

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015198.D
 Acq On : 18 Aug 2023 16:12
 Operator : SY/MD
 Sample : 04086-09
 Misc : 5.05g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 18 23:12:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	190985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	332491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	322999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	173826	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	120204	52.431	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.860%	
35) Dibromofluoromethane	7.709	113	104108	48.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.340%	
50) Toluene-d8	10.179	98	382745	48.067	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.140%	
62) 4-Bromofluorobenzene	12.477	95	166651	57.301	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.600%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	73	Below Cal	#	43
3) Chloromethane	2.107	50	482	Below Cal		89
5) Bromomethane	2.655	94	294	Below Cal		87
11) Tert butyl alcohol	4.942	59	944	Below Cal	#	89
13) Acrolein	3.917	56	72	Below Cal	#	14
16) Acetone	3.942	43	12372	16.519	ug/l #	84
17) Carbon Disulfide	4.192	76	3489	1.492	ug/l #	94
20) Methylene Chloride	4.704	84	42816	21.369	ug/l	95
25) 2-Butanone	6.984	43	3775	3.560	ug/l #	72
26) 2,2-Dichloropropane	6.978	77	4690	1.528	ug/l #	54
29) Tetrahydrofuran	7.344	42	5029	7.931	ug/l #	57
31) Cyclohexane	7.770	56	8661	1.766	ug/l #	62
36) 1,1-Dichloropropene	7.789	75	13549	5.725	ug/l #	52
37) Ethyl Acetate	6.984	43	3775	1.711	ug/l #	74
38) Carbon Tetrachloride	7.783	117	19081	6.813	ug/l #	16
39) Methylcyclohexane	9.173	83	4038	1.522	ug/l	92
41) Methacrylonitrile	7.356	41	8836	7.768	ug/l #	39
52) Toluene	10.239	92	224382	47.582	ug/l	94
59) 2-Hexanone	10.800	43	2502	1.452	ug/l #	33
67) Ethyl Benzene	11.593	91	227987	22.111	ug/l	99
68) m/p-Xylenes	11.697	106	371815	94.942	ug/l	96
69) o-Xylene	12.026	106	157730	40.430	ug/l	99
70) Styrene	12.026	104	7904	1.171	ug/l #	1
73) Isopropylbenzene	12.331	105	44943	4.021	ug/l	98
76) 1,2,3-Trichloropropane	12.733	75	5905	2.796	ug/l #	100
77) Bromobenzene	12.379	156	82232	30.182	ug/l #	1
78) n-propylbenzene	12.672	91	263089	19.821	ug/l	100
79) 2-Chlorotoluene	12.733	91	88081	11.503	ug/l #	40
80) 1,3,5-Trimethylbenzene	12.812	105	308681	33.130	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.477	75	85378	88.799	ug/l #	11
82) 4-Chlorotoluene	12.812	91	32952	4.166	ug/l #	40
83) tert-Butylbenzene	13.117	119	164479	19.300	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.117	105	1372871	147.456	ug/l	98
85) sec-Butylbenzene	13.117	105	1372871	109.945	ug/l #	56
86) p-Isopropyltoluene	13.312	119	39215	3.788	ug/l	97
89) n-Butylbenzene	13.690	91	68070	6.973	ug/l #	71

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Quant Title : SW846 8260
QLast Update : Mon Aug 14 12:43:26 2023
Response via : Initial Calibration

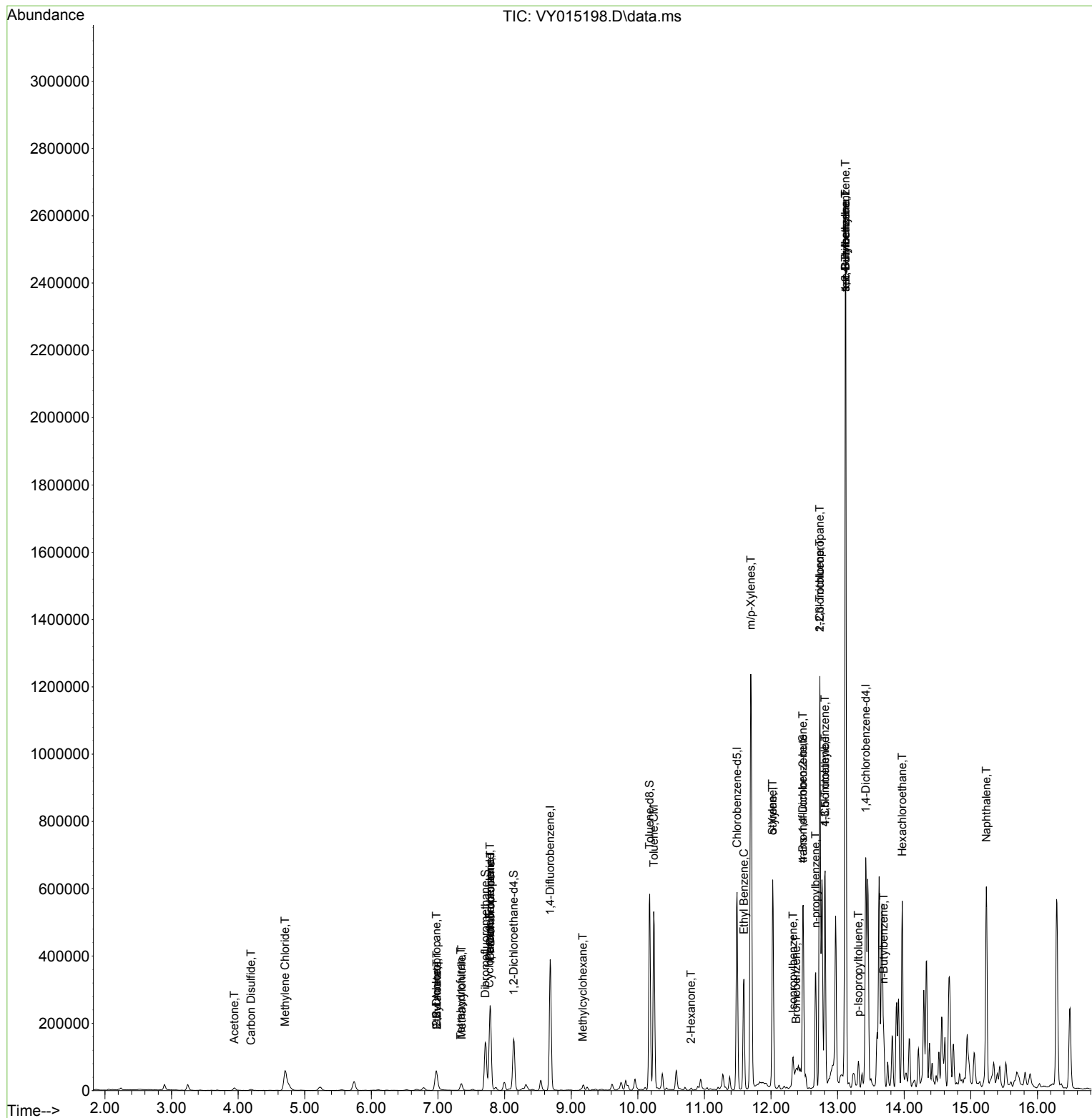
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.970	117	25183	12.262	ug/l #	8
95) Naphthalene	15.232	128	470206	58.240	ug/l	99

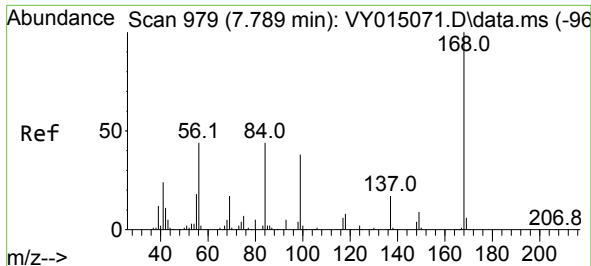
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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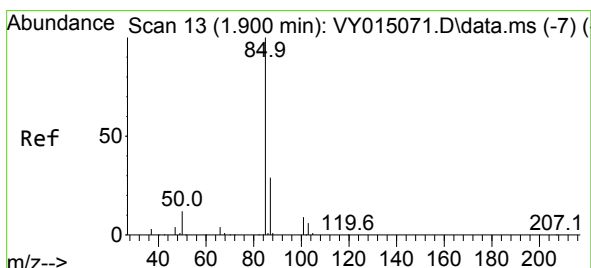
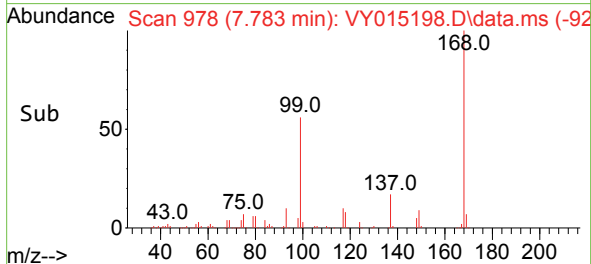
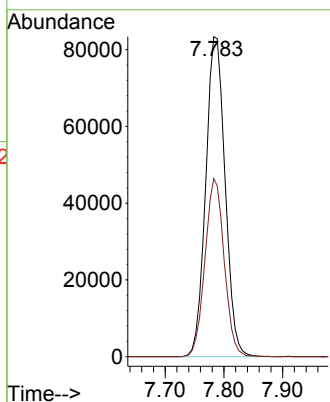
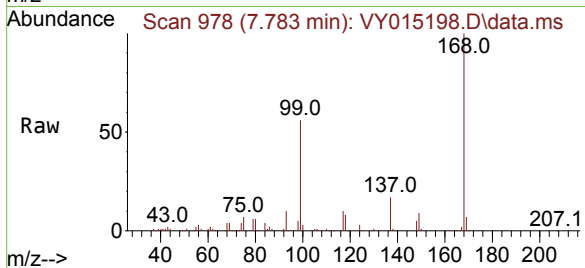




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

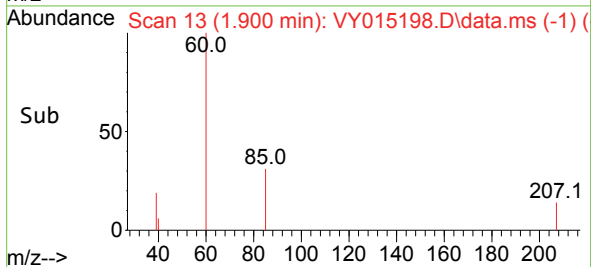
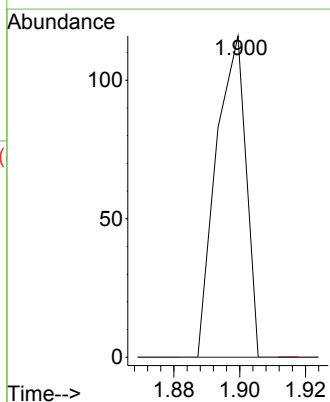
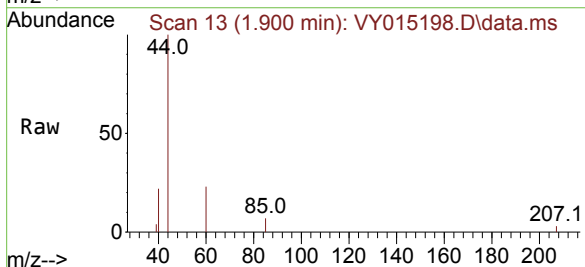
Instrument :
MSVOA_Y
ClientSampleId :

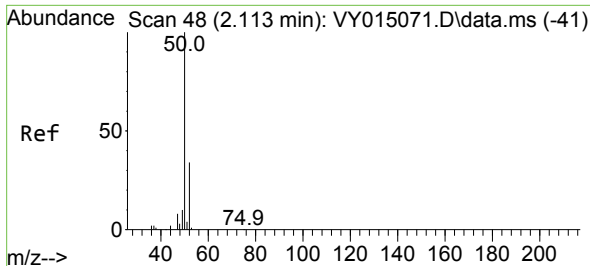
Tgt Ion:168 Resp: 190985
Ion Ratio Lower Upper
168 100
99 55.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 85 Resp: 73
Ion Ratio Lower Upper
85 100
87 0.0 15.6 46.8#

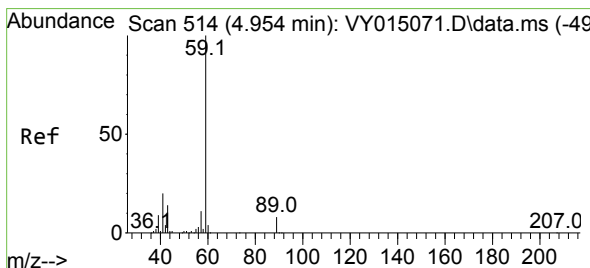
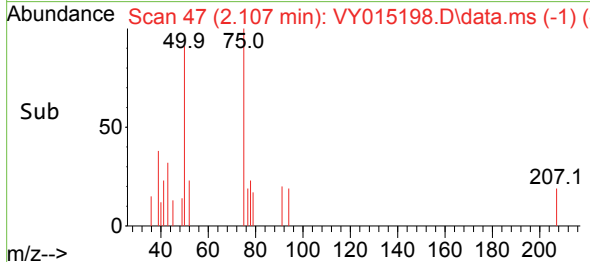
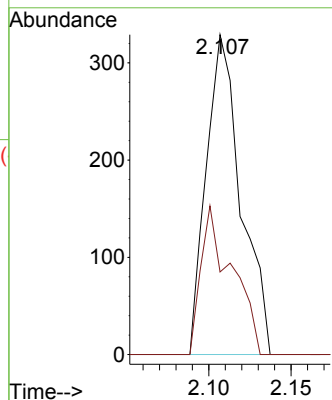
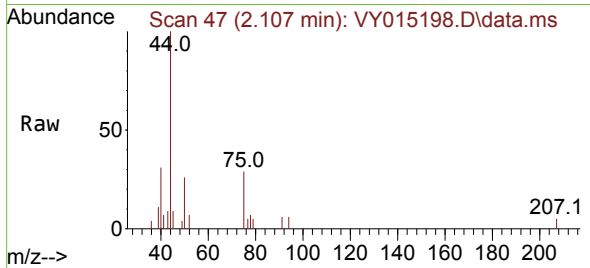




