

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018611.D
 Acq On : 17 Jun 2024 15:44
 Operator : SY/MD
 Sample : P2889-03
 Misc : 4.77g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 01:25:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

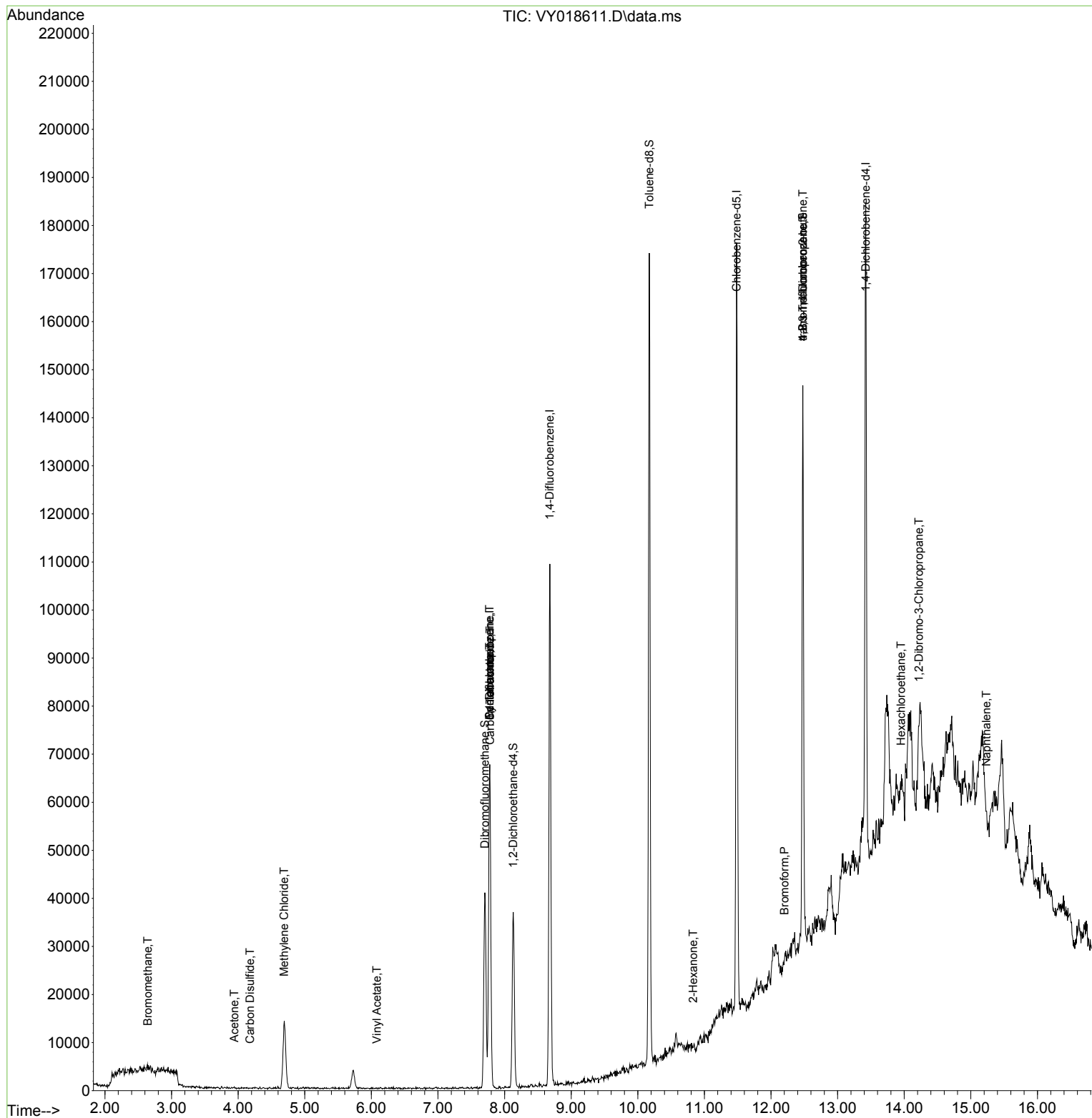
Internal Standards						
1) Pentafluorobenzene	7.777	168	49655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	93718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	83175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	33301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	28832	57.673	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 115.340%			
35) Dibromofluoromethane	7.704	113	28895	50.543	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.080%			
50) Toluene-d8	10.173	98	111037	50.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.000%			
62) 4-Bromofluorobenzene	12.477	95	35545	51.200	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.400%			
Target Compounds						Qvalue
5) Bromomethane	2.644	94	734	1.184	ug/l #	74
16) Acetone	3.942	43	204	2.006	ug/l #	36
17) Carbon Disulfide	4.180	76	29	2.238	ug/l #	76
20) Methylene Chloride	4.692	84	9970	8.462	ug/l	94
23) Vinyl Acetate	6.082	43	25	23.713	ug/l #	67
31) Cyclohexane	7.777	56	1301	1.699	ug/l #	6
36) 1,1-Dichloropropene	7.777	75	4260	5.414	ug/l #	51
38) Carbon Tetrachloride	7.783	117	5257	6.368	ug/l #	16
59) 2-Hexanone	10.831	43	367	1.437	ug/l #	19
71) Bromoform	12.203	173	326	1.032	ug/l #	27
76) 1,2,3-Trichloropropane	12.477	75	17583	56.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	17583	147.438	ug/l #	18
90) Hexachloroethane	13.952	117	784	2.001	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.221	75	744	11.900	ug/l #	1
95) Naphthalene	15.233	128	1845	1.829	ug/l #	75

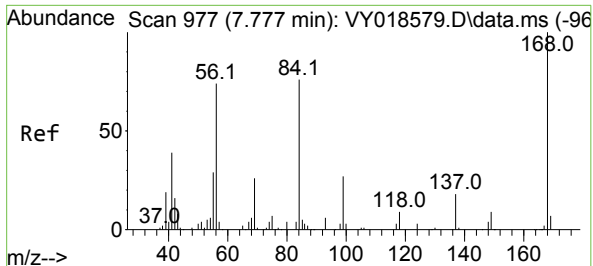
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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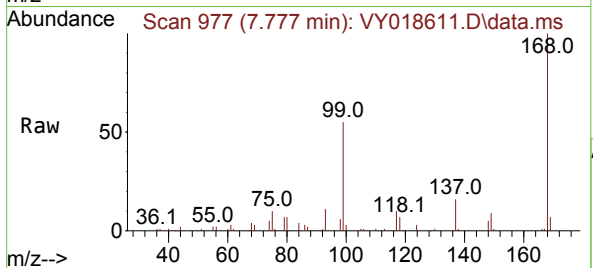
Quant Time: Jun 18 01:25:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
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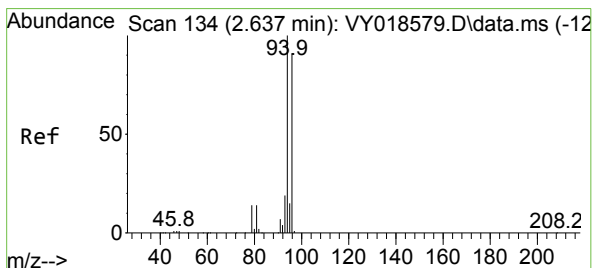
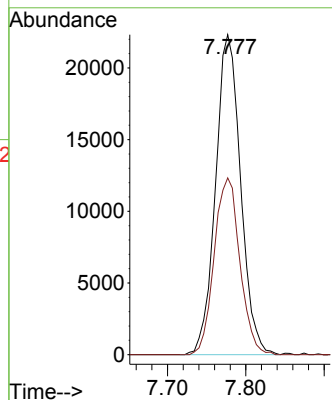
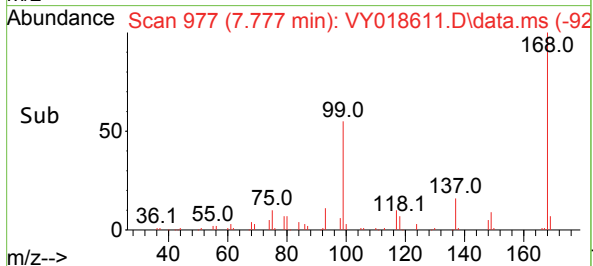


