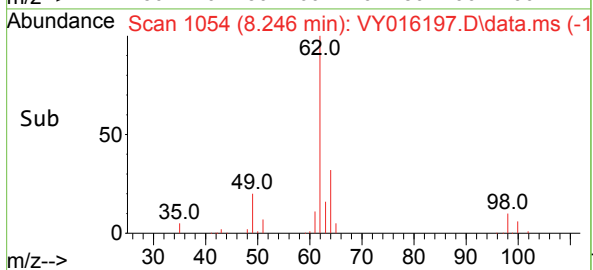
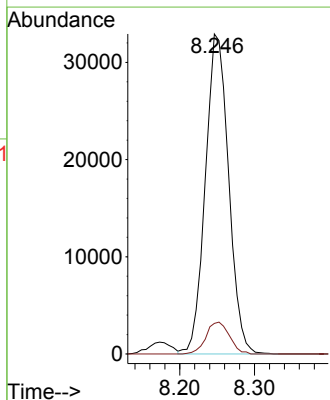
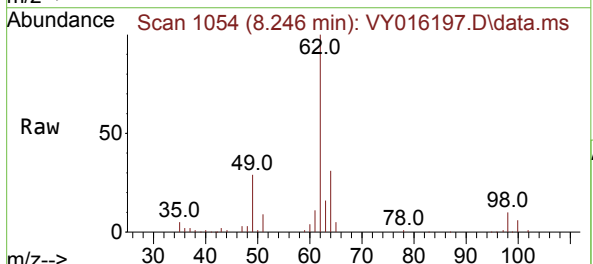


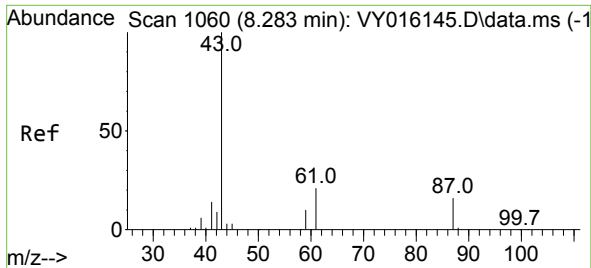
Tgt Ion:	41	Resp:	19791
Ion	Ratio	Lower	Upper
41	100		
39	52.6	52.1	78.1
67	75.7	66.2	99.2
52	29.5	29.9	44.9



#42
1,2-Dichloroethane
Concen: 44.438 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion:	62	Resp:	71303
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	15.8

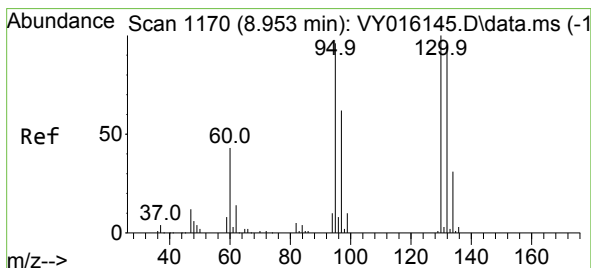
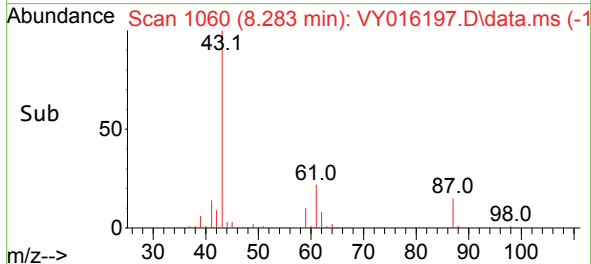
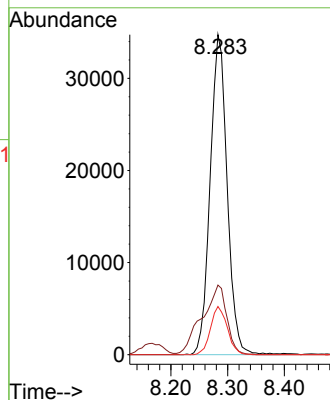
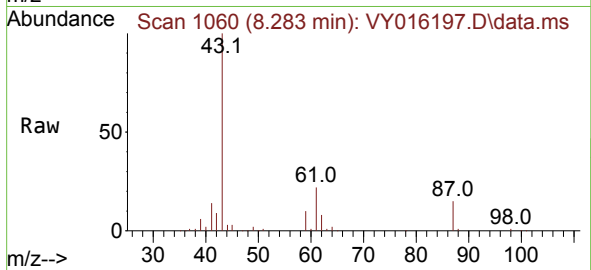




#43
Isopropyl Acetate
Concen: 41.008 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

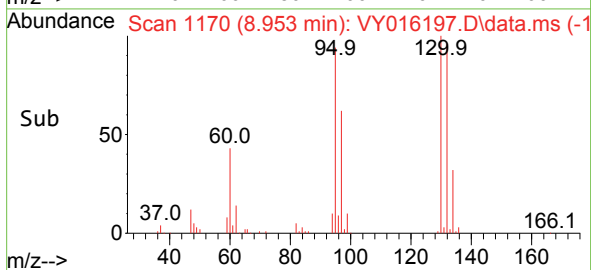
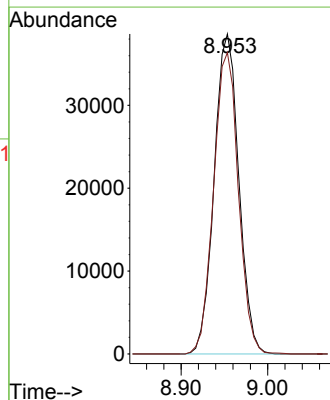
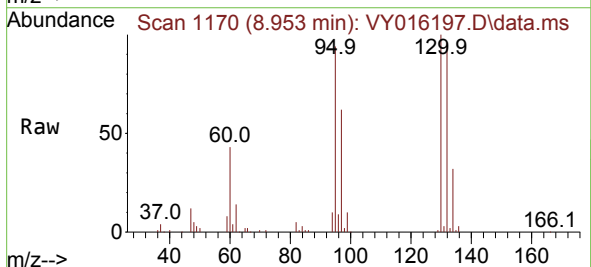
Instrument :
MSVOA_Y
ClientSampleId :

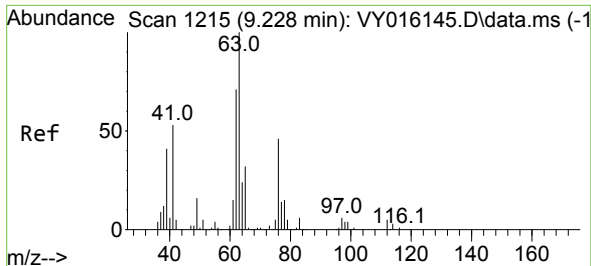
Tgt Ion: 43 Resp: 72357
Ion Ratio Lower Upper
43 100
61 31.5 21.1 31.7
87 14.8 9.8 14.8#



#44
Trichloroethene
Concen: 45.335 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion:130 Resp: 76280
Ion Ratio Lower Upper
130 100
95 94.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 53.961 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

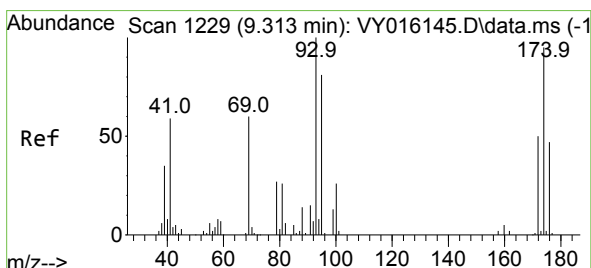
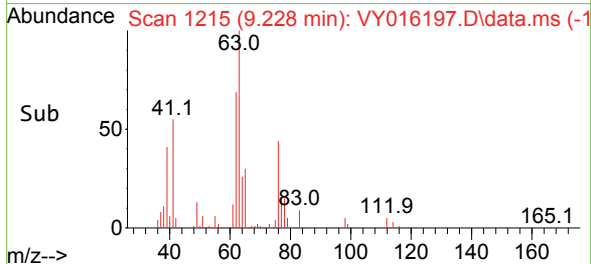
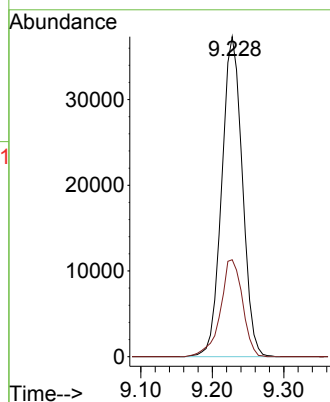
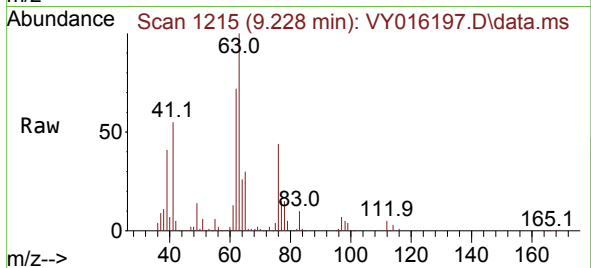
ClientSampleId :

Tgt Ion: 63 Resp: 74636

Ion Ratio Lower Upper

63 100

65 30.3 23.8 35.6



#46

Dibromomethane

Concen: 39.325 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

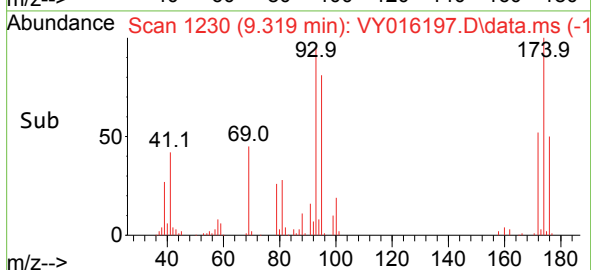
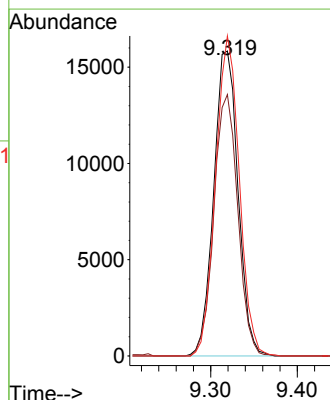
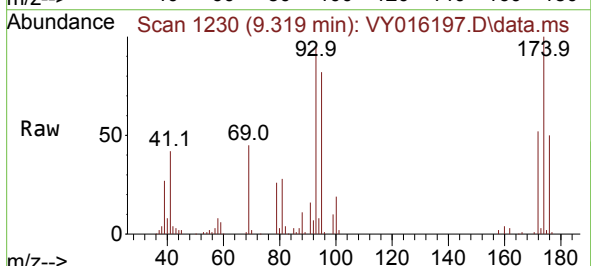
Tgt Ion: 93 Resp: 30855

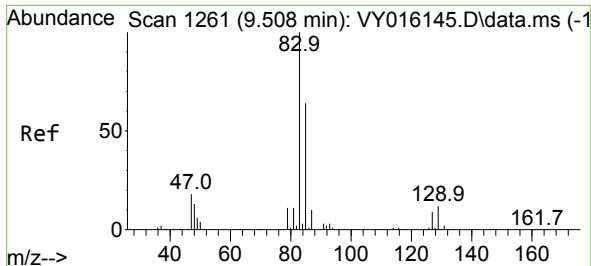
Ion Ratio Lower Upper

93 100

95 84.3 66.6 100.0

174 102.6 84.8 127.2

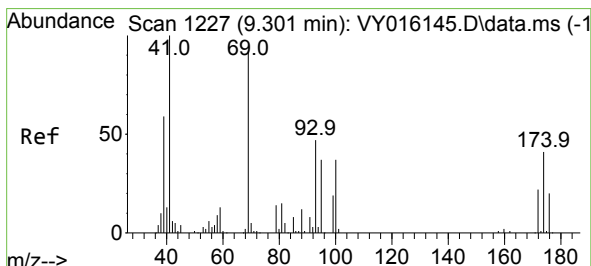
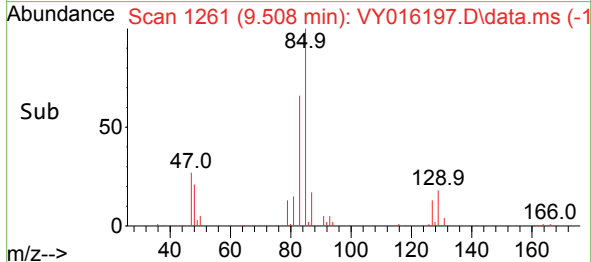
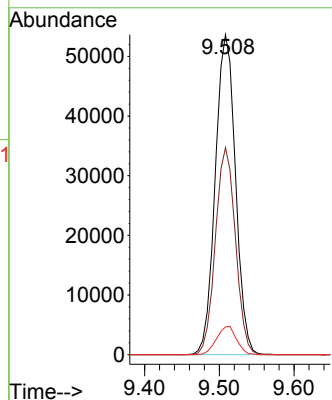
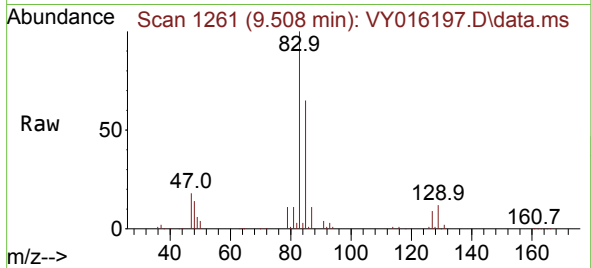




#47
Bromodichloromethane
Concen: 50.704 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

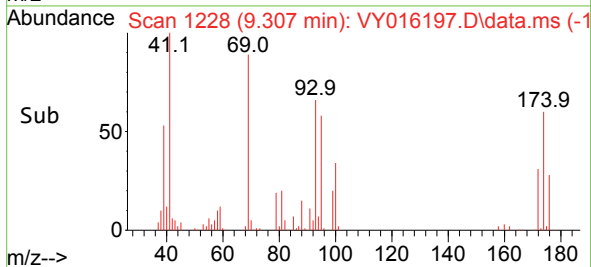
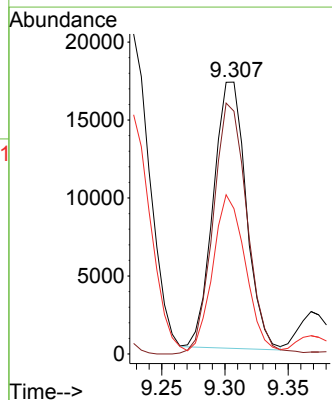
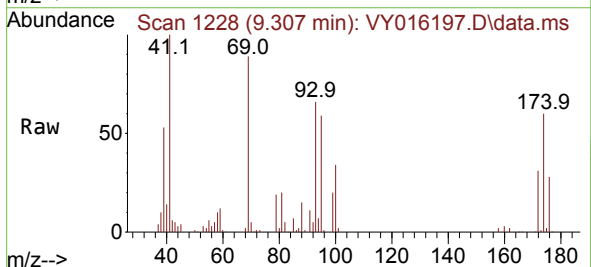
Instrument :
MSVOA_Y
ClientSampleId :