#3
Chloromethane
Concen: Below Cal
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

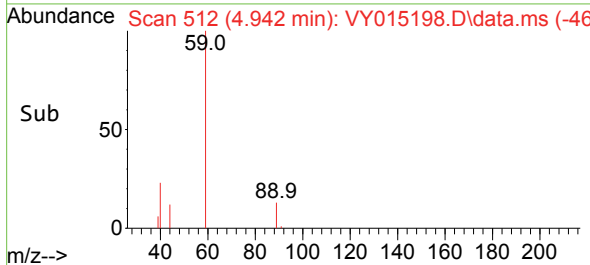
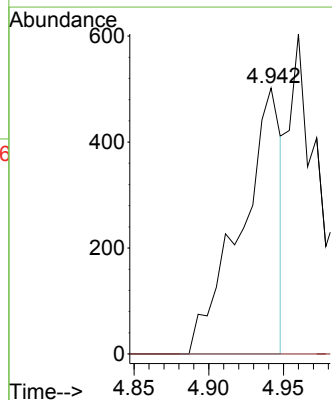
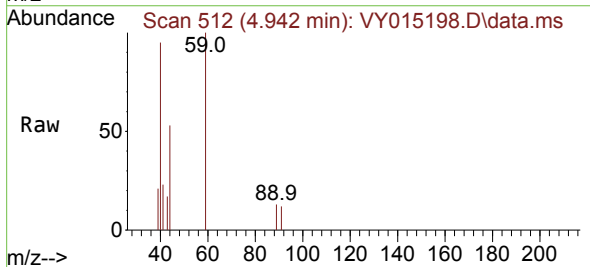
Instrument :
MSVOA_Y
ClientSampleId :

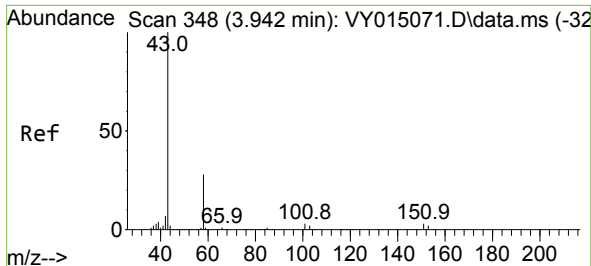
Tgt Ion: 50 Resp: 482
Ion Ratio Lower Upper
50 100
52 25.8 25.4 38.2



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 59 Resp: 944
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#





#16

Acetone

Concen: 16.519 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

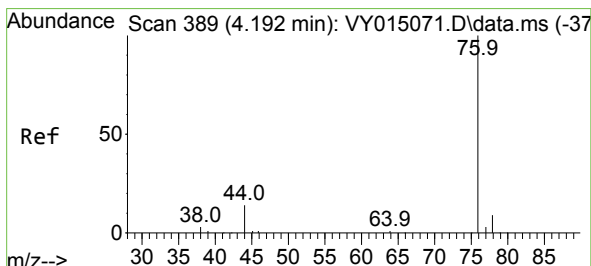
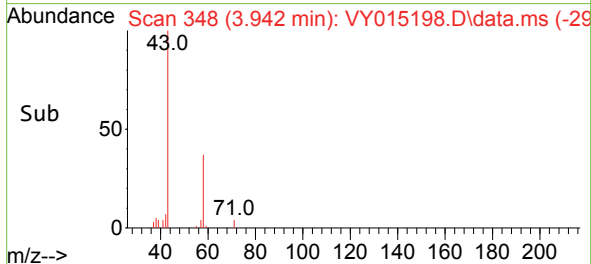
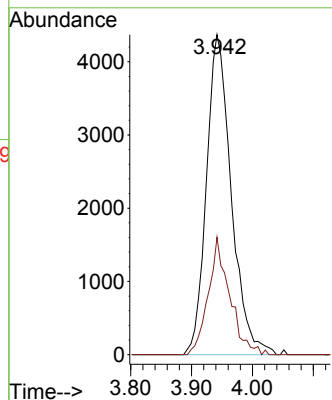
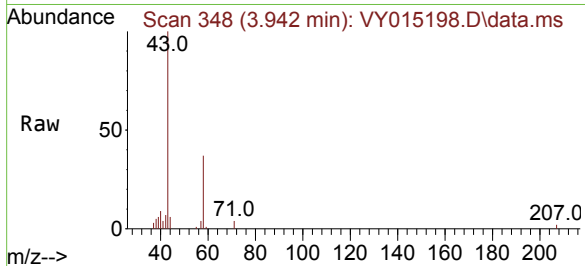
ClientSampleId :

Tgt Ion: 43 Resp: 12372

Ion Ratio Lower Upper

43 100

58 36.7 22.7 34.1#



#17

Carbon Disulfide

Concen: 1.492 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015198.D

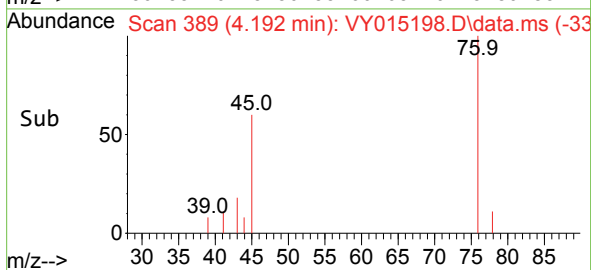
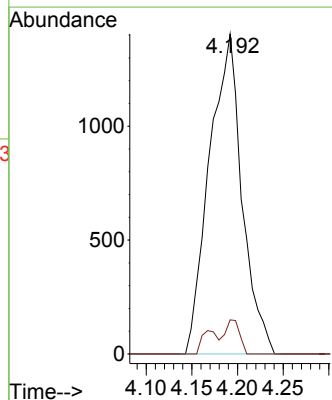
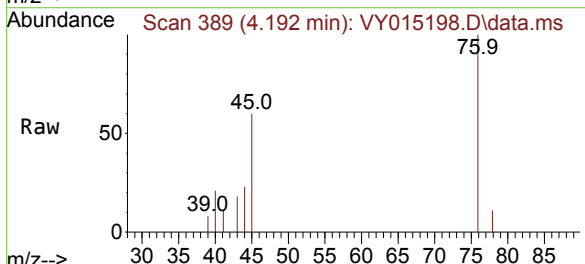
Acq: 18 Aug 2023 16:12

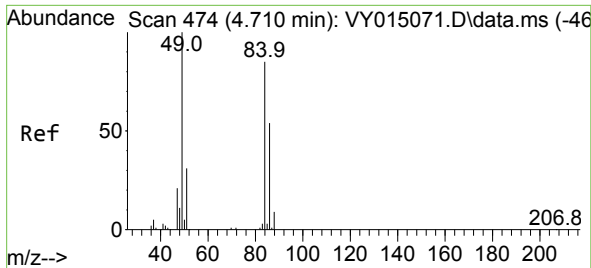
Tgt Ion: 76 Resp: 3489

Ion Ratio Lower Upper

76 100

78 10.7 7.0 10.4#





#20

Methylene Chloride

Concen: 21.369 ug/l

RT: 4.704 min Scan# 41

Delta R.T. -0.006 min

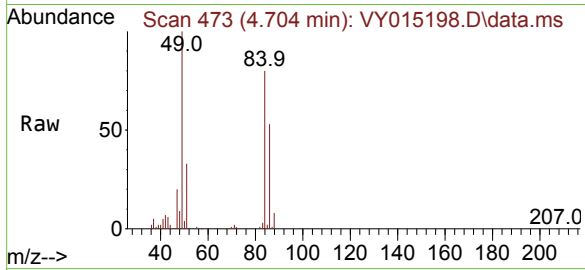
Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 42816

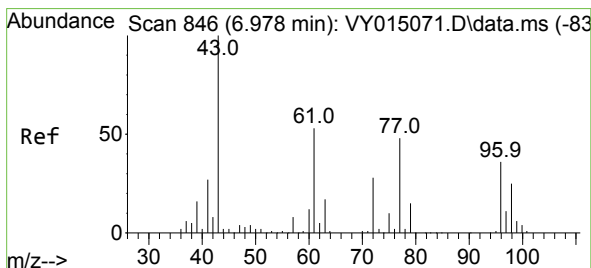
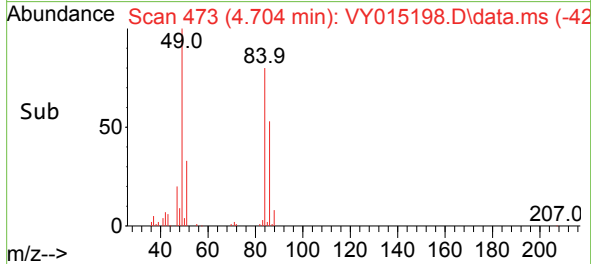
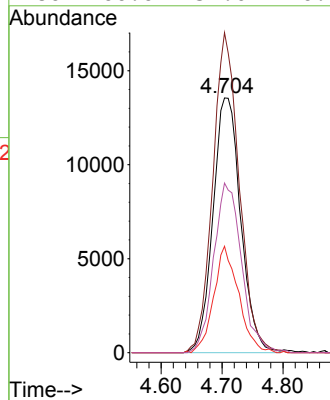
Ion Ratio Lower Upper

84 100

49 125.6 106.9 160.3

51 41.8 33.2 49.8

86 66.6 51.0 76.6



#25

2-Butanone

Concen: 3.560 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015198.D

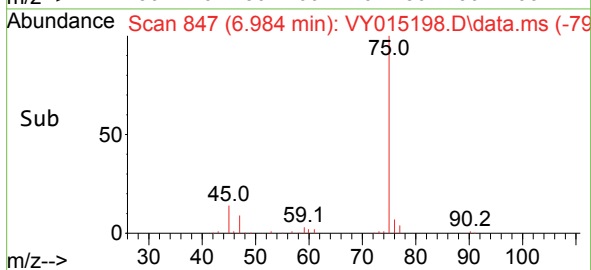
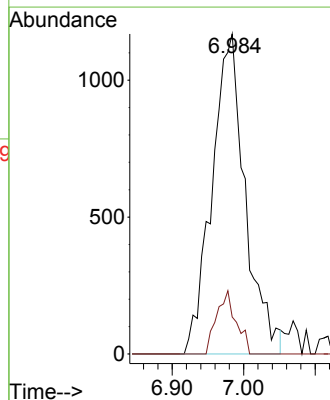
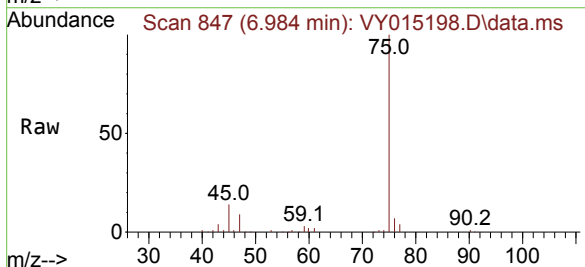
Acq: 18 Aug 2023 16:12

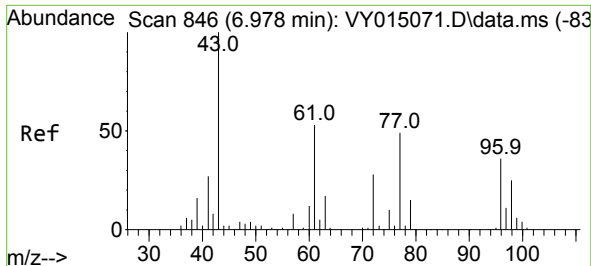
Tgt Ion: 43 Resp: 3775

Ion Ratio Lower Upper

43 100

72 11.5 20.5 30.7#





#26

2,2-Dichloropropane

Concen: 1.528 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

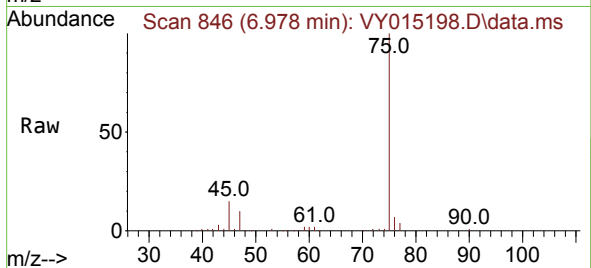
Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

