

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110123\
 Data File : VY016168.D
 Acq On : 01 Nov 2023 15:03
 Operator : SY/MD
 Sample : 05102-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 02 02:26:05 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	7.795	168	28307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	49613	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	54657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	33294	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	27508	103.852	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 207.700%#	
35) Dibromofluoromethane	7.728	113	16107	54.456	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.197	98	72696	61.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 123.980%	
62) 4-Bromofluorobenzene	12.489	95	30039	74.910	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 149.820%#	

Target Compounds						Qvalue
3) Chloromethane	2.113	50	299	1.196	ug/l	91
8) Diethyl Ether	3.534	74	37575	291.033	ug/l	97
11) Tert butyl alcohol	5.033	59	1336	67.508	ug/l #	89
13) Acrolein	3.729	56	140	Below Cal	#	6
15) Acrylonitrile	5.240	53	513	9.299	ug/l #	30
16) Acetone	3.985	43	23297	575.854	ug/l	94
17) Carbon Disulfide	4.192	76	6304	11.273	ug/l #	92
20) Methylene Chloride	4.716	84	8178	29.081	ug/l #	89
24) 1,1-Dichloroethane	6.033	63	903	1.947	ug/l #	84
25) 2-Butanone	7.008	43	27348	374.235	ug/l	90
27) cis-1,2-Dichloroethene	6.990	96	3391	11.044	ug/l	86
29) Tetrahydrofuran	7.380	42	240	5.239	ug/l #	35
30) Chloroform	7.514	83	1826	3.616	ug/l	93
31) Cyclohexane	7.795	56	195986	481.326	ug/l	90
37) Ethyl Acetate	7.008	43	27348	143.762	ug/l #	85
38) Carbon Tetrachloride	7.801	117	2797	6.610	ug/l #	12
39) Methylcyclohexane	9.191	83	122944	241.153	ug/l	95
40) Benzene	8.167	78	660629	538.778	ug/l	99
42) 1,2-Dichloroethane	8.246	62	8911	26.042	ug/l	88
43) Isopropyl Acetate	8.277	43	6291	16.719	ug/l #	55
44) Trichloroethene	8.947	130	2618	7.296	ug/l	97
45) 1,2-Dichloropropane	9.197	63	1663	5.638	ug/l #	1
47) Bromodichloromethane	9.545	83	1765	4.152	ug/l #	26
48) Methyl methacrylate	9.252	41	8377	48.958	ug/l #	42
49) 1,4-Dioxane	9.356	88	225	Below Cal	#	86
51) 4-Methyl-2-Pentanone	10.093	43	66903	356.333	ug/l	91
52) Toluene	10.264	92	29025589	36530.955	ug/l #	1
53) t-1,3-Dichloropropene	10.258	75	473360	1115.346	ug/l #	1
55) 1,1,2-Trichloroethane	10.630	97	37671	160.049	ug/l #	18
56) Ethyl methacrylate	10.532	69	15261	49.926	ug/l #	9
57) 1,3-Dichloropropane	10.800	76	8342	20.819	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.831	63	234165	1579.806	ug/l #	48
59) 2-Hexanone	10.813	43	73366	570.229	ug/l #	33
64) Tetrachloroethene	10.733	164	3354	6.899	ug/l	95
65) Chlorobenzene	11.526	112	133122	122.591	ug/l	99
68) m/p-Xylenes	11.721	106	18399325	24515.287	ug/l #	1

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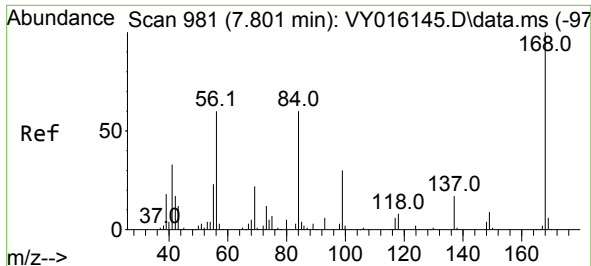
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) o-Xylene	12.044	106	9380102	13089.935	ug/l	78
70) Styrene	12.050	104	673891	565.693	ug/l #	1
73) Isopropylbenzene	12.343	105	510129	204.259	ug/l	100
74) N-amyl acetate	12.130	43	37770	69.594	ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.544	83	4032	10.146	ug/l #	65
76) 1,2,3-Trichloropropane	12.757	75	367112	1170.886	ug/l #	100
77) Bromobenzene	12.434	156	216183	382.280	ug/l #	1
78) n-propylbenzene	12.684	91	601382	203.674	ug/l #	53
79) 2-Chlorotoluene	12.757	91	5524074	3354.356	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.983	105	683708	337.906	ug/l #	29
81) trans-1,4-Dichloro-2-b...	12.343	75	6208	42.931	ug/l #	25
82) 4-Chlorotoluene	12.757	91	5524074	3266.593	ug/l #	40
83) tert-Butylbenzene	13.129	119	352310	194.600	ug/l #	70
84) 1,2,4-Trimethylbenzene	13.129	105	2794427	1395.730	ug/l	97
85) sec-Butylbenzene	13.263	105	97170	36.569	ug/l #	62
86) p-Isopropyltoluene	13.379	119	125625	57.043	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	7397	6.692	ug/l #	51
89) n-Butylbenzene	13.702	91	209007	103.288	ug/l #	64
90) Hexachloroethane	13.983	117	166595	438.967	ug/l #	8
91) 1,2-Dichlorobenzene	13.751	146	97366	100.759	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.385	75	6050	85.064	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.013	180	10071	16.885	ug/l #	48
95) Naphthalene	15.245	128	1901862	1641.395	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	4728	9.280	ug/l #	59

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

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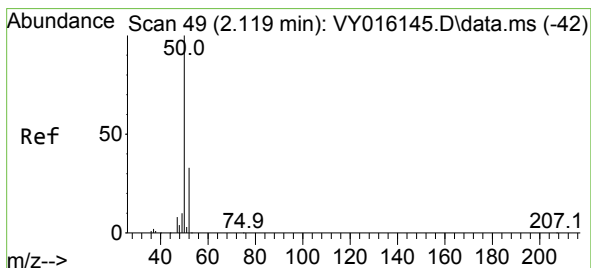
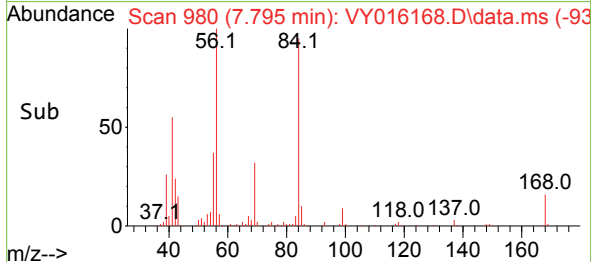
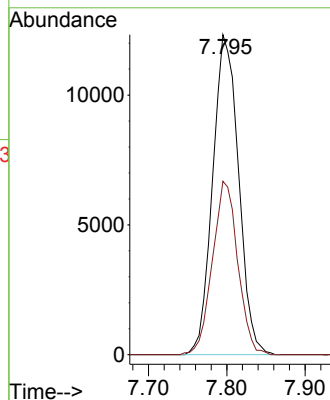
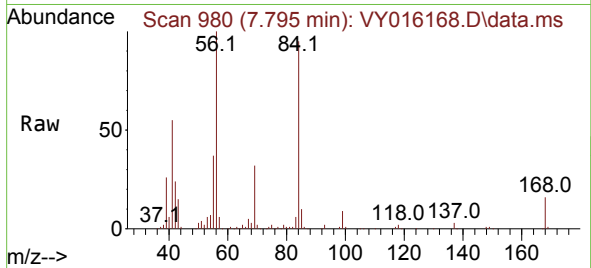




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

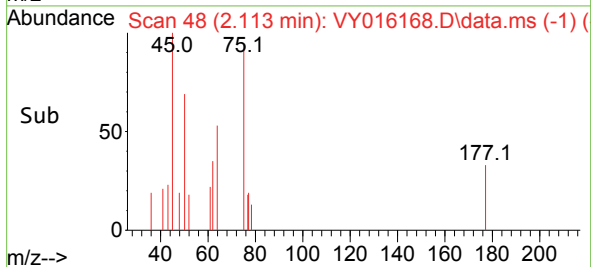
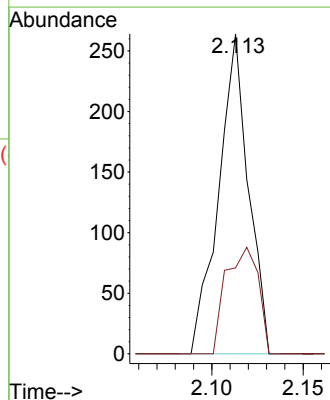
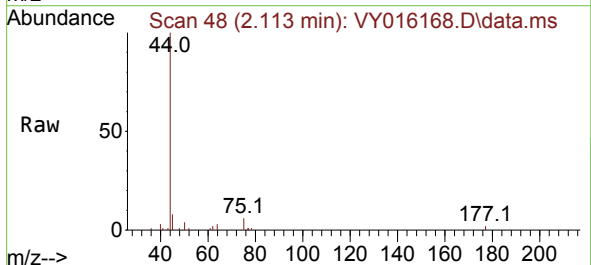
Instrument :
MSVOA_Y
ClientSampleId :

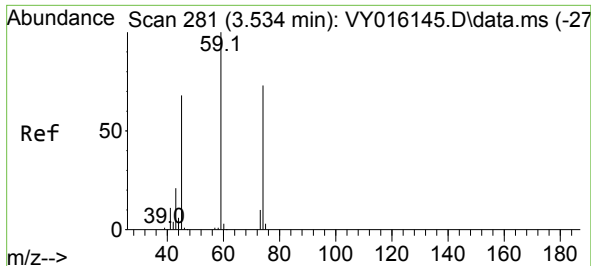
Tgt Ion:168 Resp: 28307
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#3
Chloromethane
Concen: 1.196 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 50 Resp: 299
Ion Ratio Lower Upper
50 100
52 26.9 25.4 38.2





#8

Diethyl Ether

Concen: 291.033 ug/l

RT: 3.534 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

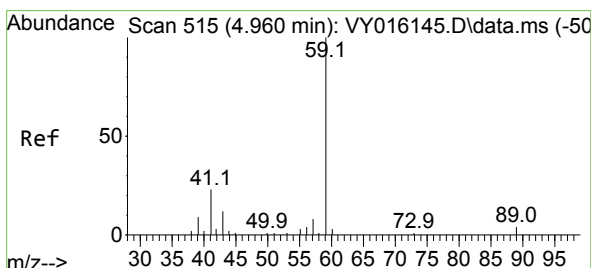
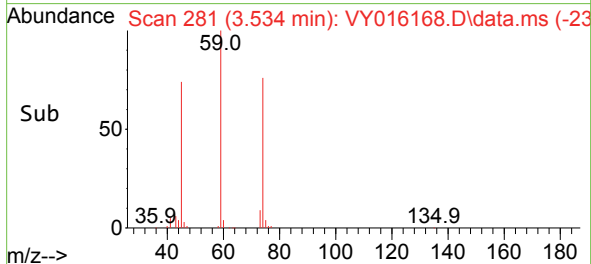
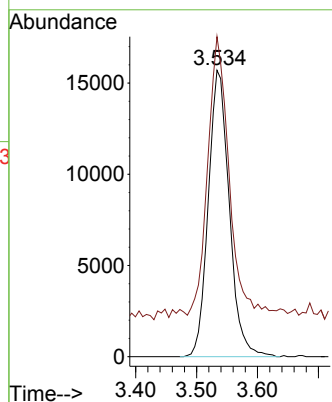
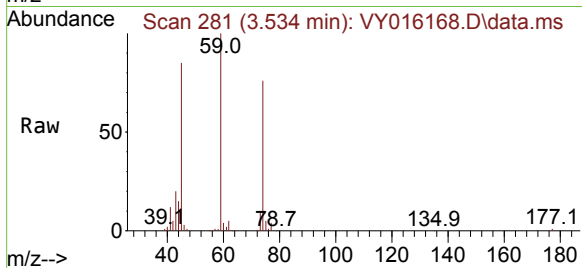
ClientSampleId :

Tgt Ion: 74 Resp: 37575

Ion Ratio Lower Upper

74 100

45 100.2 51.5 154.5



#11

Tert butyl alcohol

Concen: 67.508 ug/l

RT: 5.033 min Scan# 527

Delta R.T. 0.073 min

Lab File: VY016168.D

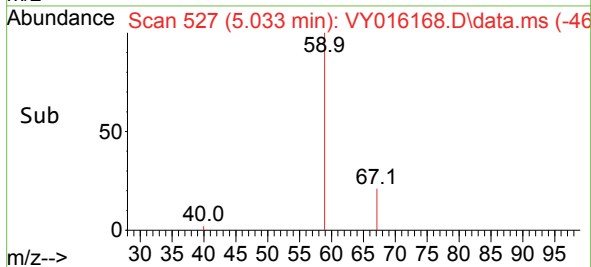
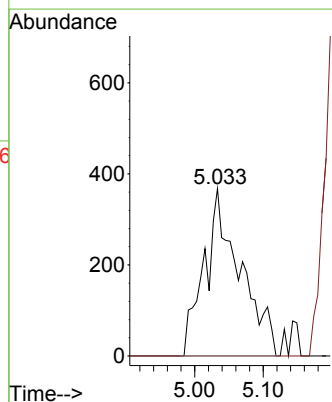
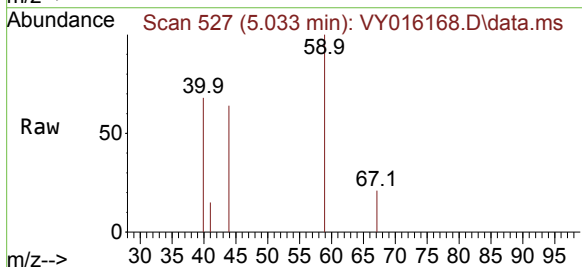
Acq: 01 Nov 2023 15:03

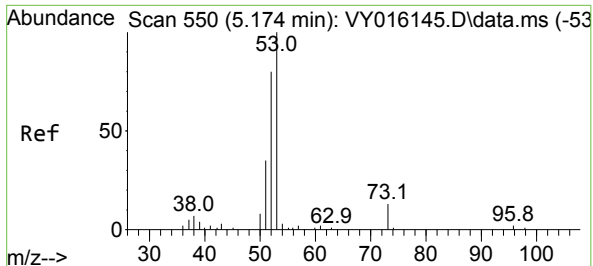
Tgt Ion: 59 Resp: 1336

Ion Ratio Lower Upper

59 100

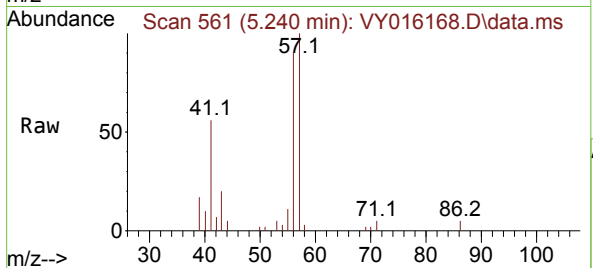
57 0.0 3.0 4.4#



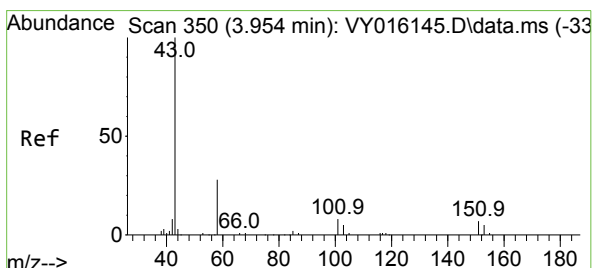
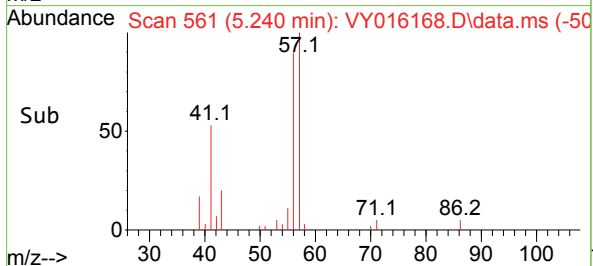
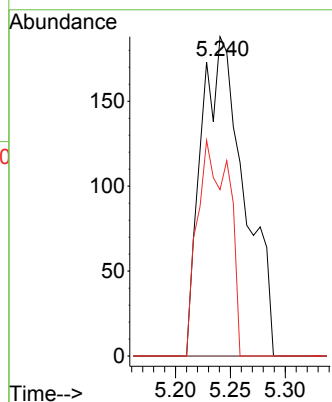


#15
Acrylonitrile
Concen: 9.299 ug/l
RT: 5.240 min Scan# 513
Delta R.T. 0.067 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :

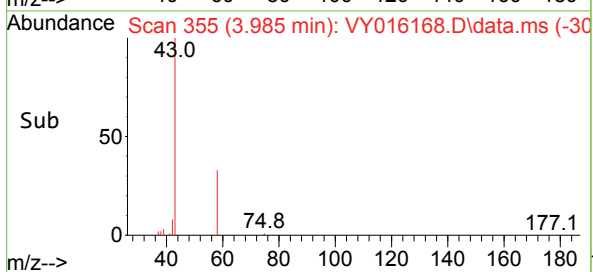
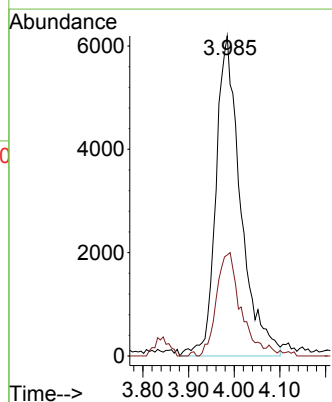
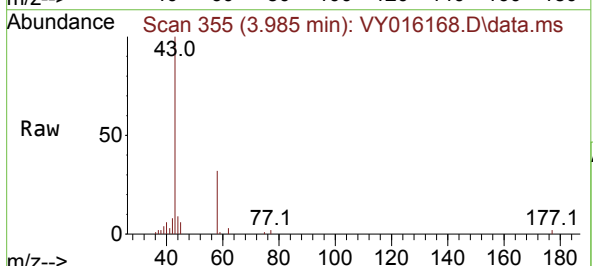


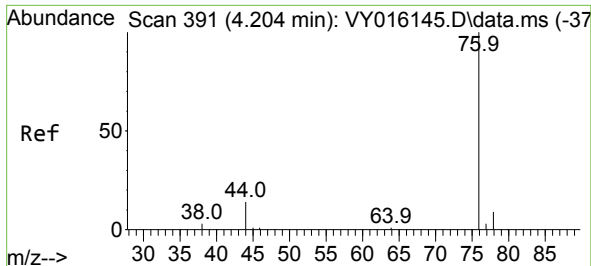
Tgt Ion: 53 Resp: 513
Ion Ratio Lower Upper
53 100
52 0.0 66.9 100.3#
51 49.3 29.8 44.6#



#16
Acetone
Concen: 575.854 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.031 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

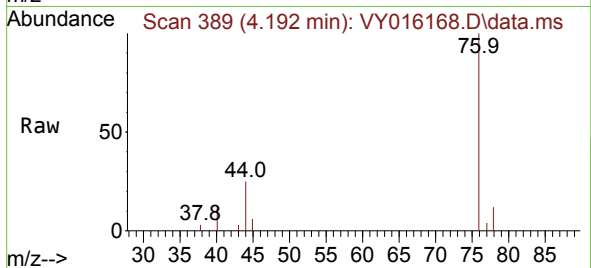
Tgt Ion: 43 Resp: 23297
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1