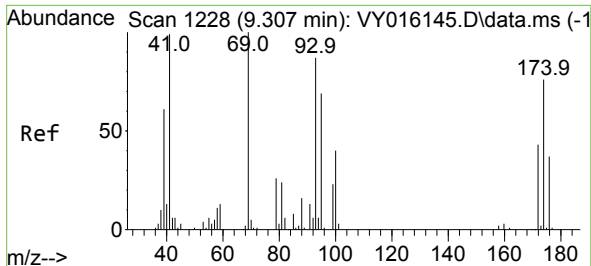
Tgt Ion: 83 Resp: 101080
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 38.471 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 41 Resp: 30867
Ion Ratio Lower Upper
41 100
69 97.5 64.5 96.7#
39 60.0 50.8 76.2





#49

1,4-Dioxane

Concen: 612.480 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

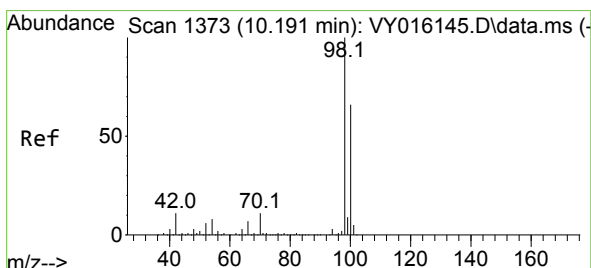
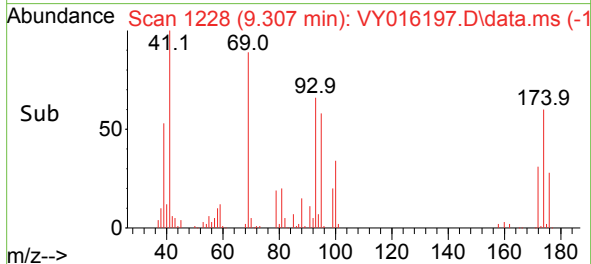
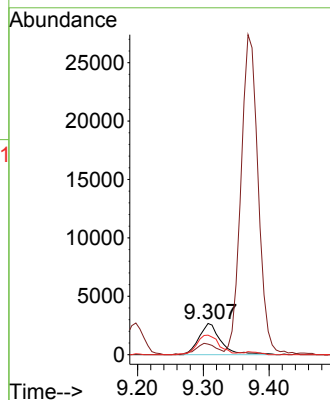
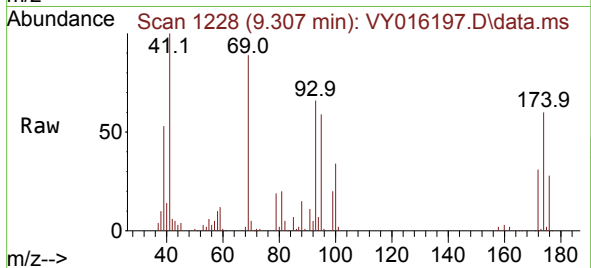
Tgt Ion: 88 Resp: 6137

Ion Ratio Lower Upper

88 100

43 35.0 0.0 0.0#

58 64.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.551 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016197.D

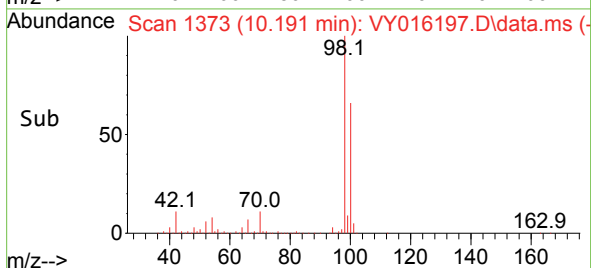
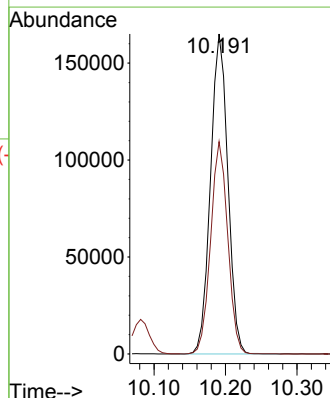
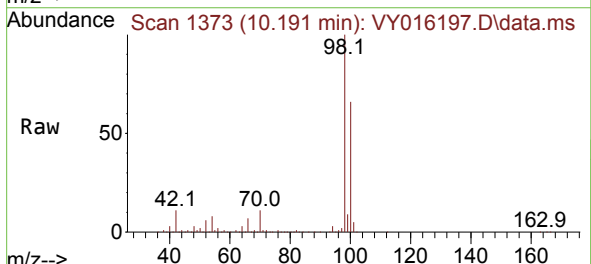
Acq: 02 Nov 2023 17:55

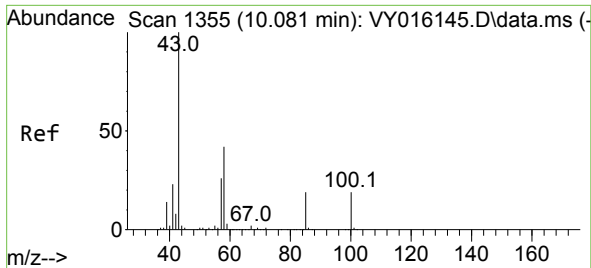
Tgt Ion: 98 Resp: 277978

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

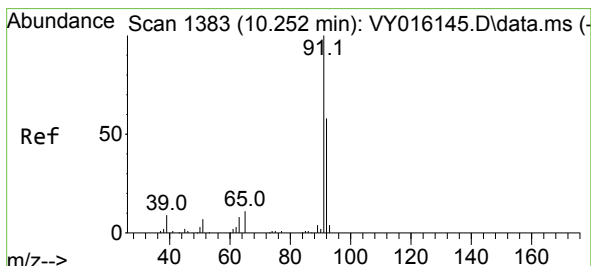
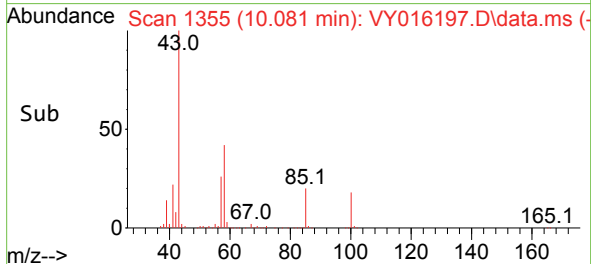
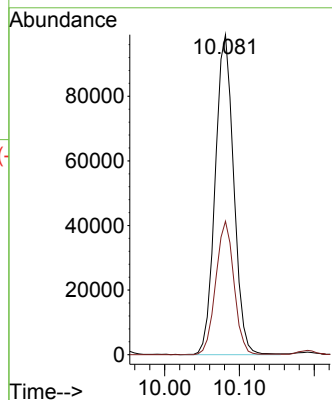
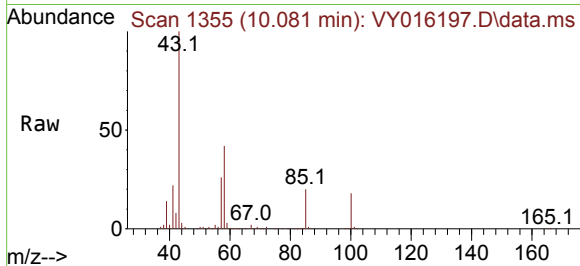




#51
4-Methyl-2-Pentanone
Concen: 194.100 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

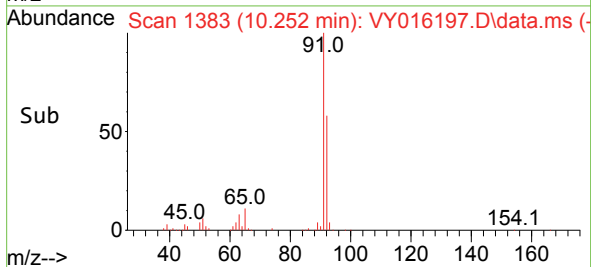
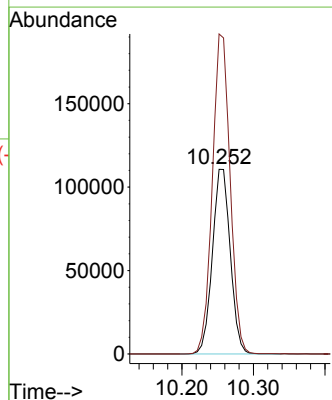
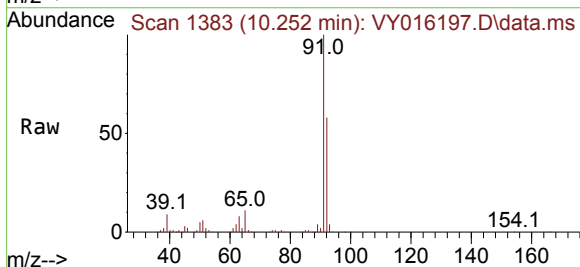
Instrument :
MSVOA_Y
ClientSampleId :

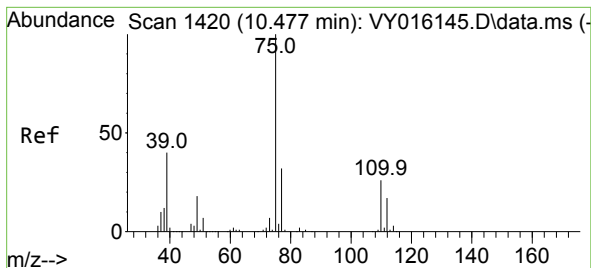
Tgt Ion: 43 Resp: 170887
Ion Ratio Lower Upper
43 100
58 41.0 29.0 43.6



#52
Toluene
Concen: 51.572 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 92 Resp: 192146
Ion Ratio Lower Upper
92 100
91 172.3 143.8 215.6

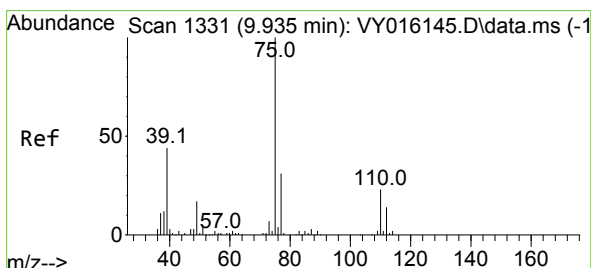
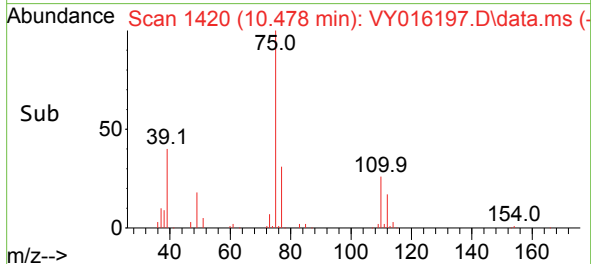
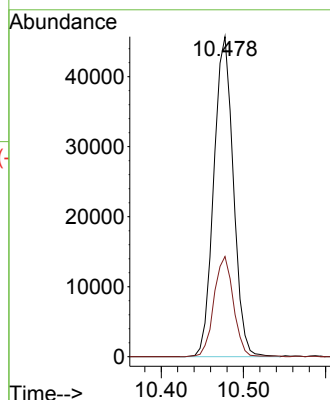
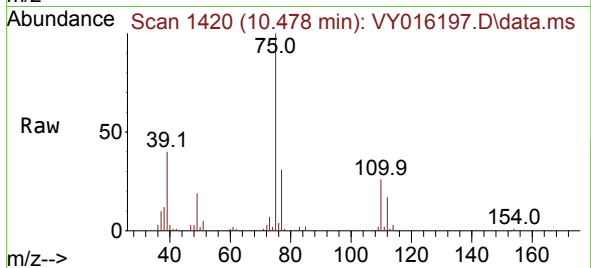




#53
 t-1,3-Dichloropropene
 Concen: 37.833 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VY016197.D
 Acq: 02 Nov 2023 17:55

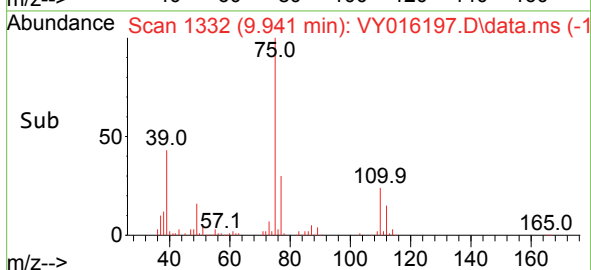
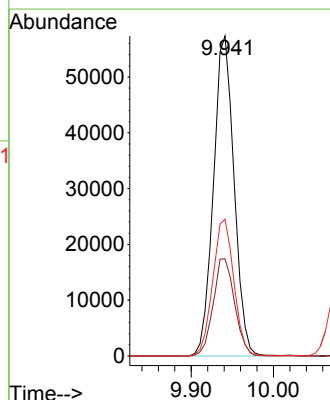
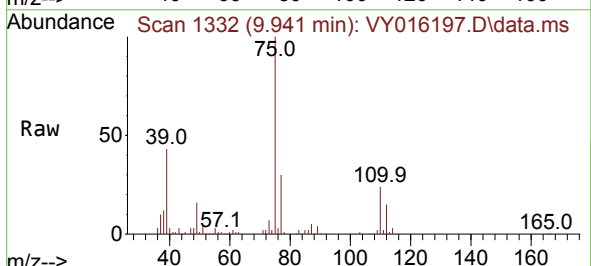
Instrument :
 MSVOA_Y
 ClientSampleId :

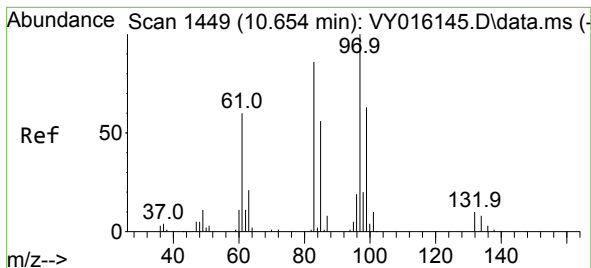
Tgt Ion: 75 Resp: 75291
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 42.767 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. 0.006 min
 Lab File: VY016197.D
 Acq: 02 Nov 2023 17:55

Tgt Ion: 75 Resp: 99871
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.2 36.4
 39 42.8 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 44.350 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

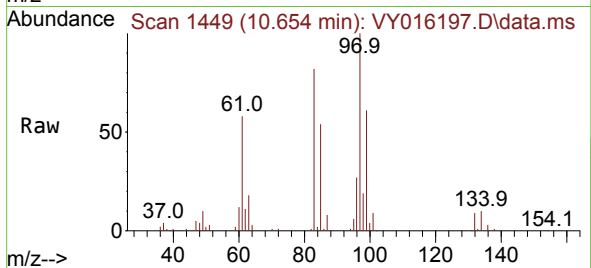
Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 48949