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :

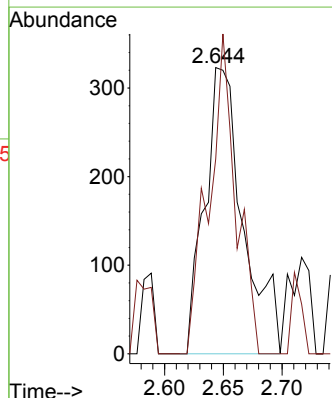
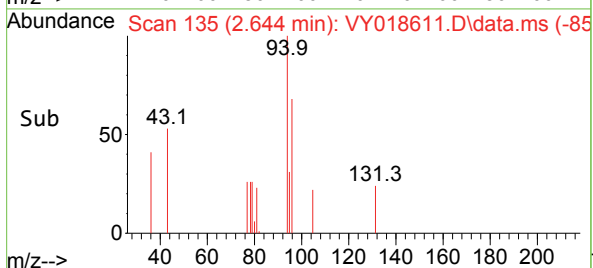
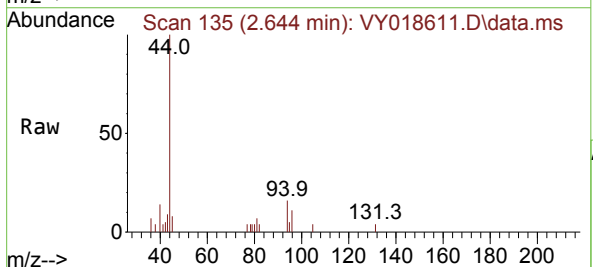


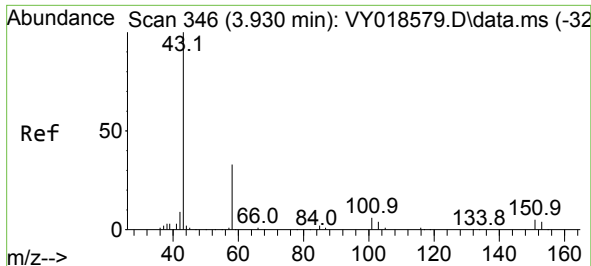
Tgt Ion:168 Resp: 49655
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#5
Bromomethane
Concen: 1.184 ug/l
RT: 2.644 min Scan# 135
Delta R.T. 0.006 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

Tgt Ion: 94 Resp: 734
Ion Ratio Lower Upper
94 100
96 68.1 74.1 111.1#





#16

Acetone

Concen: 2.006 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.012 min

Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

Instrument :

MSVOA_Y

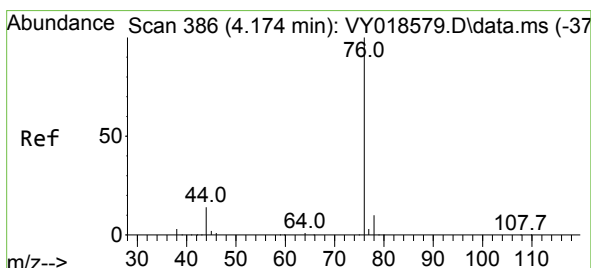
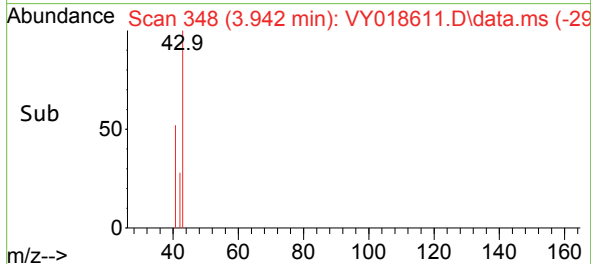
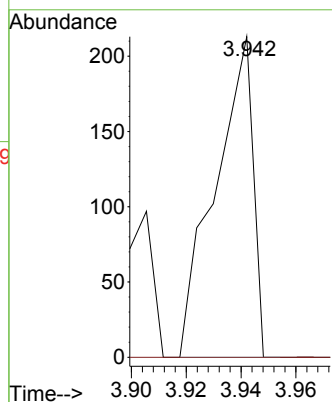
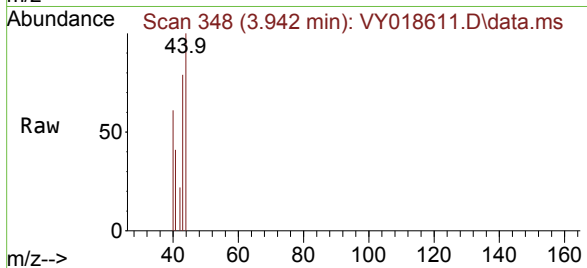
ClientSampleId :

Tgt Ion: 43 Resp: 204

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#



#17

Carbon Disulfide

Concen: 2.238 ug/l

RT: 4.180 min Scan# 387

Delta R.T. 0.006 min

Lab File: VY018611.D

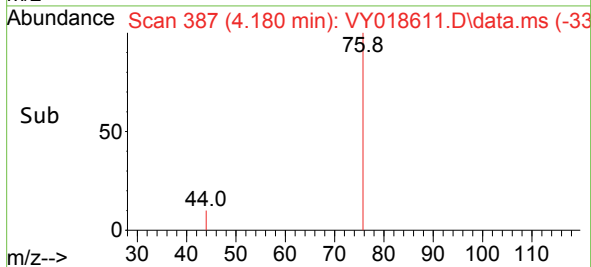
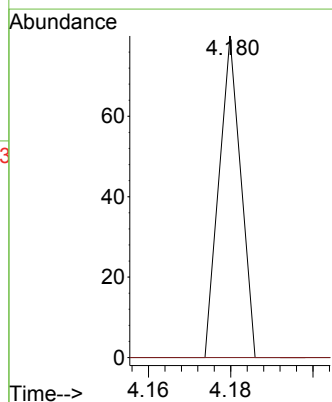
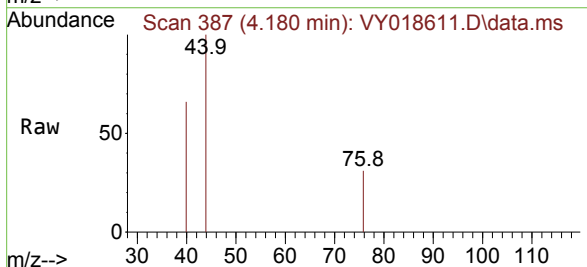
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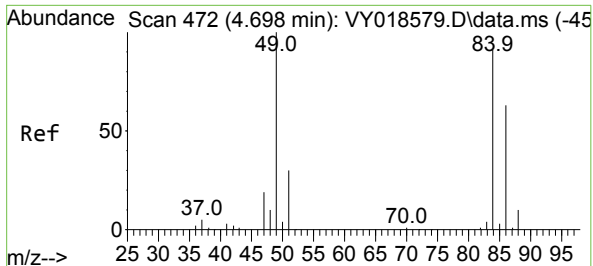
Tgt Ion: 76 Resp: 29