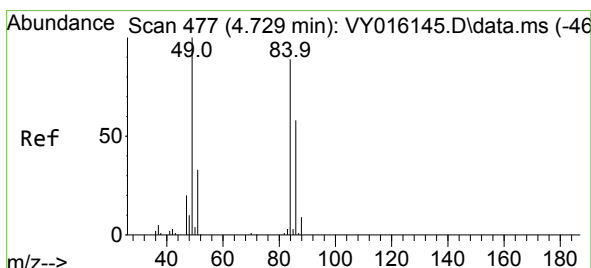
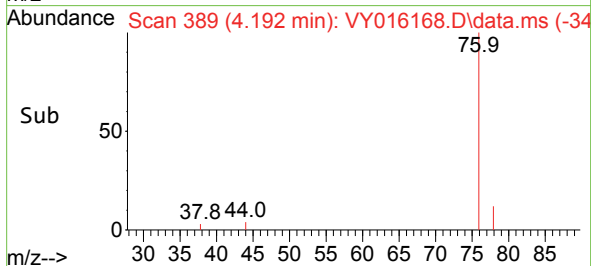
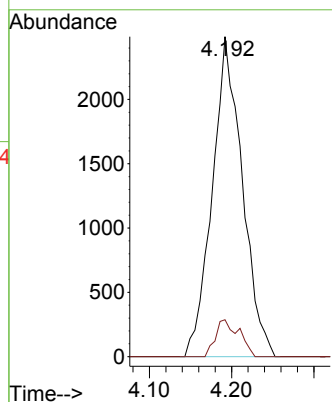


#17
Carbon Disulfide
Concen: 11.273 ug/l
RT: 4.192 min Scan# 391
Delta R.T. -0.012 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :

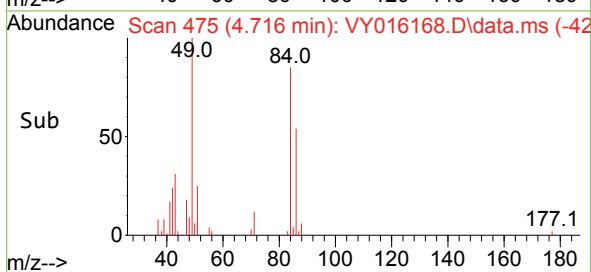
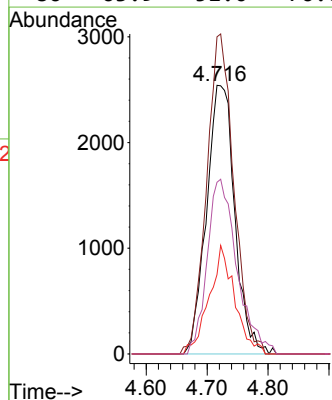
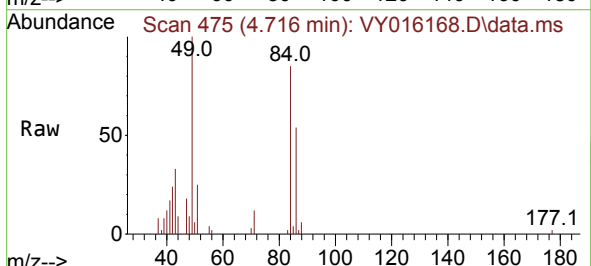


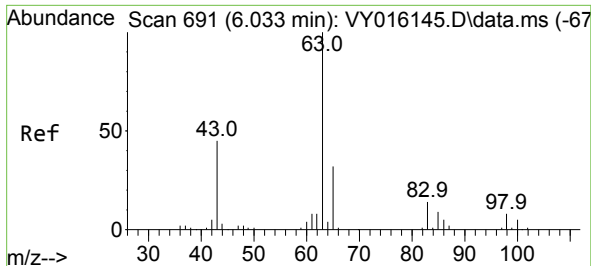
Tgt Ion: 76 Resp: 6304
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.4#



#20
Methylene Chloride
Concen: 29.081 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.013 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

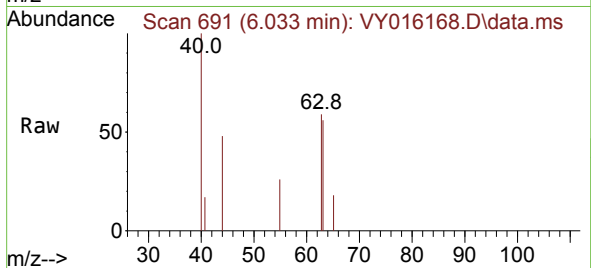
Tgt Ion: 84 Resp: 8178
Ion Ratio Lower Upper
84 100
49 118.1 106.9 160.3
51 29.5 33.2 49.8#
86 63.9 51.0 76.6



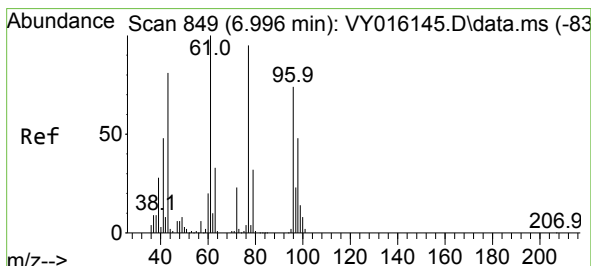
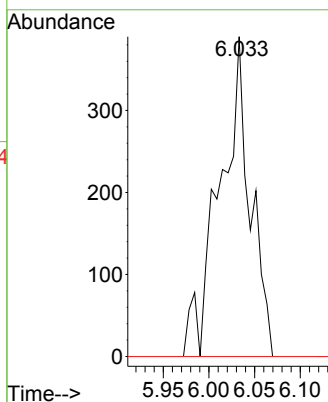
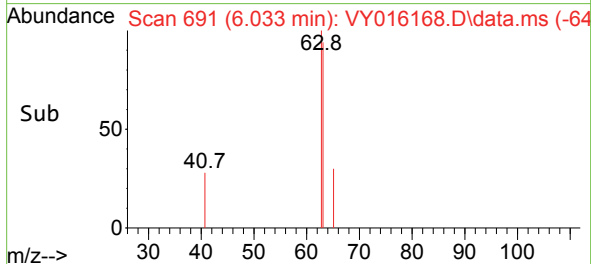


#24
1,1-Dichloroethane
Concen: 1.947 ug/l
RT: 6.033 min Scan# 64
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

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ClientSampleId :

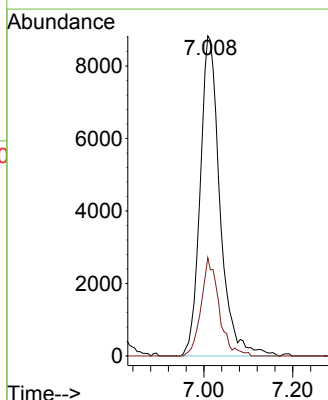
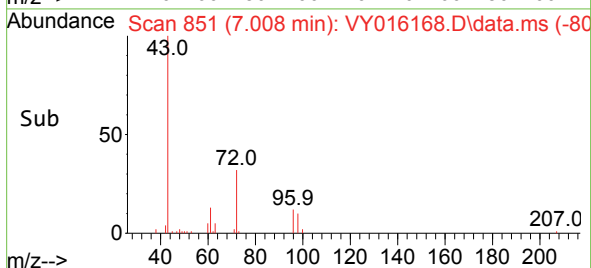
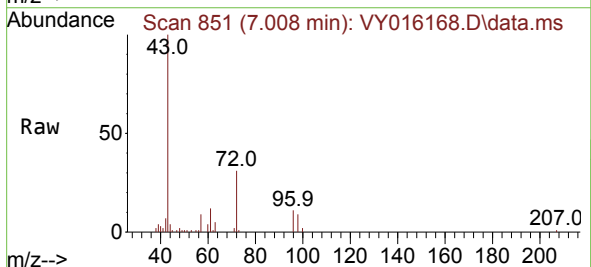


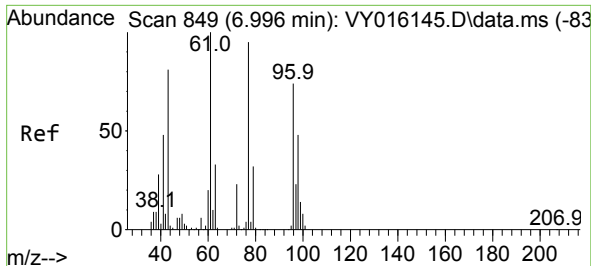
Tgt Ion: 63 Resp: 903
Ion Ratio Lower Upper
63 100
98 0.0 3.1 9.4#
100 0.0 1.8 5.5#



#25
2-Butanone
Concen: 374.235 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 43 Resp: 27348
Ion Ratio Lower Upper
43 100
72 30.7 20.5 30.7





#27

cis-1,2-Dichloroethene

Concen: 11.044 ug/l

RT: 6.990 min Scan# 849

Delta R.T. -0.006 min

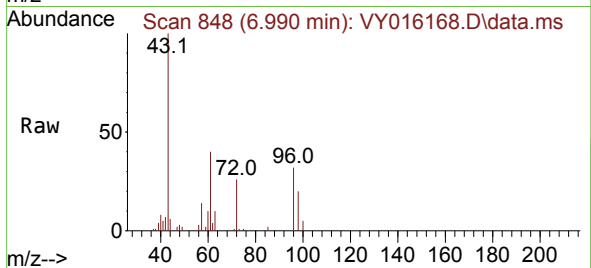
Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :



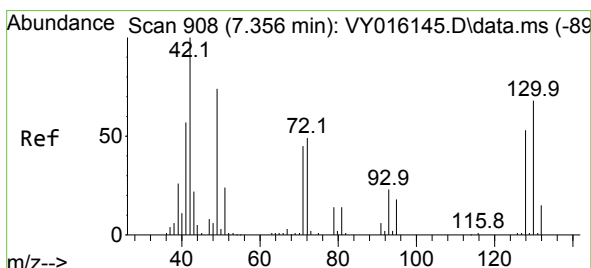
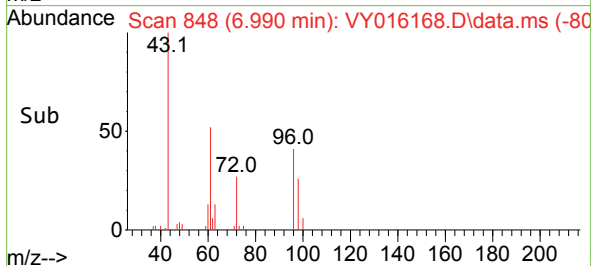
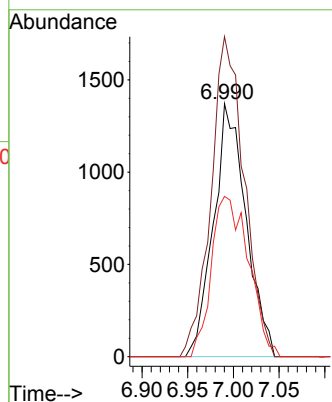
Tgt Ion: 96 Resp: 3391

Ion Ratio Lower Upper

96 100

61 129.4 0.0 301.4

98 72.4 0.0 130.4



#29

Tetrahydrofuran

Concen: 5.239 ug/l

RT: 7.380 min Scan# 912

Delta R.T. 0.024 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

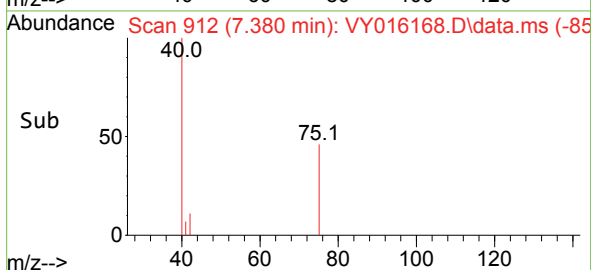
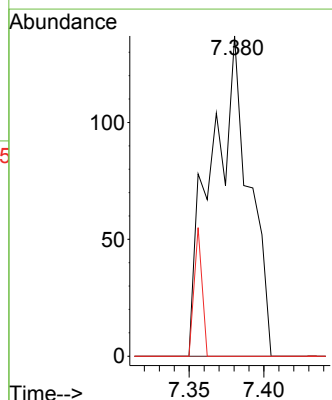
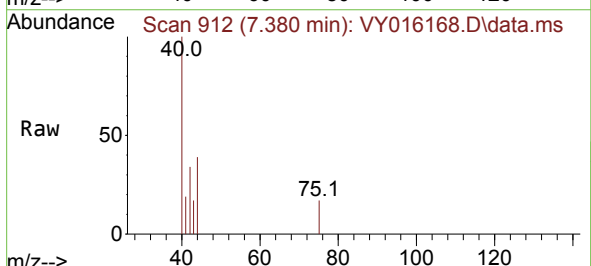
Tgt Ion: 42 Resp: 240

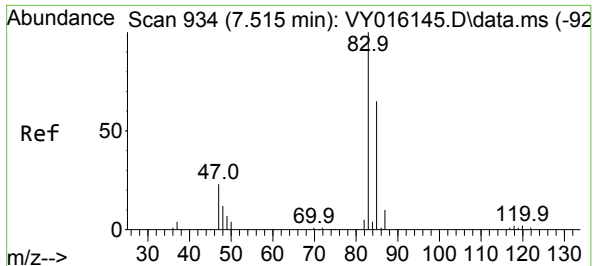
Ion Ratio Lower Upper

42 100

72 0.0 32.8 49.2#

71 0.0 31.0 46.4#

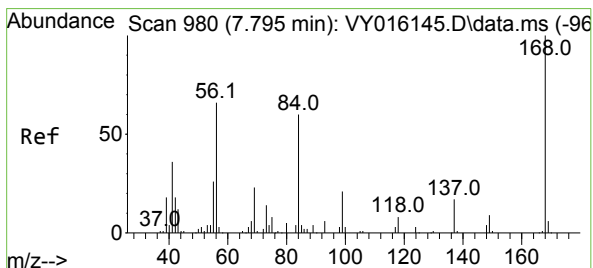
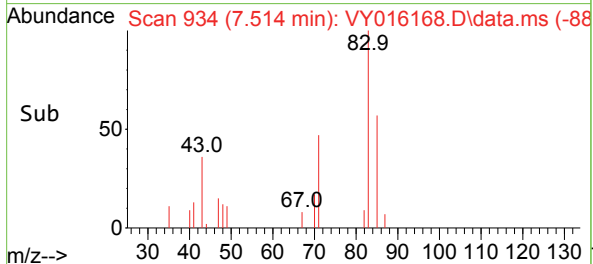
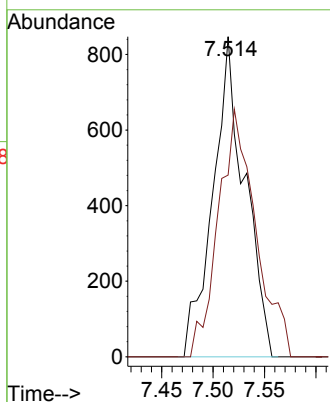
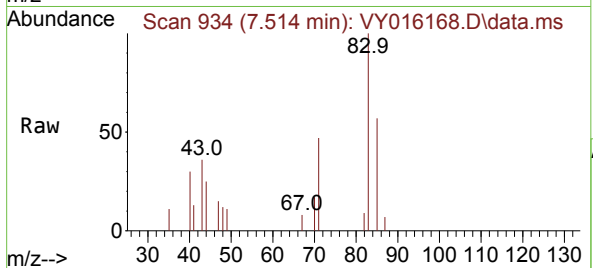




#30
Chloroform
Concen: 3.616 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

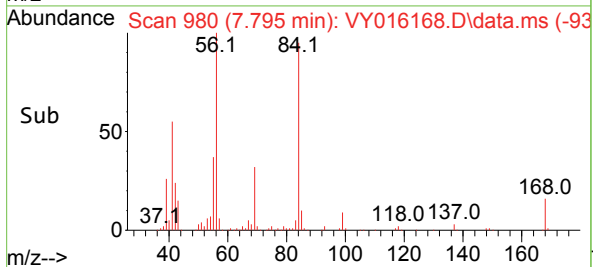
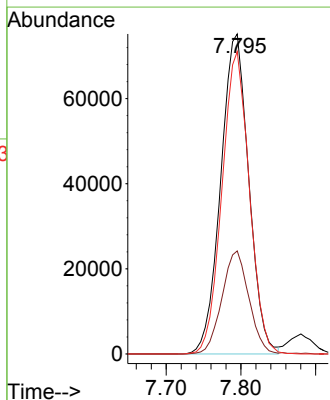
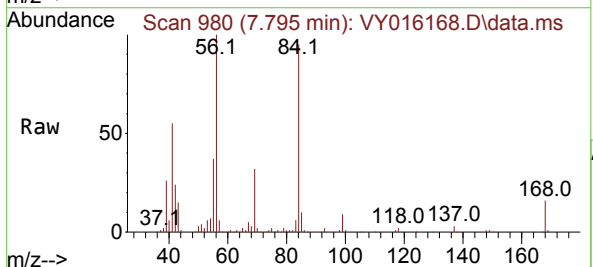
Instrument :
MSVOA_Y
ClientSampleId :

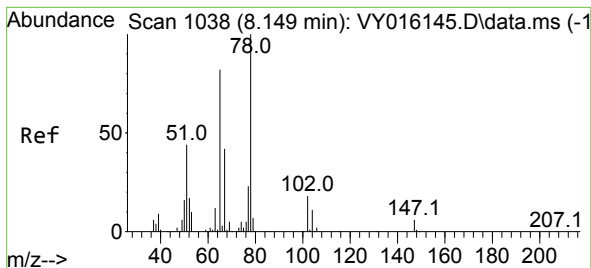
Tgt Ion: 83 Resp: 1826
Ion Ratio Lower Upper
83 100
85 56.8 49.7 74.5



#31
Cyclohexane
Concen: 481.326 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 56 Resp: 195986
Ion Ratio Lower Upper
56 100
69 32.2 27.8 41.6
84 94.5 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 103.852 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

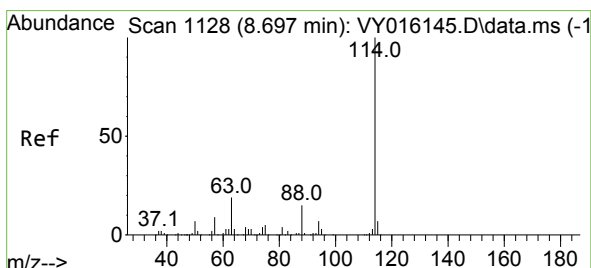
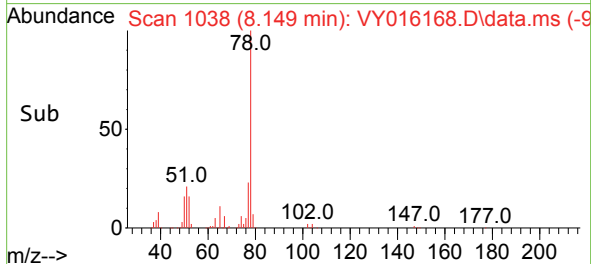
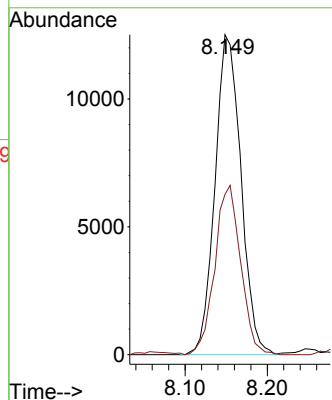
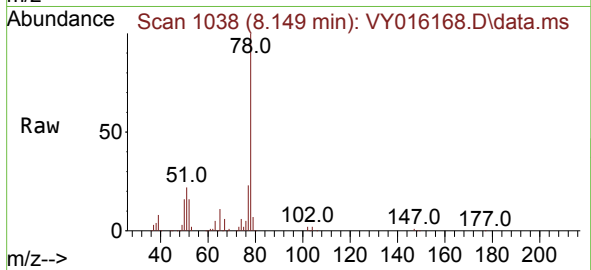
ClientSampleId :