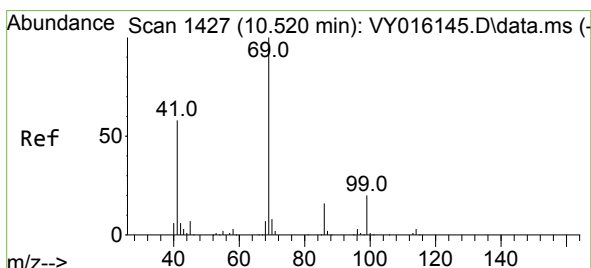
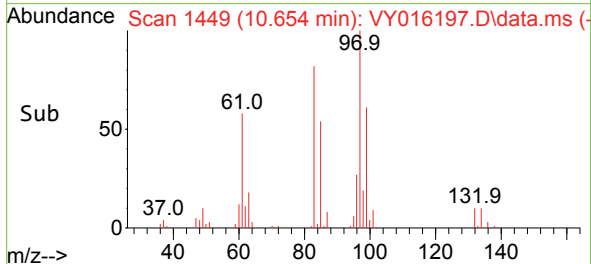
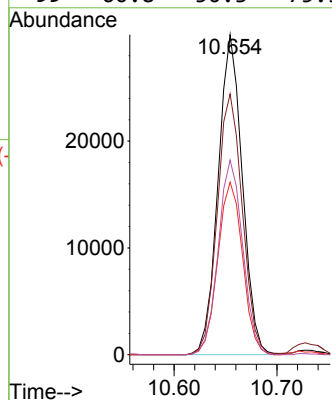
Ion Ratio Lower Upper

97 100

83 81.5 72.0 108.0

85 53.9 45.4 68.0

99 60.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 42.390 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

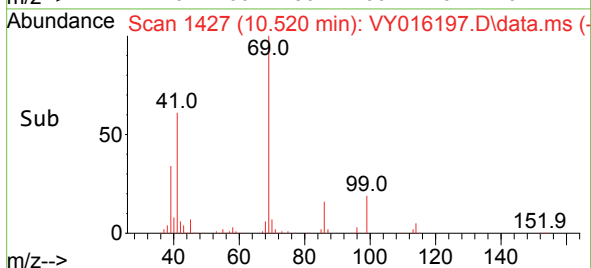
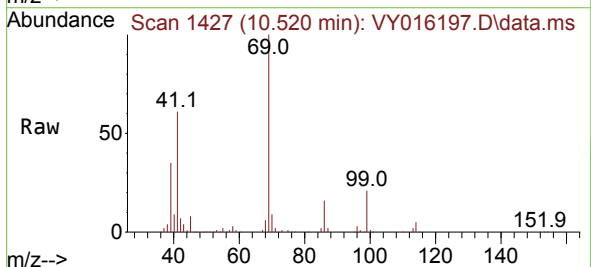
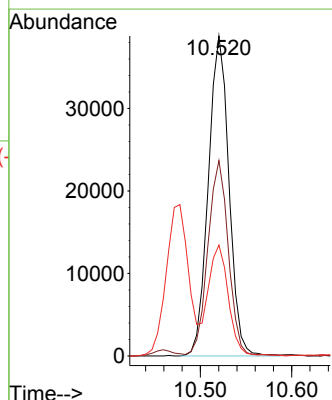
Tgt Ion: 69 Resp: 60760

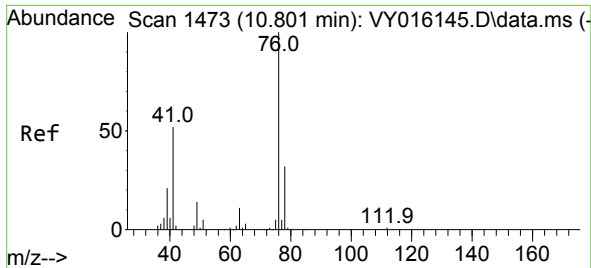
Ion Ratio Lower Upper

69 100

41 61.1 57.6 86.4

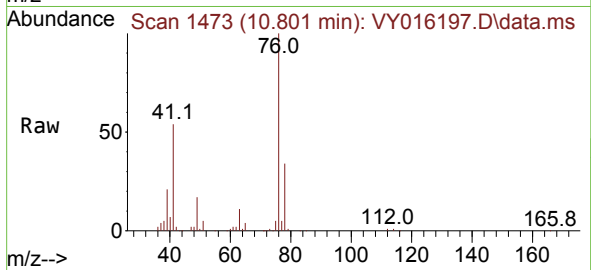
39 34.8 34.1 51.1



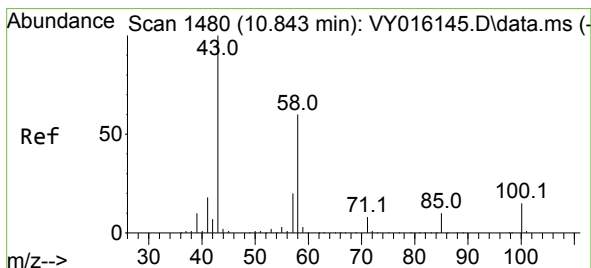
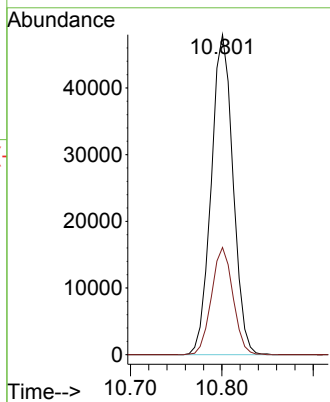
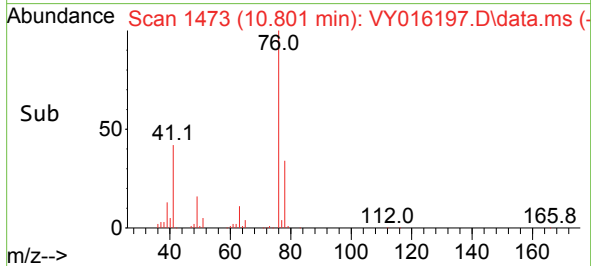


#57
1,3-Dichloropropane
Concen: 42.319 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

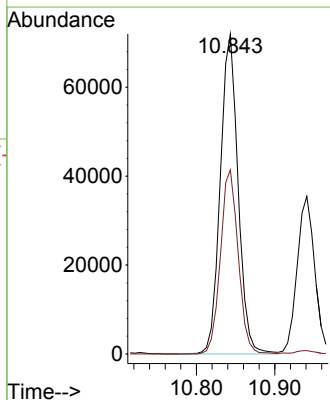
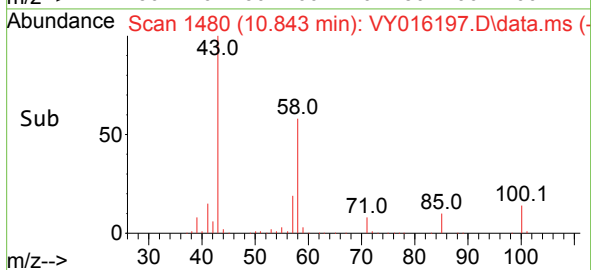
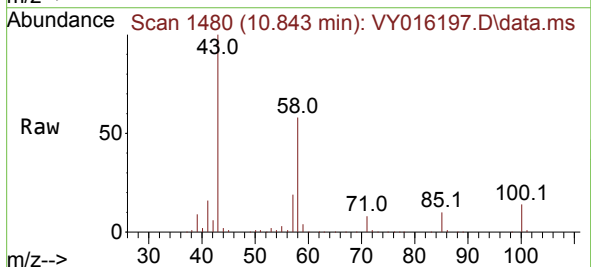


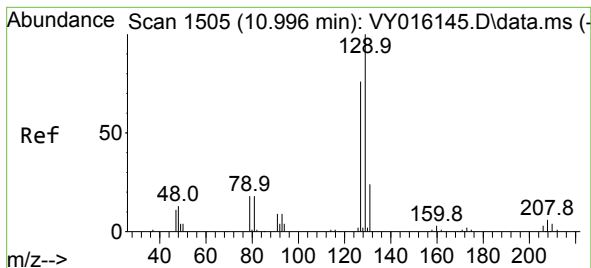
Tgt Ion: 76 Resp: 79514
Ion Ratio Lower Upper
76 100
78 33.0 25.3 37.9



#59
2-Hexanone
Concen: 188.373 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 43 Resp: 113647
Ion Ratio Lower Upper
43 100
58 57.5 25.1 75.3





#60

Dibromochloromethane

Concen: 44.065 ug/l

RT: 10.996 min Scan# 1505

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

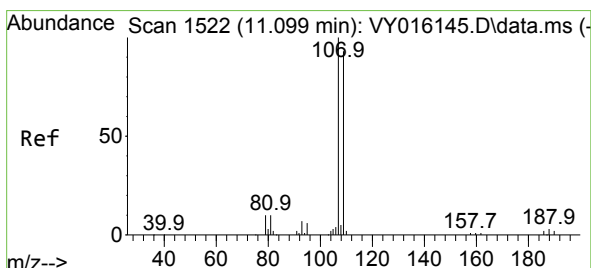
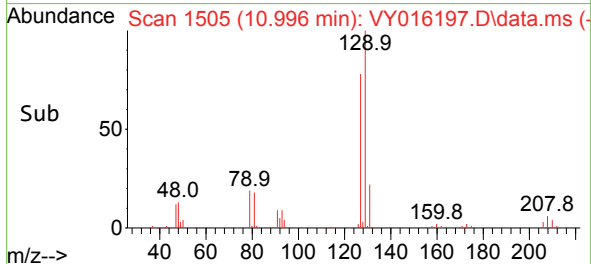
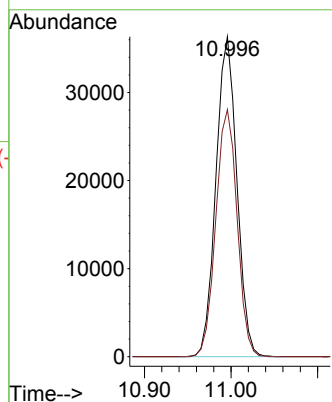
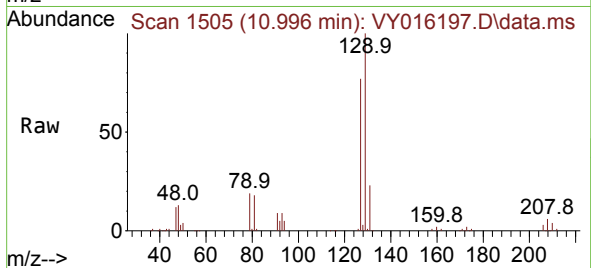
ClientSampleId :

Tgt Ion:129 Resp: 61015

Ion Ratio Lower Upper

129 100

127 78.5 38.5 115.5



#61

1,2-Dibromoethane

Concen: 37.819 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VY016197.D

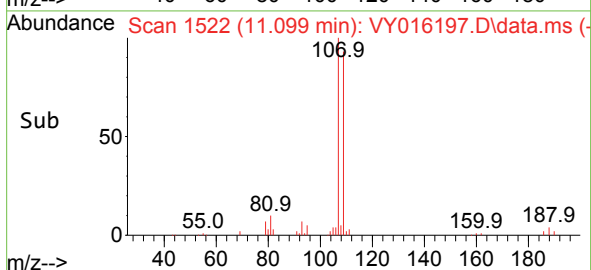
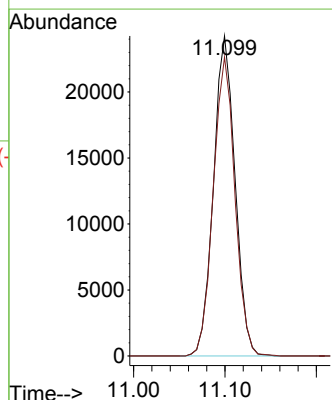
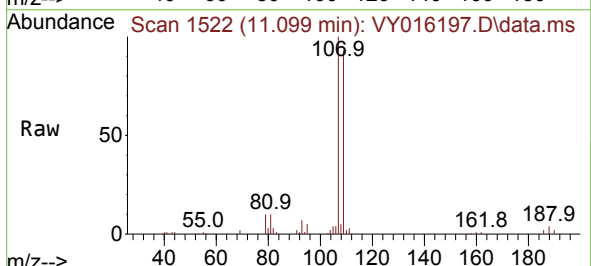
Acq: 02 Nov 2023 17:55

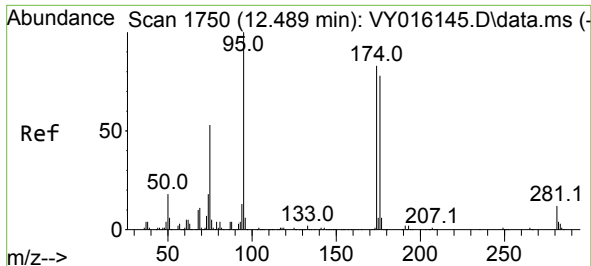
Tgt Ion:107 Resp: 39702

Ion Ratio Lower Upper

107 100

109 94.0 75.6 113.4

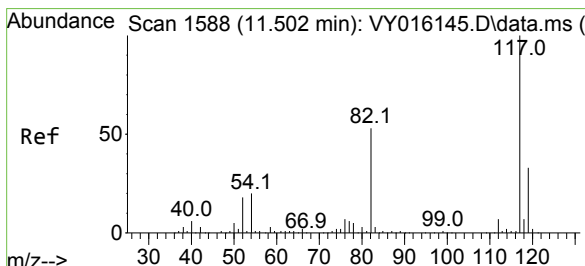
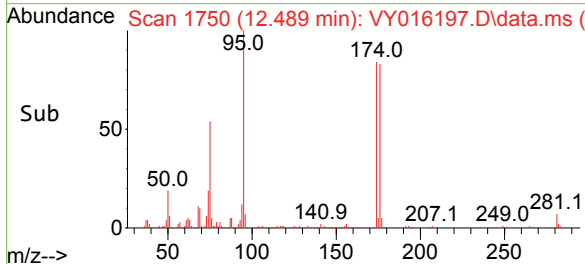
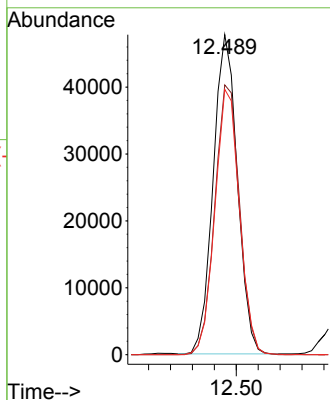
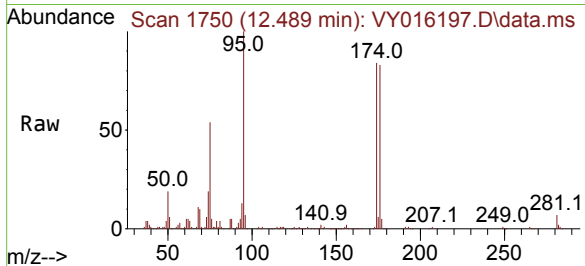




#62
4-Bromofluorobenzene
Concen: 38.826 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