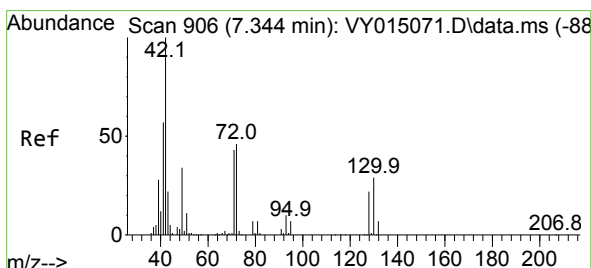
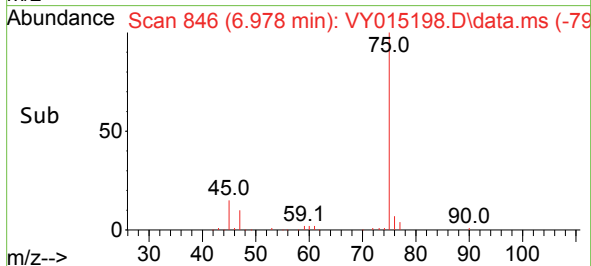
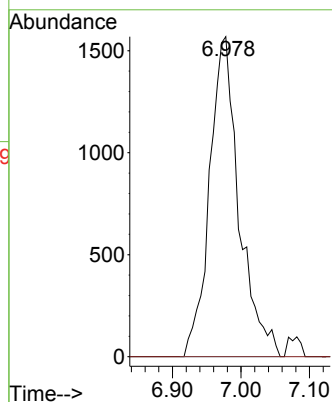


Tgt Ion: 77 Resp: 4690

Ion Ratio Lower Upper

77 100

97 0.0 10.9 32.9#



#29

Tetrahydrofuran

Concen: 7.931 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

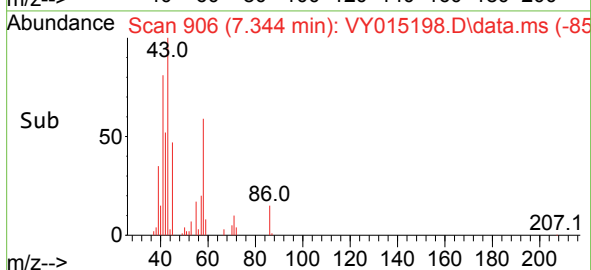
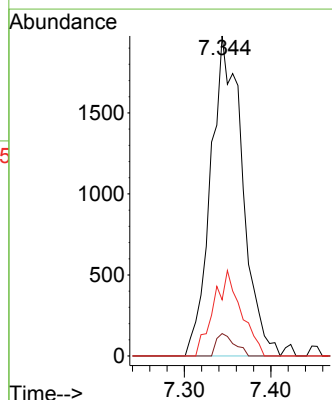
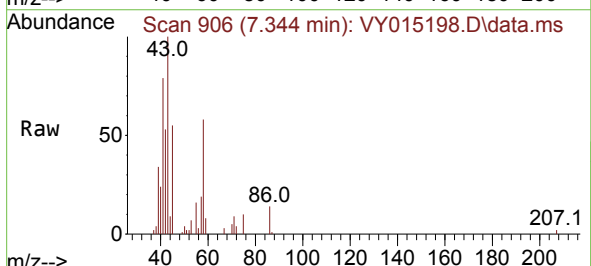
Tgt Ion: 42 Resp: 5029

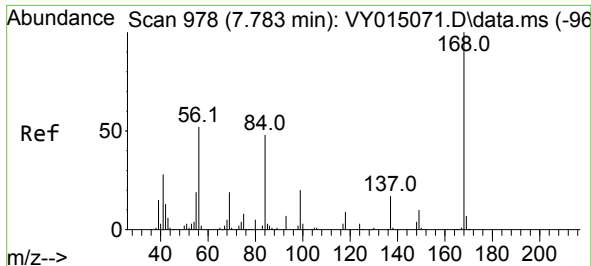
Ion Ratio Lower Upper

42 100

72 4.0 32.8 49.2#

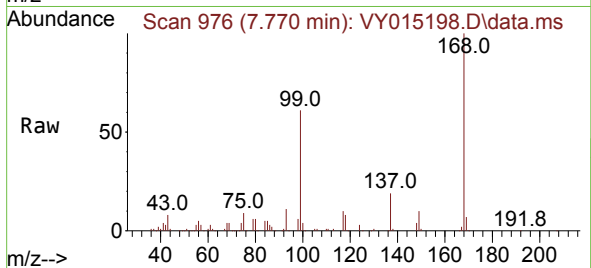
71 23.2 31.0 46.4#



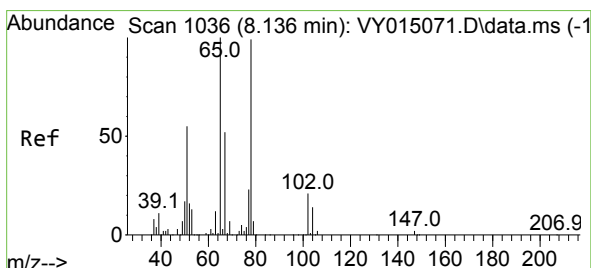
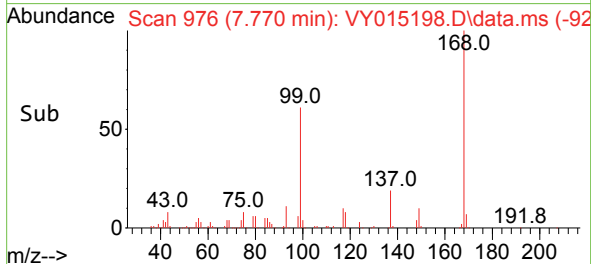
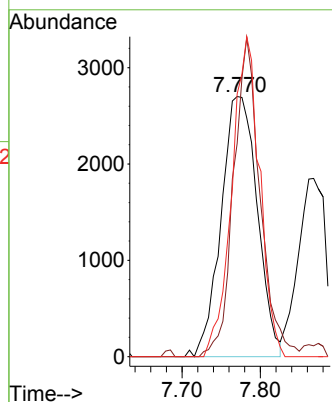


#31
Cyclohexane
Concen: 1.766 ug/l
RT: 7.770 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :

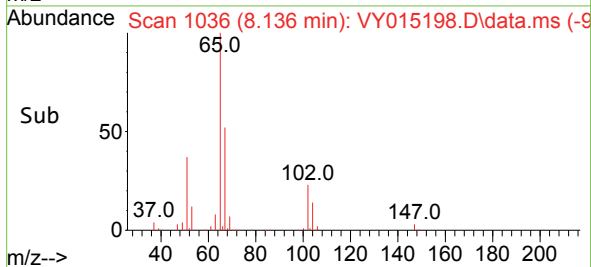
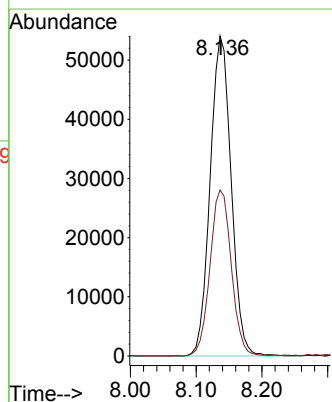
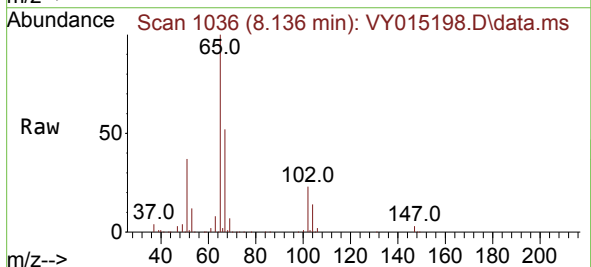


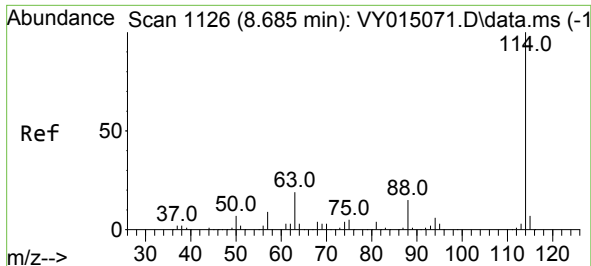
Tgt Ion: 56 Resp: 8661
Ion Ratio Lower Upper
56 100
69 82.0 27.8 41.6#
84 101.0 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 52.431 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 65 Resp: 120204
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

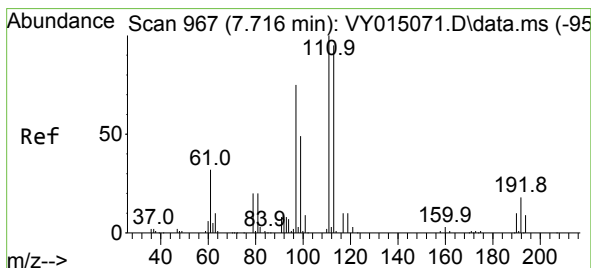
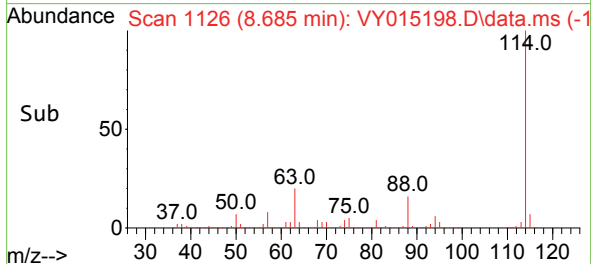
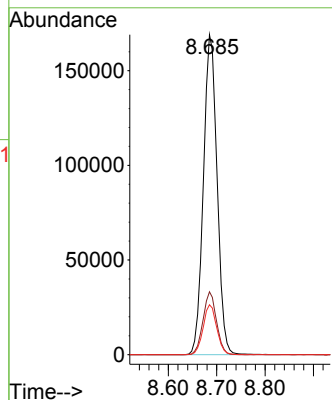
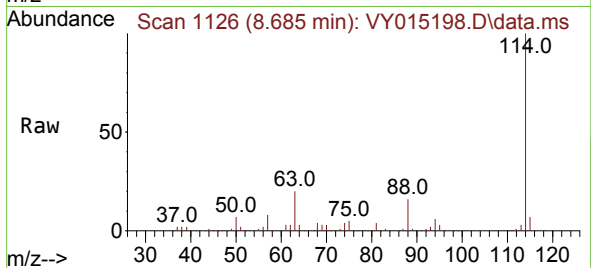
Tgt Ion:114 Resp: 332491

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.4

88 15.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.671 ug/l

RT: 7.709 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

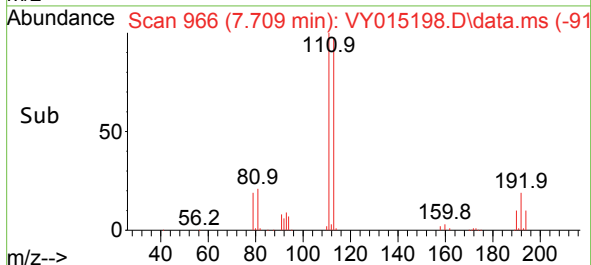
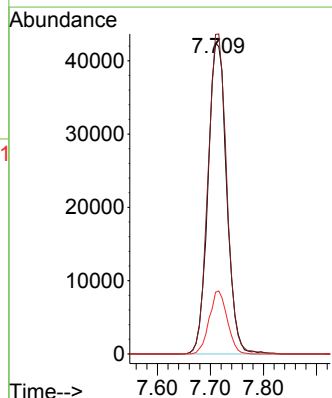
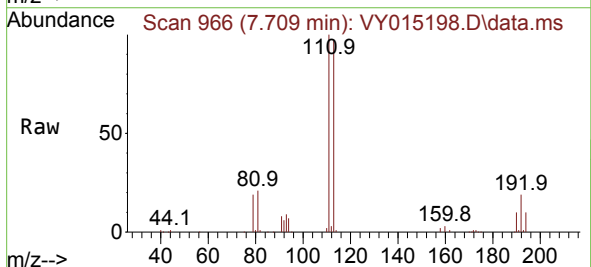
Tgt Ion:113 Resp: 104108