Ion Ratio Lower Upper

76 100

78 0.0 6.8 10.2#





#20

Methylene Chloride

Concen: 8.462 ug/l

RT: 4.692 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 9970

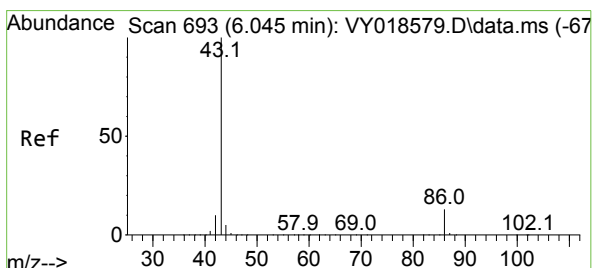
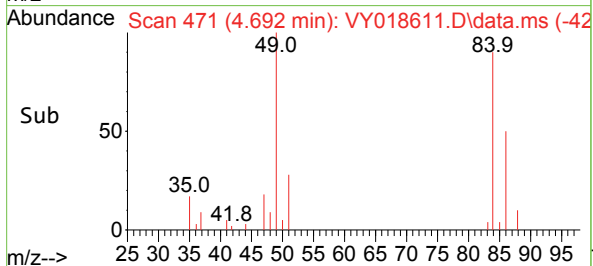
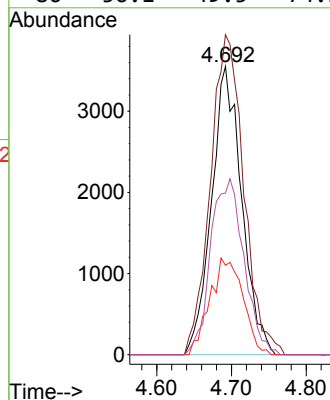
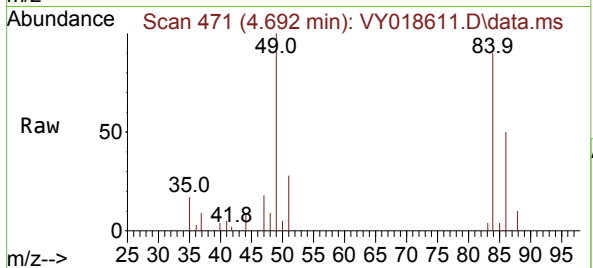
Ion Ratio Lower Upper

84 100

49 111.0 84.4 126.6

51 31.1 26.0 39.0

86 56.1 49.5 74.3



#23

Vinyl Acetate

Concen: 23.713 ug/l

RT: 6.082 min Scan# 699

Delta R.T. 0.037 min

Lab File: VY018611.D

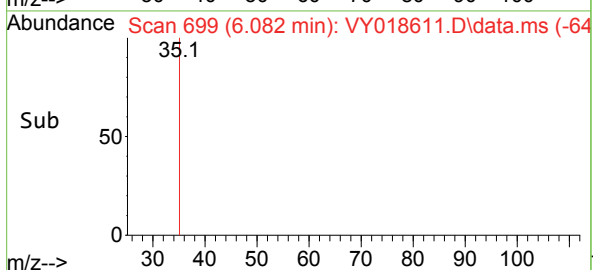
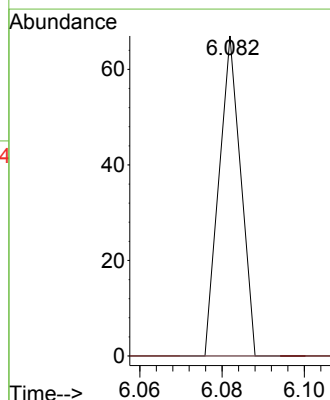
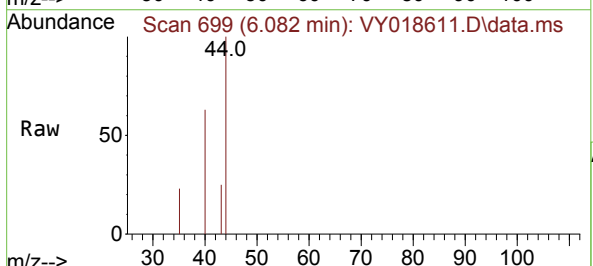
Acq: 17 Jun 2024 15:44

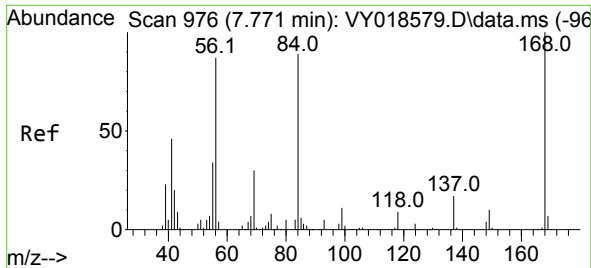
Tgt Ion: 43 Resp: 25

Ion Ratio Lower Upper

43 100

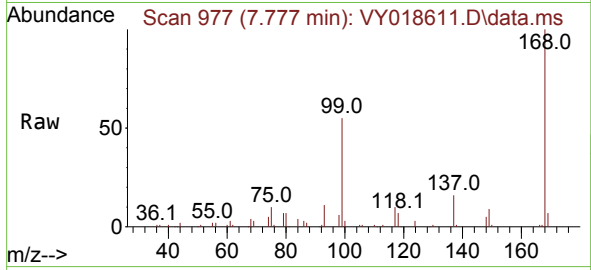
86 0.0 10.6 16.0#



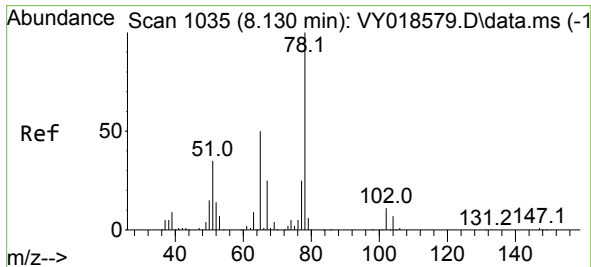
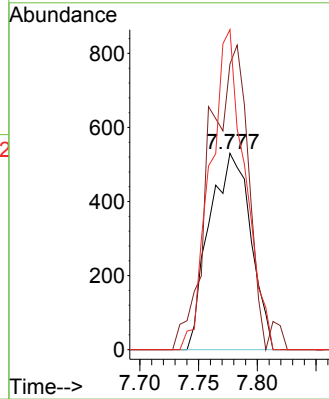
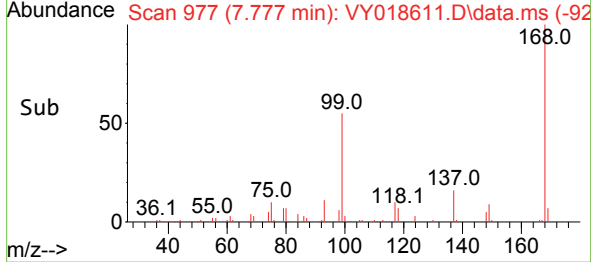