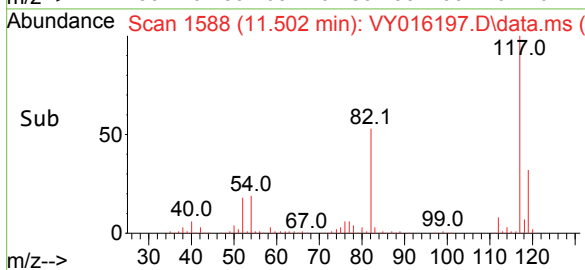
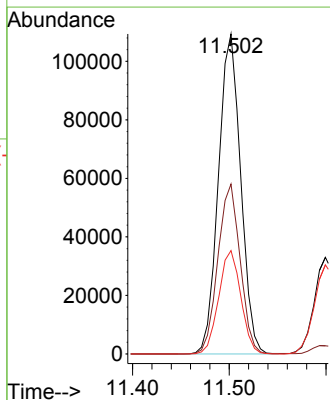
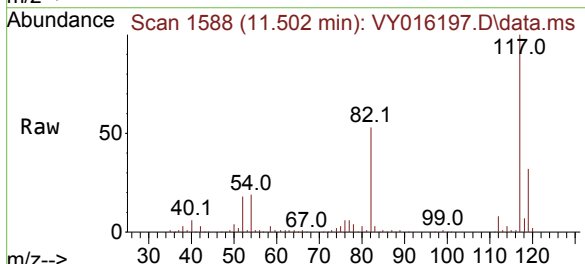
Instrument :
MSVOA_Y
ClientSampleId :

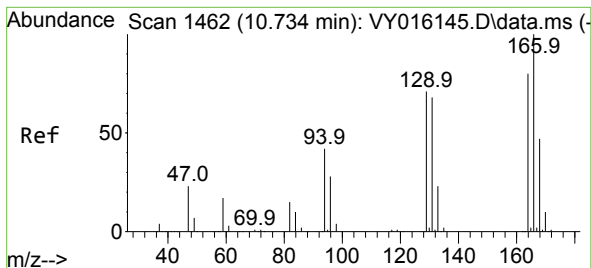
Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	178.2
176	84.6	0.0	173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 1588
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.4	65.0
119	32.3	26.3	39.5





#64

Tetrachloroethene

Concen: 49.982 ug/l

RT: 10.734 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:164 Resp: 77680

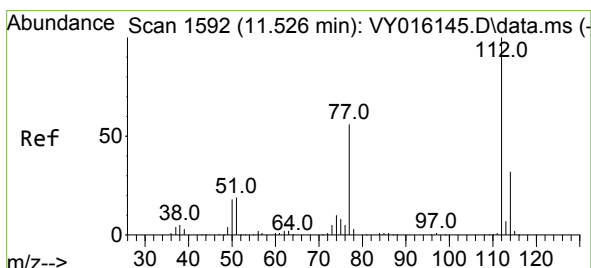
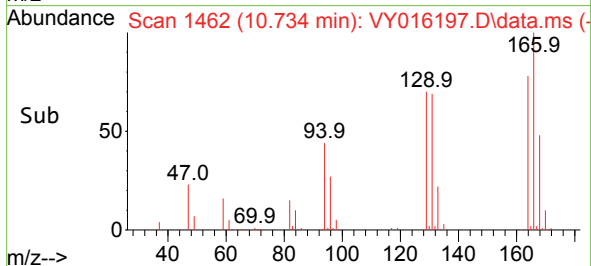
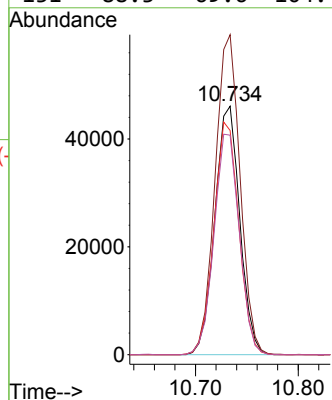
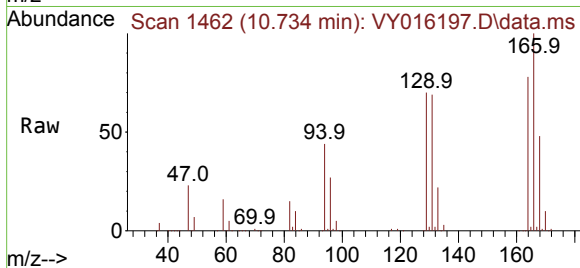
Ion Ratio Lower Upper

164 100

166 128.7 103.0 154.6

129 90.2 77.2 115.8

131 88.3 69.6 104.4



#65

Chlorobenzene

Concen: 52.554 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY016197.D

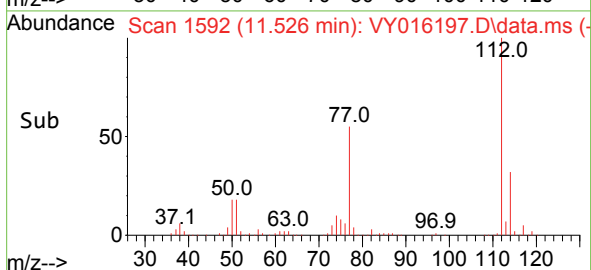
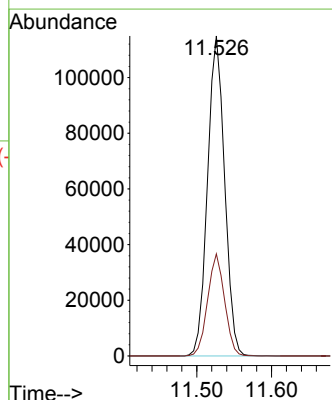
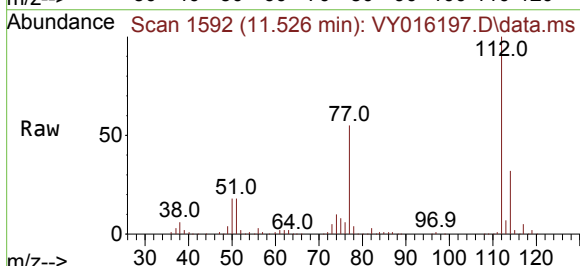
Acq: 02 Nov 2023 17:55

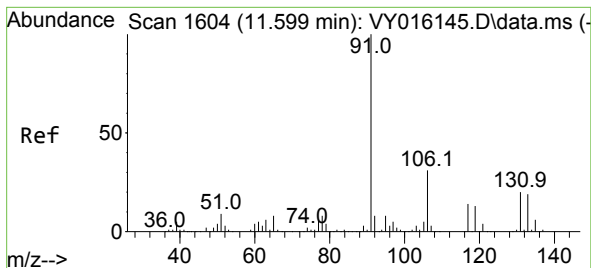
Tgt Ion:112 Resp: 182434

Ion Ratio Lower Upper

112 100

114 31.9 25.5 38.3

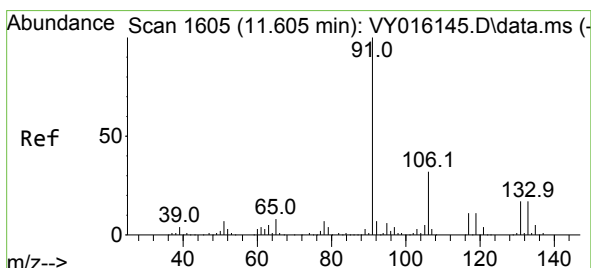
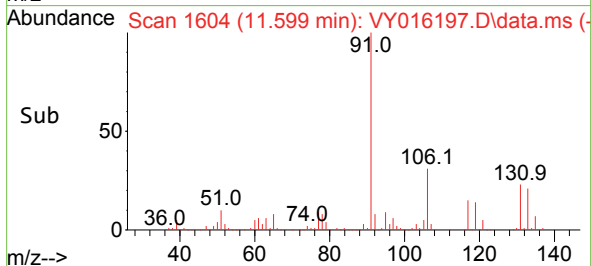
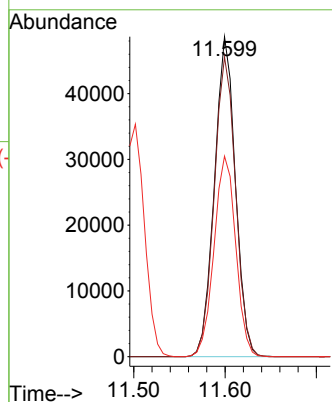
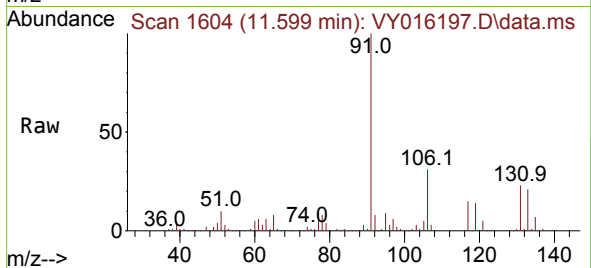




#66
1,1,1,2-Tetrachloroethane
Concen: 60.444 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

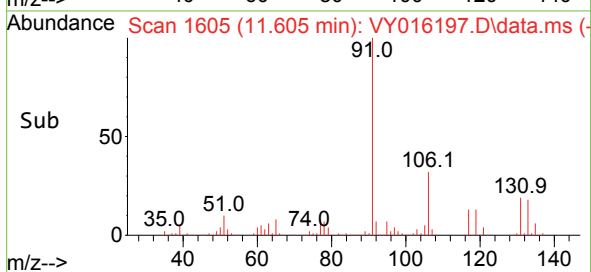
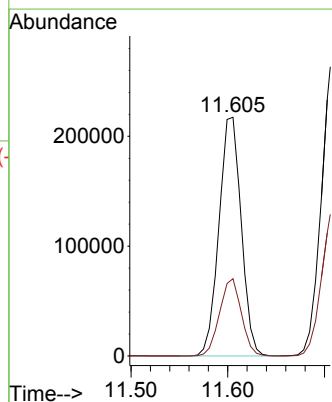
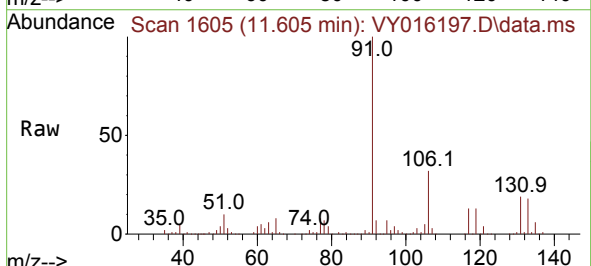
Instrument :
MSVOA_Y
ClientSampleId :

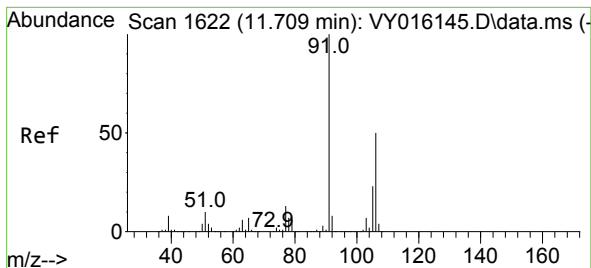
Tgt Ion:131 Resp: 77716
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 64.8 31.6 94.7



#67
Ethyl Benzene
Concen: 55.871 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 91 Resp: 346899
Ion Ratio Lower Upper
91 100
106 32.4 24.6 36.8

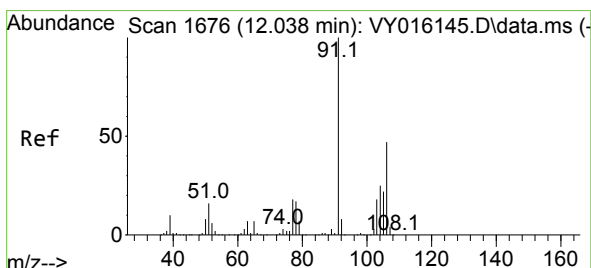
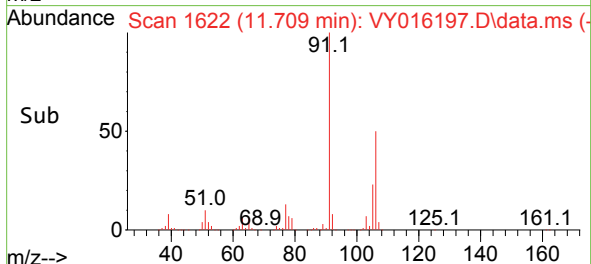
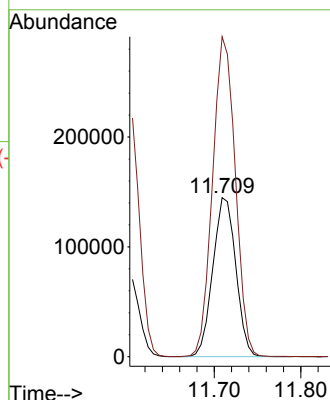
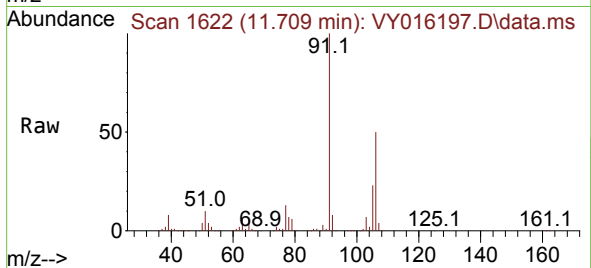




#68
m/p-Xylenes
Concen: 111.229 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

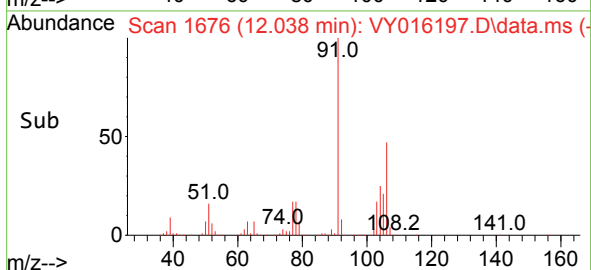
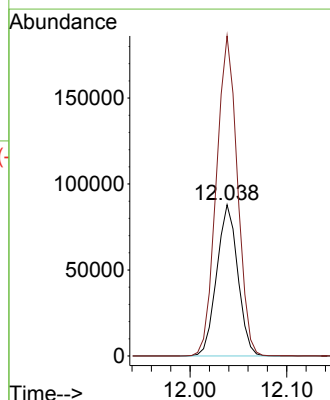
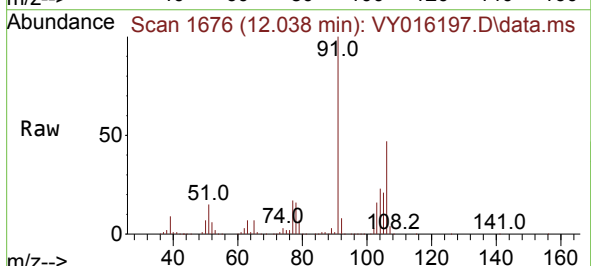
Instrument :
MSVOA_Y
ClientSampleId :