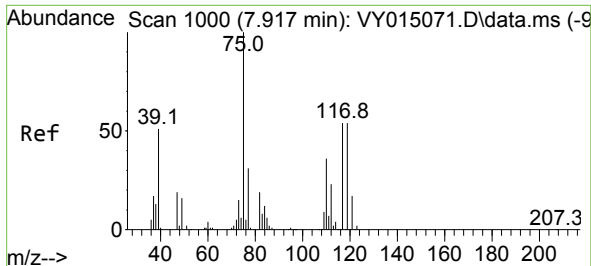
Ion Ratio Lower Upper

113 100

111 102.6 81.3 121.9

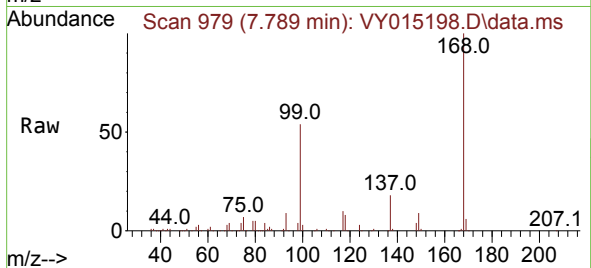
192 19.5 16.9 25.3



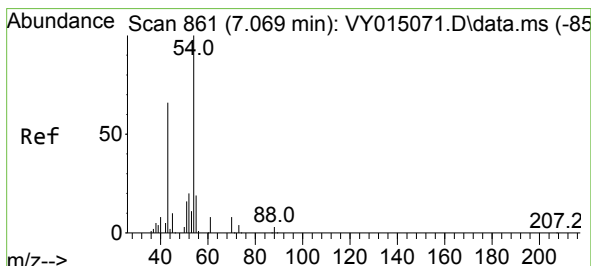
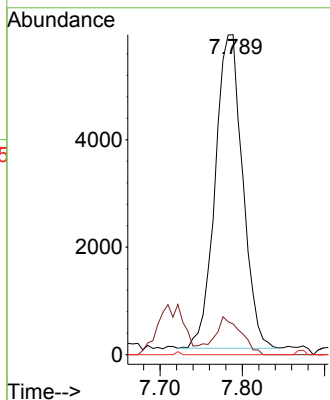
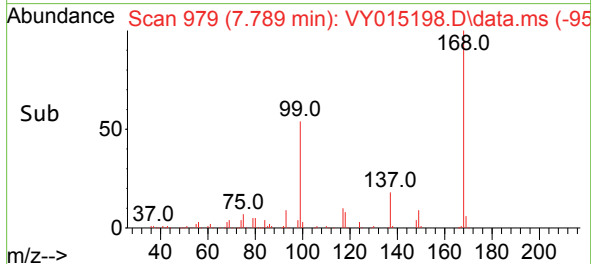


#36
1,1-Dichloropropene
Concen: 5.725 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

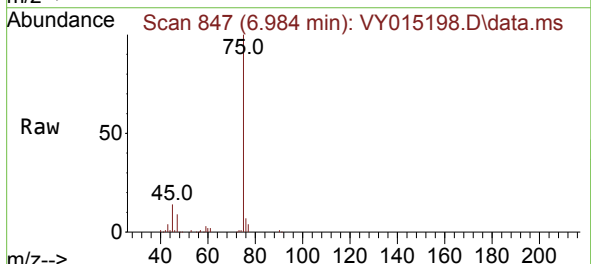
Instrument :
MSVOA_Y
ClientSampleId :



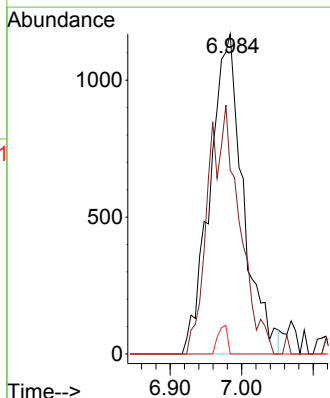
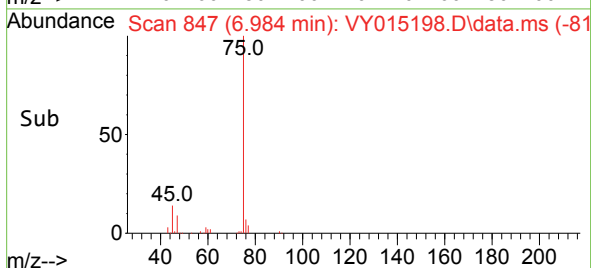
Tgt Ion: 75 Resp: 13549
Ion Ratio Lower Upper
75 100
110 11.6 17.8 53.5#
77 0.0 24.4 36.6#

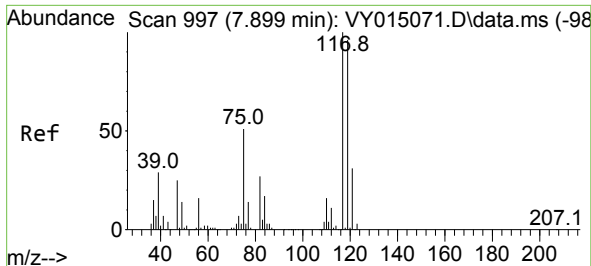


#37
Ethyl Acetate
Concen: 1.711 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.085 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12



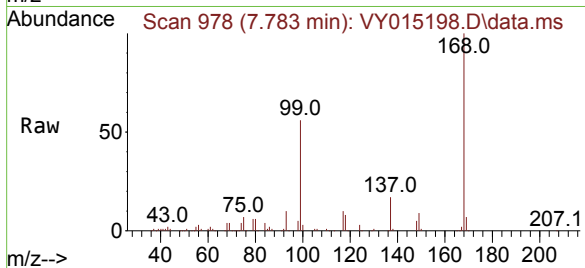
Tgt Ion: 43 Resp: 3775
Ion Ratio Lower Upper
43 100
61 0.0 10.1 15.1#
70 2.5 7.1 10.7#



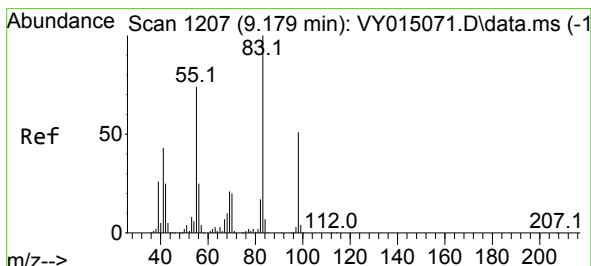
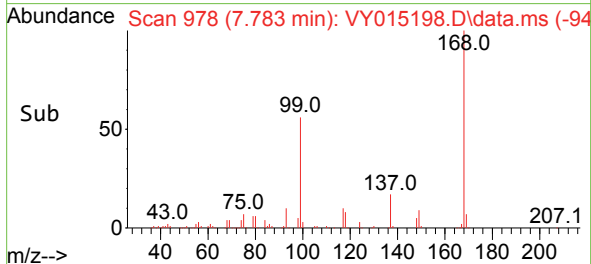
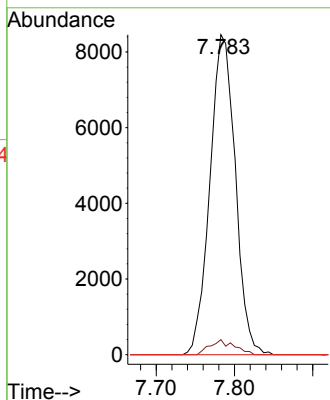


#38
Carbon Tetrachloride
Concen: 6.813 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Instrument :
MSVOA_Y
ClientSampleId :

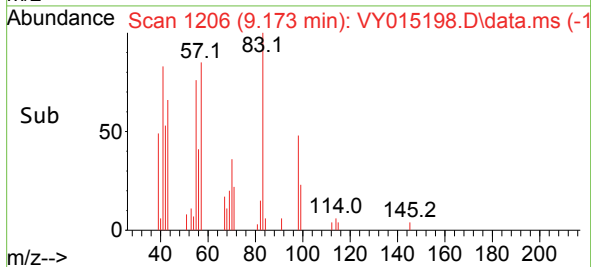
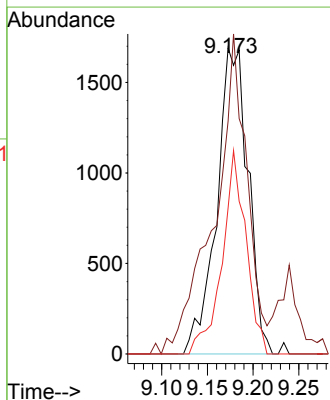
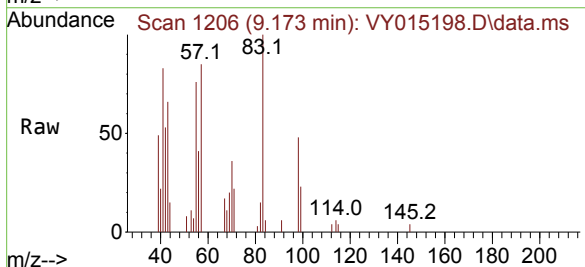


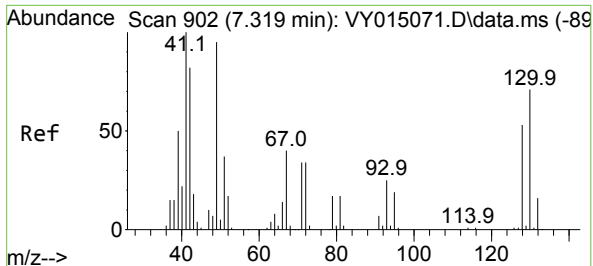
Tgt Ion:117 Resp: 19081
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 1.522 ug/l
RT: 9.173 min Scan# 1206
Delta R.T. -0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 83 Resp: 4038
Ion Ratio Lower Upper
83 100
55 68.1 63.0 94.4
98 47.8 37.4 56.2

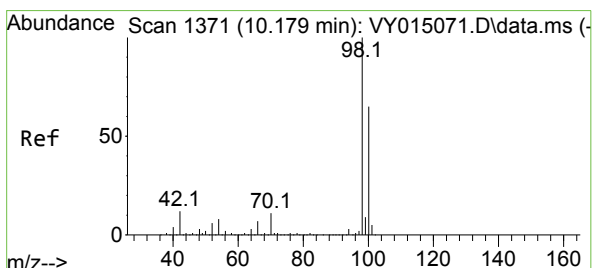
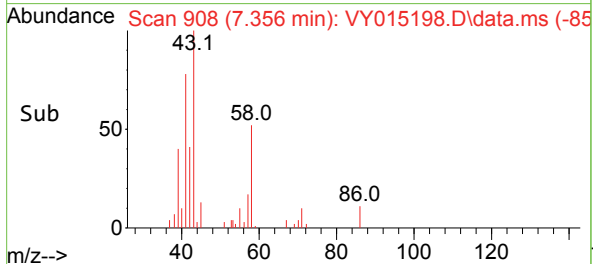
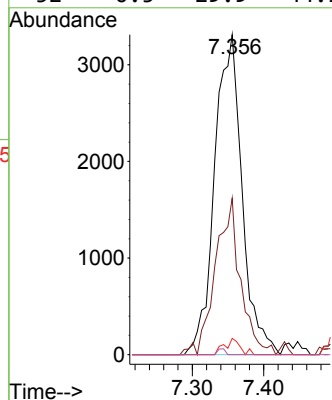
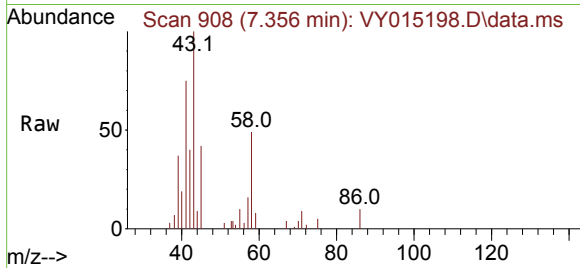




#41
Methacrylonitrile
Concen: 7.768 ug/l
RT: 7.356 min Scan# 902
Delta R.T. 0.049 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

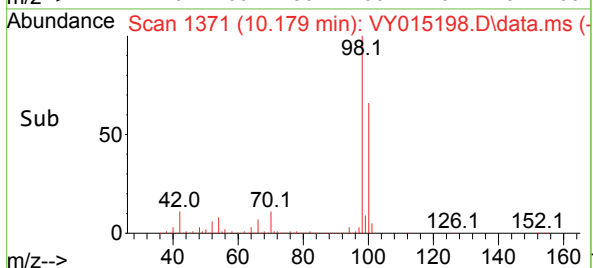
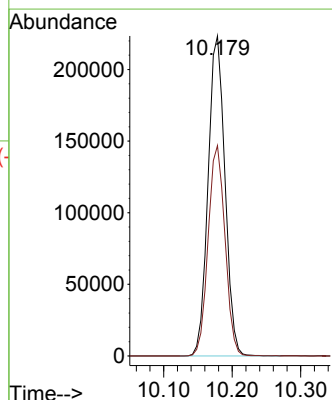
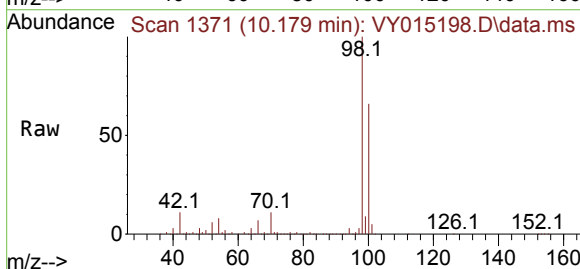
Instrument :
MSVOA_Y
ClientSampleId :

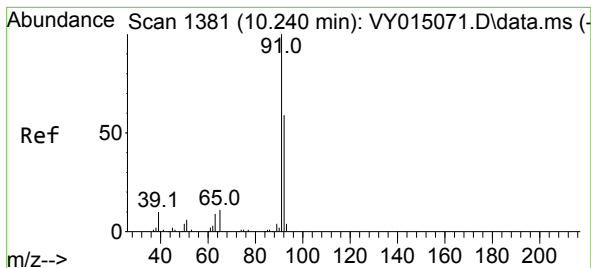
Tgt Ion: 41 Resp: 8836
Ion Ratio Lower Upper
41 100
39 44.7 52.1 78.1#
67 2.9 66.2 99.2#
52 0.5 29.9 44.9#