#31
Cyclohexane
Concen: 1.699 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

Instrument :
MSVOA_Y
ClientSampleId :

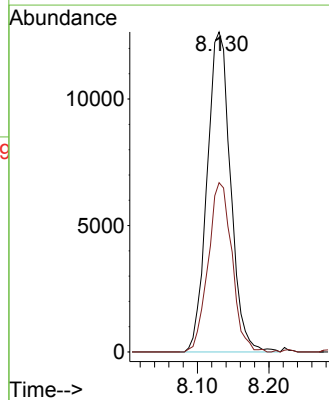
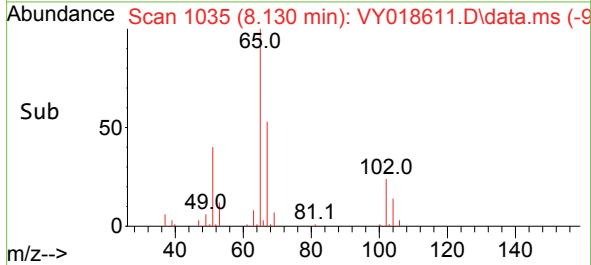
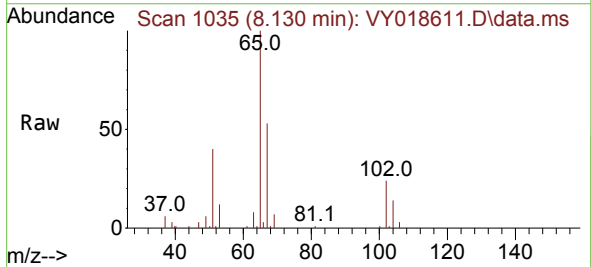


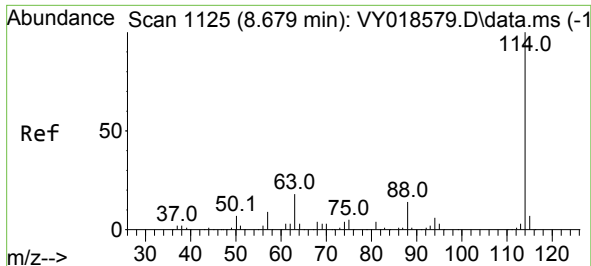
Tgt Ion: 56 Resp: 1301
Ion Ratio Lower Upper
56 100
69 133.2 28.7 43.1#
84 163.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 57.673 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

Tgt Ion: 65 Resp: 28832
Ion Ratio Lower Upper
65 100
67 53.6 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. 0.000 min

Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :

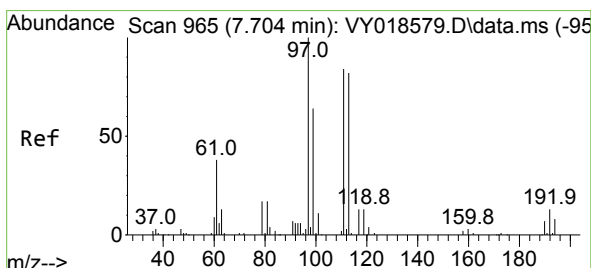
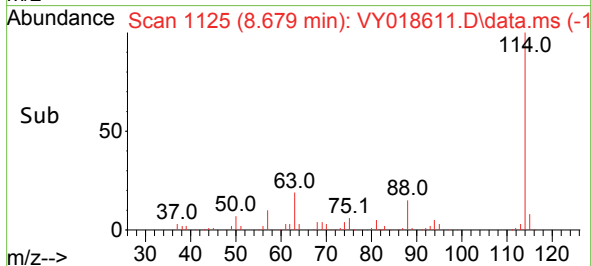
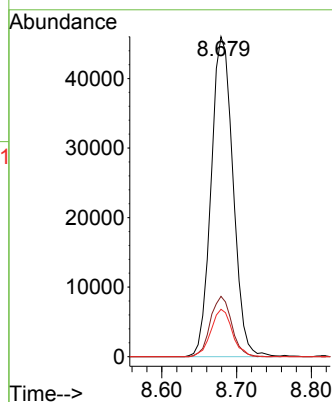
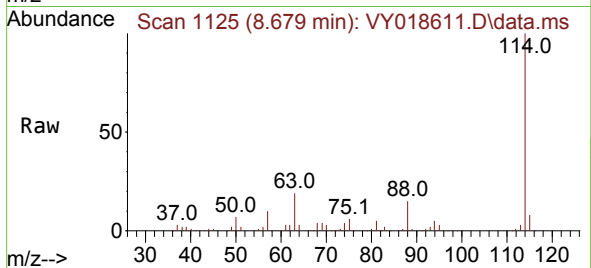
Tgt Ion:114 Resp: 93718

Ion Ratio Lower Upper

114 100

63 18.9 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.543 ug/l

RT: 7.704 min Scan# 965

Delta R.T. 0.000 min

Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

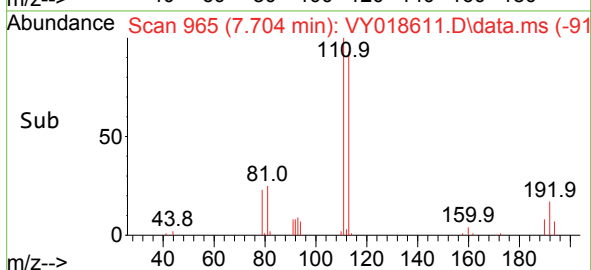
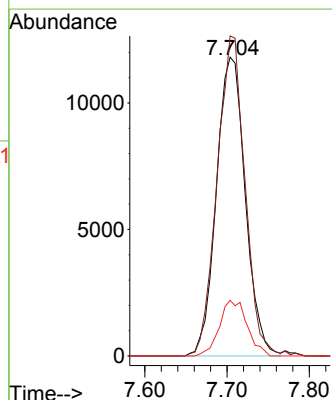
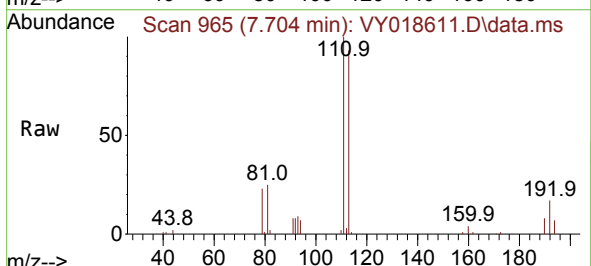
Tgt Ion:113 Resp: 28895

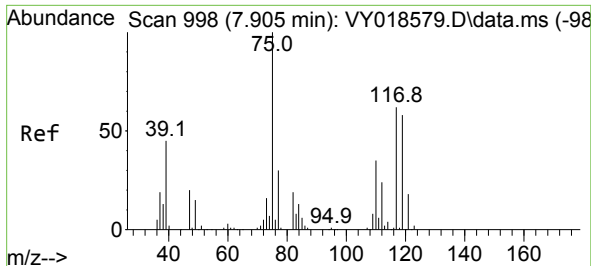
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