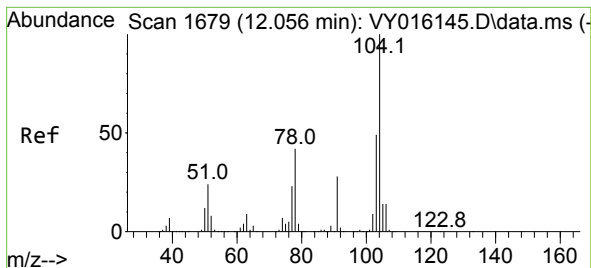
Tgt Ion:106 Resp: 266865
Ion Ratio Lower Upper
106 100
91 199.1 166.1 249.1



#69
o-Xylene
Concen: 57.911 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion:106 Resp: 132659
Ion Ratio Lower Upper
106 100
91 211.8 108.1 324.3





#70

Styrene

Concen: 50.193 ug/l

RT: 12.057 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

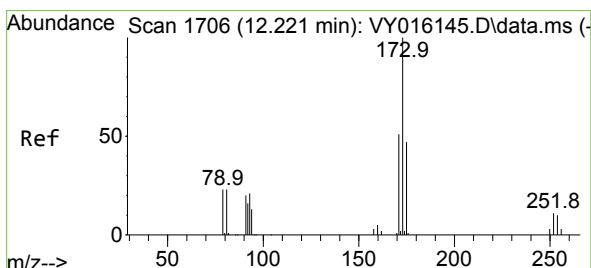
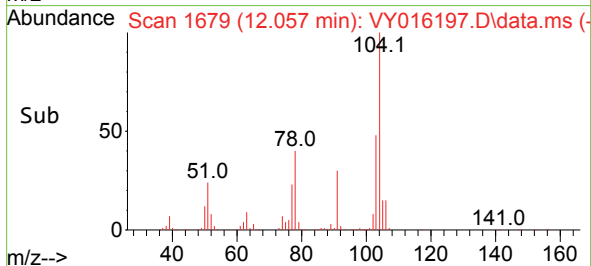
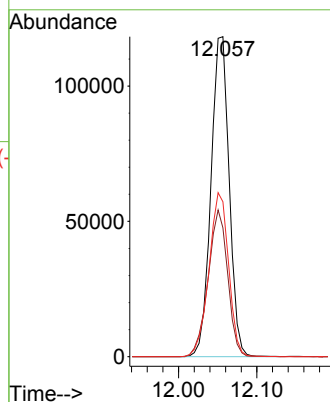
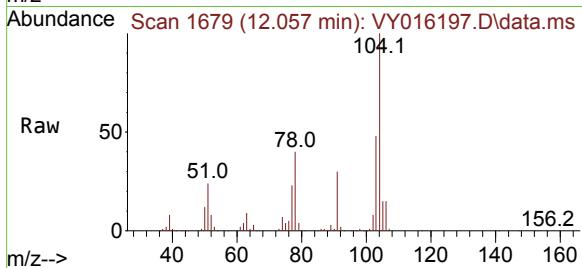
Tgt Ion:104 Resp: 191144

Ion Ratio Lower Upper

104 100

78 49.1 41.5 62.3

103 55.4 44.6 67.0



#71

Bromoform

Concen: 45.896 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. -0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

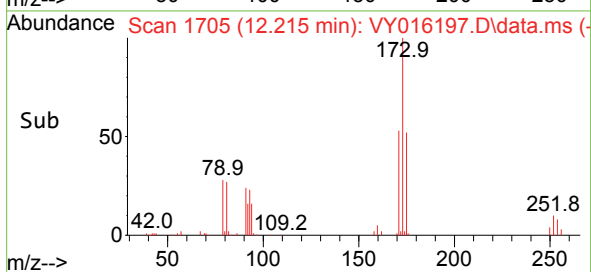
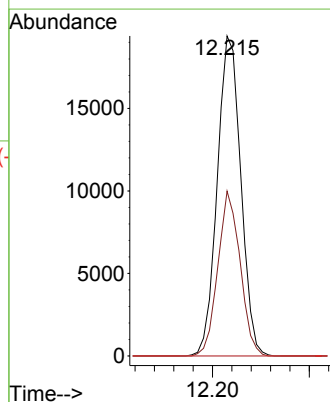
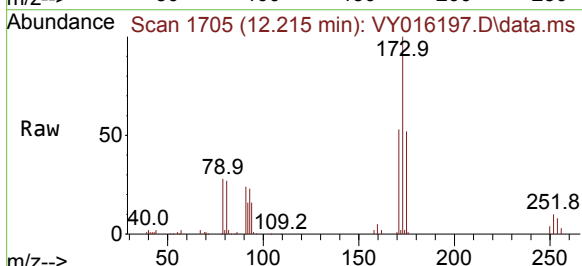
Tgt Ion:173 Resp: 32737

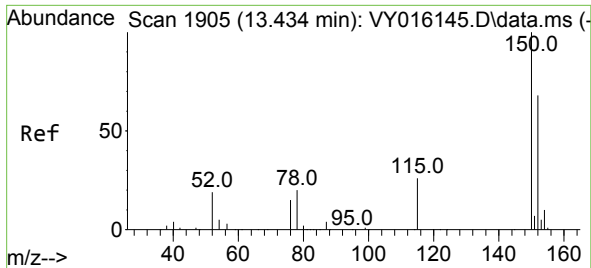
Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.0 0.2 0.2#

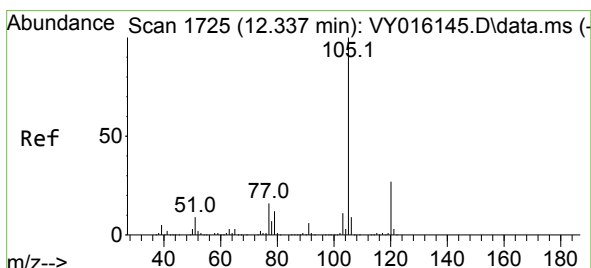
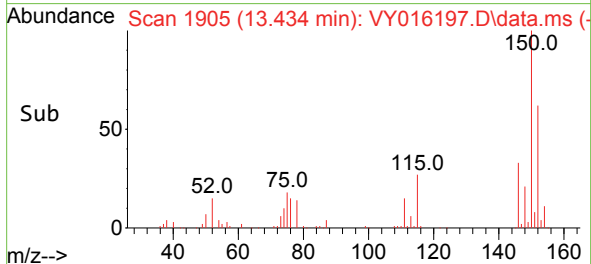
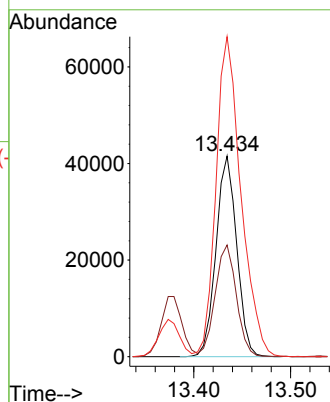
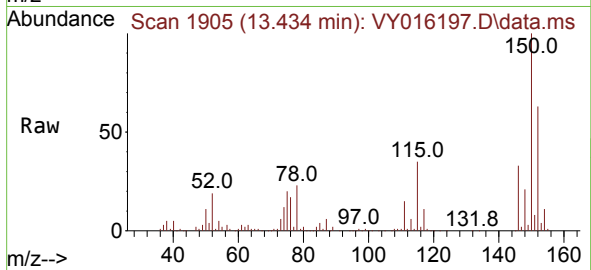




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1905
 Delta R.T. 0.000 min
 Lab File: VY016197.D
 Acq: 02 Nov 2023 17:55

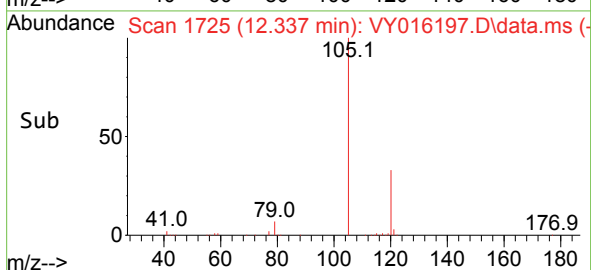
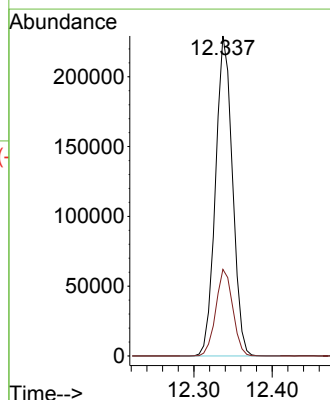
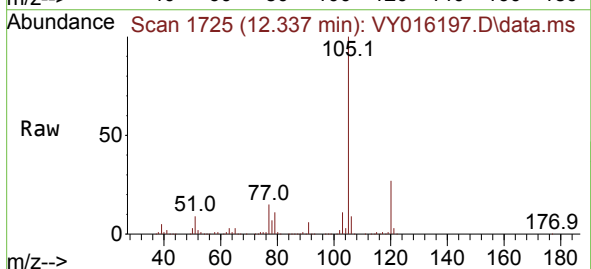
Instrument :
 MSVOA_Y
 ClientSampleId :

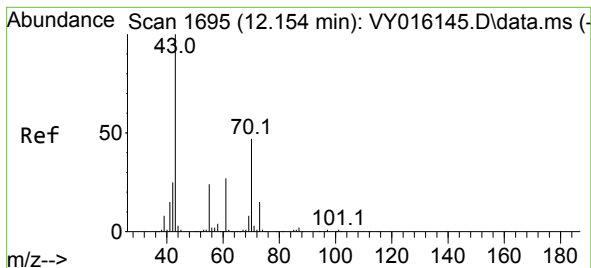
Tgt Ion:152 Resp: 61726
 Ion Ratio Lower Upper
 152 100
 115 57.2 28.8 86.5
 150 192.3 0.0 348.8



#73
 Isopropylbenzene
 Concen: 74.465 ug/l
 RT: 12.337 min Scan# 1725
 Delta R.T. 0.000 min
 Lab File: VY016197.D
 Acq: 02 Nov 2023 17:55

Tgt Ion:105 Resp: 344788
 Ion Ratio Lower Upper
 105 100
 120 27.0 13.3 39.9





#74

N-amy1 acetate

Concen: 59.592 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

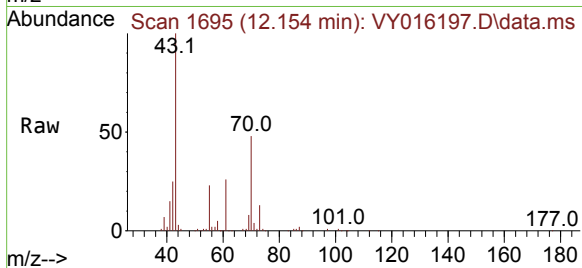
Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43 Resp: 59960

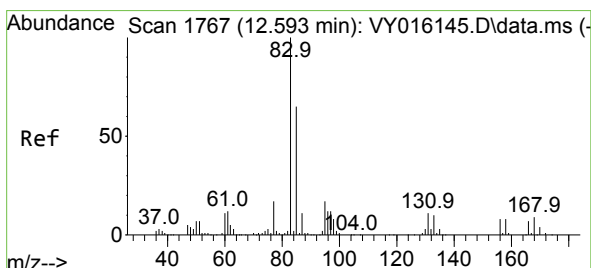
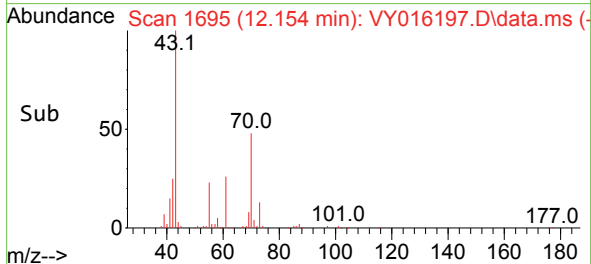
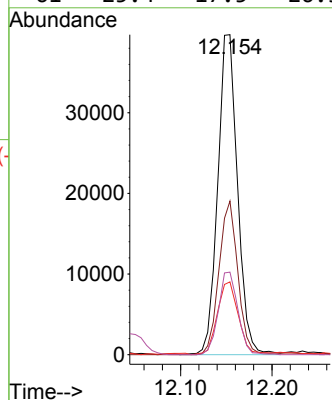
Ion Ratio Lower Upper

43 100

70 45.9 29.7 44.5#

55 24.2 18.3 27.5

61 25.4 17.5 26.3



#75

1,1,2,2-Tetrachloroethane

Concen: 62.128 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

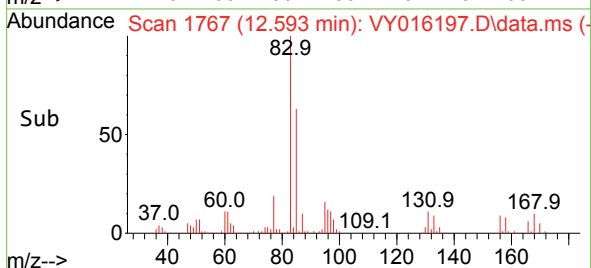
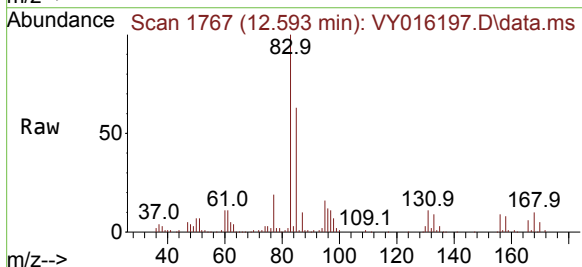
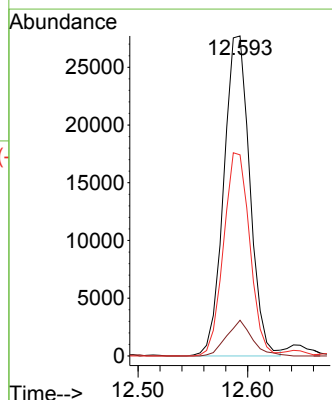
Tgt Ion: 83 Resp: 45775