#50
Toluene-d8
Concen: 48.067 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 98 Resp: 382745
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1





#52

Toluene

Concen: 47.582 ug/l

RT: 10.239 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

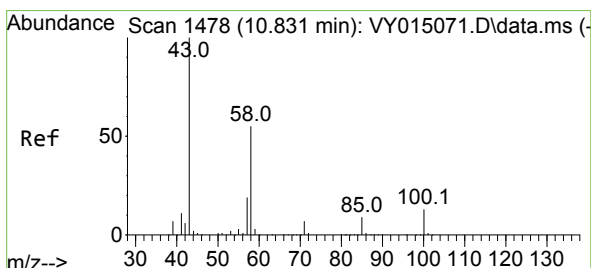
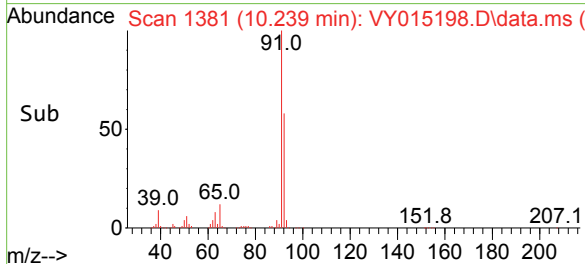
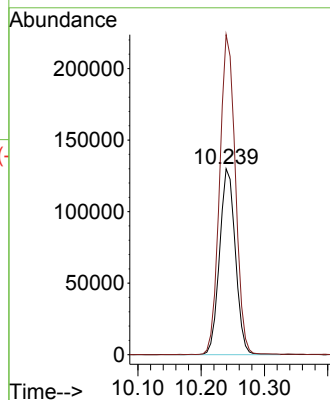
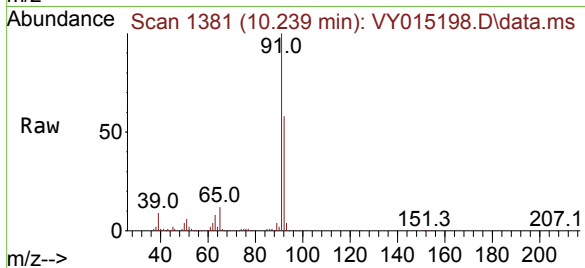
ClientSampleId :

Tgt Ion: 92 Resp: 224382

Ion Ratio Lower Upper

92 100

91 171.7 143.8 215.6



#59

2-Hexanone

Concen: 1.452 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.031 min

Lab File: VY015198.D

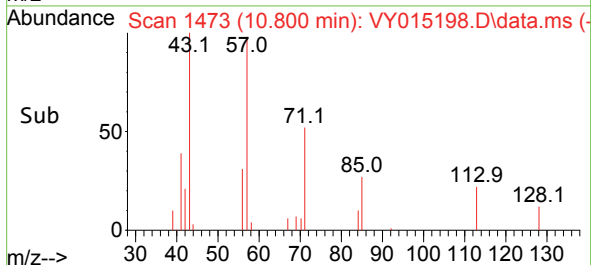
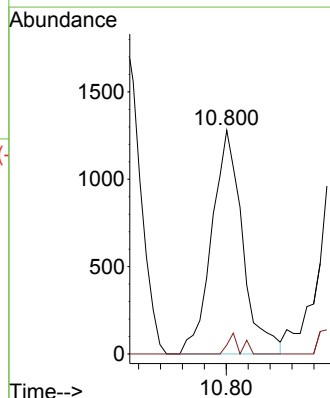
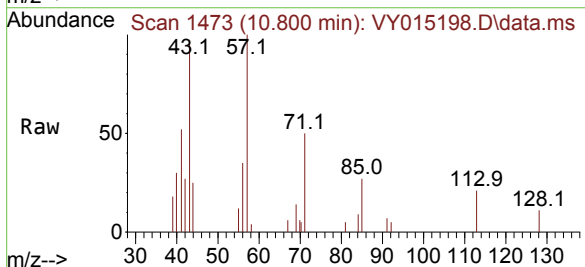
Acq: 18 Aug 2023 16:12

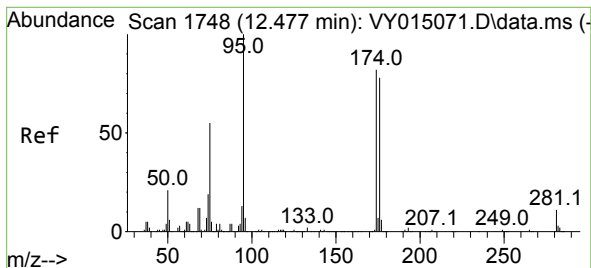
Tgt Ion: 43 Resp: 2502

Ion Ratio Lower Upper

43 100

58 3.6 25.1 75.3#

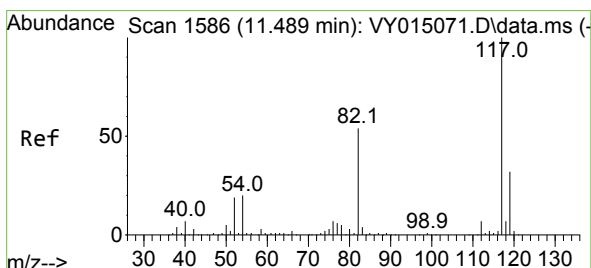
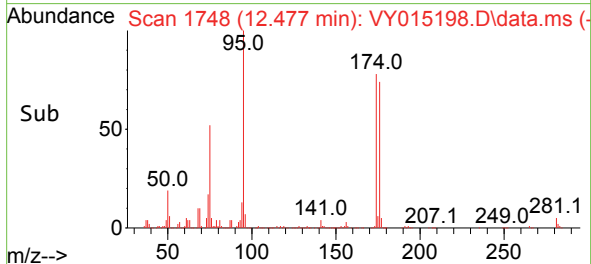
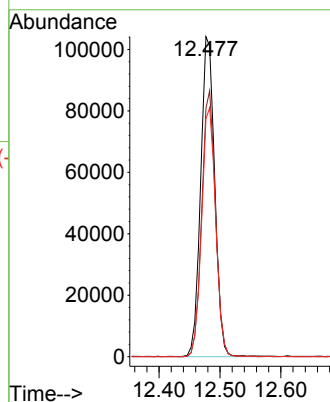
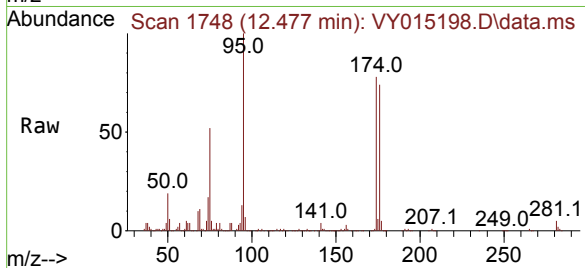




#62
4-Bromofluorobenzene
Concen: 57.301 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

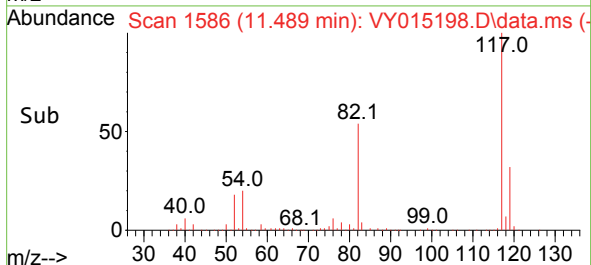
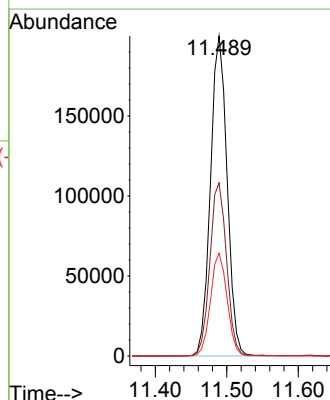
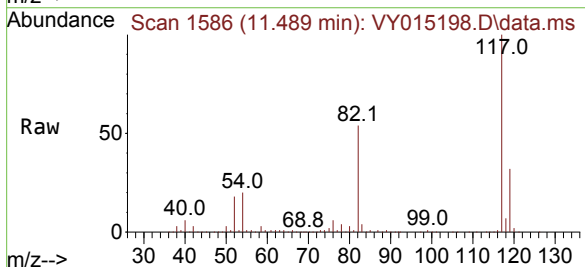
Instrument :
MSVOA_Y
ClientSampleId :

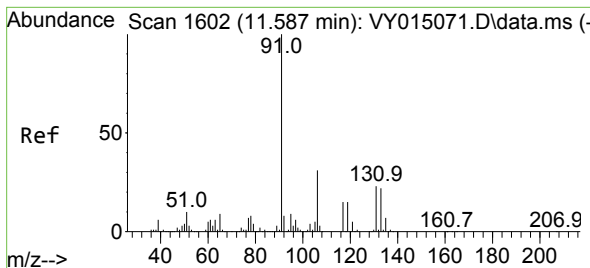
Tgt Ion: 95 Resp: 166651
Ion Ratio Lower Upper
95 100
174 81.4 0.0 178.2
176 77.4 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 117 Resp: 322999
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.1 26.3 39.5





#67

Ethyl Benzene

Concen: 22.111 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

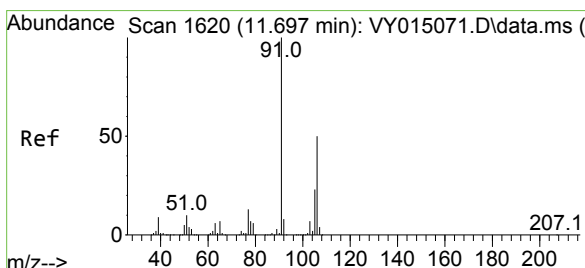
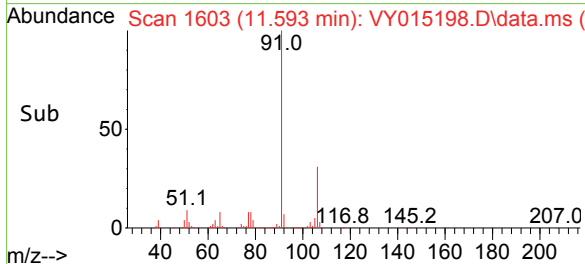
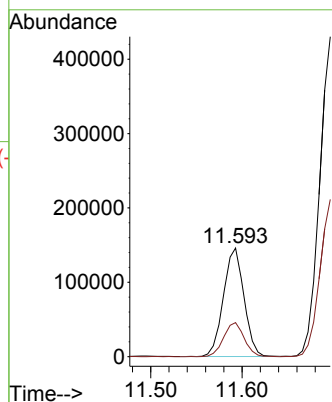
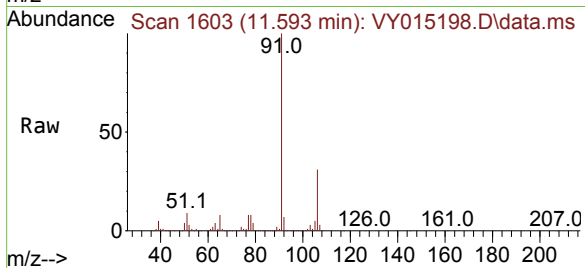
ClientSampleId :

Tgt Ion: 91 Resp: 227987

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 94.942 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY015198.D

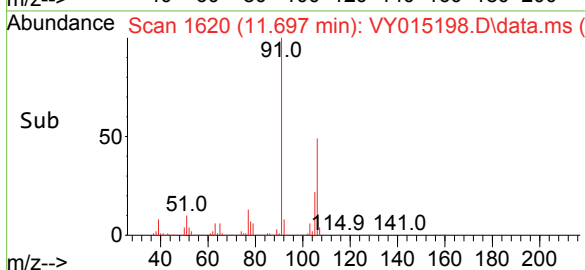
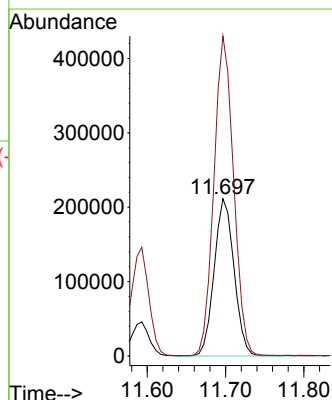
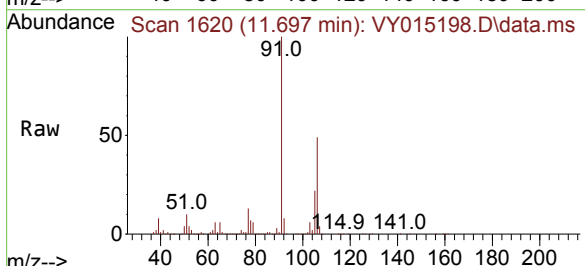
Acq: 18 Aug 2023 16:12