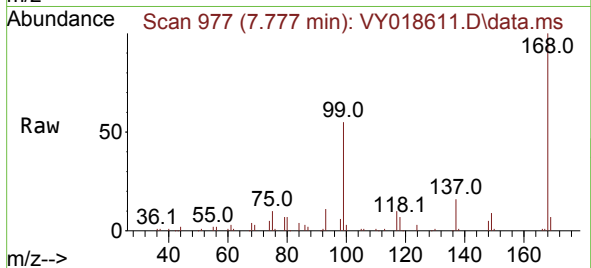
192 17.9 15.9 23.9



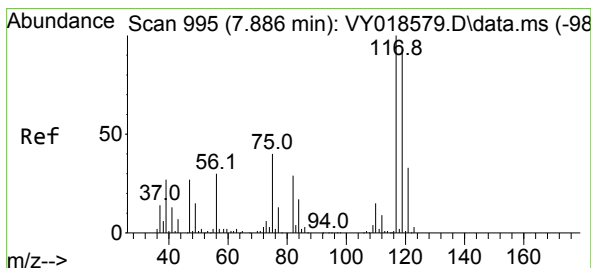
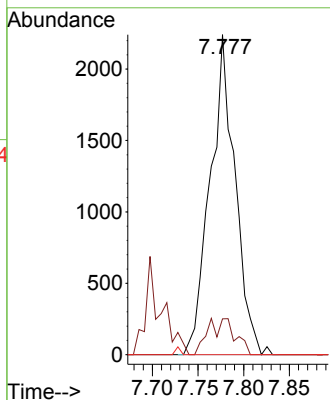
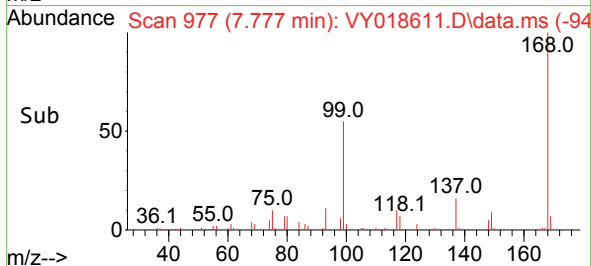


#36
1,1-Dichloropropene
Concen: 5.414 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

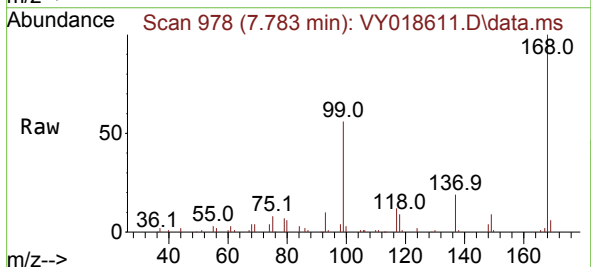
Instrument :
MSVOA_Y
ClientSampleId :



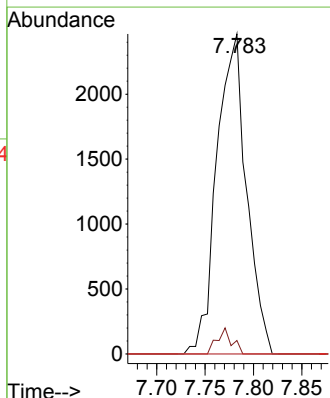
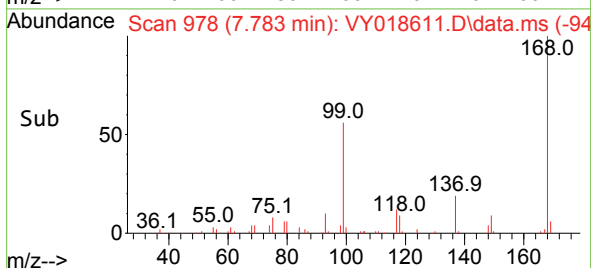
Tgt Ion: 75 Resp: 4260
Ion Ratio Lower Upper
75 100
110 12.2 19.0 57.0#
77 0.0 25.3 37.9#

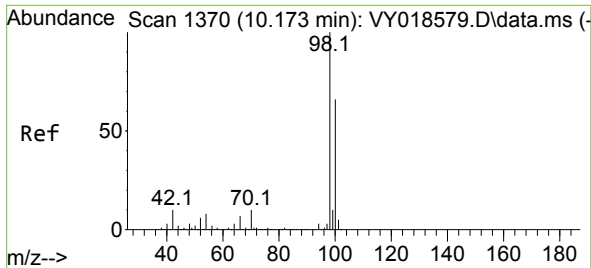


#38
Carbon Tetrachloride
Concen: 6.368 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.104 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44



Tgt Ion: 117 Resp: 5257
Ion Ratio Lower Upper
117 100
119 4.2 75.8 113.6#
121 0.0 24.0 36.0#

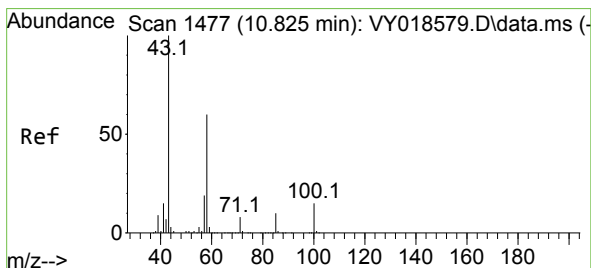
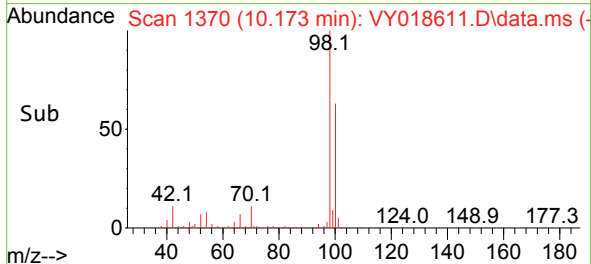
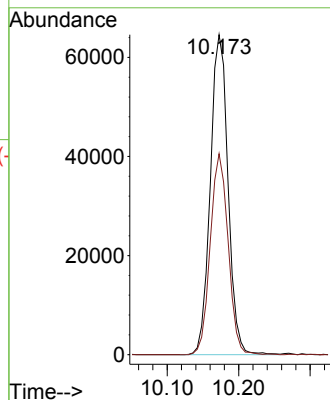
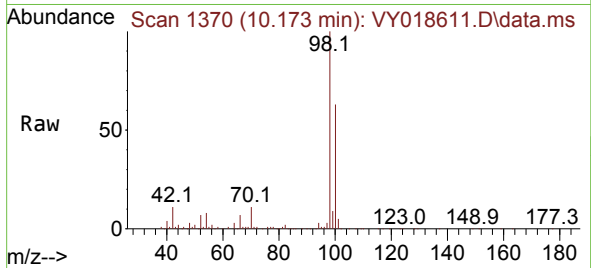




#50
Toluene-d8
Concen: 50.505 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