Tgt Ion: 65 Resp: 27508

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

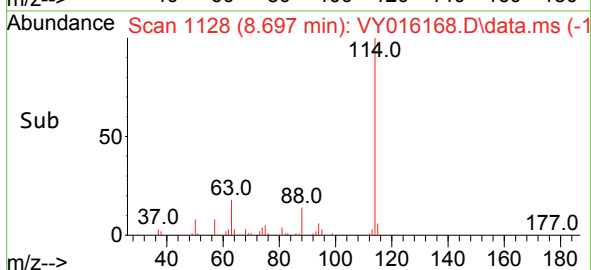
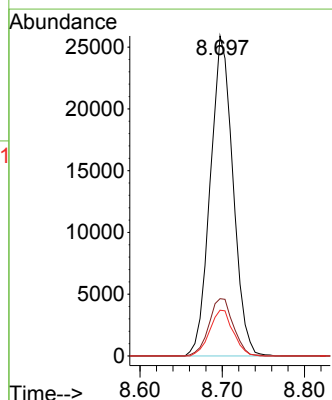
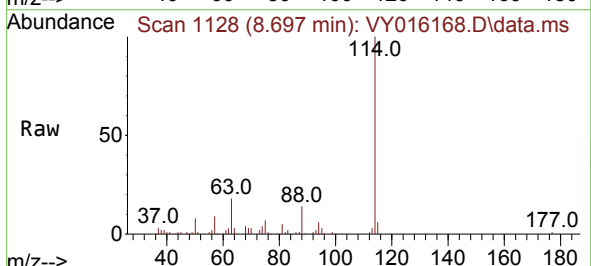
Tgt Ion: 114 Resp: 49613

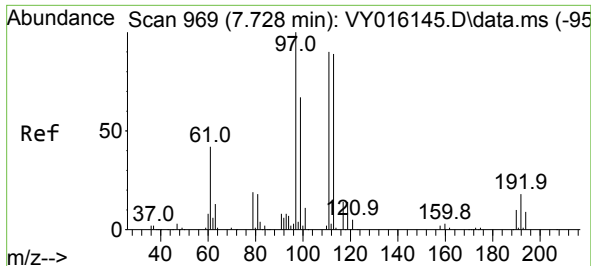
Ion Ratio Lower Upper

114 100

63 17.9 0.0 42.4

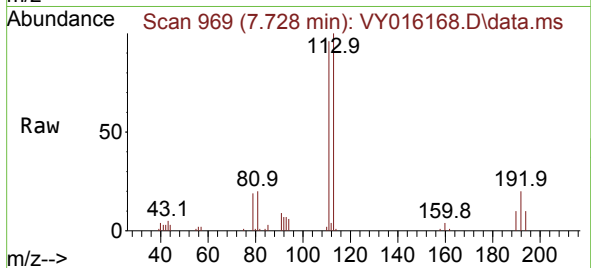
88 14.3 0.0 30.6



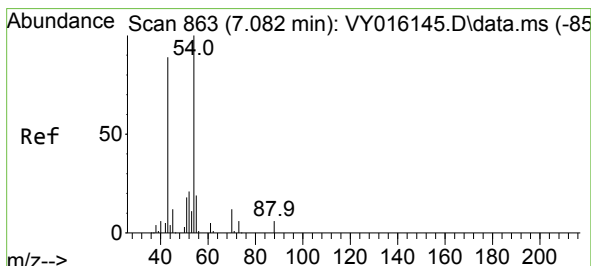
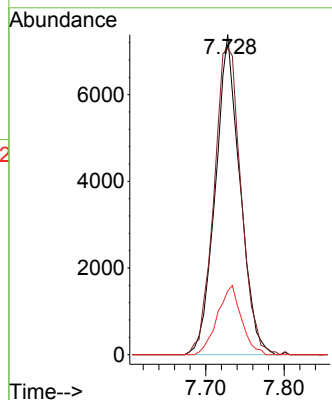
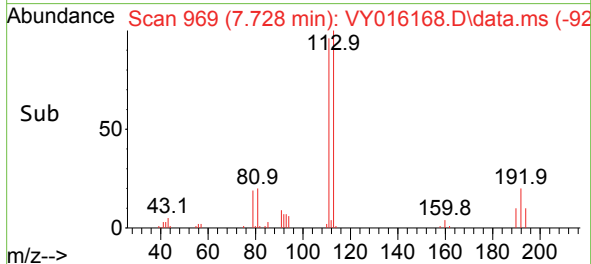


#35
Dibromofluoromethane
Concen: 54.456 ug/l
RT: 7.728 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :

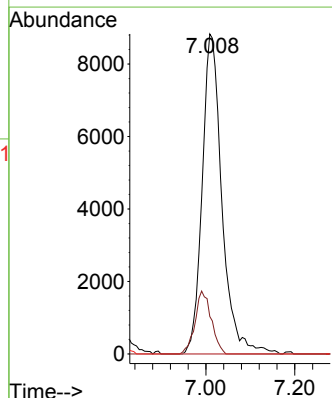
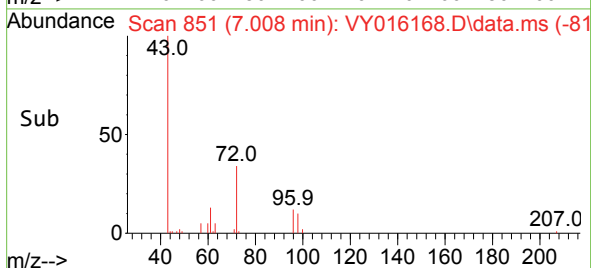
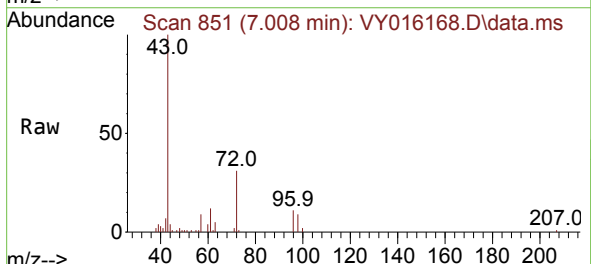


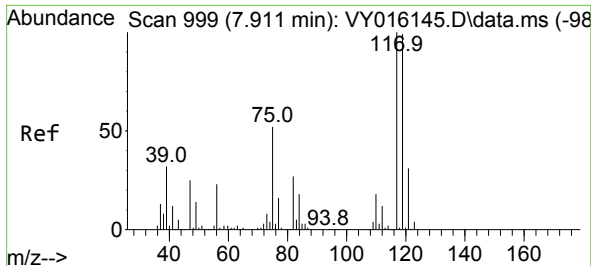
Tgt Ion:113 Resp: 16107
Ion Ratio Lower Upper
113 100
111 105.9 81.3 121.9
192 21.1 16.9 25.3



#37
Ethyl Acetate
Concen: 143.762 ug/l
RT: 7.008 min Scan# 851
Delta R.T. -0.073 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

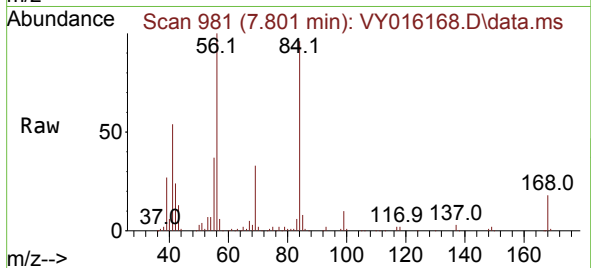
Tgt Ion: 43 Resp: 27348
Ion Ratio Lower Upper
43 100
61 16.0 10.1 15.1#
70 0.0 7.1 10.7#



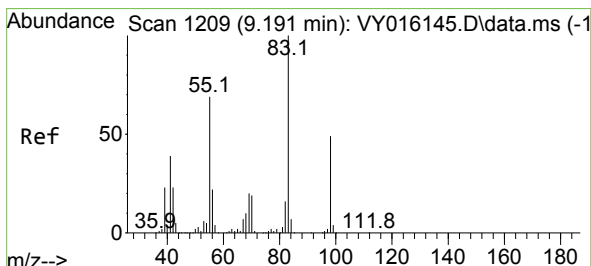
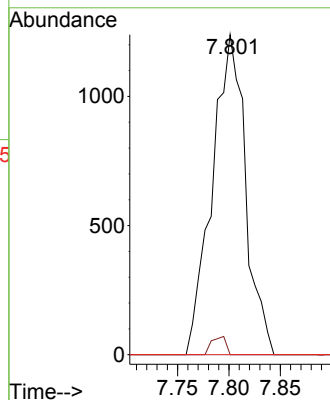
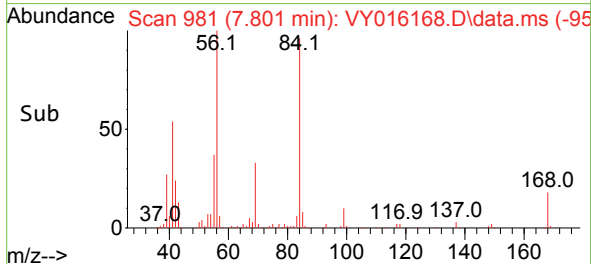


#38
Carbon Tetrachloride
Concen: 6.610 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :

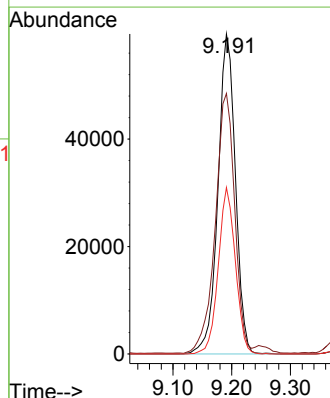
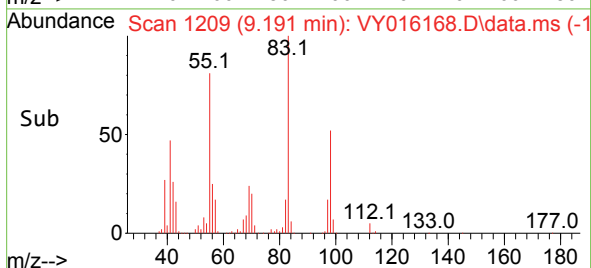
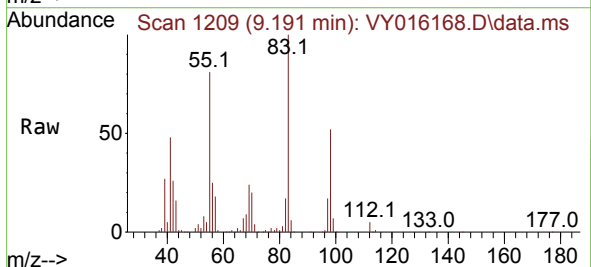


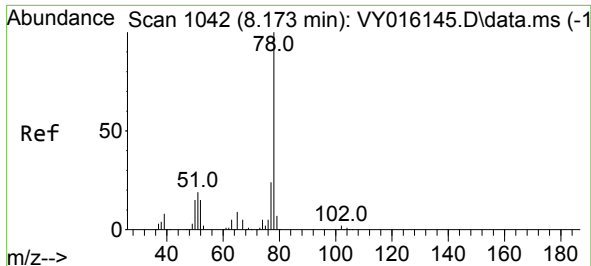
Tgt Ion:117 Resp: 2797
Ion Ratio Lower Upper
117 100
119 0.0 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 241.153 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 83 Resp: 122944
Ion Ratio Lower Upper
83 100
55 81.1 63.0 94.4
98 52.0 37.4 56.2

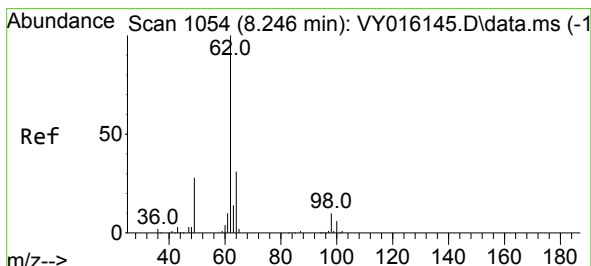
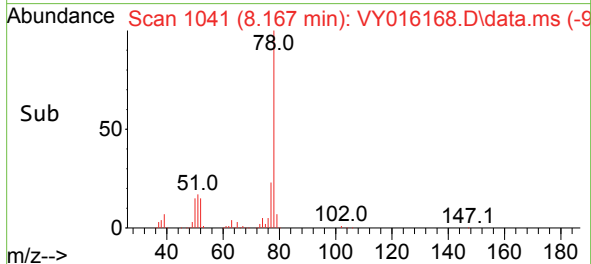
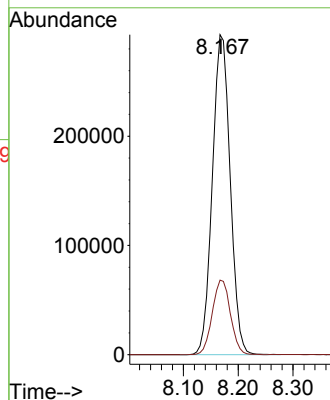
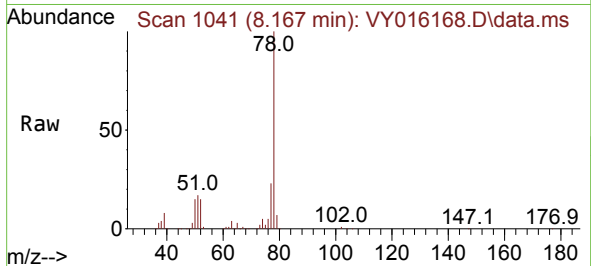




#40
Benzene
Concen: 538.778 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

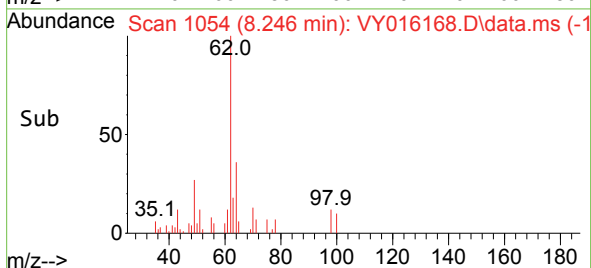
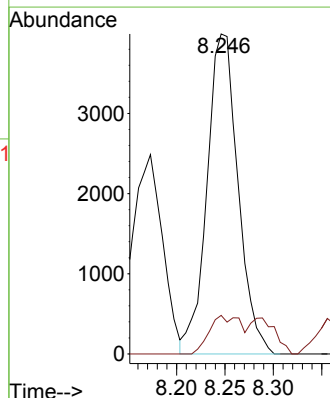
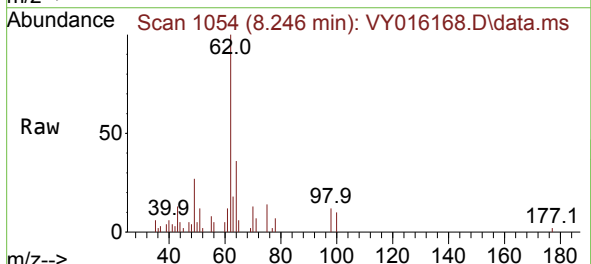
Instrument :
MSVOA_Y
ClientSampleId :

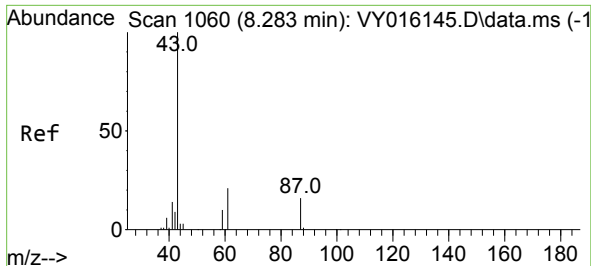
Tgt Ion: 78 Resp: 660629
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.6



#42
1,2-Dichloroethane
Concen: 26.042 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

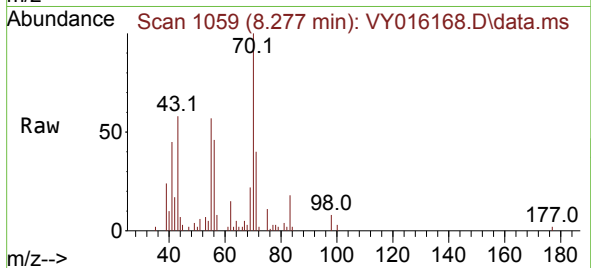
Tgt Ion: 62 Resp: 8911
Ion Ratio Lower Upper
62 100
98 12.2 0.0 15.8



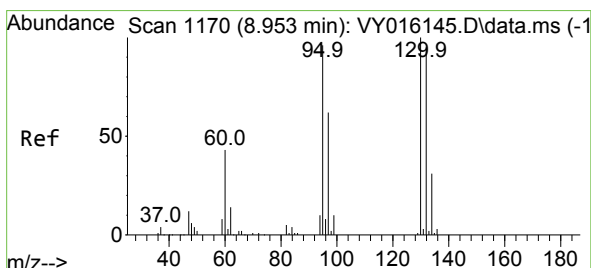
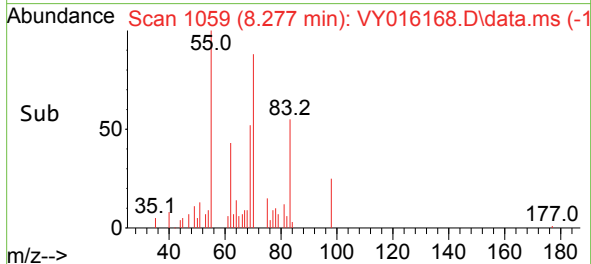
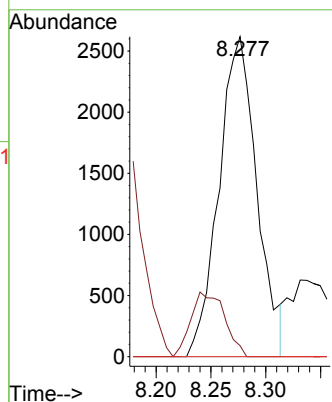


#43
Isopropyl Acetate
Concen: 16.719 ug/l
RT: 8.277 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Instrument :
MSVOA_Y
ClientSampleId :

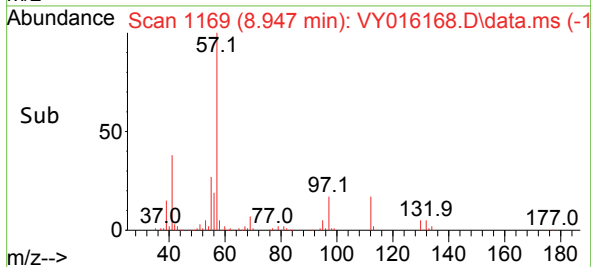
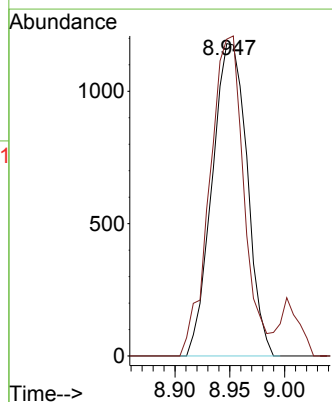
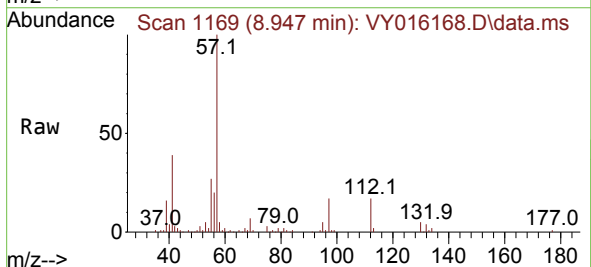