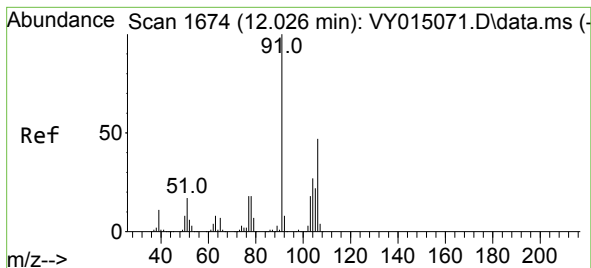
Tgt Ion:106 Resp: 371815

Ion Ratio Lower Upper

106 100

91 201.9 166.1 249.1





#69

o-Xylene

Concen: 40.430 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

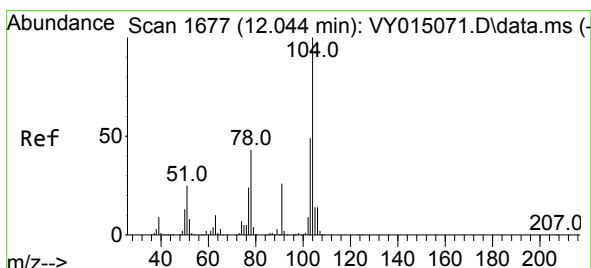
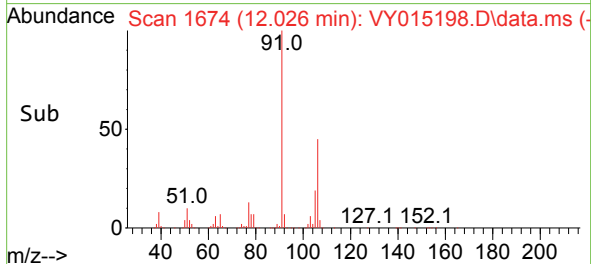
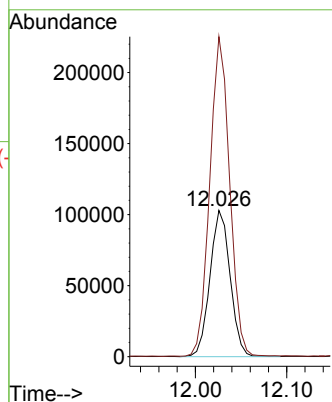
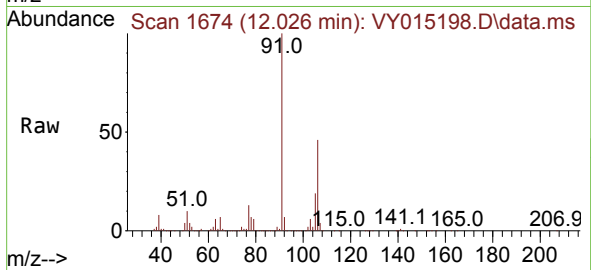
ClientSampleId :

Tgt Ion:106 Resp: 157730

Ion Ratio Lower Upper

106 100

91 215.3 108.1 324.3



#70

Styrene

Concen: 1.171 ug/l

RT: 12.026 min Scan# 1674

Delta R.T. -0.018 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

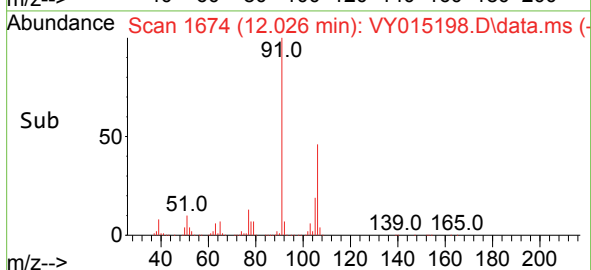
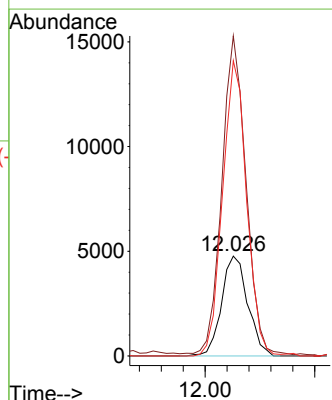
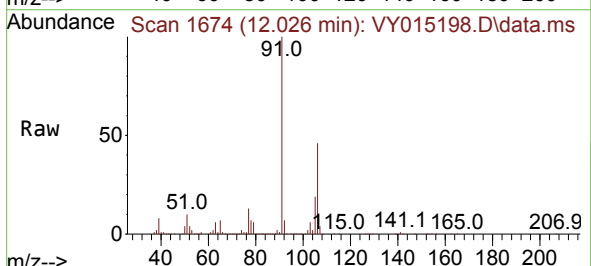
Tgt Ion:104 Resp: 7904

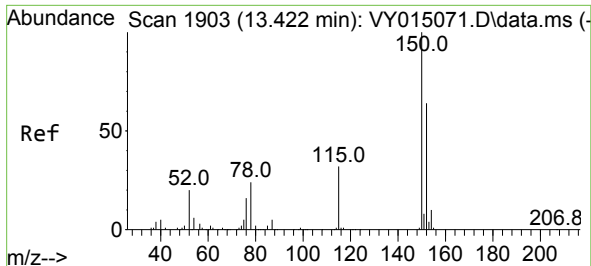
Ion Ratio Lower Upper

104 100

78 299.4 41.5 62.3#

103 272.4 44.6 67.0#

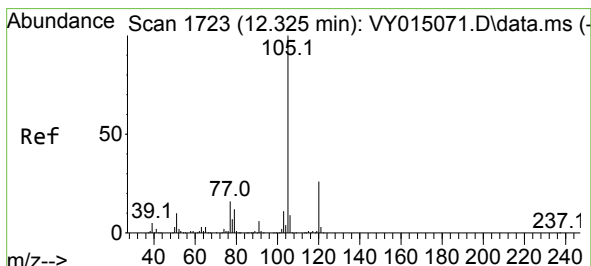
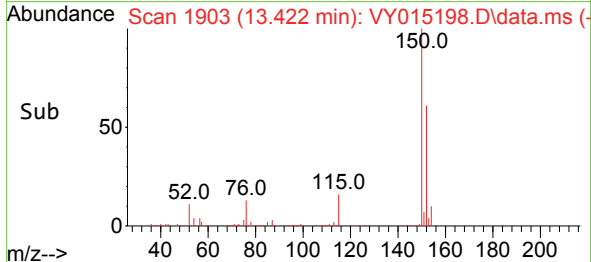
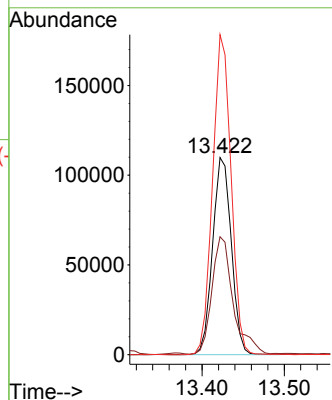
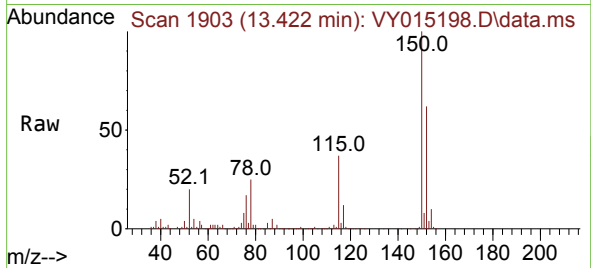




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

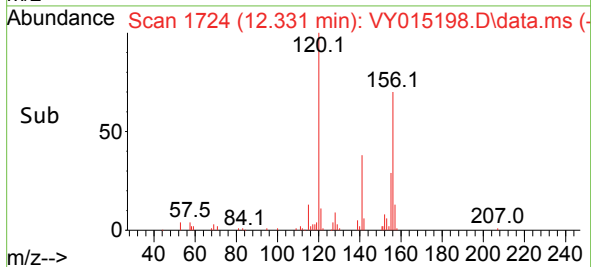
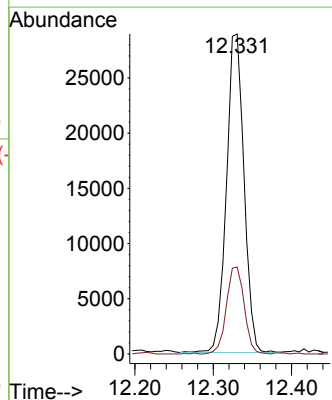
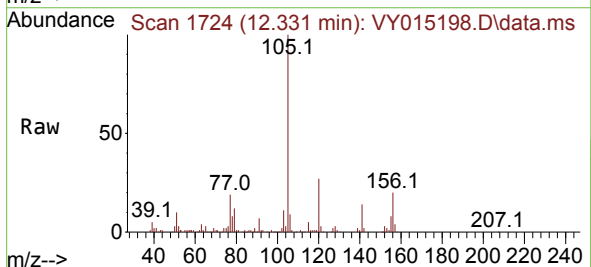
Instrument :
MSVOA_Y
ClientSampleId :

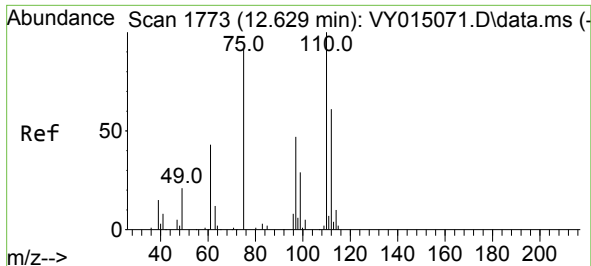
Tgt Ion:152 Resp: 173826
Ion Ratio Lower Upper
152 100
115 67.4 28.8 86.5
150 160.0 0.0 348.8



#73
Isopropylbenzene
Concen: 4.021 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion:105 Resp: 44943
Ion Ratio Lower Upper
105 100
120 27.7 13.3 39.9

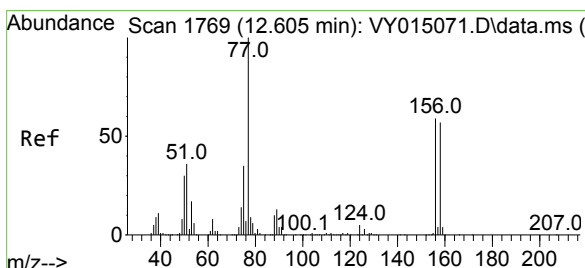
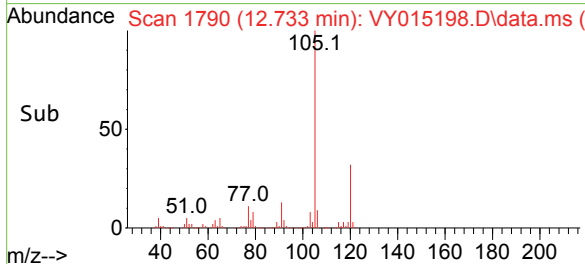
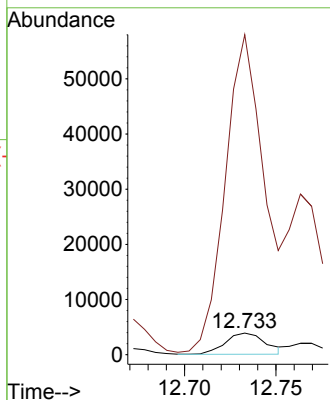
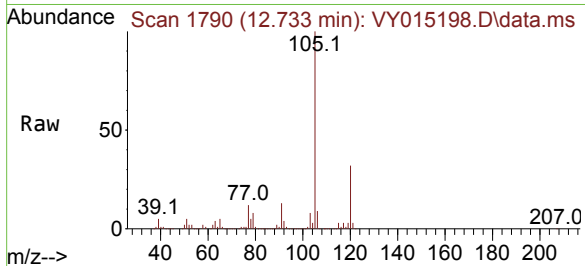




#76
1,2,3-Trichloropropane
Concen: 2.796 ug/l
RT: 12.733 min Scan# 1732
Delta R.T. 0.103 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

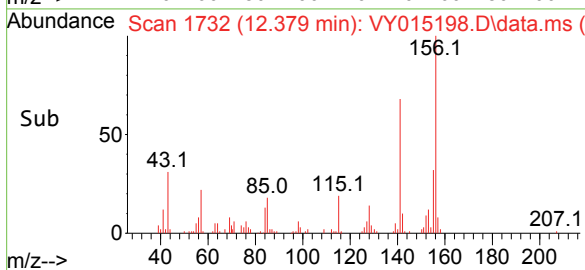
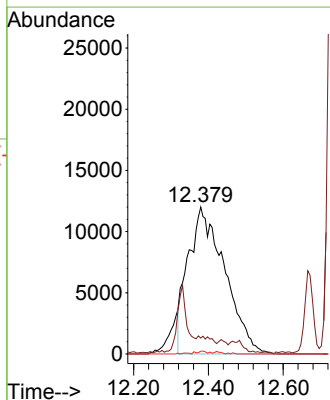
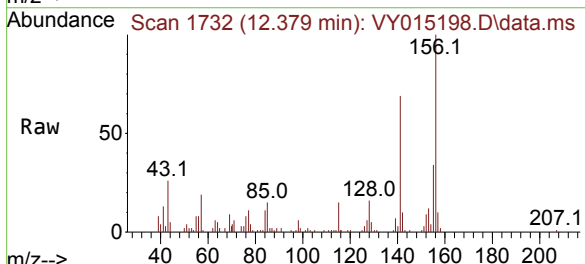
Instrument :
MSVOA_Y
ClientSampleId :