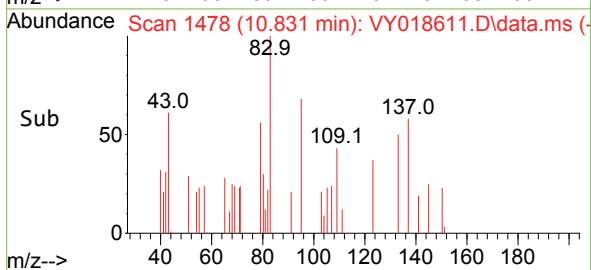
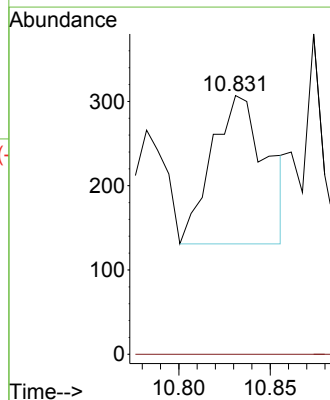
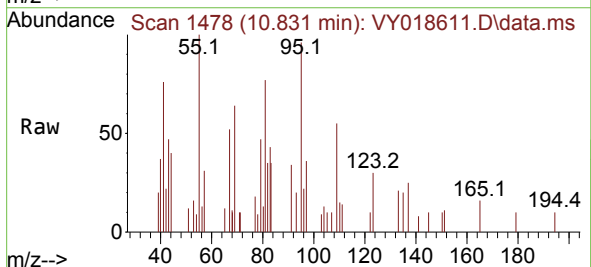
Instrument :
MSVOA_Y
ClientSampleId :

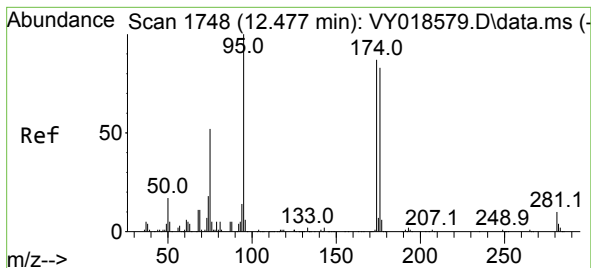
Tgt Ion: 98 Resp: 111037
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#59
2-Hexanone
Concen: 1.437 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

Tgt Ion: 43 Resp: 367
Ion Ratio Lower Upper
43 100
58 0.0 31.4 94.0#

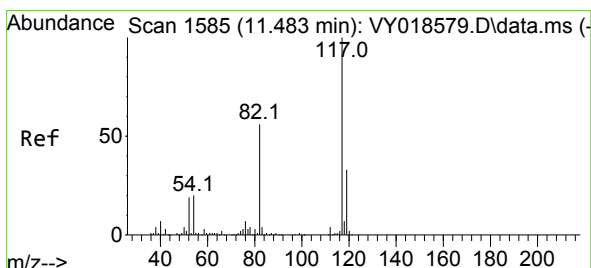
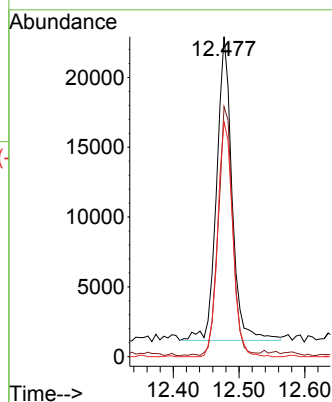
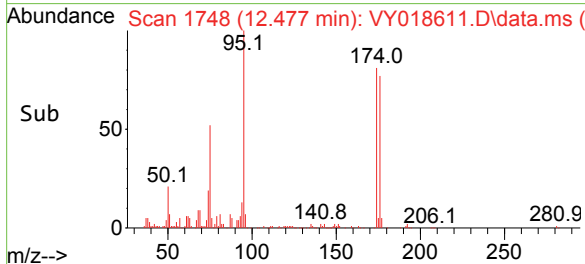
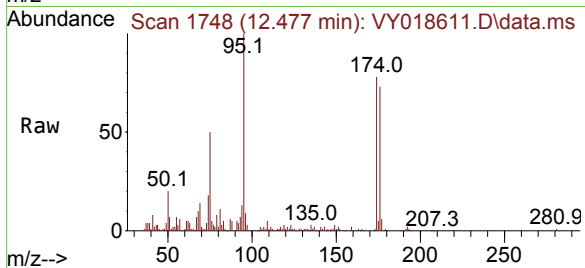




#62
4-Bromofluorobenzene
Concen: 51.200 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

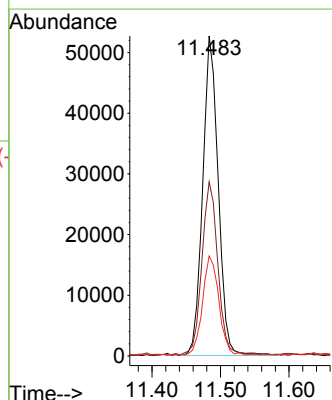
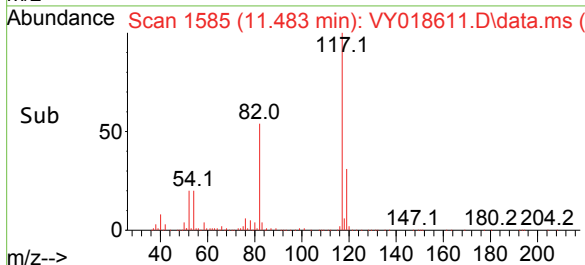
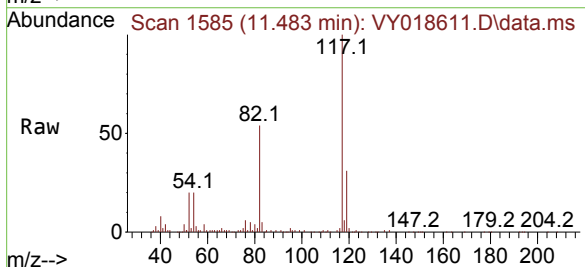
Instrument :
MSVOA_Y
ClientSampleId :

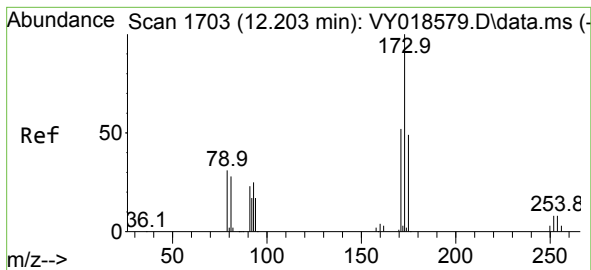
Tgt Ion: 95 Resp: 35545
Ion Ratio Lower Upper
95 100
174 77.4 0.0 175.6
176 75.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

Tgt Ion: 117 Resp: 83175
Ion Ratio Lower Upper
117 100
82 54.1 42.4 63.6
119 30.8 25.9 38.9