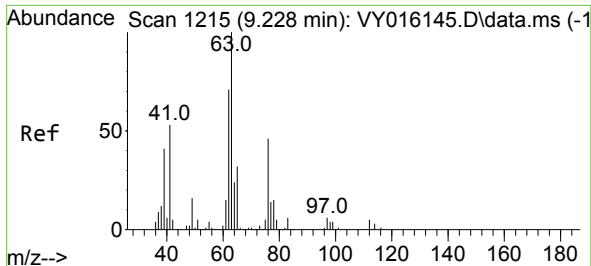
Tgt Ion: 43 Resp: 6291
Ion Ratio Lower Upper
43 100
61 0.0 21.1 31.7#
87 0.0 9.8 14.8#



#44
Trichloroethene
Concen: 7.296 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 130 Resp: 2618
Ion Ratio Lower Upper
130 100
95 101.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 5.638 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.031 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

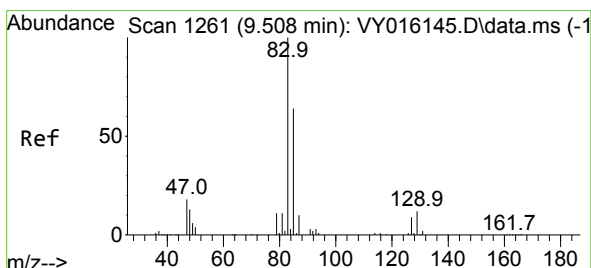
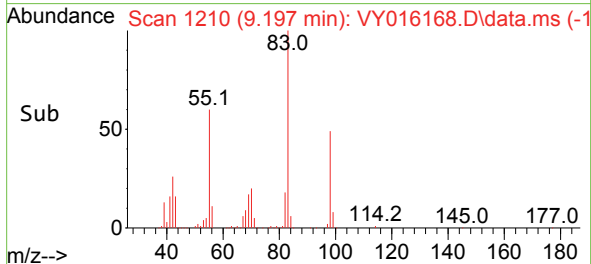
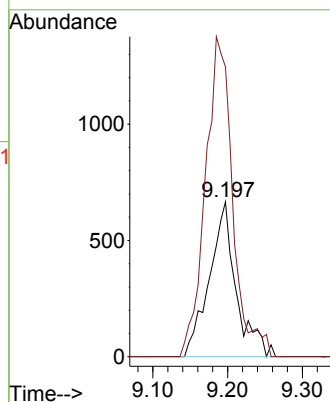
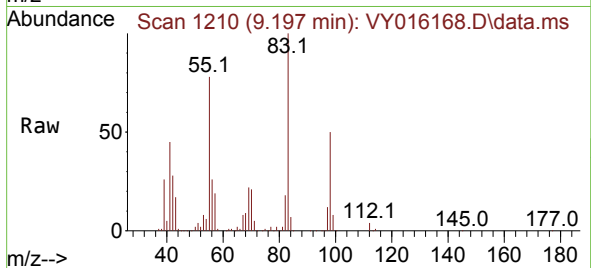
ClientSampleId :

Tgt Ion: 63 Resp: 1663

Ion Ratio Lower Upper

63 100

65 187.1 23.8 35.6#



#47

Bromodichloromethane

Concen: 4.152 ug/l

RT: 9.545 min Scan# 1267

Delta R.T. 0.036 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

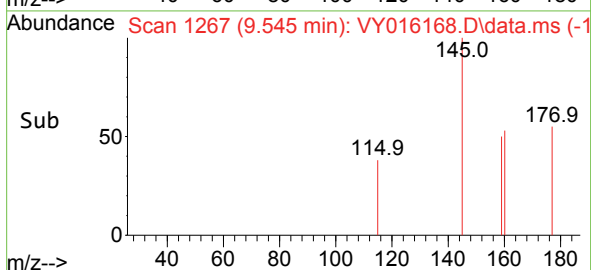
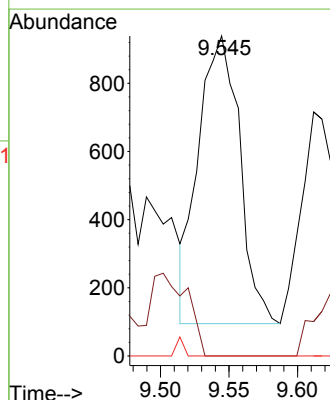
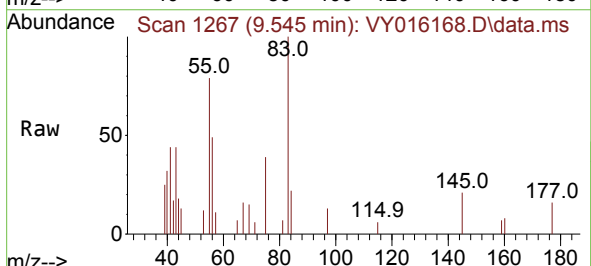
Tgt Ion: 83 Resp: 1765

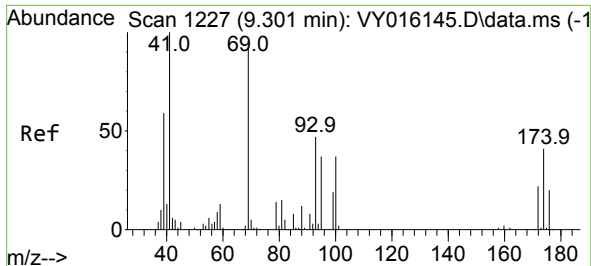
Ion Ratio Lower Upper

83 100

85 0.0 50.1 75.1#

127 0.0 7.1 10.7#

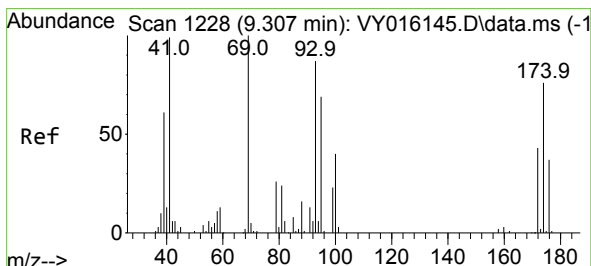
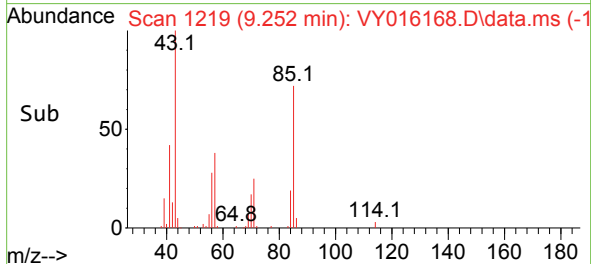
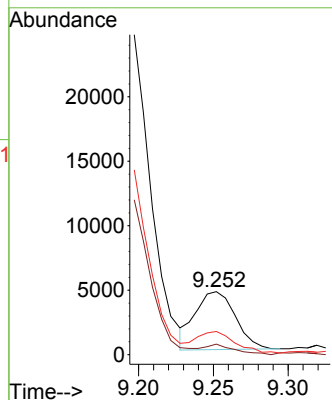
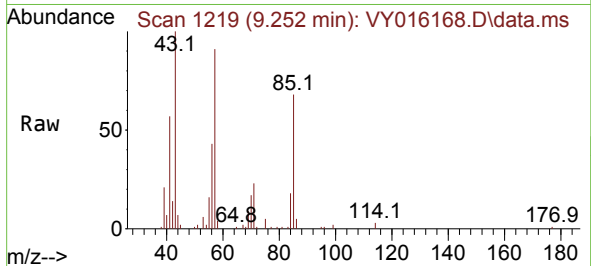




#48
Methyl methacrylate
Concen: 48.958 ug/l
RT: 9.252 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

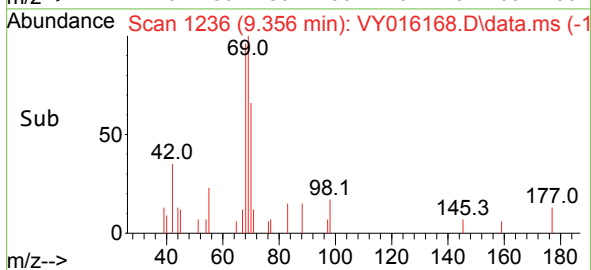
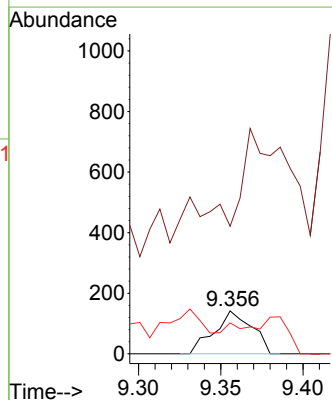
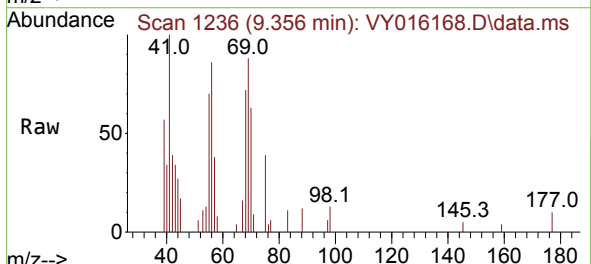
Instrument :
MSVOA_Y
ClientSampleId :

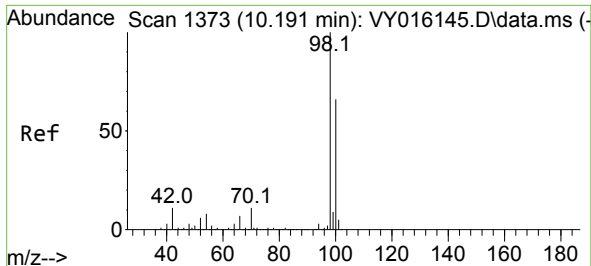
Tgt Ion: 41 Resp: 8377
Ion Ratio Lower Upper
41 100
69 14.9 64.5 96.7#
39 33.8 50.8 76.2#



#49
1,4-Dioxane
Concen: Below Cal
RT: 9.356 min Scan# 1236
Delta R.T. 0.049 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 30.2 30.9 46.3#

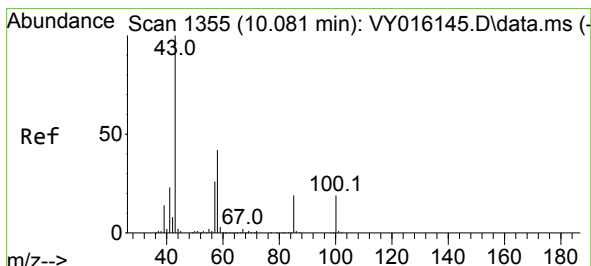
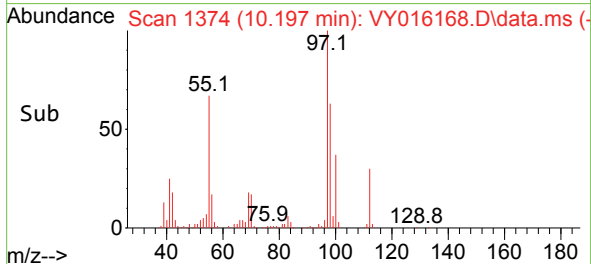
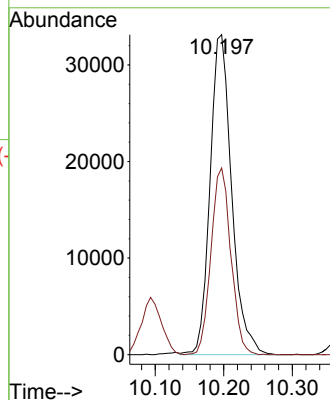
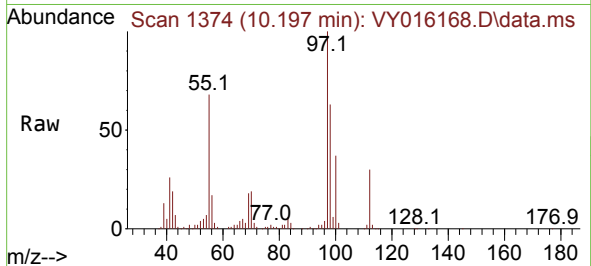




#50
Toluene-d8
Concen: 61.990 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

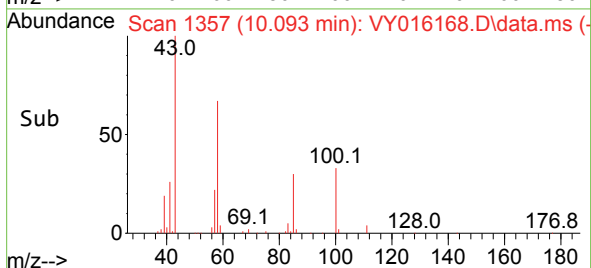
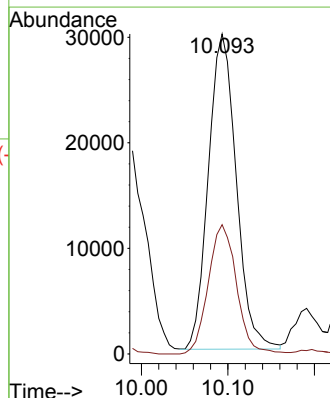
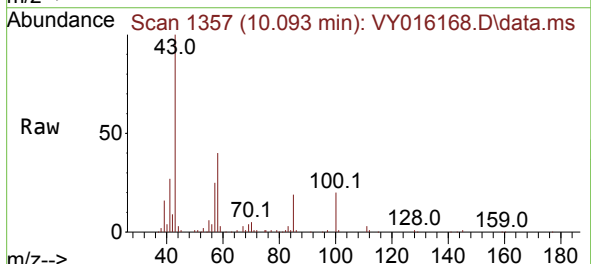
Instrument :
MSVOA_Y
ClientSampleId :

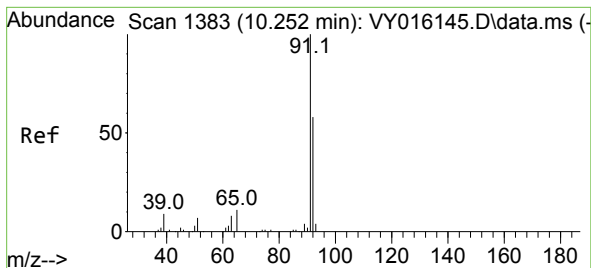
Tgt Ion: 98 Resp: 72696
Ion Ratio Lower Upper
98 100
100 53.6 50.1 75.1



#51
4-Methyl-2-Pentanone
Concen: 356.333 ug/l
RT: 10.093 min Scan# 1357
Delta R.T. 0.012 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 43 Resp: 66903
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6





#52

Toluene

Concen: 36530.955 ug/l

RT: 10.264 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

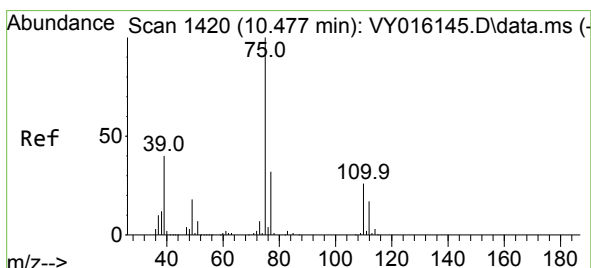
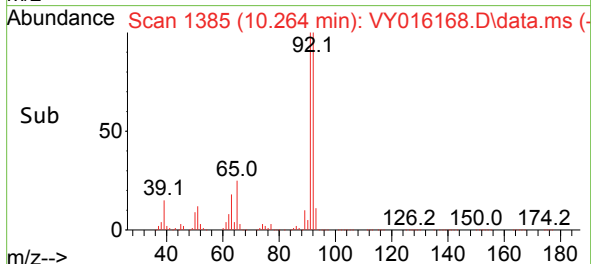
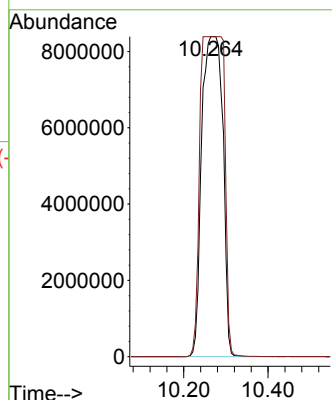
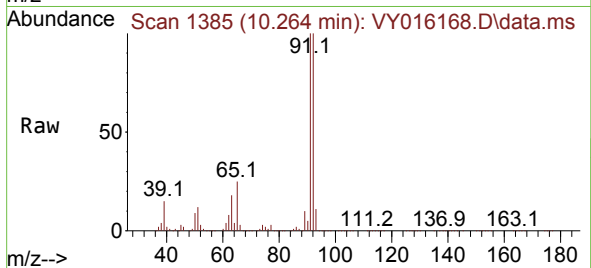
ClientSampleId :

Tgt Ion: 92 Resp:29025589

Ion Ratio Lower Upper

92 100

91 0.0 143.8 215.6#



#53

t-1,3-Dichloropropene

Concen: 1115.346 ug/l

RT: 10.258 min Scan# 1384

Delta R.T. -0.220 min

Lab File: VY016168.D

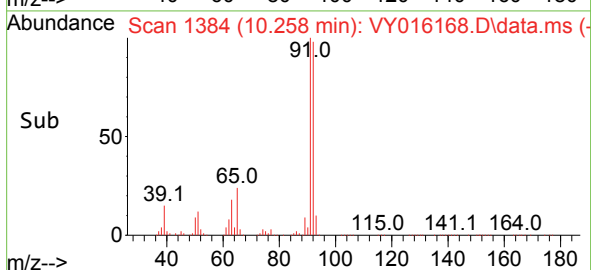
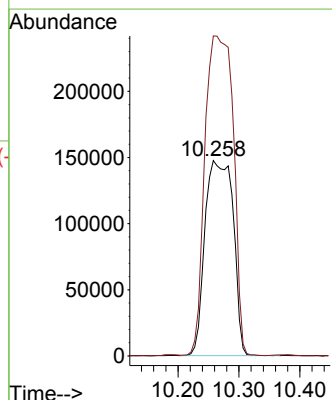
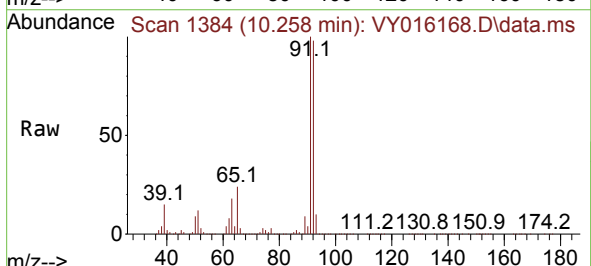
Acq: 01 Nov 2023 15:03