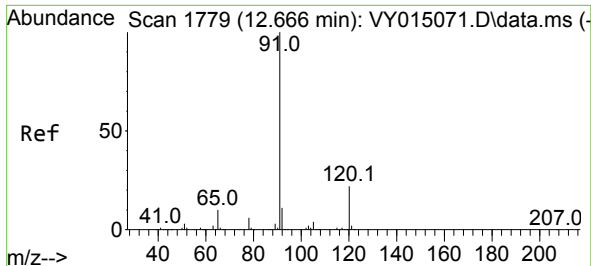
Tgt Ion: 75 Resp: 5905
Ion Ratio Lower Upper
75 100
77 1439.1 0.0 0.0#



#77
Bromobenzene
Concen: 30.182 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.226 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 156 Resp: 82232
Ion Ratio Lower Upper
156 100
77 0.0 92.8 278.6#
158 0.6 48.4 145.3#

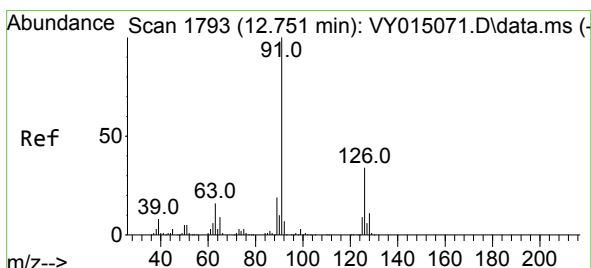
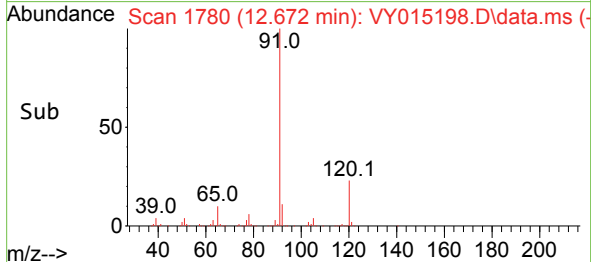
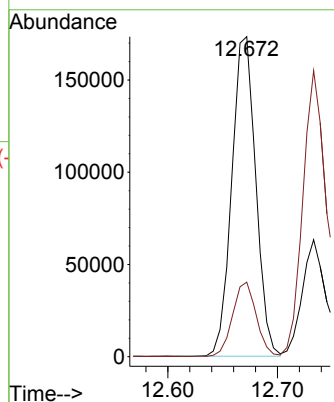
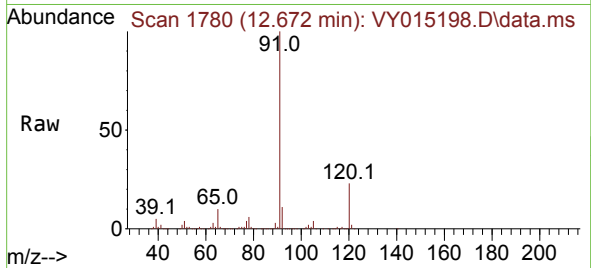




#78
n-propylbenzene
Concen: 19.821 ug/l
RT: 12.672 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

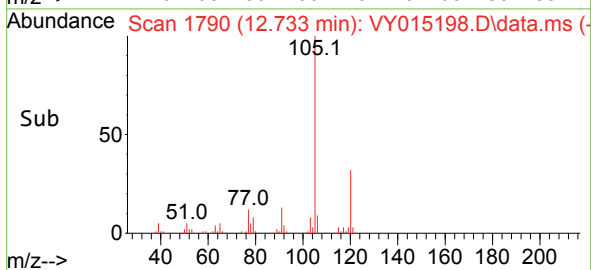
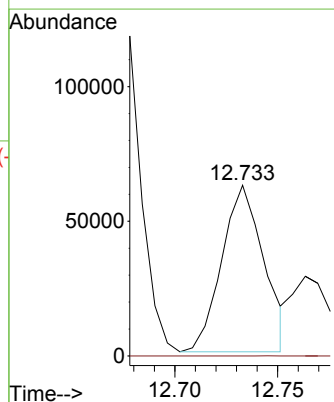
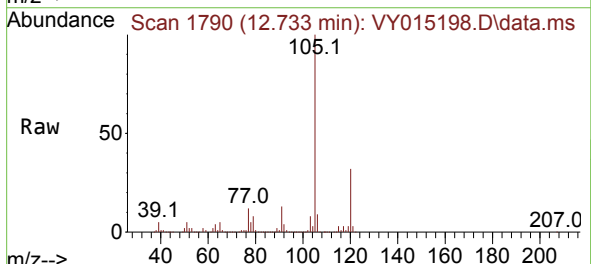
Instrument :
MSVOA_Y
ClientSampleId :

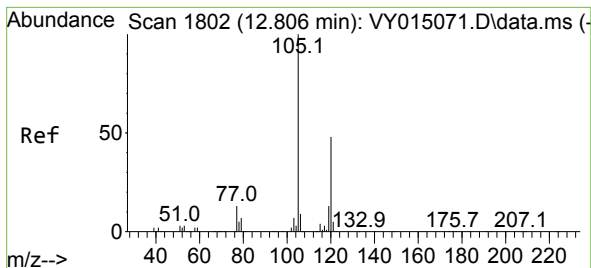
Tgt Ion: 91 Resp: 263089
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4



#79
2-Chlorotoluene
Concen: 11.503 ug/l
RT: 12.733 min Scan# 1790
Delta R.T. -0.018 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 91 Resp: 88081
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.7#





#80

1,3,5-Trimethylbenzene

Concen: 33.130 ug/l

RT: 12.812 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

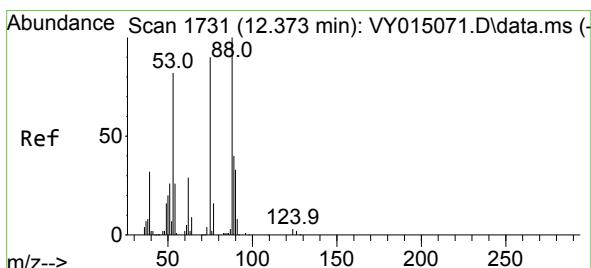
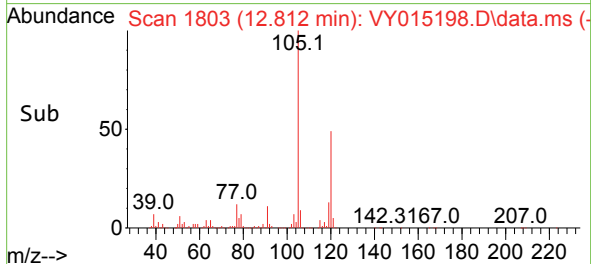
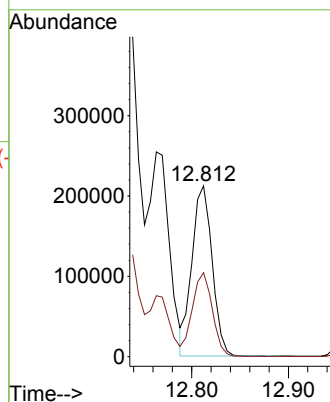
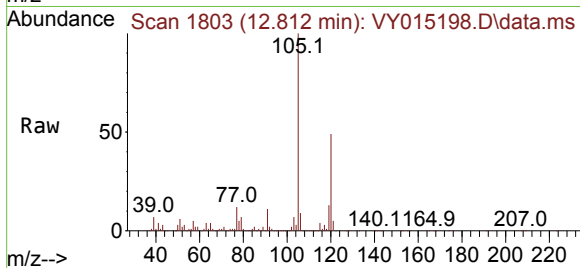
ClientSampleId :

Tgt Ion:105 Resp: 308681

Ion Ratio Lower Upper

105 100

120 48.7 23.9 71.7



#81

trans-1,4-Dichloro-2-butene

Concen: 88.799 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.103 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

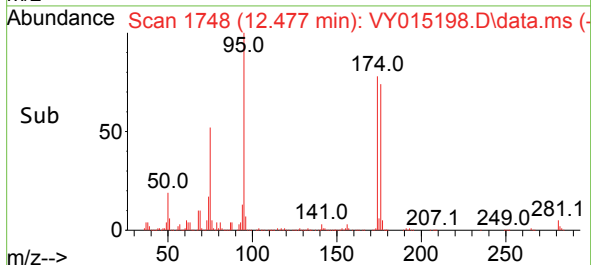
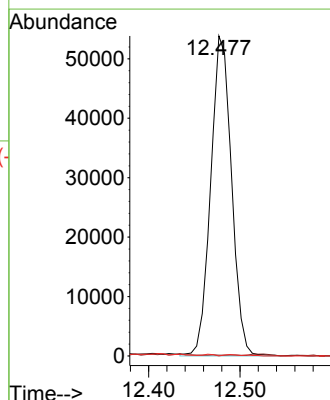
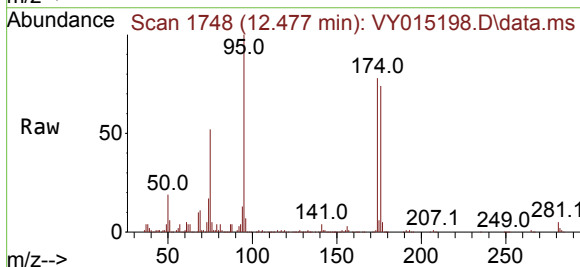
Tgt Ion: 75 Resp: 85378

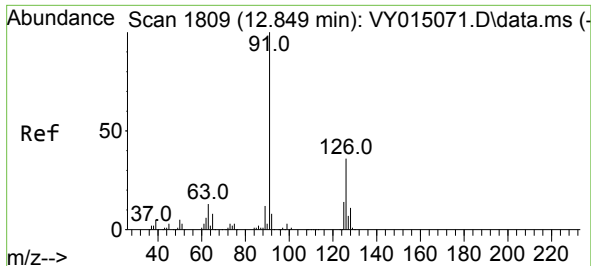
Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.4 37.4 56.0#

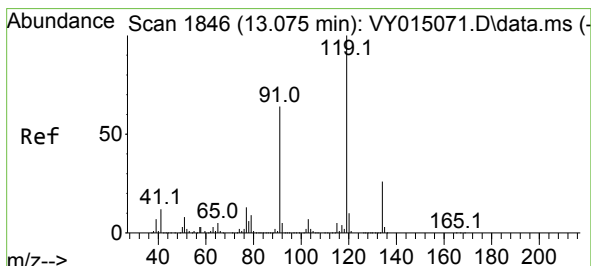
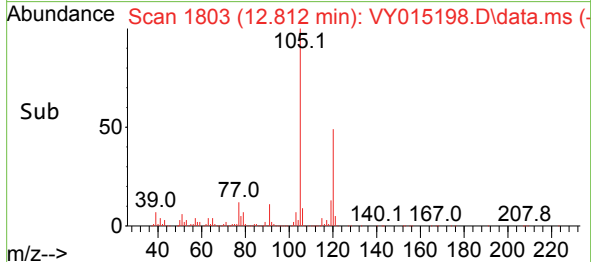
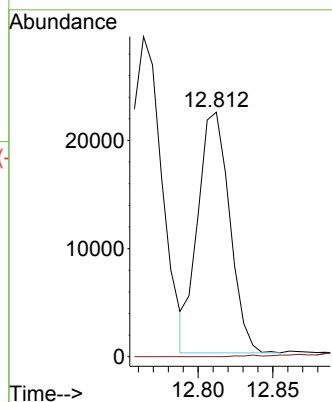
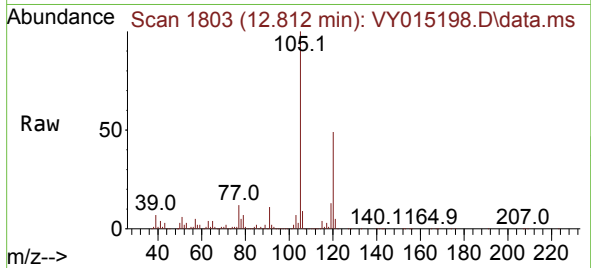




#82
4-Chlorotoluene
Concen: 4.166 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.043 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

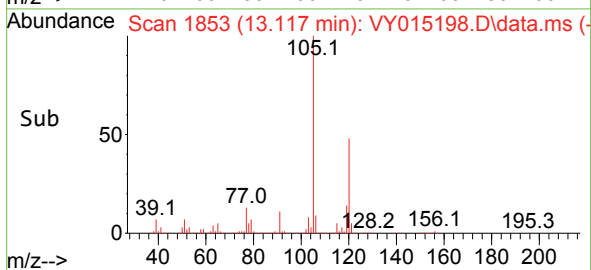
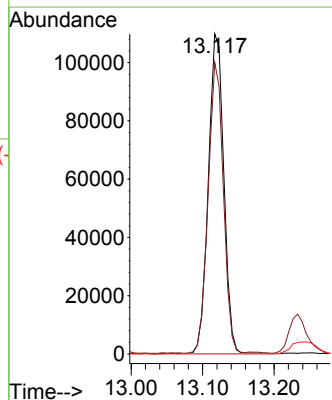
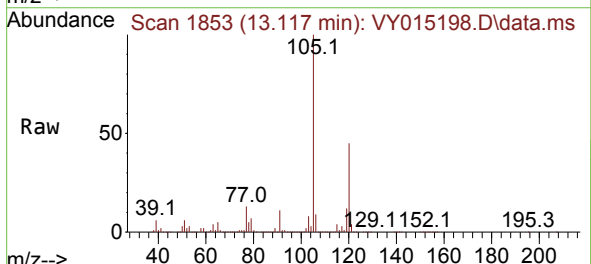
Instrument :
MSVOA_Y
ClientSampleId :