#71

Bromoform

Concen: 1.032 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

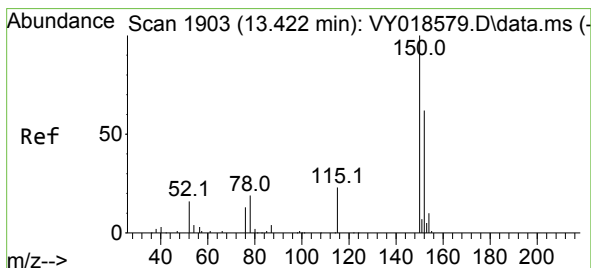
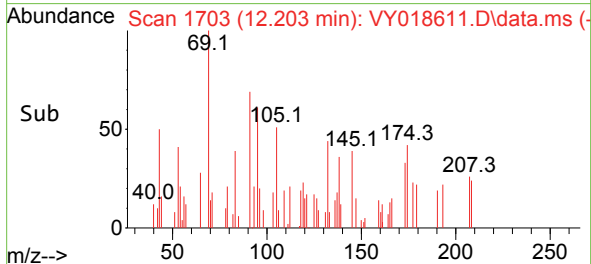
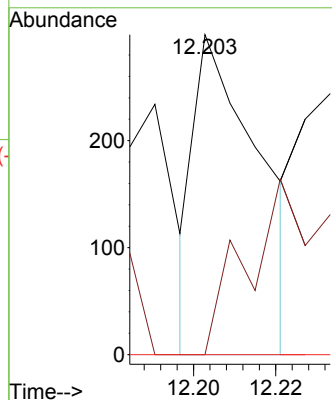
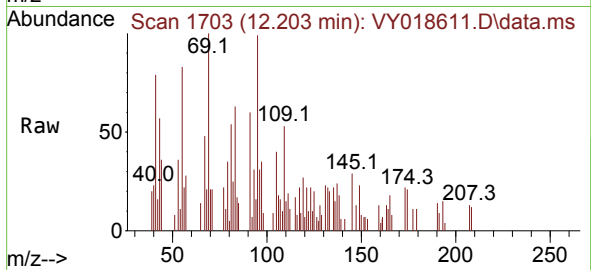
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173 Resp: 326

Ion	Ratio	Lower	Upper
173	100		
175	0.0	25.1	75.3#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

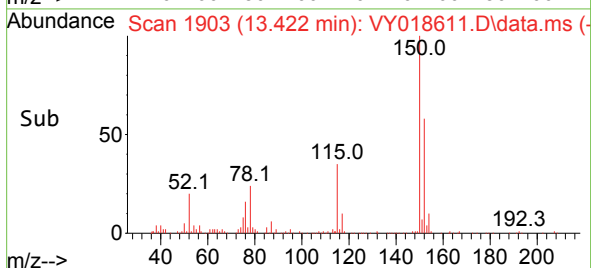
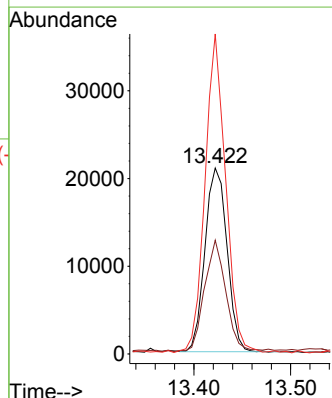
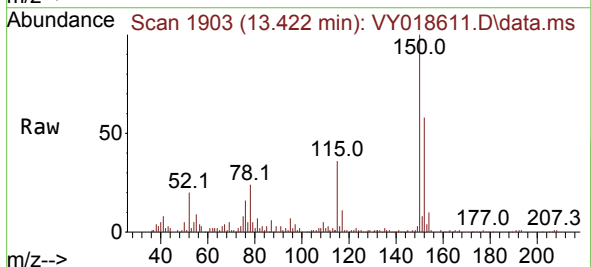
Delta R.T. 0.000 min

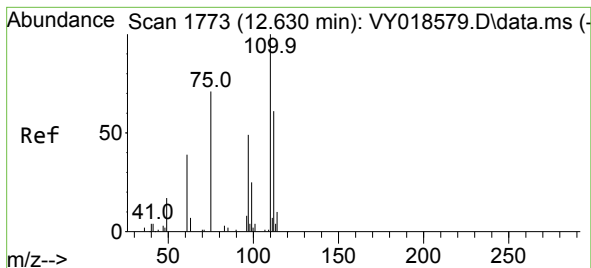
Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

Tgt Ion:152 Resp: 33301

Ion	Ratio	Lower	Upper
152	100		
115	58.4	28.2	84.7
150	160.8	0.0	345.6

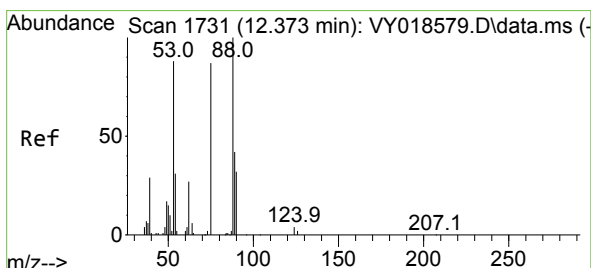
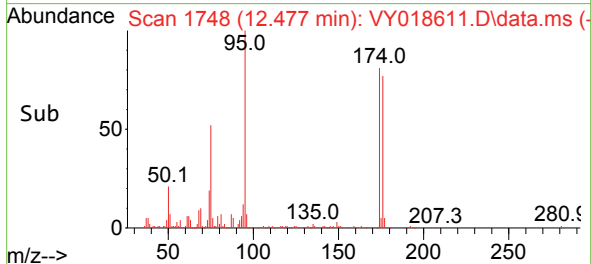
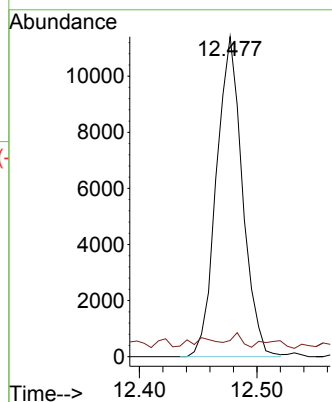
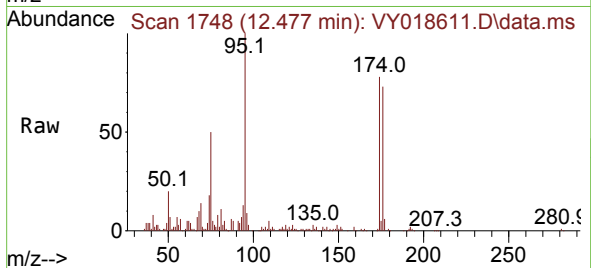




#76
1,2,3-Trichloropropane
Concen: 56.288 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