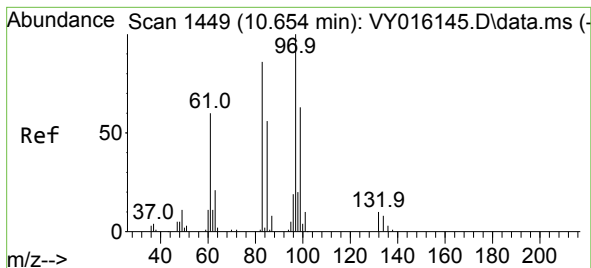
Tgt Ion: 75 Resp: 473360

Ion Ratio Lower Upper

75 100

77 163.6 25.0 37.4#





#55

1,1,2-Trichloroethane

Concen: 160.049 ug/l

RT: 10.630 min Scan# 1445

Delta R.T. -0.024 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 37671

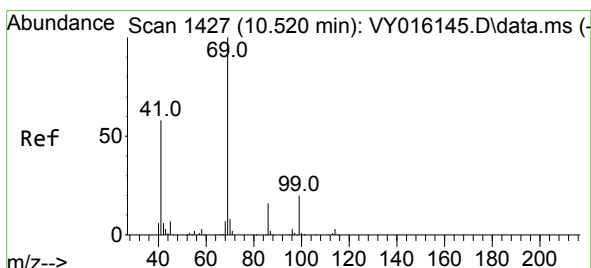
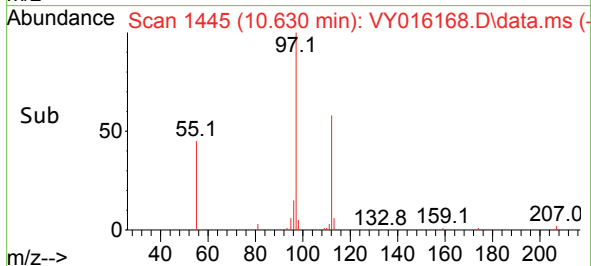
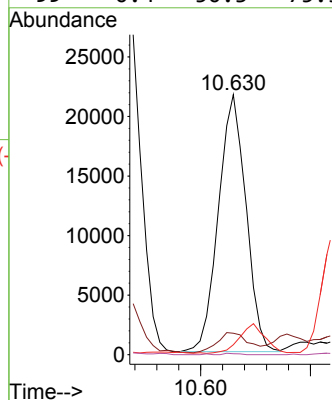
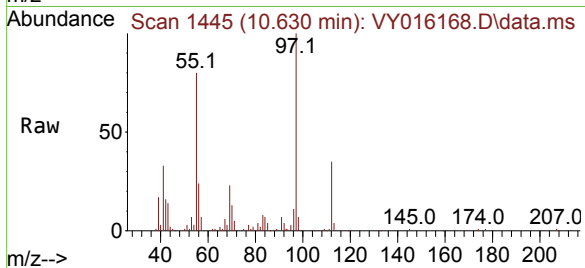
Ion Ratio Lower Upper

97 100

83 7.5 72.0 108.0#

85 2.9 45.4 68.0#

99 0.4 50.3 75.5#



#56

Ethyl methacrylate

Concen: 49.926 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

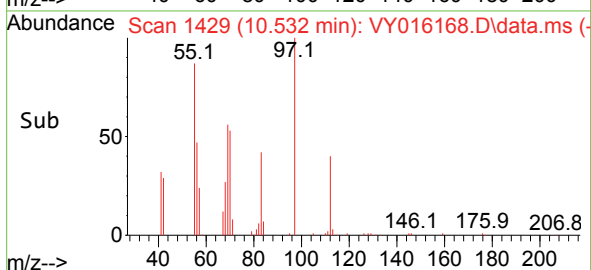
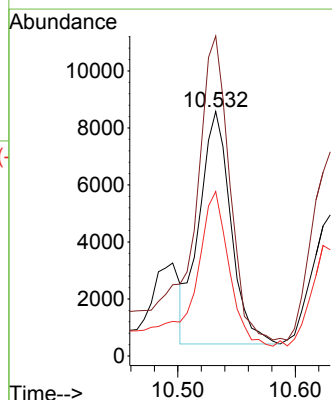
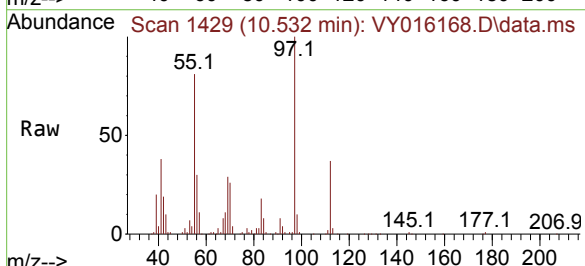
Tgt Ion: 69 Resp: 15261

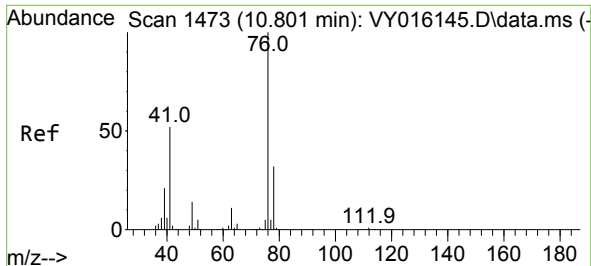
Ion Ratio Lower Upper

69 100

41 159.1 57.6 86.4#

39 0.0 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.819 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

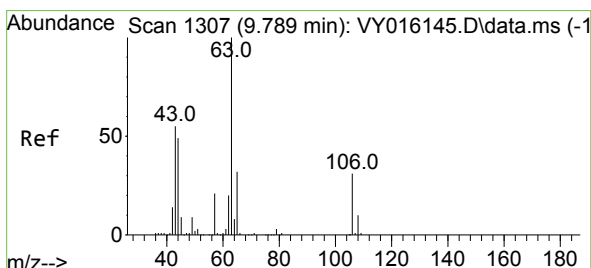
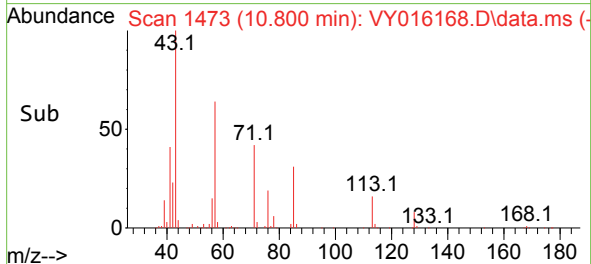
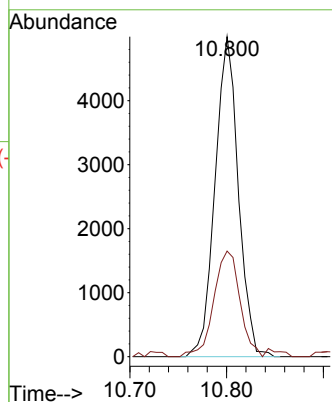
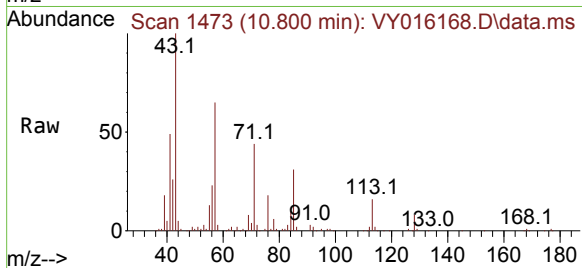
ClientSampleId :

Tgt Ion: 76 Resp: 8342

Ion Ratio Lower Upper

76 100

78 37.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 1579.806 ug/l

RT: 9.831 min Scan# 1314

Delta R.T. 0.043 min

Lab File: VY016168.D

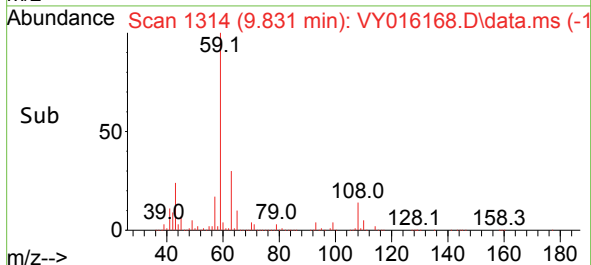
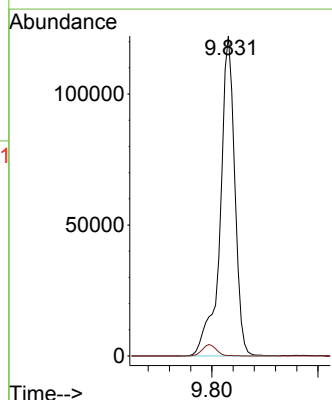
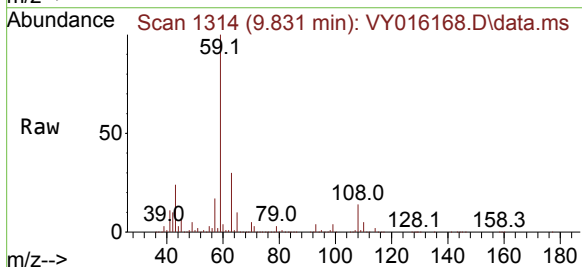
Acq: 01 Nov 2023 15:03

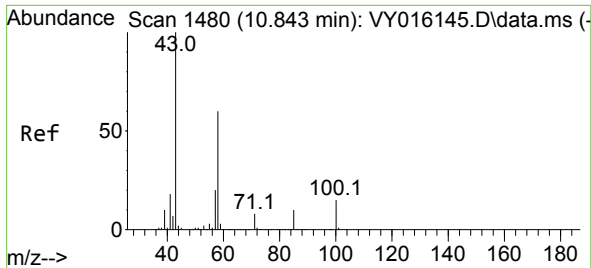
Tgt Ion: 63 Resp: 234165

Ion Ratio Lower Upper

63 100

106 0.0 21.2 31.8#

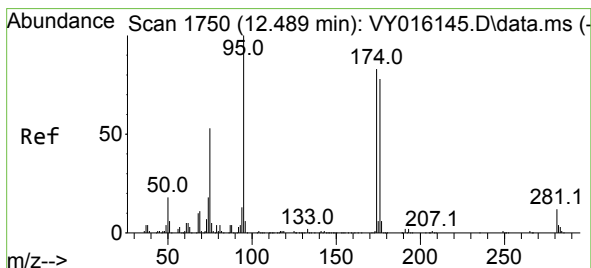
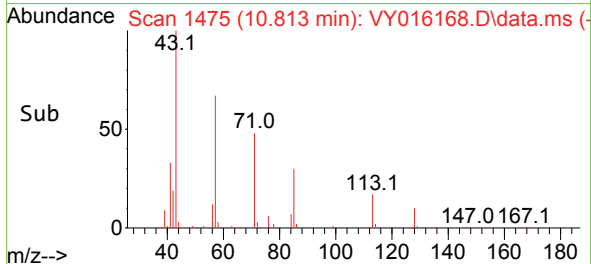
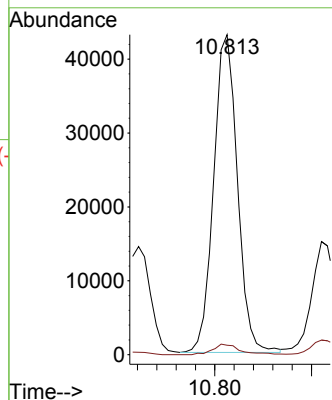
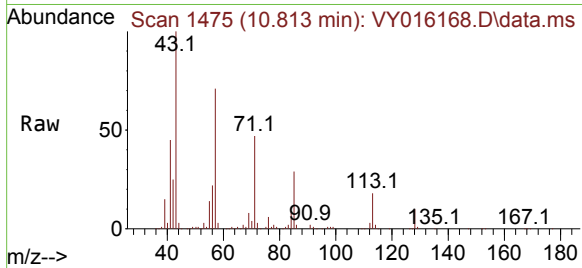




#59
2-Hexanone
Concen: 570.229 ug/l
RT: 10.813 min Scan# 1480
Delta R.T. -0.031 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

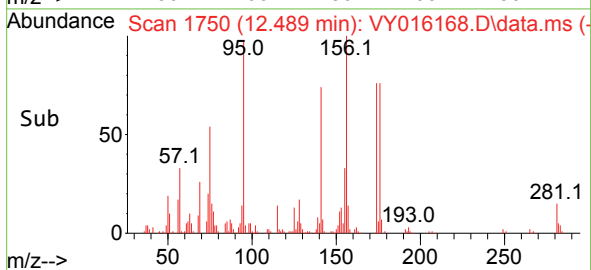
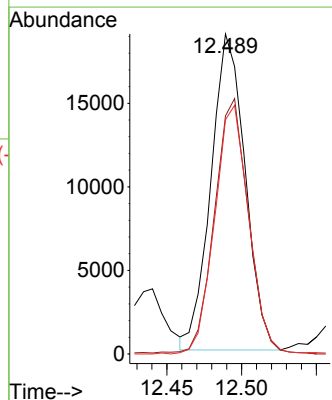
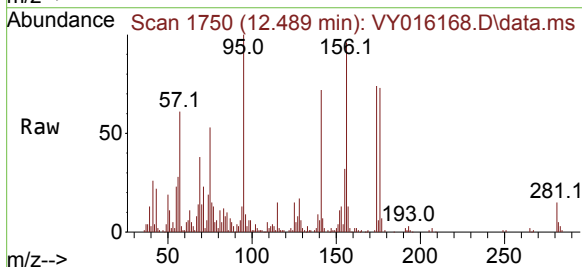
Instrument :
MSVOA_Y
ClientSampleId :

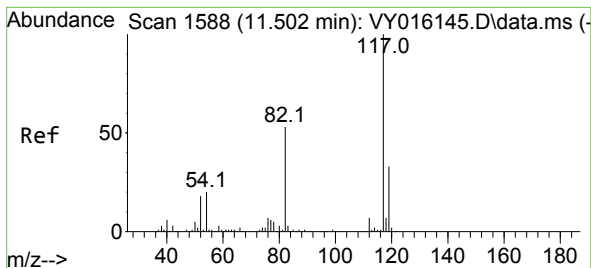
Tgt Ion: 43 Resp: 73366
Ion Ratio Lower Upper
43 100
58 3.8 25.1 75.3#



#62
4-Bromofluorobenzene
Concen: 74.910 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 95 Resp: 30039
Ion Ratio Lower Upper
95 100
174 80.6 0.0 178.2
176 79.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

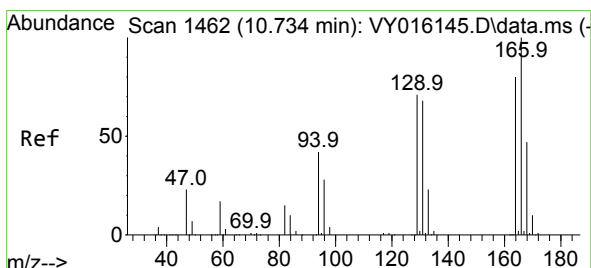
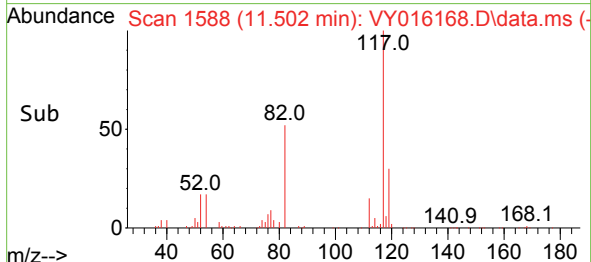
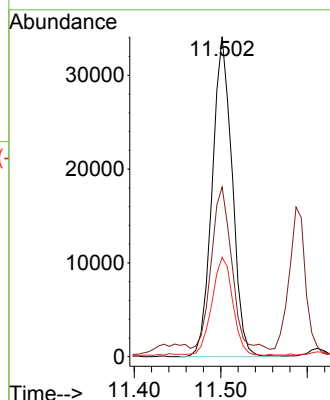
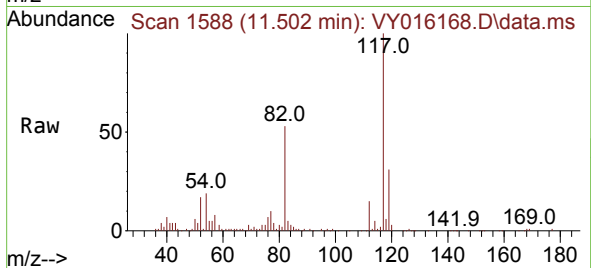
Tgt Ion:117 Resp: 54657

Ion Ratio Lower Upper

117 100

82 49.5 43.4 65.0

119 30.5 26.3 39.5



#64

Tetrachloroethene

Concen: 6.899 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Tgt Ion:164 Resp: 3354

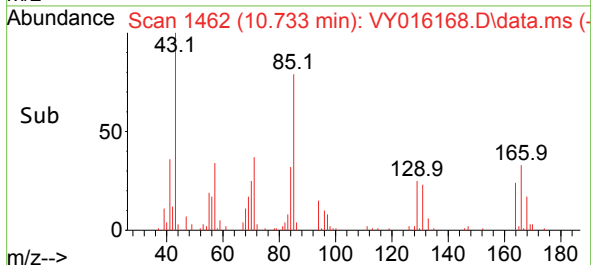
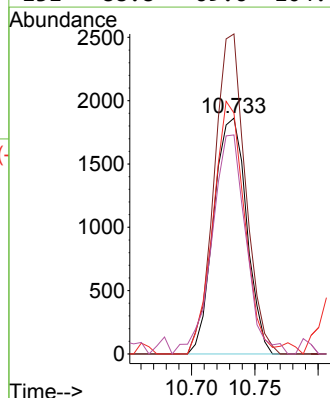
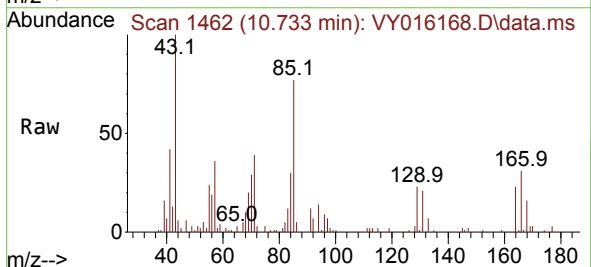
Ion Ratio Lower Upper

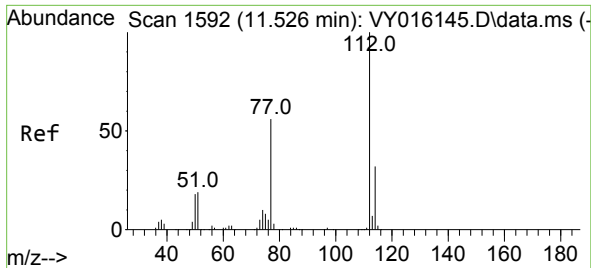
164 100

166 135.7 103.0 154.6

129 102.2 77.2 115.8

131 88.8 69.6 104.4

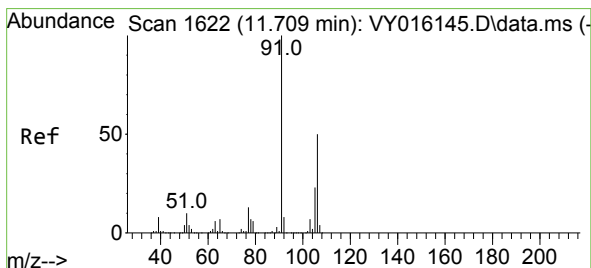
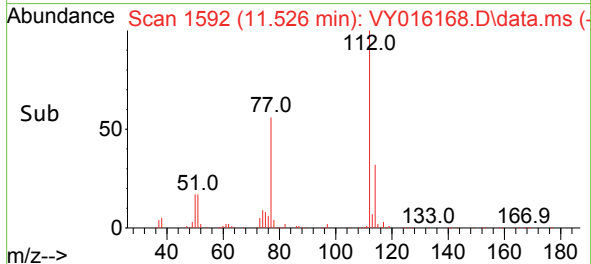
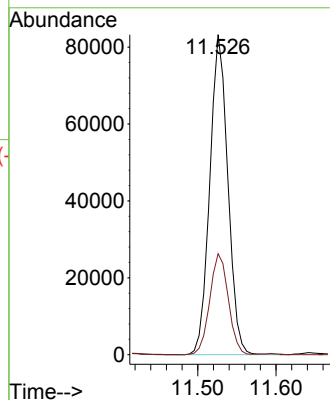
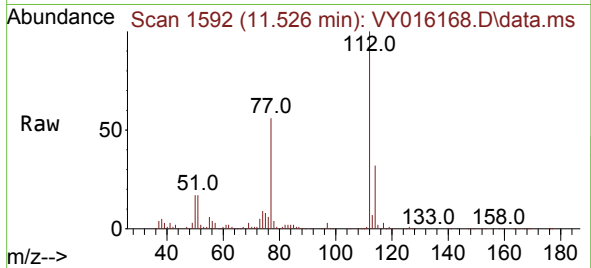