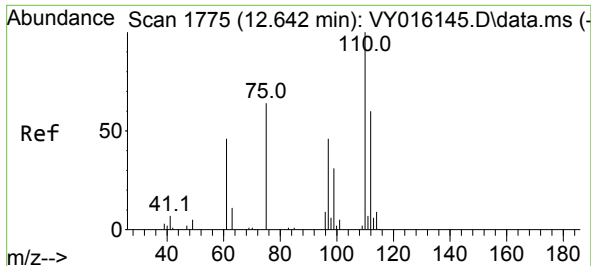
Ion Ratio Lower Upper

83 100

131 10.9 5.4 16.2

85 63.9 31.8 95.4

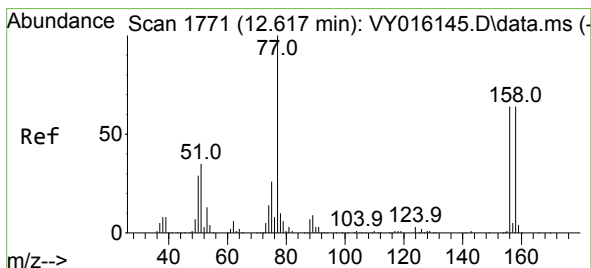
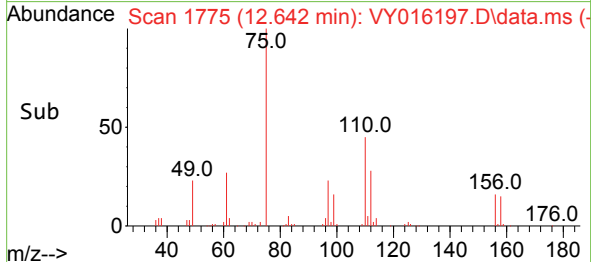
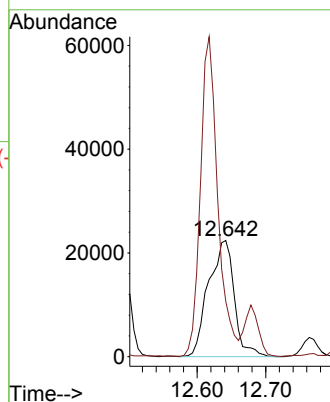
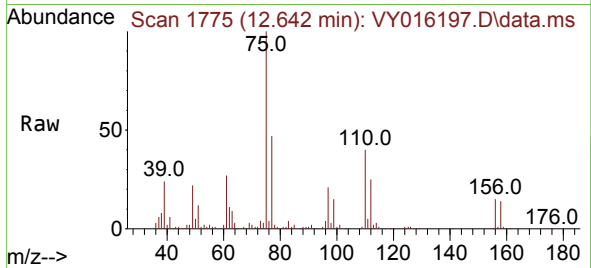




#76
1,2,3-Trichloropropane
Concen: 100.507 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

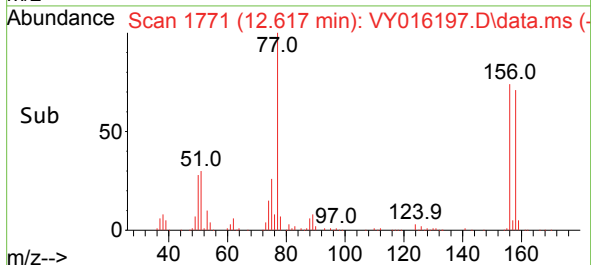
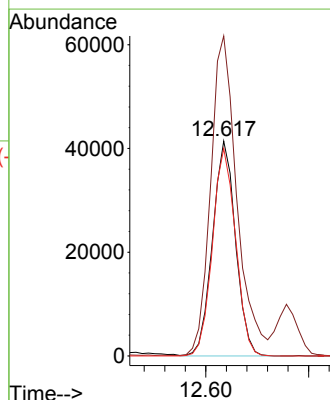
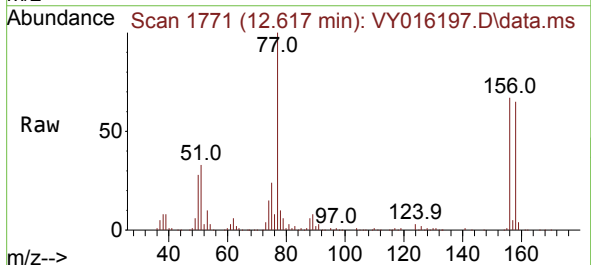
Instrument :
MSVOA_Y
ClientSampleId :

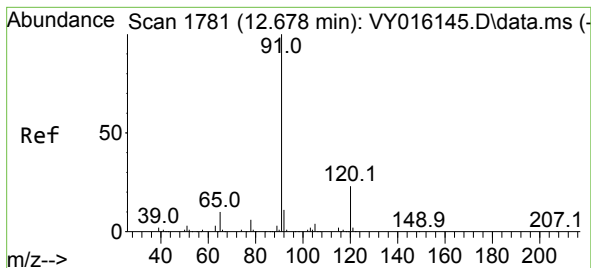
Tgt Ion: 75 Resp: 58423
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 61.351 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 156 Resp: 64323
Ion Ratio Lower Upper
156 100
77 169.6 92.8 278.6
158 97.0 48.4 145.3





#78

n-propylbenzene

Concen: 65.175 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

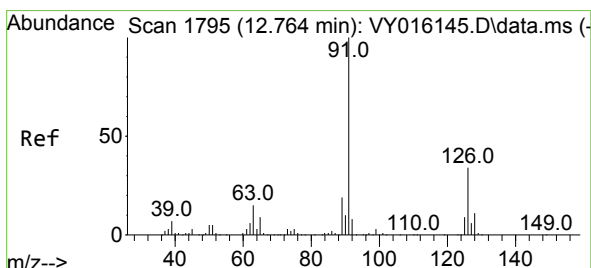
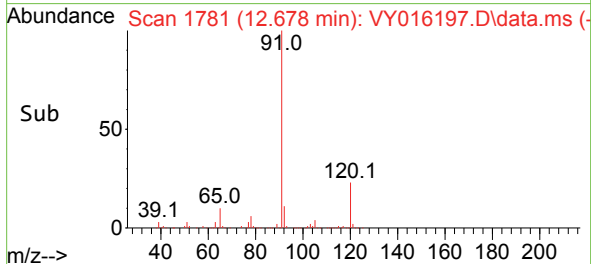
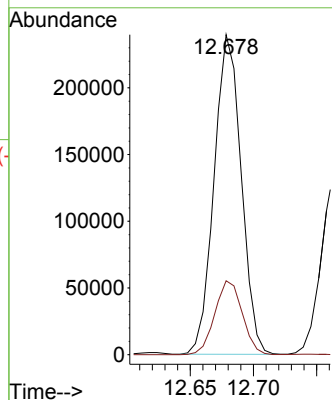
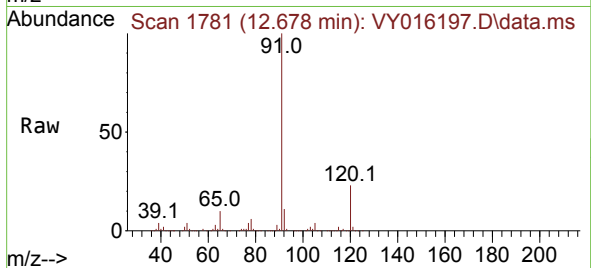
ClientSampleId :

Tgt Ion: 91 Resp: 356779

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4



#79

2-Chlorotoluene

Concen: 69.817 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VY016197.D

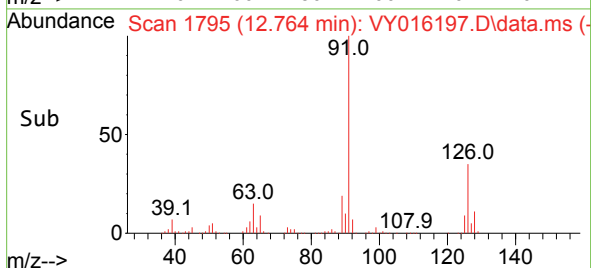
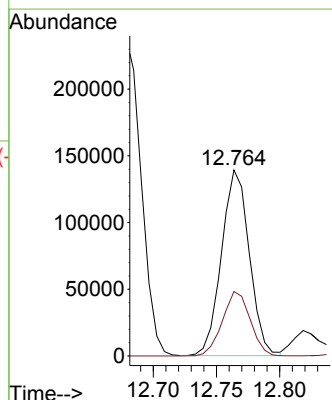
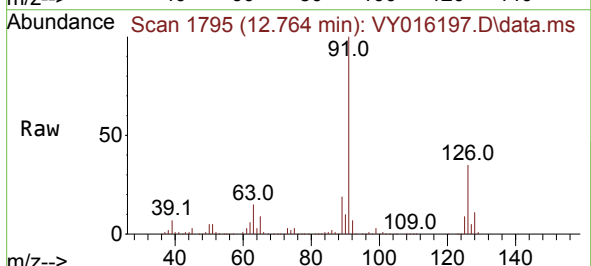
Acq: 02 Nov 2023 17:55

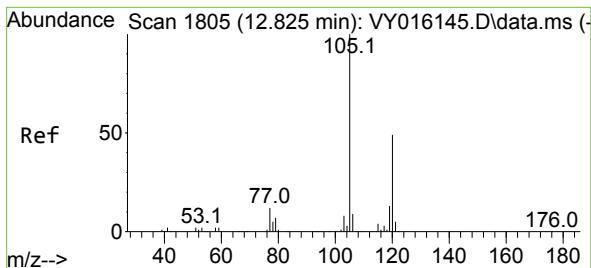
Tgt Ion: 91 Resp: 213163

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 69.928 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

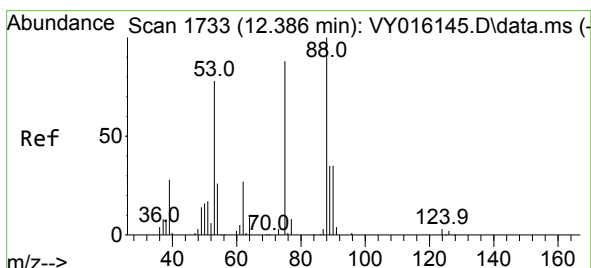
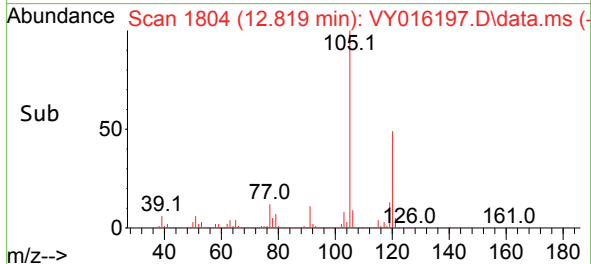
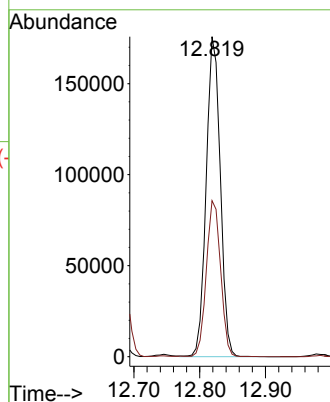
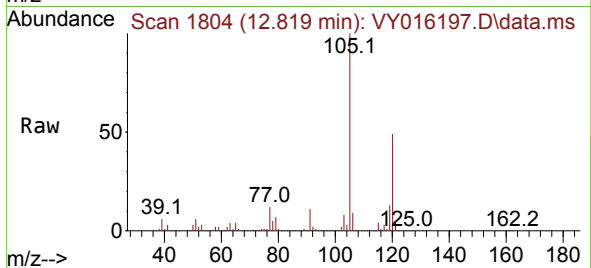
ClientSampleId :

Tgt Ion:105 Resp: 262318

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 51.957 ug/l

RT: 12.386 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

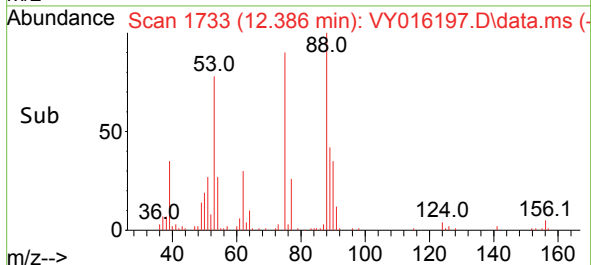
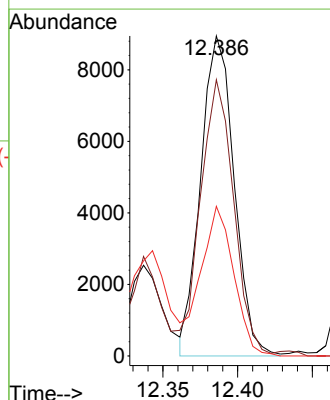
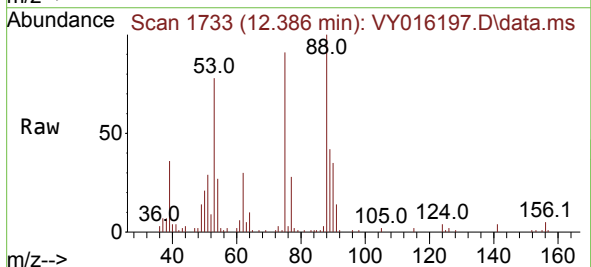
Tgt Ion: 75 Resp: 13929

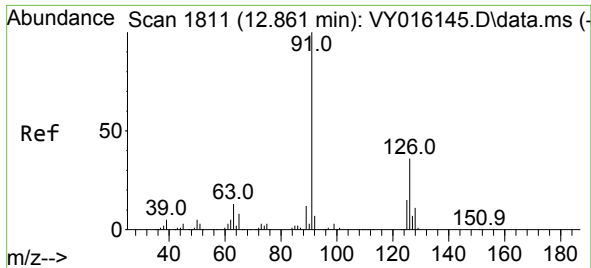
Ion Ratio Lower Upper

75 100

53 85.2 77.8 116.8

89 46.3 37.4 56.0

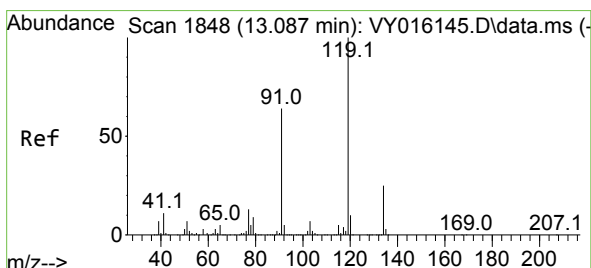
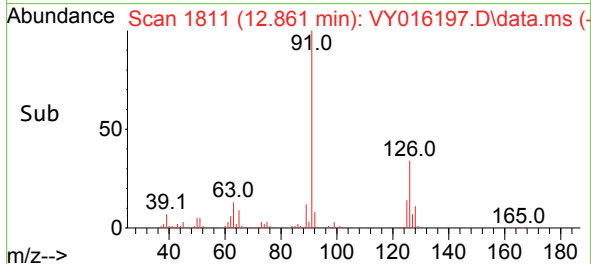
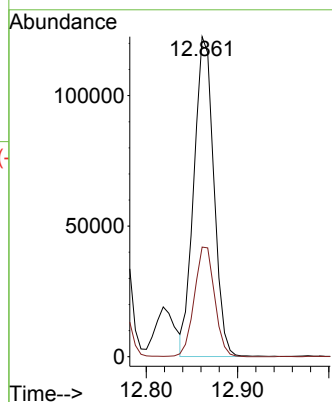
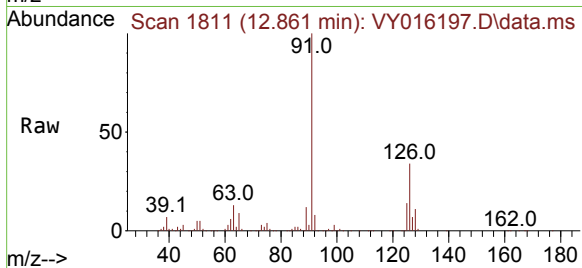