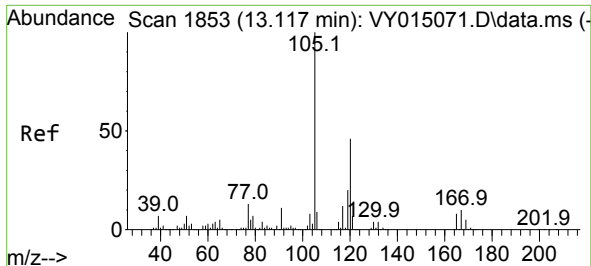
Tgt Ion: 91 Resp: 32952
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 19.300 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.043 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion: 119 Resp: 164479
Ion Ratio Lower Upper
119 100
91 89.5 32.9 98.6
134 0.0 13.0 38.9#

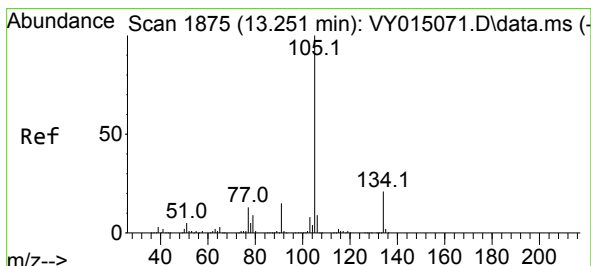
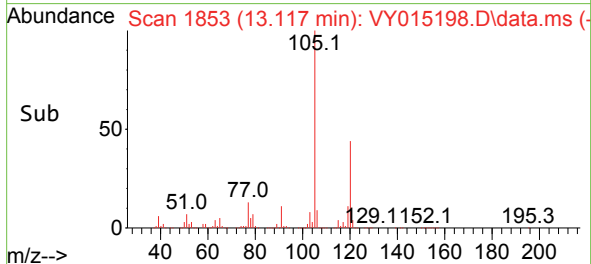
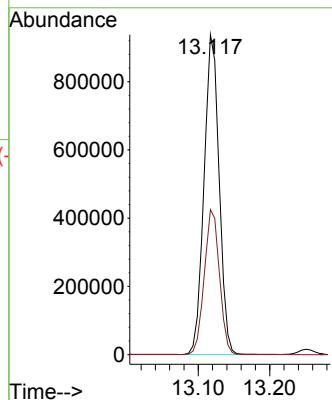
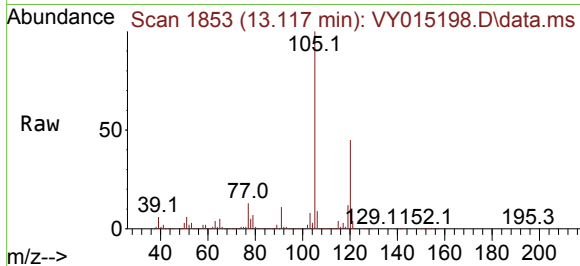




#84
1,2,4-Trimethylbenzene
Concen: 147.456 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

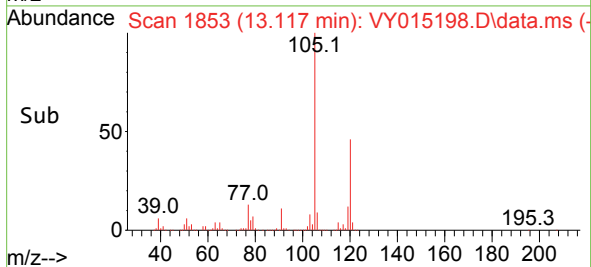
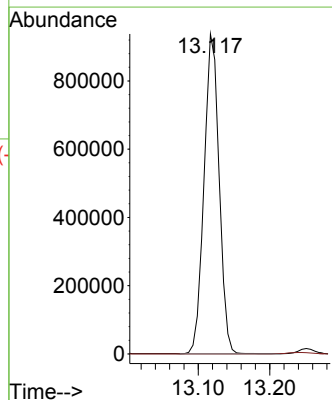
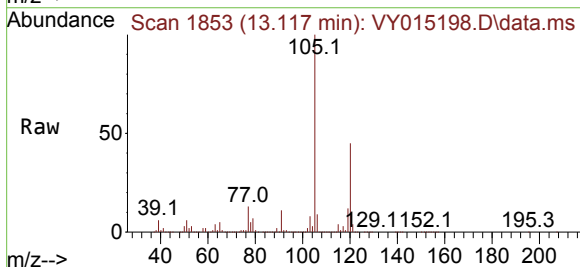
Instrument :
MSVOA_Y
ClientSampleId :

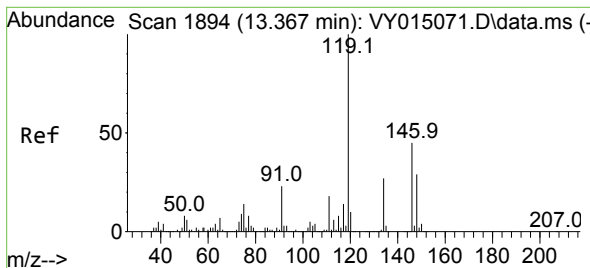
Tgt Ion:105 Resp: 1372871
Ion Ratio Lower Upper
105 100
120 45.6 22.2 66.6



#85
sec-Butylbenzene
Concen: 109.945 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.134 min
Lab File: VY015198.D
Acq: 18 Aug 2023 16:12

Tgt Ion:105 Resp: 1372871
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.6#





#86

p-Isopropyltoluene

Concen: 3.788 ug/l

RT: 13.312 min Scan# 119

Delta R.T. -0.055 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

ClientSampleId :

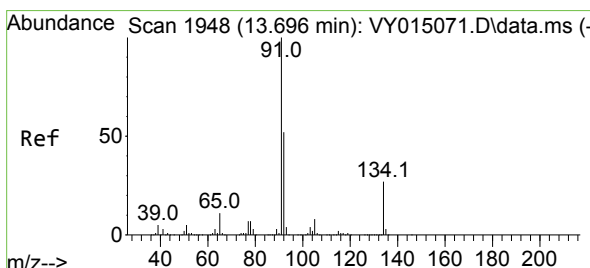
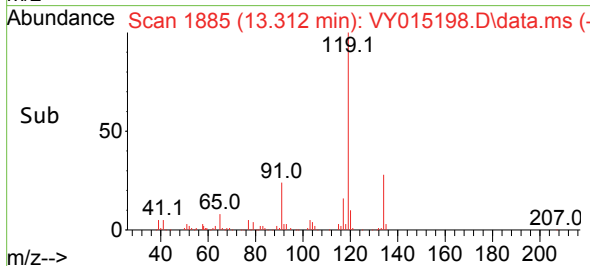
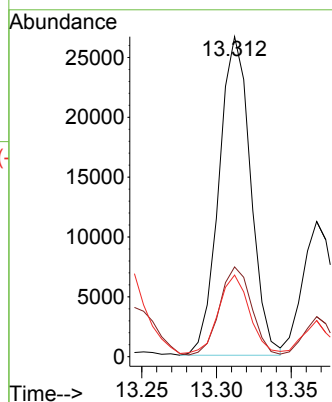
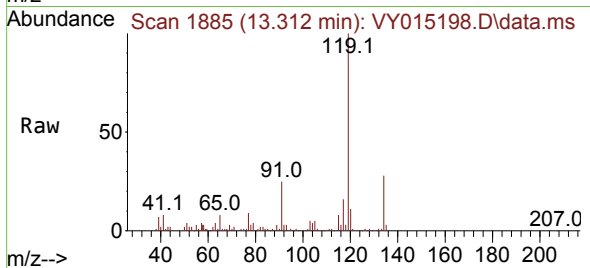
Tgt Ion:119 Resp: 39215

Ion Ratio Lower Upper

119 100

134 28.6 13.3 39.8

91 23.7 12.4 37.4



#89

n-Butylbenzene

Concen: 6.973 ug/l

RT: 13.690 min Scan# 1947

Delta R.T. -0.006 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

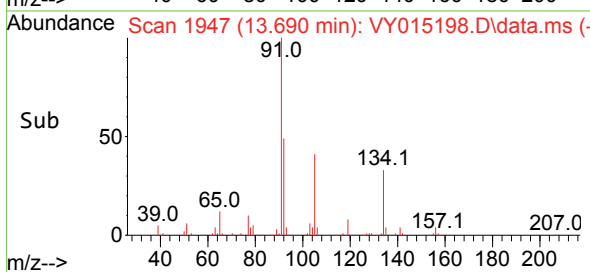
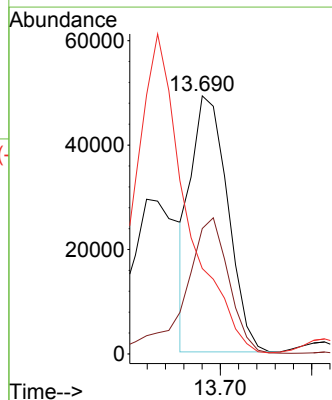
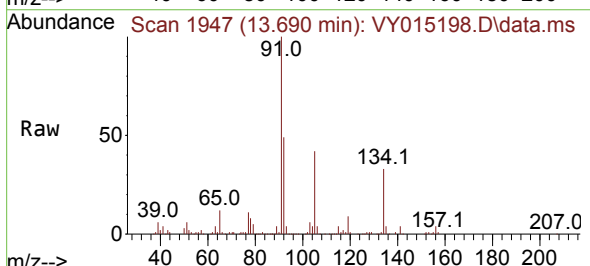
Tgt Ion: 91 Resp: 68070

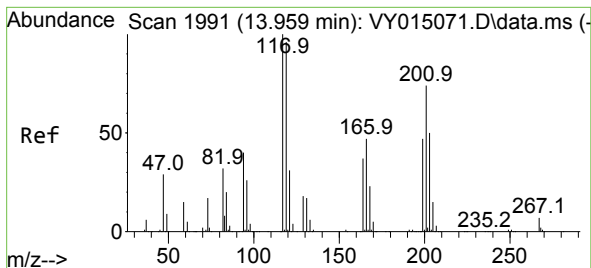
Ion Ratio Lower Upper

91 100

92 63.5 25.4 76.0

134 0.0 12.6 37.6#





#90

Hexachloroethane

Concen: 12.262 ug/l

RT: 13.970 min Scan# 1991

Delta R.T. 0.012 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Instrument :

MSVOA_Y

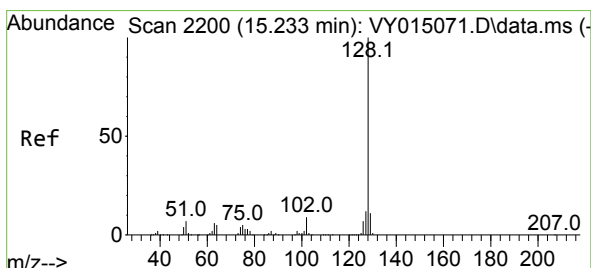
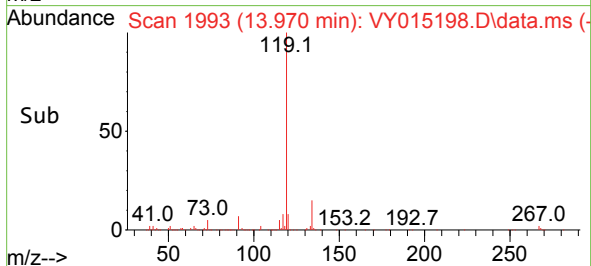
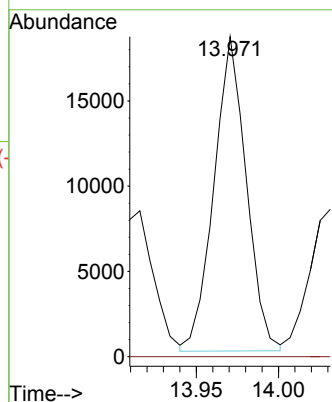
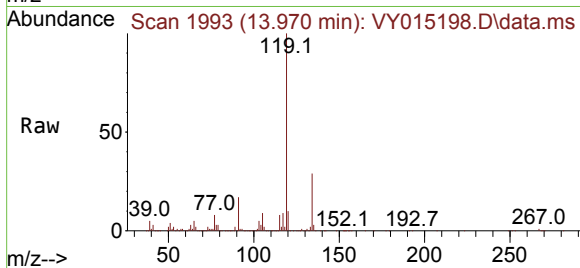
ClientSampleId :

Tgt Ion:117 Resp: 25183

Ion Ratio Lower Upper

117 100

201 0.0 41.6 124.8#



#95

Naphthalene

Concen: 58.240 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015198.D

Acq: 18 Aug 2023 16:12

Tgt Ion:128 Resp: 470206

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.8 8.6 13.0