#65
Chlorobenzene
Concen: 122.591 ug/l
RT: 11.526 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

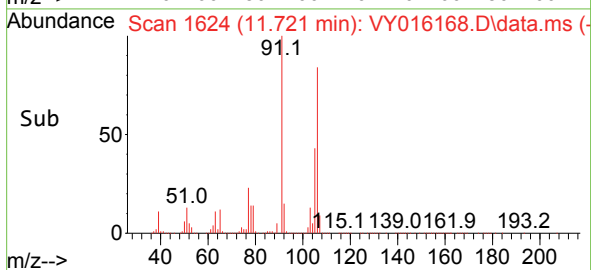
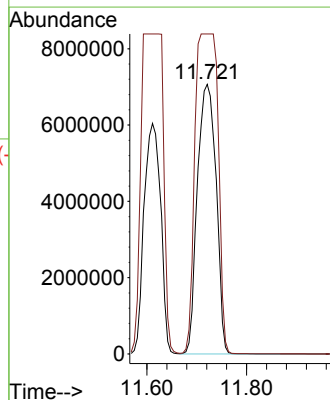
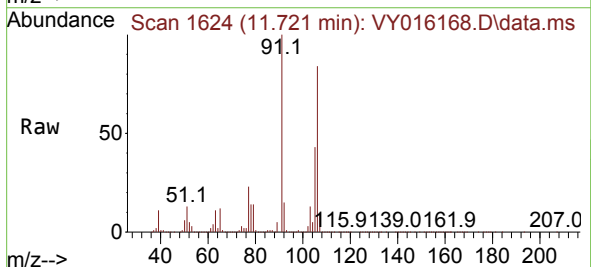
Instrument :
MSVOA_Y
ClientSampleId :

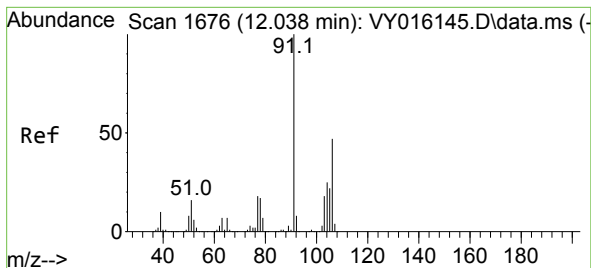
Tgt Ion:112 Resp: 133122
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#68
m/p-Xylenes
Concen: 24515.287 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.012 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion:106 Resp:18399325
Ion Ratio Lower Upper
106 100
91 0.0 166.1 249.1#

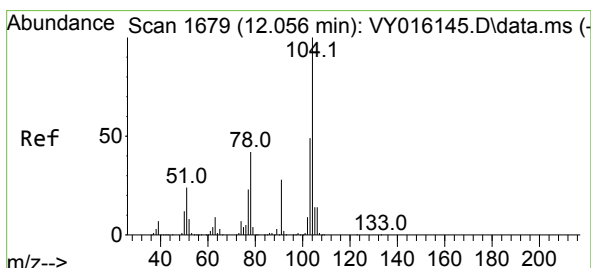
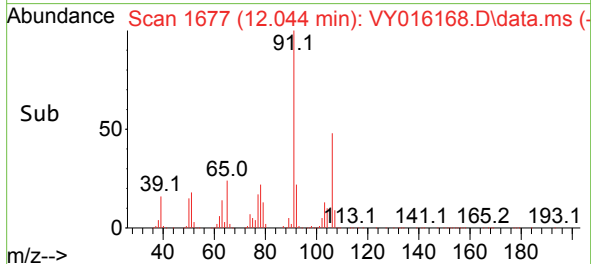
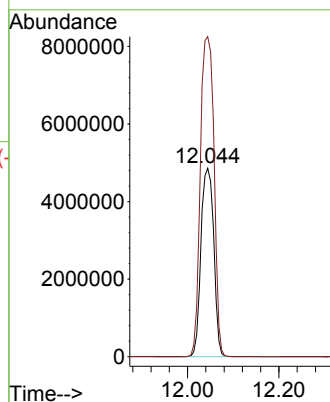
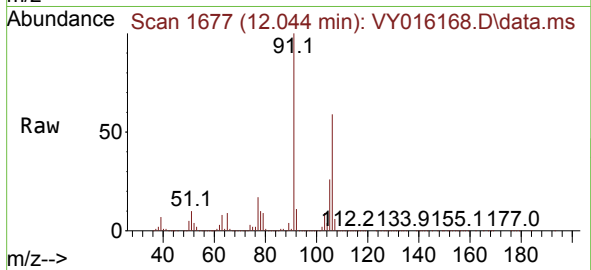




#69
o-Xylene
Concen: 13089.935 ug/l
RT: 12.044 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

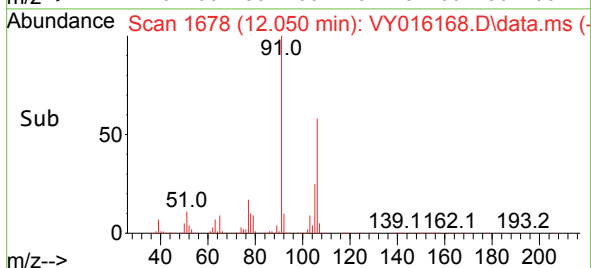
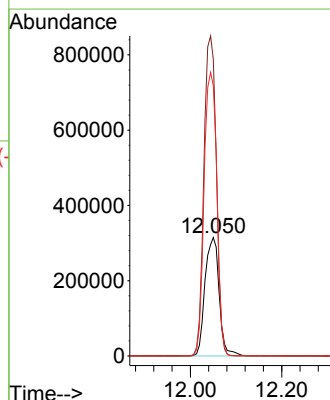
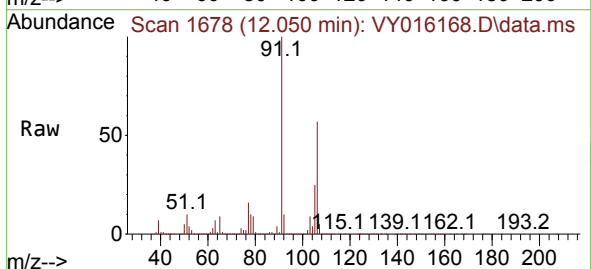
Instrument :
MSVOA_Y
ClientSampleId :

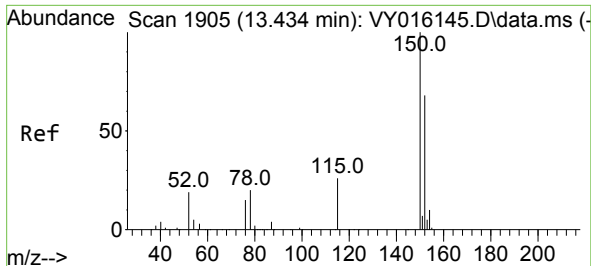
Tgt Ion:106 Resp: 9380102
Ion Ratio Lower Upper
106 100
91 181.9 108.1 324.3



#70
Styrene
Concen: 565.693 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion:104 Resp: 673891
Ion Ratio Lower Upper
104 100
78 236.9 41.5 62.3#
103 216.0 44.6 67.0#

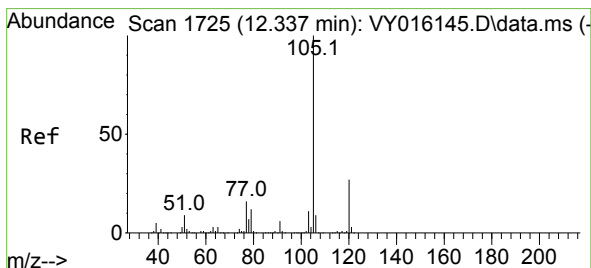
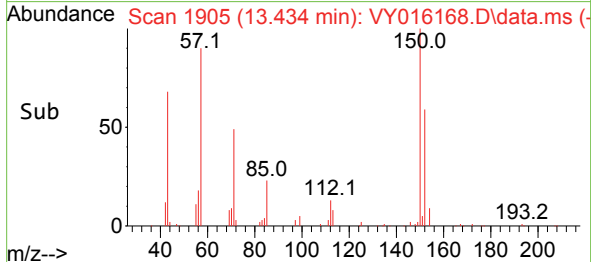
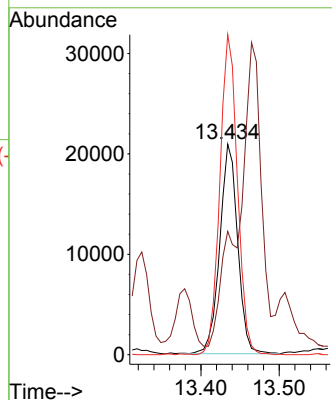
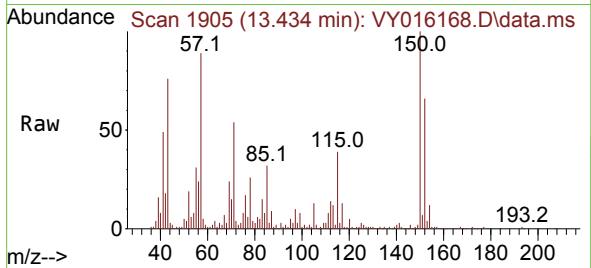




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

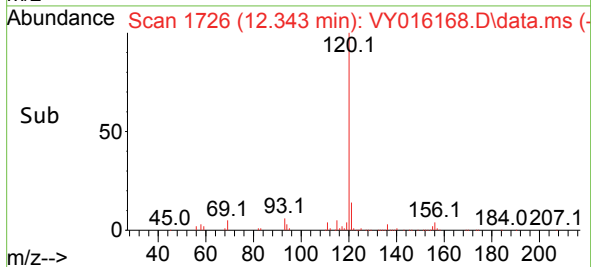
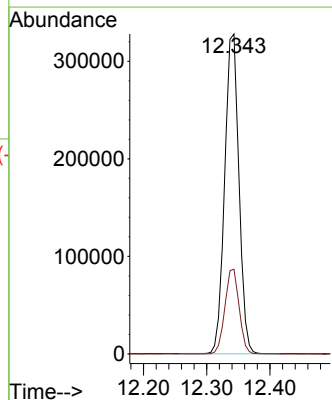
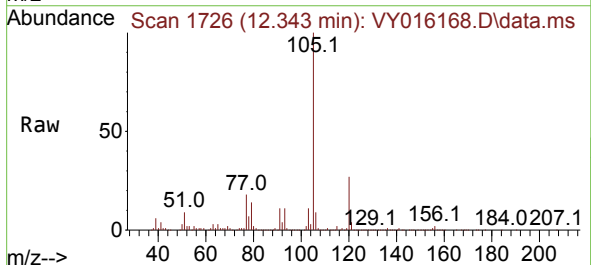
Instrument :
MSVOA_Y
ClientSampleId :

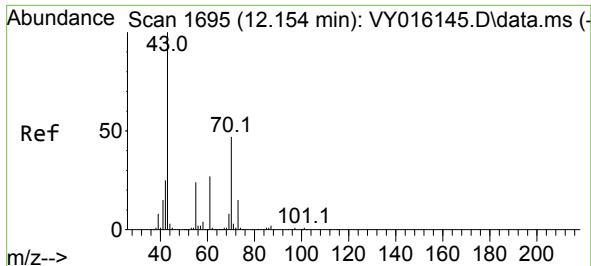
Tgt Ion:152 Resp: 33294
Ion Ratio Lower Upper
152 100
115 0.0 28.8 86.5#
150 149.4 0.0 348.8



#73
Isopropylbenzene
Concen: 204.259 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

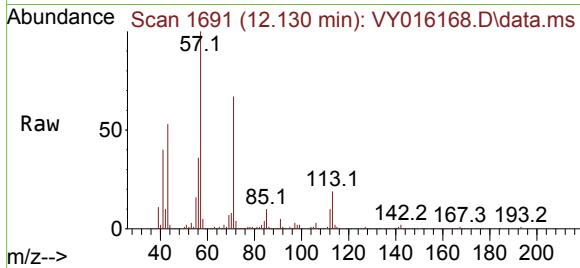
Tgt Ion:105 Resp: 510129
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



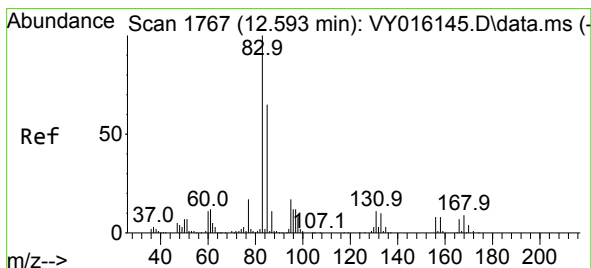
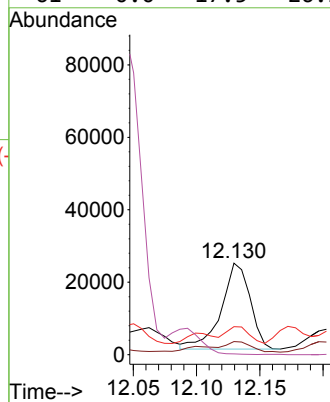
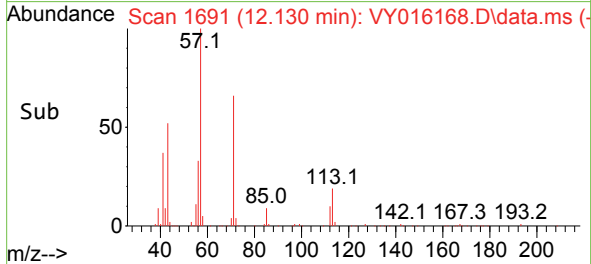


#74
N-amy1 acetate
Concen: 69.594 ug/l
RT: 12.130 min Scan# 1
Delta R.T. -0.024 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

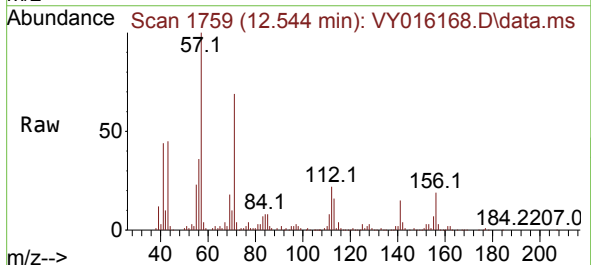
Instrument :
MSVOA_Y
ClientSampleId :



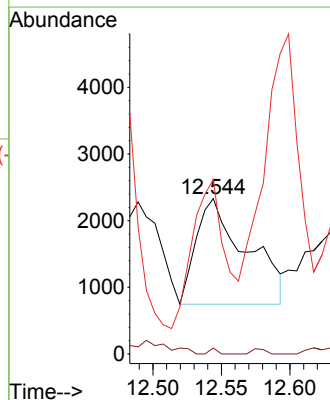
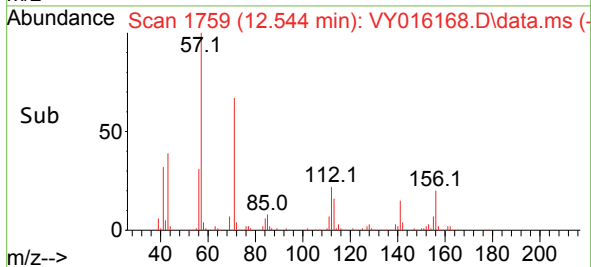
Tgt Ion: 43 Resp: 37770
Ion Ratio Lower Upper
43 100
70 10.4 29.7 44.5#
55 15.1 18.3 27.5#
61 0.0 17.5 26.3#

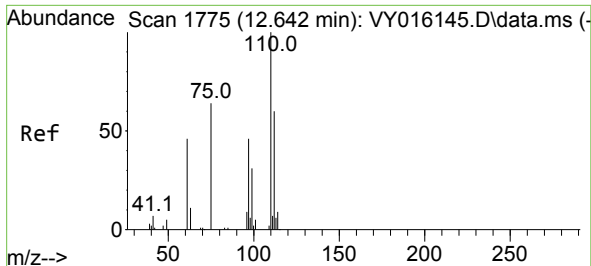


#75
1,1,2,2-Tetrachloroethane
Concen: 10.146 ug/l
RT: 12.544 min Scan# 1759
Delta R.T. -0.049 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03



Tgt Ion: 83 Resp: 4032
Ion Ratio Lower Upper
83 100
131 0.8 5.4 16.2#
85 92.1 31.8 95.4

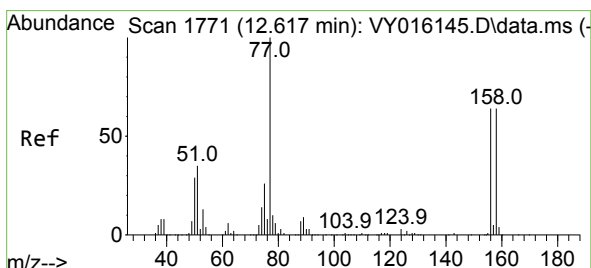
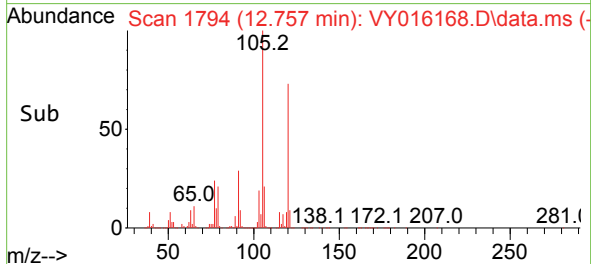
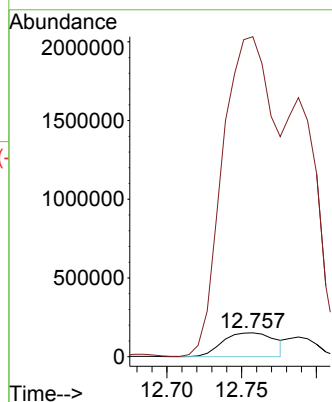
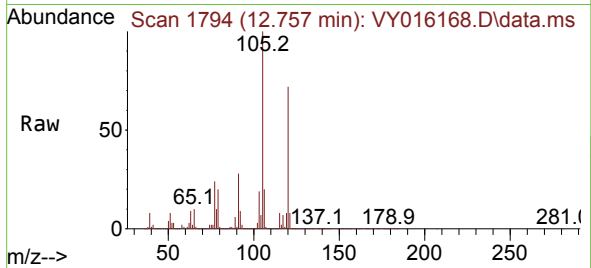




#76
1,2,3-Trichloropropane
Concen: 1170.886 ug/l
RT: 12.757 min Scan# 1775
Delta R.T. 0.116 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