#82
4-Chlorotoluene
Concen: 59.022 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

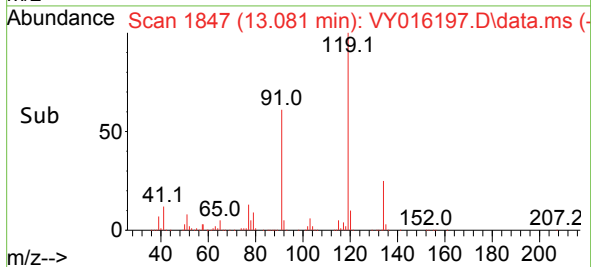
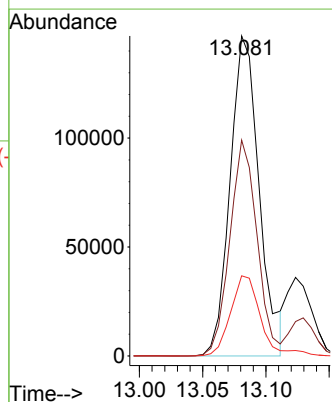
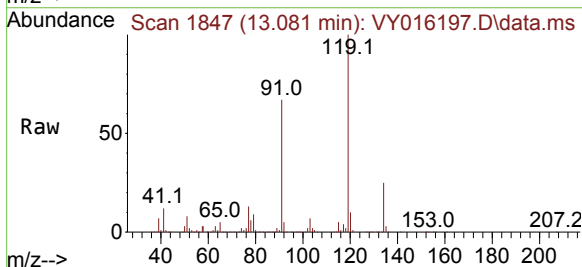
Instrument :
MSVOA_Y
ClientSampleId :

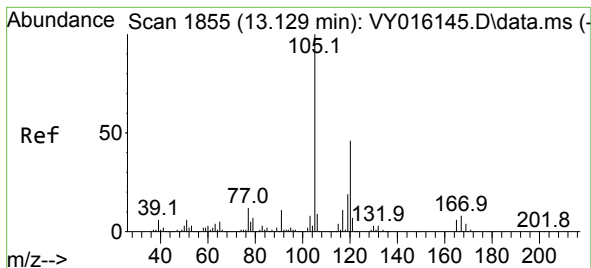
Tgt Ion: 91 Resp: 185045
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6



#83
tert-Butylbenzene
Concen: 69.961 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. -0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 119 Resp: 234823
Ion Ratio Lower Upper
119 100
91 63.4 32.9 98.6
134 25.9 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 68.108 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

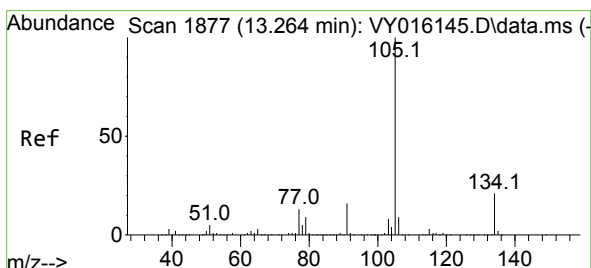
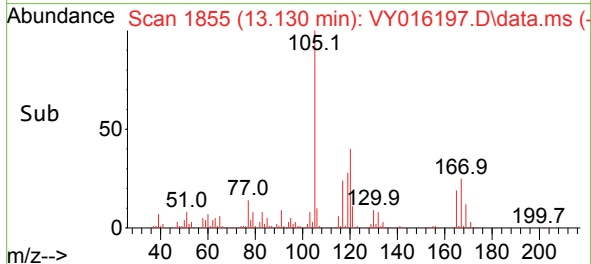
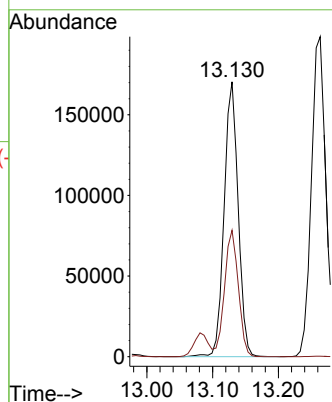
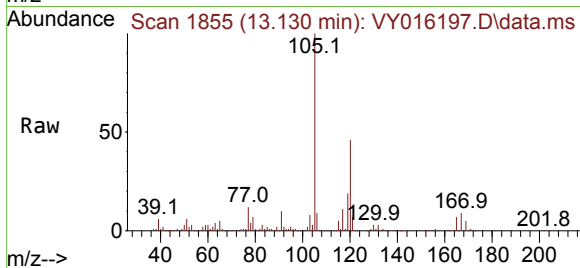
ClientSampleId :

Tgt Ion:105 Resp: 252807

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6



#85

sec-Butylbenzene

Concen: 61.033 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016197.D

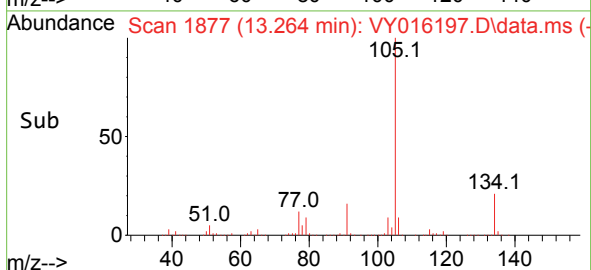
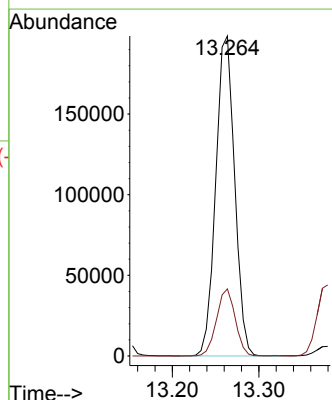
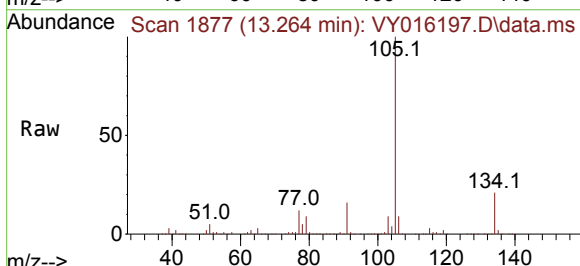
Acq: 02 Nov 2023 17:55

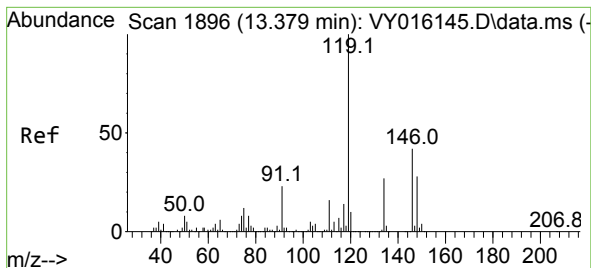
Tgt Ion:105 Resp: 300671

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6





#86

p-Isopropyltoluene

Concen: 60.444 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

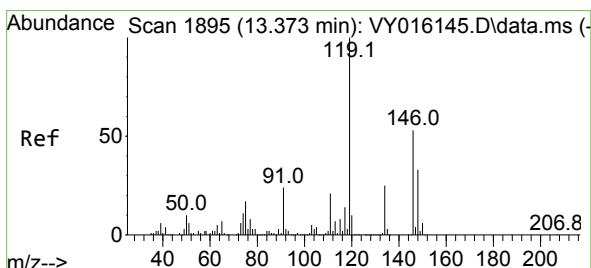
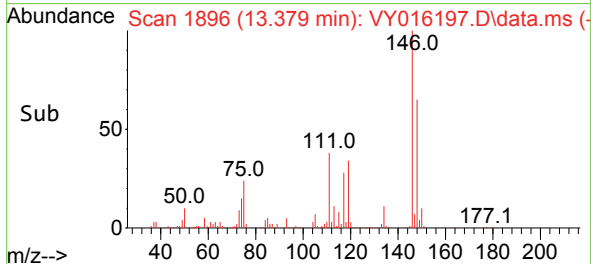
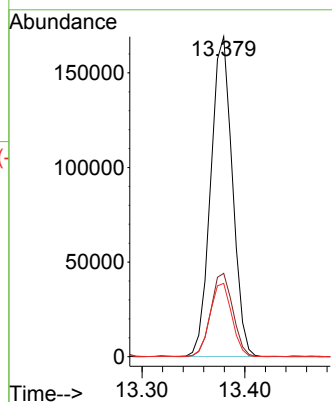
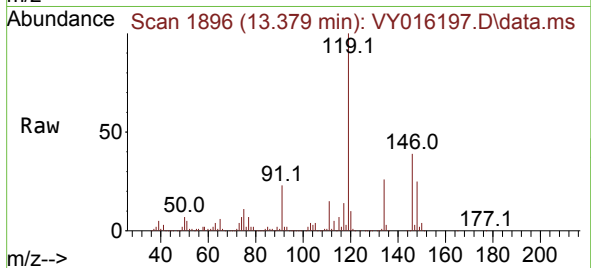
Tgt Ion:119 Resp: 246788

Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.0 12.4 37.4



#87

1,3-Dichlorobenzene

Concen: 53.497 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

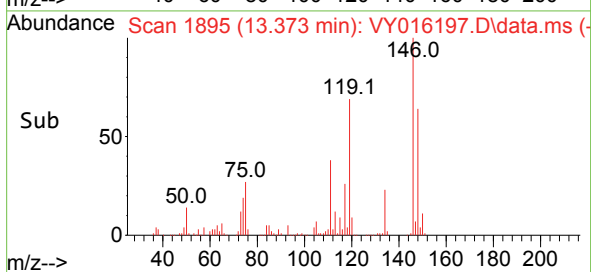
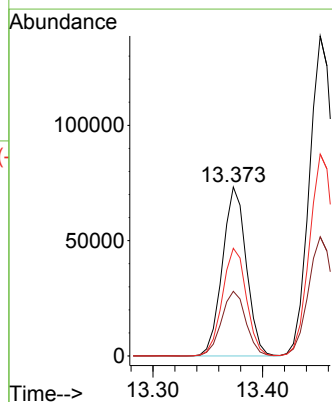
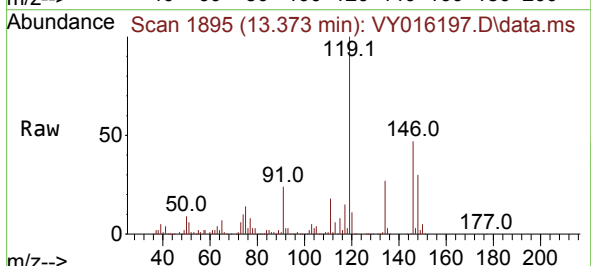
Tgt Ion:146 Resp: 110926

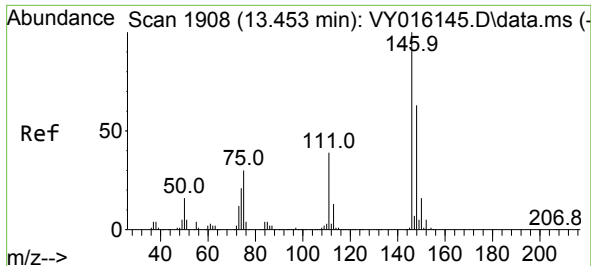
Ion Ratio Lower Upper

146 100

111 39.1 19.4 58.2

148 64.2 31.9 95.5

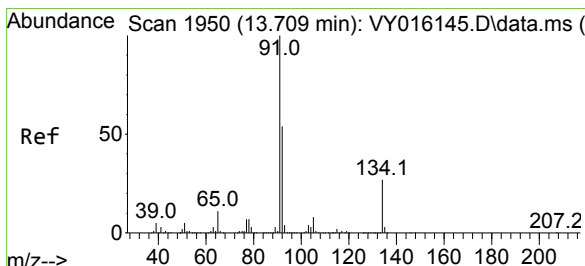
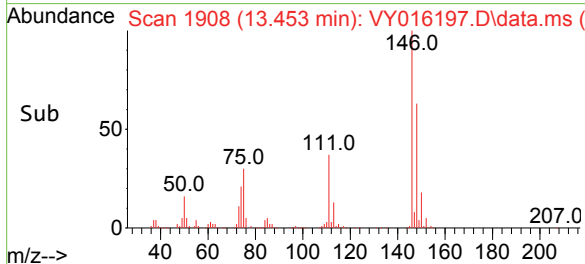
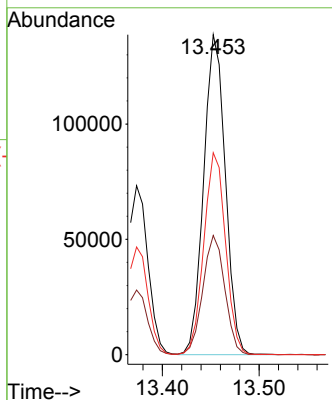
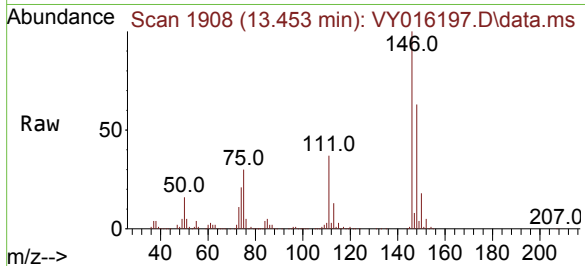




#88
1,4-Dichlorobenzene
Concen: 105.461 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

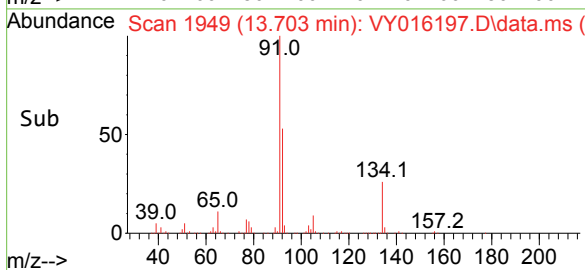
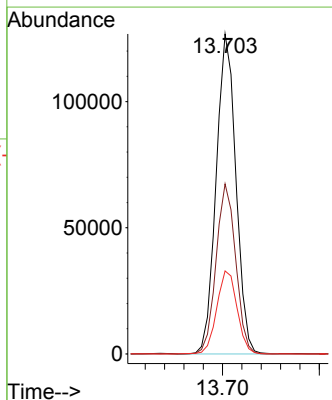
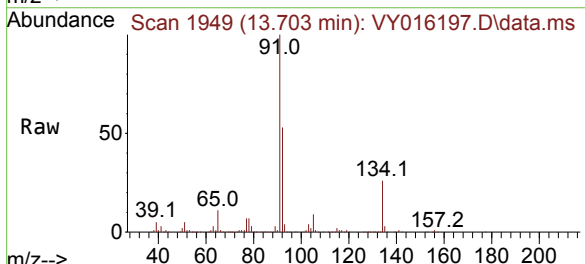
Instrument :
MSVOA_Y
ClientSampleId :