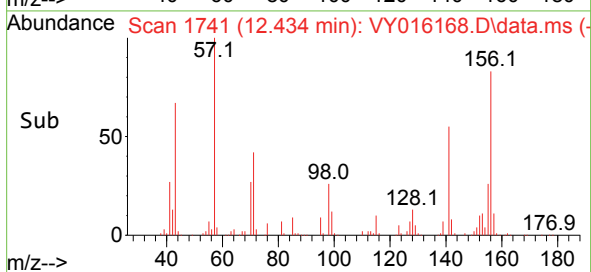
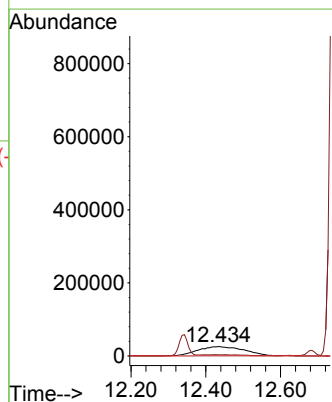
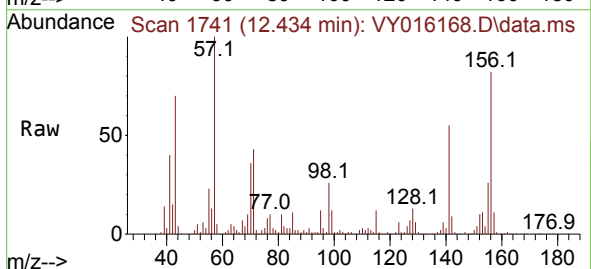
Instrument :
MSVOA_Y
ClientSampleId :

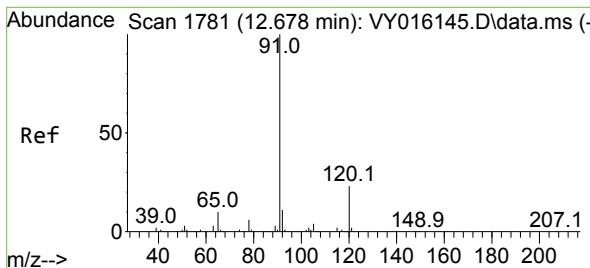
Tgt Ion: 75 Resp: 367112
Ion Ratio Lower Upper
75 100
77 1330.7 0.0 0.0#



#77
Bromobenzene
Concen: 382.280 ug/l
RT: 12.434 min Scan# 1741
Delta R.T. -0.183 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 156 Resp: 216183
Ion Ratio Lower Upper
156 100
77 0.0 92.8 278.6#
158 0.1 48.4 145.3#





#78

n-propylbenzene

Concen: 203.674 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

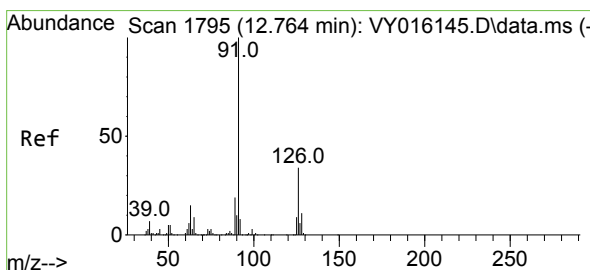
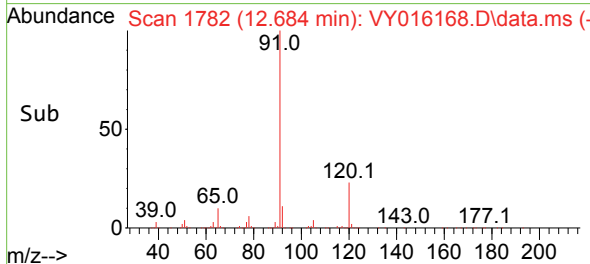
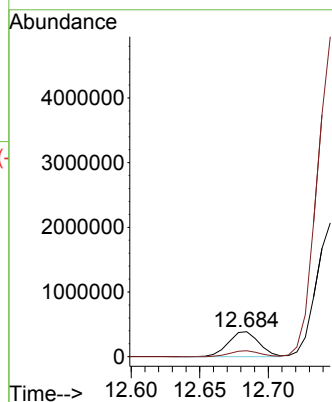
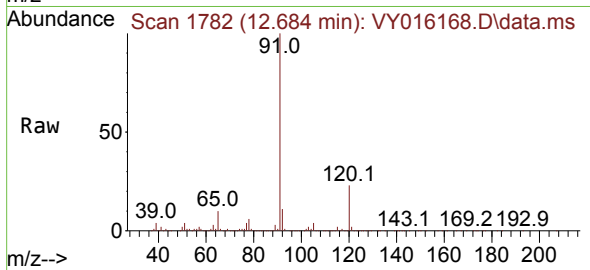
ClientSampleId :

Tgt Ion: 91 Resp: 601382

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#



#79

2-Chlorotoluene

Concen: 3354.356 ug/l

RT: 12.757 min Scan# 1794

Delta R.T. -0.006 min

Lab File: VY016168.D

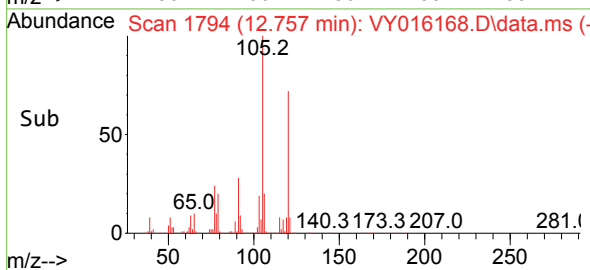
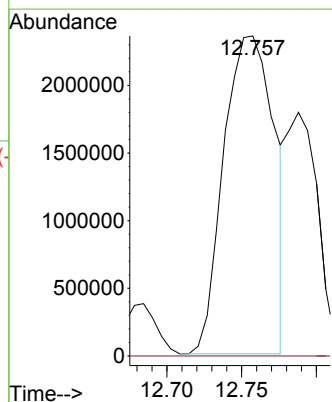
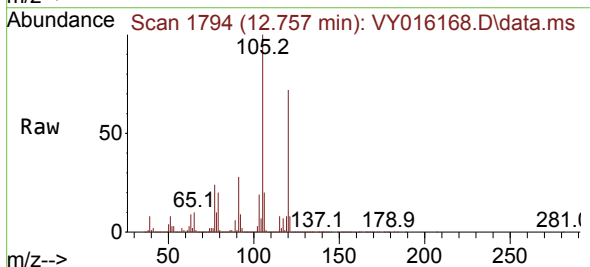
Acq: 01 Nov 2023 15:03

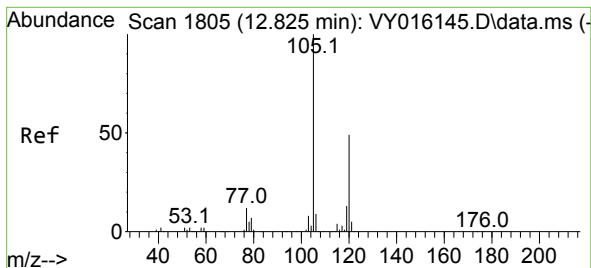
Tgt Ion: 91 Resp: 5524074

Ion Ratio Lower Upper

91 100

126 0.0 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 337.906 ug/l

RT: 12.983 min Scan# 1831

Delta R.T. 0.158 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

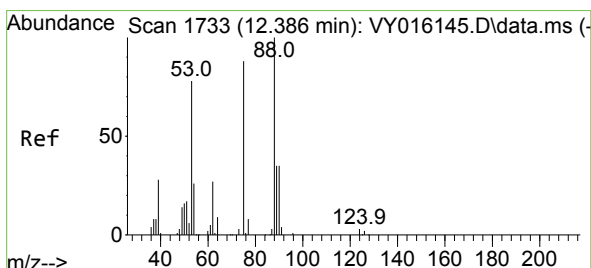
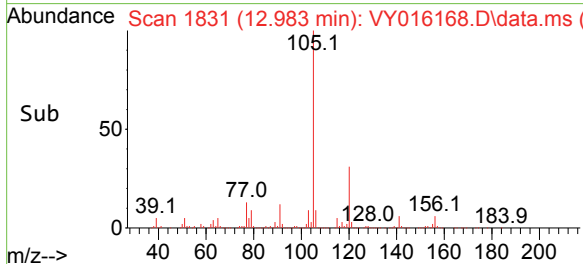
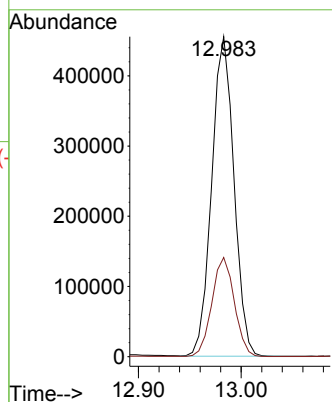
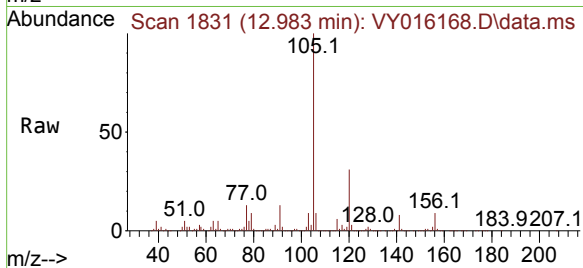
ClientSampleId :

Tgt Ion:105 Resp: 683708

Ion Ratio Lower Upper

105 100

120 0.0 23.9 71.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 42.931 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. -0.043 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

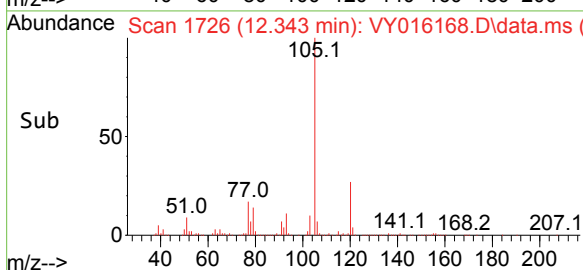
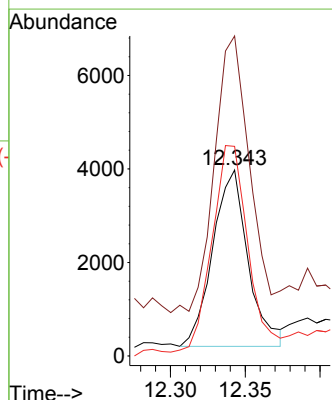
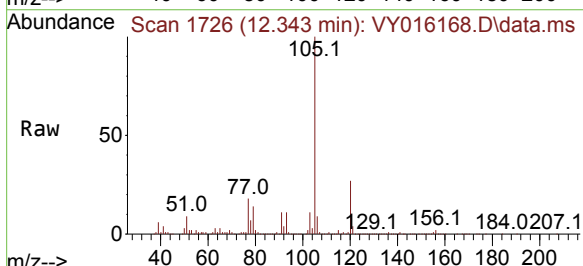
Tgt Ion: 75 Resp: 6208

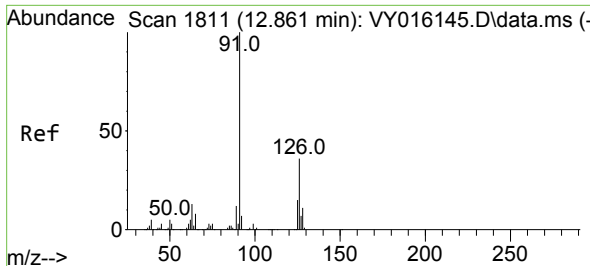
Ion Ratio Lower Upper

75 100

53 155.6 77.8 116.8#

89 119.1 37.4 56.0#

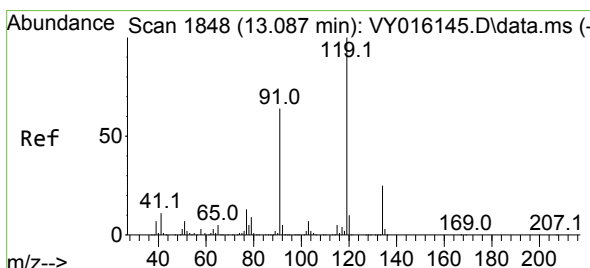
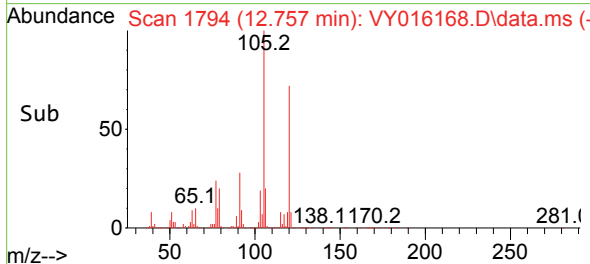
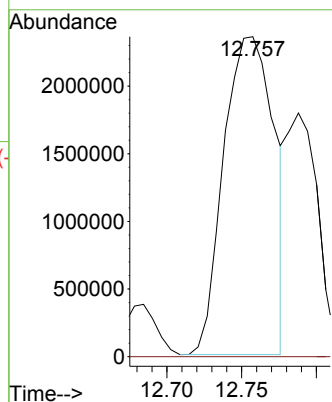
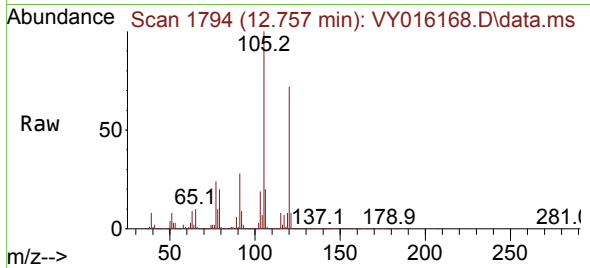




#82
4-Chlorotoluene
Concen: 3266.593 ug/l
RT: 12.757 min Scan# 11
Delta R.T. -0.104 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

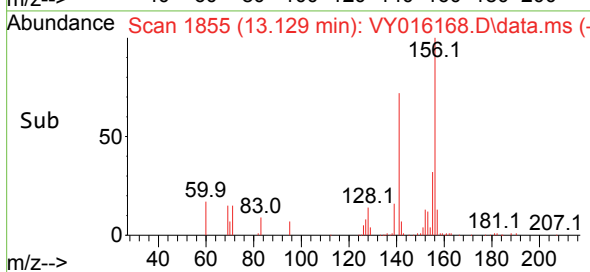
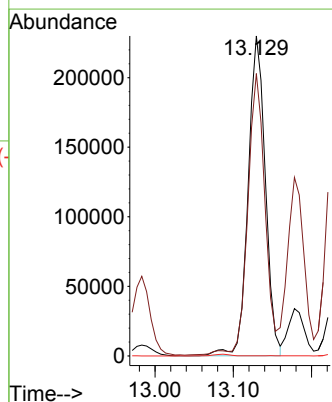
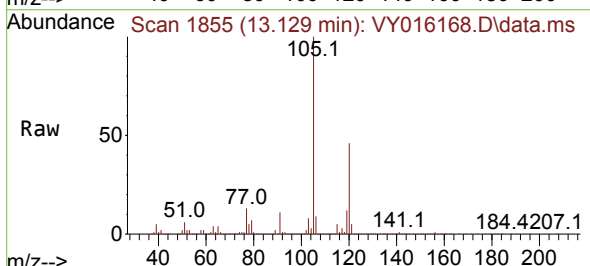
Instrument :
MSVOA_Y
ClientSampleId :

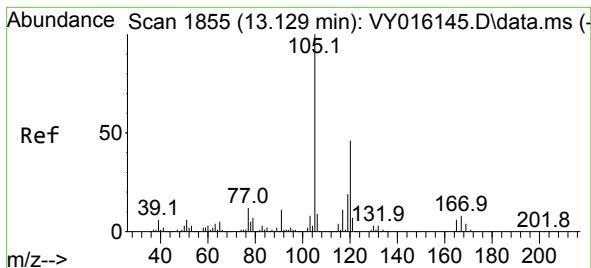
Tgt Ion: 91 Resp: 5524074
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 194.600 ug/l
RT: 13.129 min Scan# 1855
Delta R.T. 0.043 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 119 Resp: 352310
Ion Ratio Lower Upper
119 100
91 83.0 32.9 98.6
134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 1395.730 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

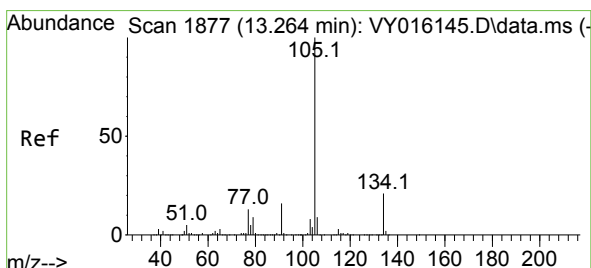
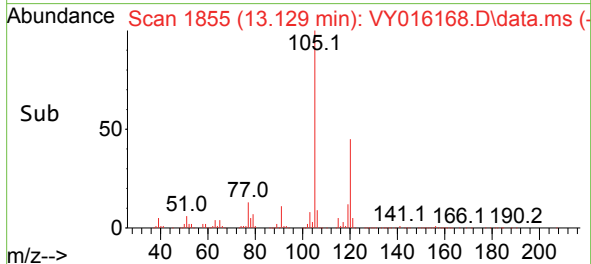
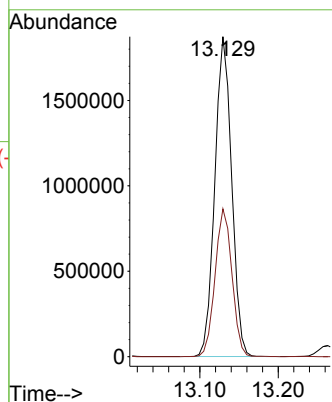
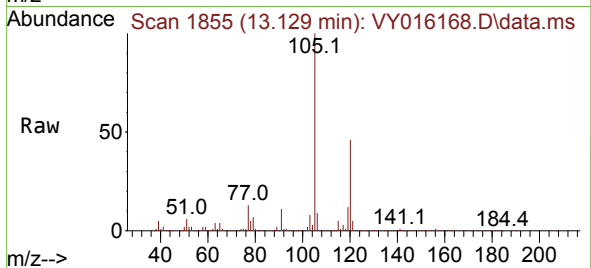
ClientSampleId :

Tgt Ion:105 Resp: 2794427

Ion Ratio Lower Upper

105 100

120 46.5 22.2 66.6



#85

sec-Butylbenzene

Concen: 36.569 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016168.D

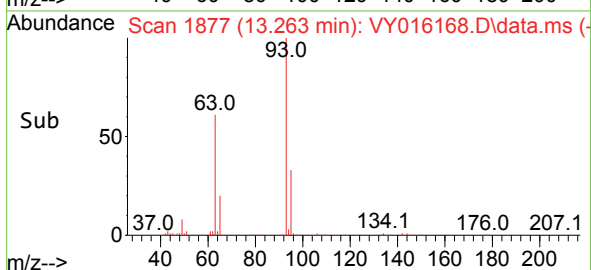
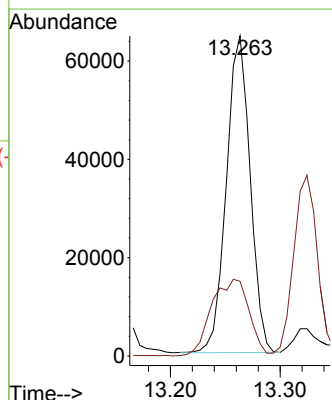
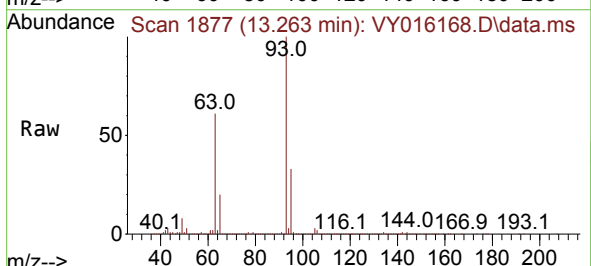
Acq: 01 Nov 2023 15:03

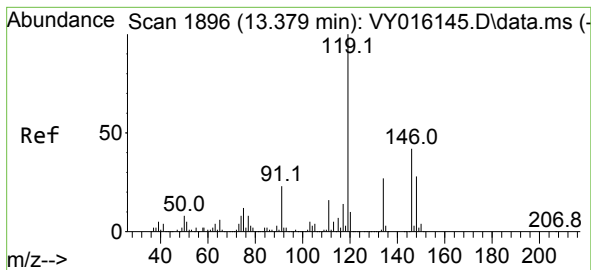
Tgt Ion:105 Resp: 97170

Ion Ratio Lower Upper

105 100

134 38.1 10.2 30.6#

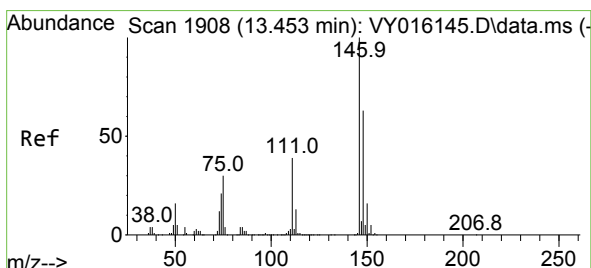
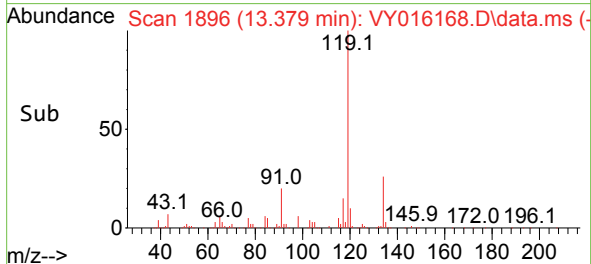
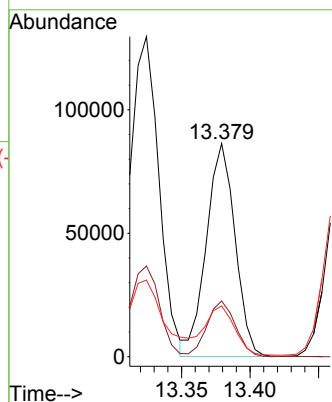
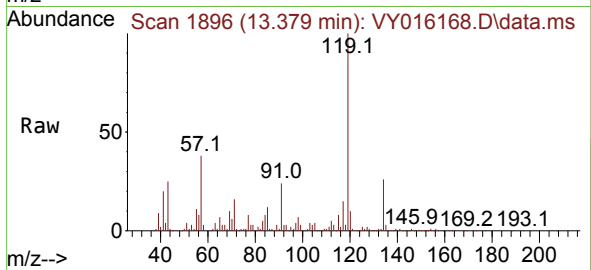




#86
 p-Isopropyltoluene
 Concen: 57.043 ug/l
 RT: 13.379 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VY016168.D
 Acq: 01 Nov 2023 15:03

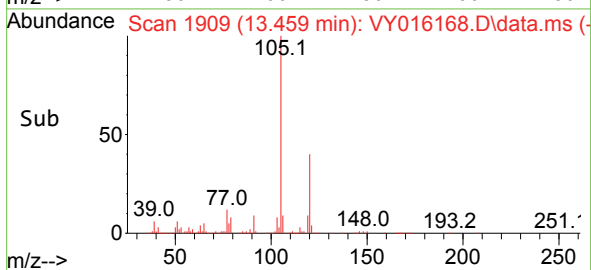
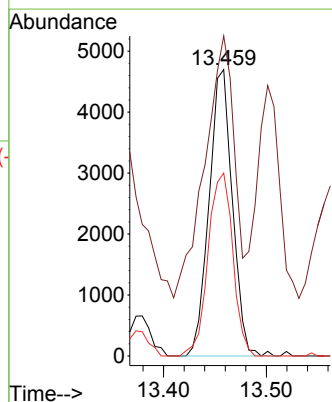
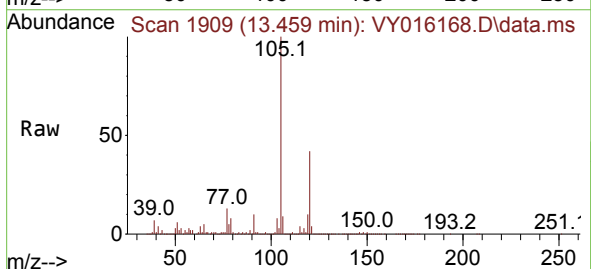
Instrument :
 MSVOA_Y
 ClientSampleId :

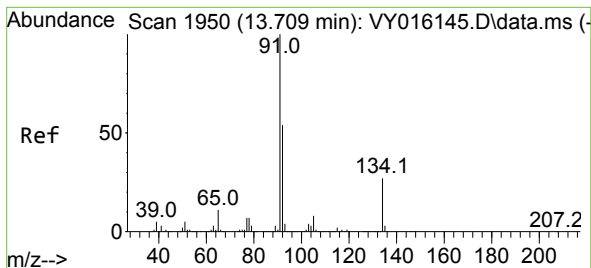
Tgt Ion:119 Resp: 125625
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 24.4 12.4 37.4



#88
 1,4-Dichlorobenzene
 Concen: 6.692 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016168.D
 Acq: 01 Nov 2023 15:03

Tgt Ion:146 Resp: 7397
 Ion Ratio Lower Upper
 146 100
 111 113.7 18.9 56.7#
 148 67.6 32.1 96.5

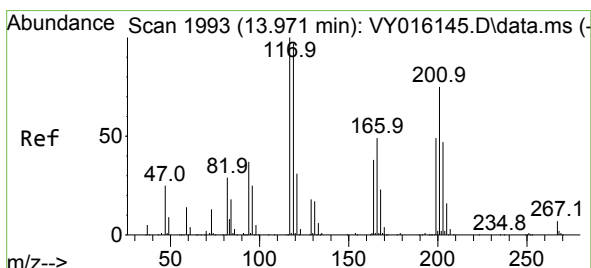
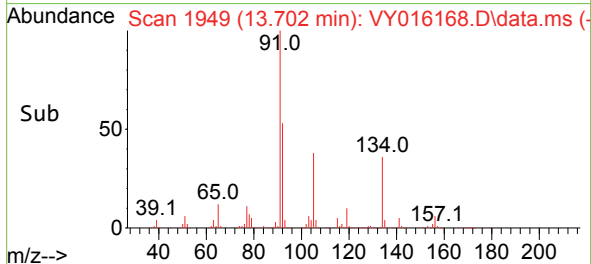
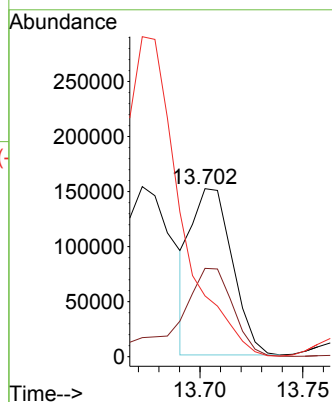
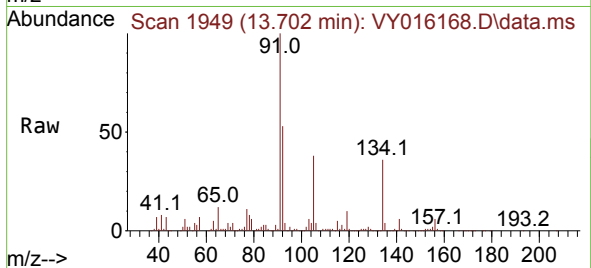




#89
n-Butylbenzene
Concen: 103.288 ug/l
RT: 13.702 min Scan# 1949
Delta R.T. -0.006 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

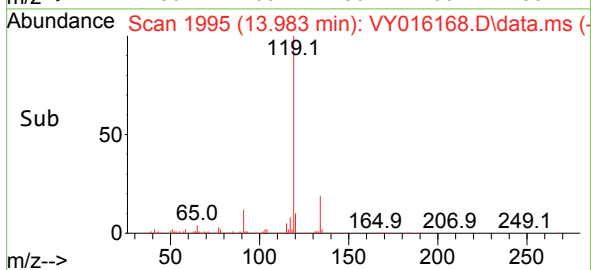
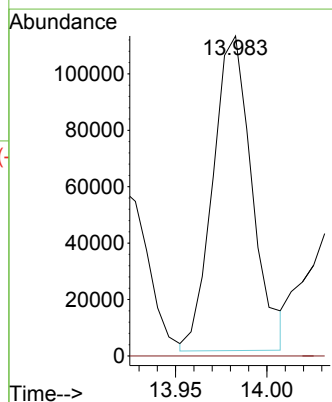
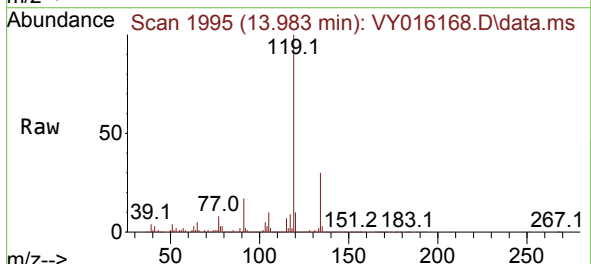
Instrument :
MSVOA_Y
ClientSampleId :

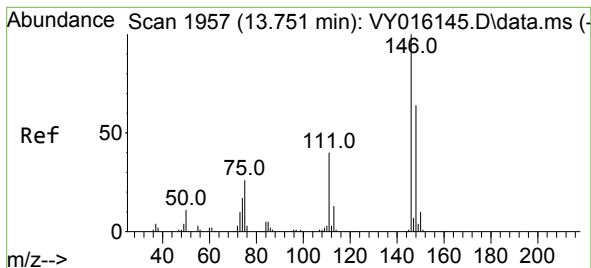
Tgt Ion: 91 Resp: 209007
Ion Ratio Lower Upper
91 100
92 70.9 25.4 76.0
134 0.0 12.6 37.6#



#90
Hexachloroethane
Concen: 438.967 ug/l
RT: 13.983 min Scan# 1995
Delta R.T. 0.012 min
Lab File: VY016168.D
Acq: 01 Nov 2023 15:03

Tgt Ion: 117 Resp: 166595
Ion Ratio Lower Upper
117 100
201 0.0 41.6 124.8#





#91

1,2-Dichlorobenzene

Concen: 100.759 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

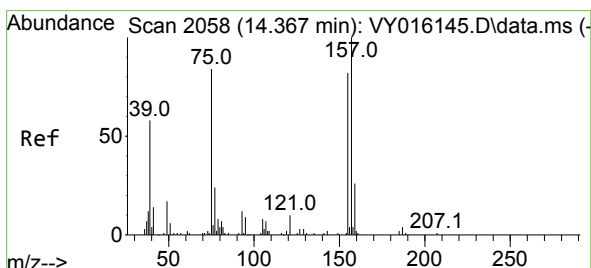
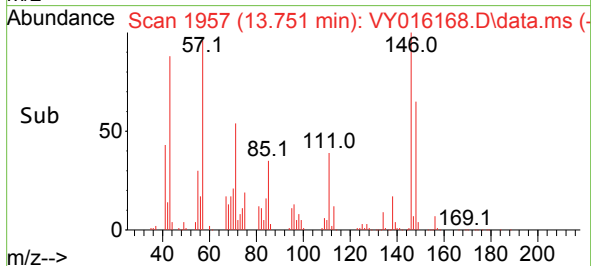
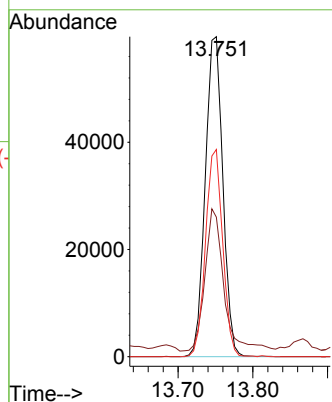
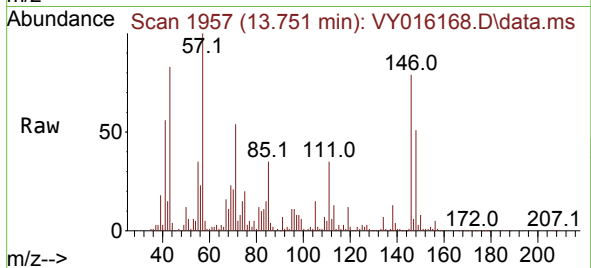
Tgt Ion:146 Resp: 97366

Ion Ratio Lower Upper

146 100

111 49.4 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 85.064 ug/l

RT: 14.385 min Scan# 2061

Delta R.T. 0.018 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

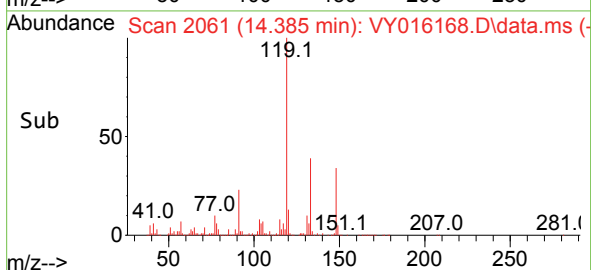
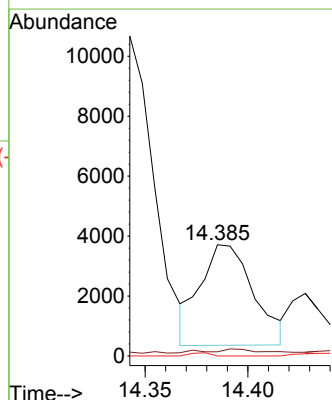
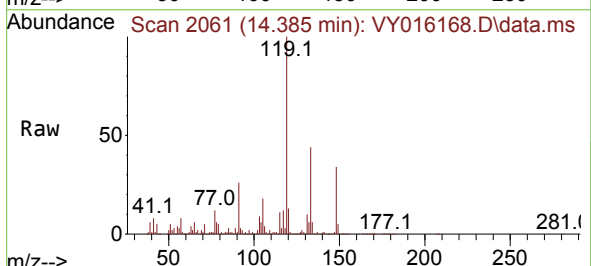
Tgt Ion: 75 Resp: 6050

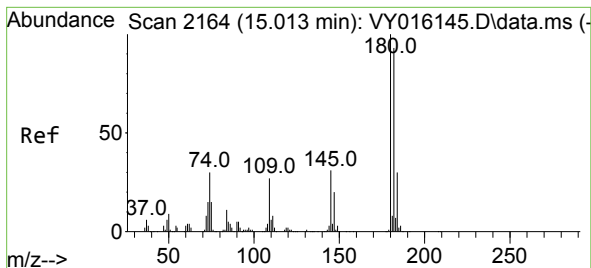
Ion Ratio Lower Upper

75 100

155 3.7 41.5 124.6#

157 1.2 51.8 155.5#





#93

1,2,4-Trichlorobenzene

Concen: 16.885 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.000 min

Lab File: VY016168.D

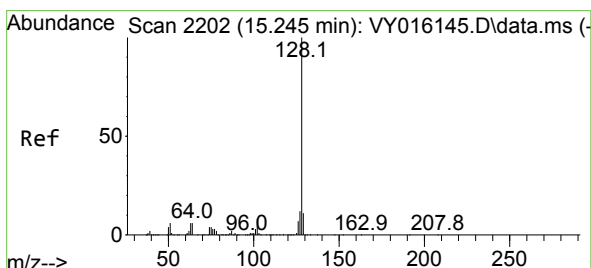
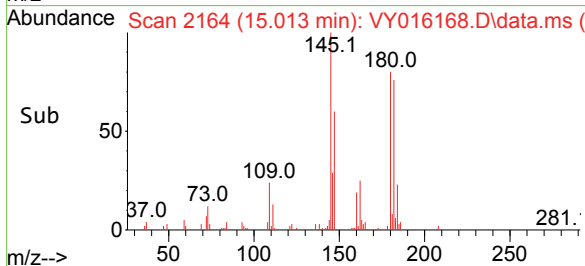
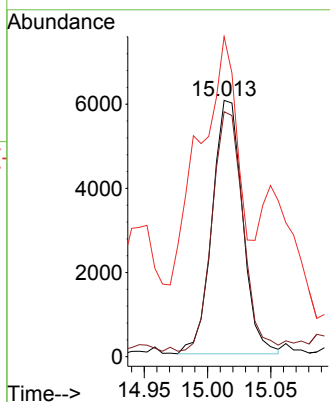
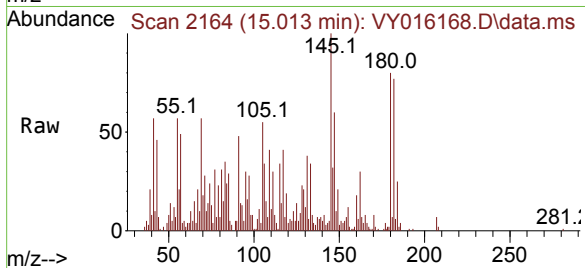
Acq: 01 Nov 2023 15:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	10071
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.0 141.2
145	143.2	14.5 43.5#



#95

Naphthalene

Concen: 1641.395 ug/l

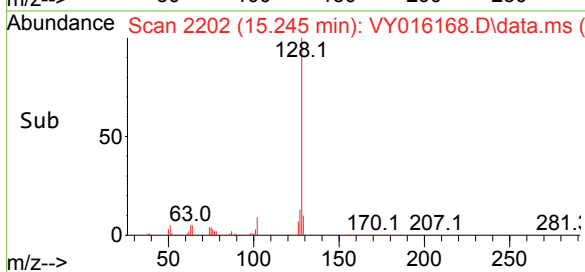
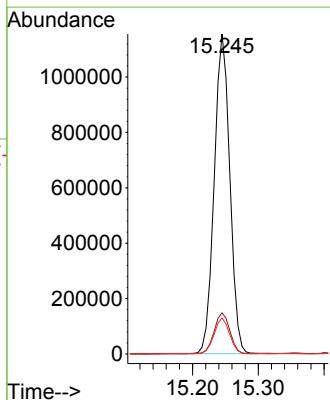
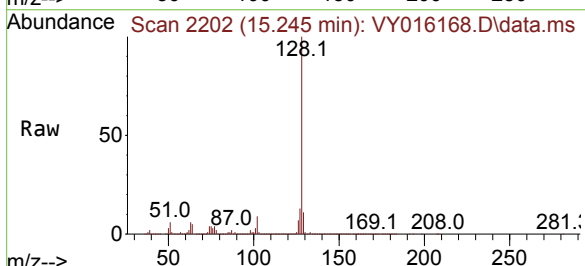
RT: 15.245 min Scan# 2202

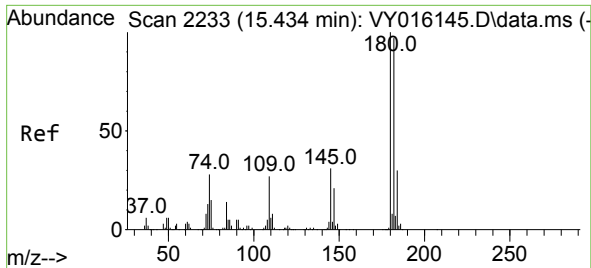
Delta R.T. -0.000 min

Lab File: VY016168.D

Acq: 01 Nov 2023 15:03

Tgt Ion:128	Resp:	1901862
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.8 16.2
129	11.0	8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 9.280 ug/l
 RT: 15.434 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY016168.D
 Acq: 01 Nov 2023 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:180 Resp: 4728
 Ion Ratio Lower Upper
 180 100
 182 59.6 47.3 141.8
 145 0.0 15.4 46.2#