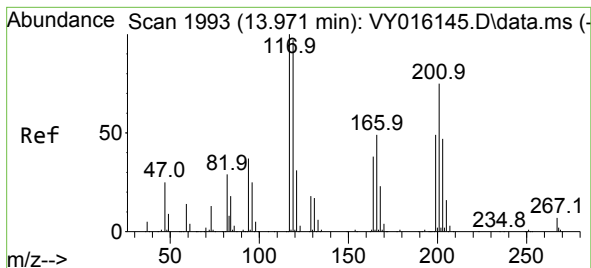
Tgt Ion:146 Resp: 216130
Ion Ratio Lower Upper
146 100
111 37.8 18.9 56.7
148 63.3 32.1 96.5



#89
n-Butylbenzene
Concen: 47.876 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 91 Resp: 179611
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 26.7 12.6 37.6





#90

Hexachloroethane

Concen: 63.841 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

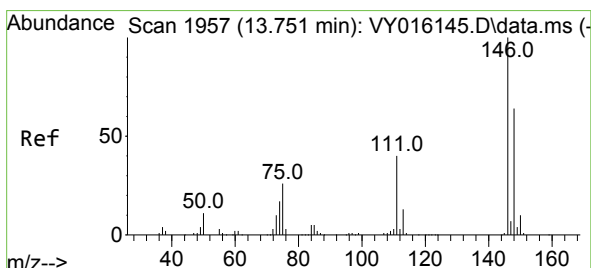
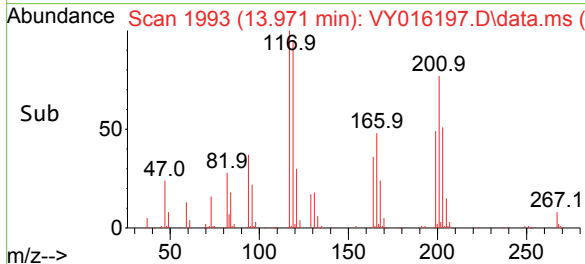
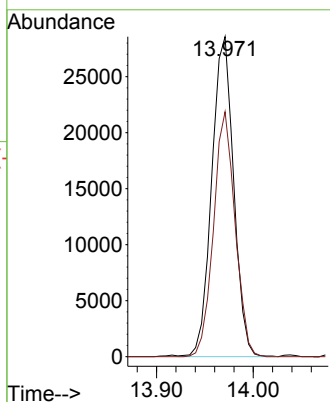
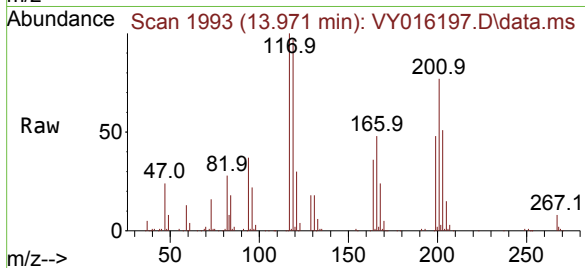
ClientSampleId :

Tgt Ion:117 Resp: 44919

Ion Ratio Lower Upper

117 100

201 75.4 41.6 124.8



#91

1,2-Dichlorobenzene

Concen: 57.389 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

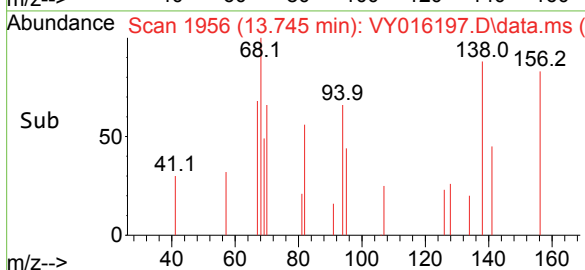
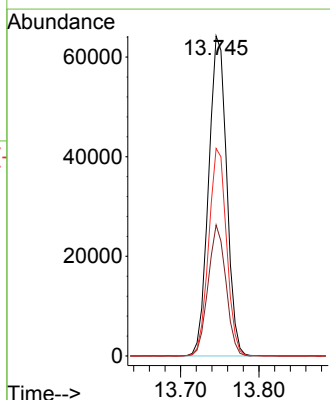
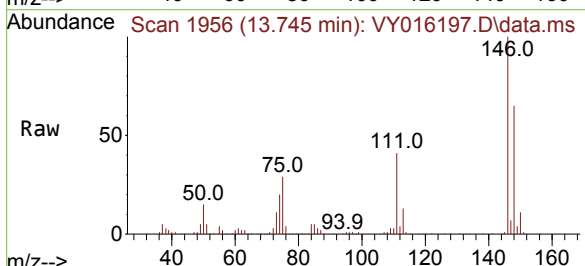
Tgt Ion:146 Resp: 102815

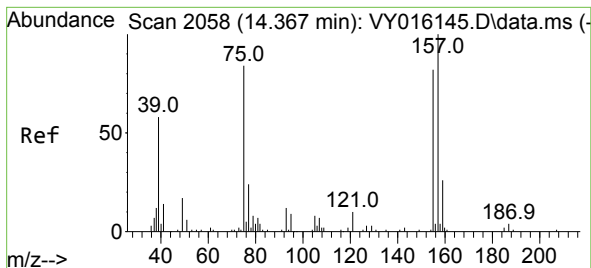
Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 64.0 32.0 96.2

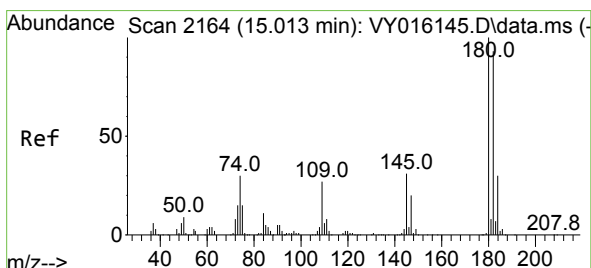
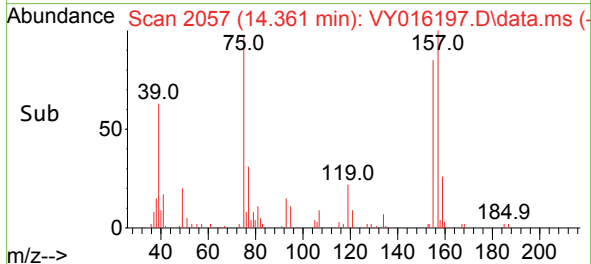
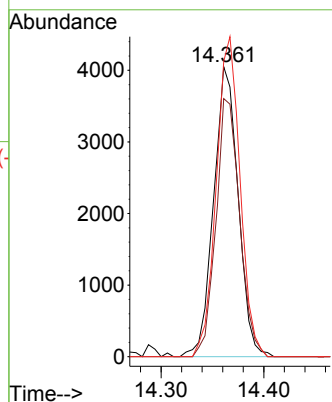
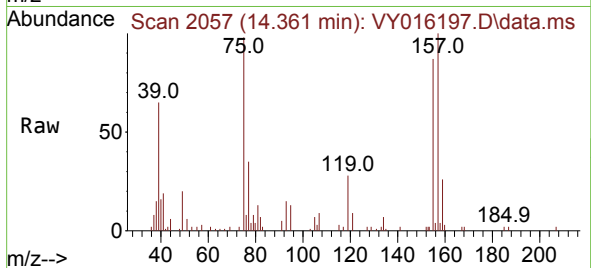




#92
1,2-Dibromo-3-Chloropropane
Concen: 50.910 ug/l
RT: 14.361 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

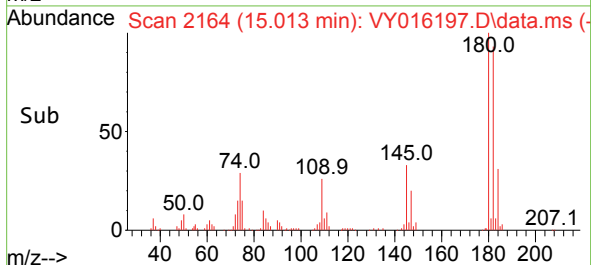
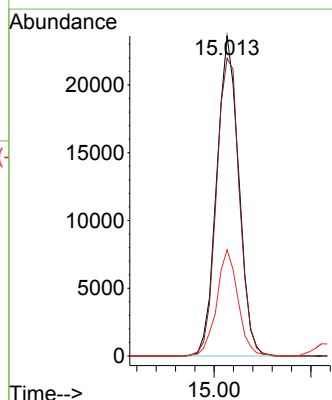
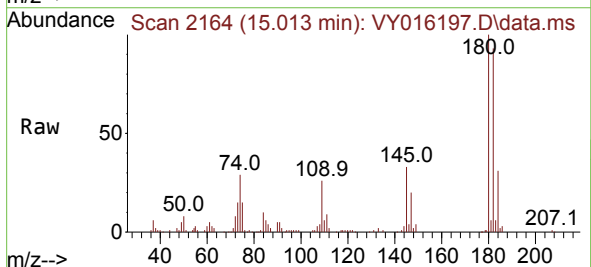
Instrument :
MSVOA_Y
ClientSampleId :

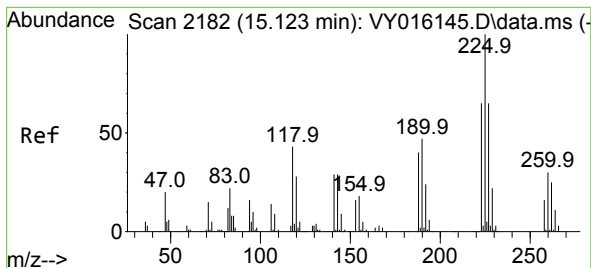
Tgt Ion: 75 Resp: 6713
Ion Ratio Lower Upper
75 100
155 86.0 41.5 124.6
157 106.8 51.8 155.5



#93
1,2,4-Trichlorobenzene
Concen: 33.750 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VY016197.D
Acq: 02 Nov 2023 17:55

Tgt Ion: 180 Resp: 37320
Ion Ratio Lower Upper
180 100
182 97.1 47.0 141.2
145 32.2 14.5 43.5





#94

Hexachlorobutadiene

Concen: 26.385 ug/l

RT: 15.117 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

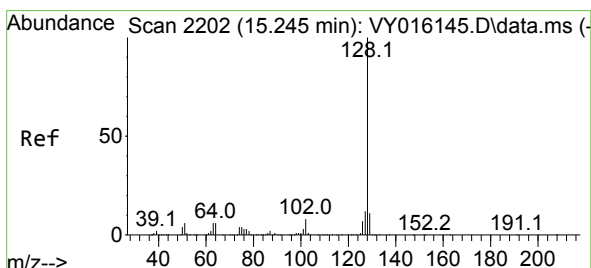
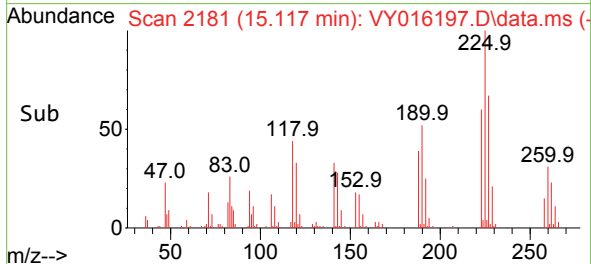
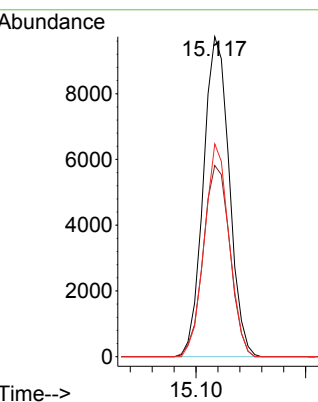
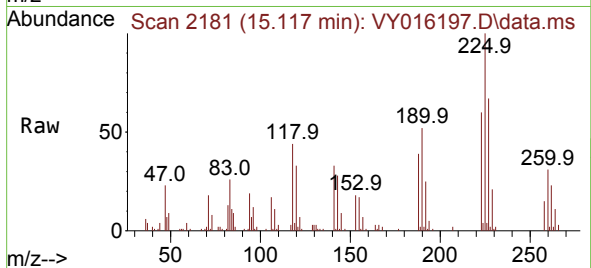
Tgt Ion:225 Resp: 15943

Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 63.7 33.0 98.9



#95

Naphthalene

Concen: 44.593 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016197.D

Acq: 02 Nov 2023 17:55

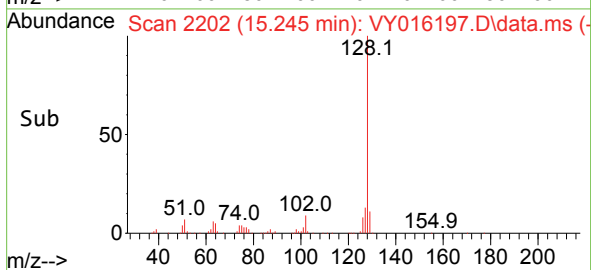
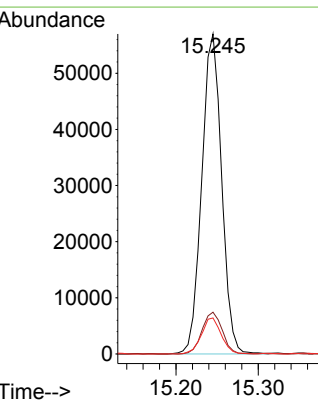
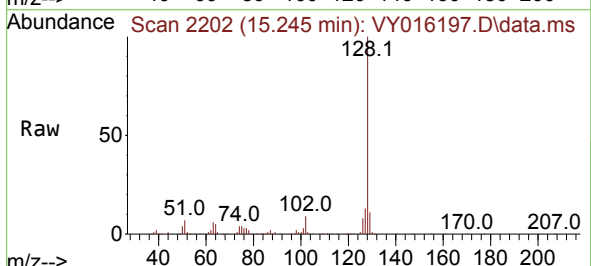
Tgt Ion:128 Resp: 95794

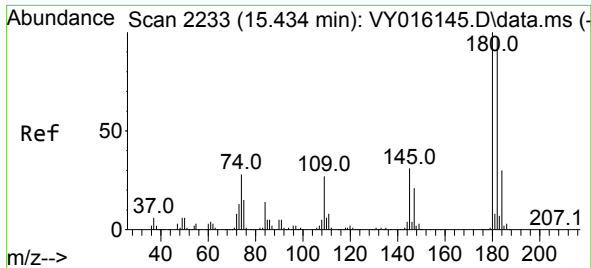
Ion Ratio Lower Upper

128 100

127 13.3 10.8 16.2

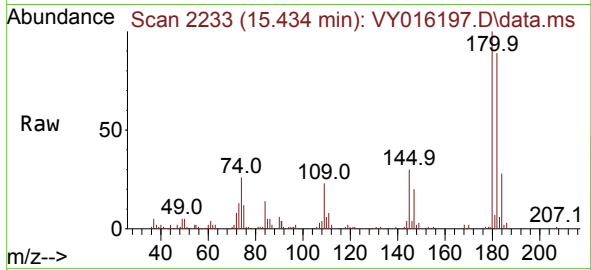
129 11.3 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 33.949 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY016197.D
 Acq: 02 Nov 2023 17:55

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	47.3	141.8
145	34.1	15.4	46.2