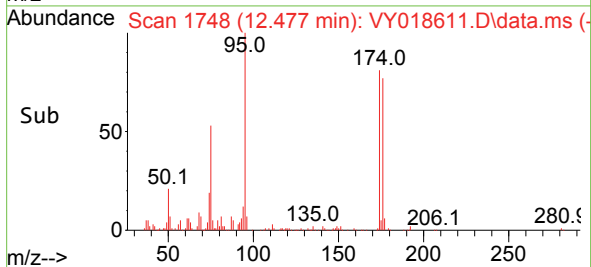
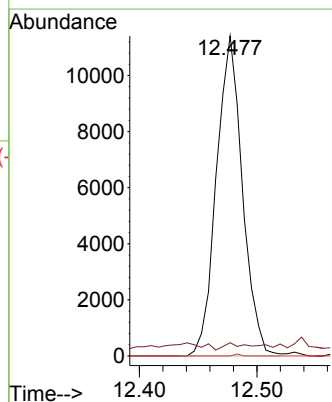
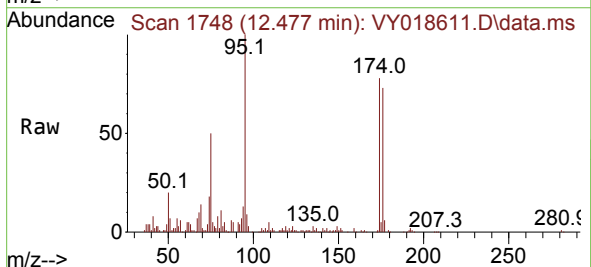
Instrument :
MSVOA_Y
ClientSampleId :

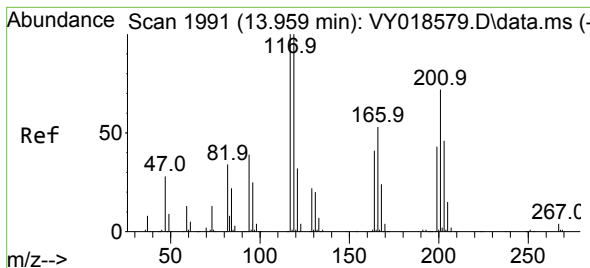
Tgt Ion: 75 Resp: 17583
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 147.438 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018611.D
Acq: 17 Jun 2024 15:44

Tgt Ion: 75 Resp: 17583
Ion Ratio Lower Upper
75 100
53 2.2 66.8 100.2#
89 0.1 35.8 53.6#





#90

Hexachloroethane

Concen: 2.001 ug/l

RT: 13.952 min Scan# 1990

Delta R.T. -0.006 min

Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

Instrument :

MSVOA_Y

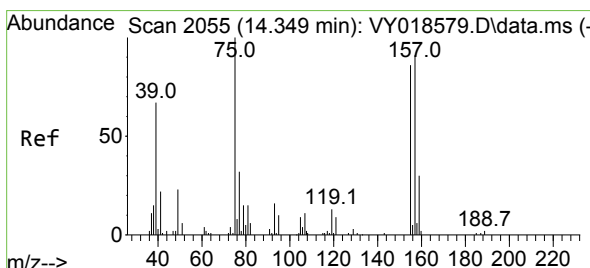
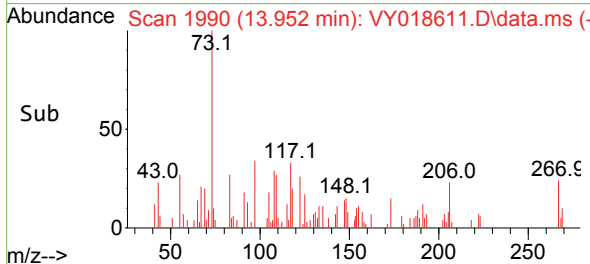
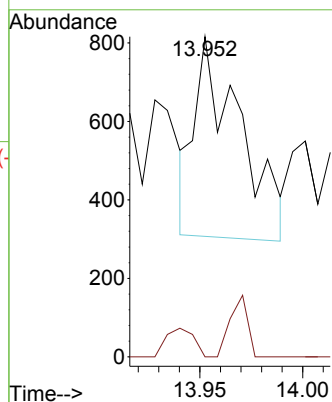
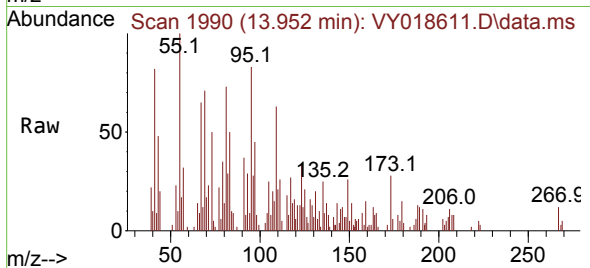
ClientSampleId :

Tgt Ion:117 Resp: 784

Ion Ratio Lower Upper

117 100

201 8.7 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 11.900 ug/l

RT: 14.221 min Scan# 2034

Delta R.T. -0.128 min

Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

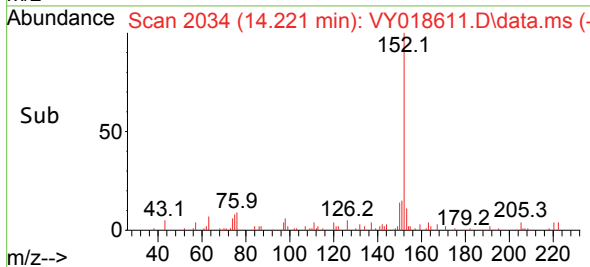
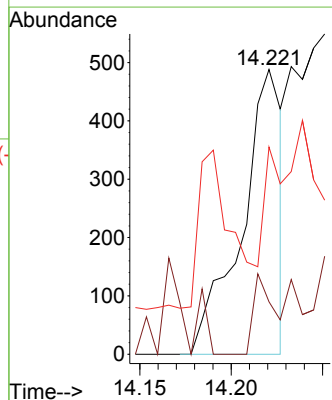
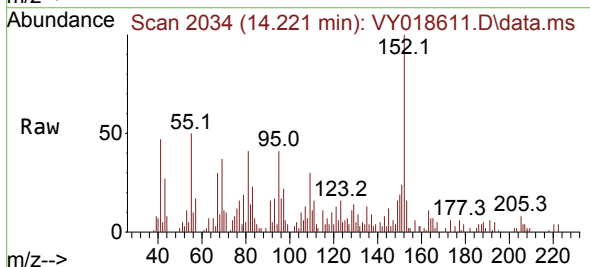
Tgt Ion: 75 Resp: 744

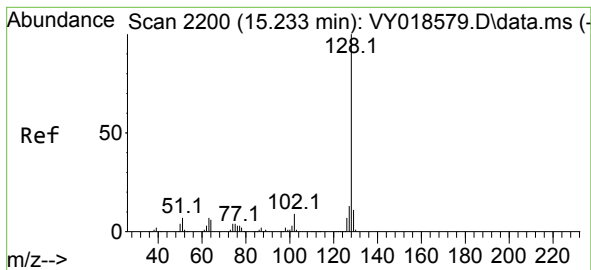
Ion Ratio Lower Upper

75 100

155 14.1 48.6 145.8#

157 0.0 62.7 188.2#





#95

Naphthalene

Concen: 1.829 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

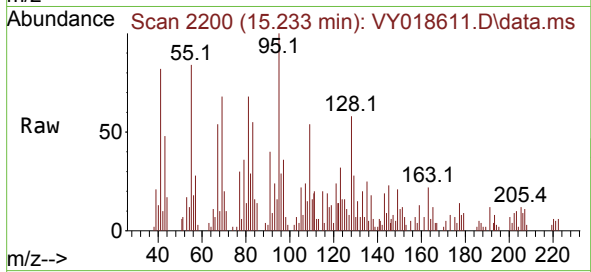
Lab File: VY018611.D

Acq: 17 Jun 2024 15:44

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:128 Resp: 1845

Ion Ratio Lower Upper

128 100

127 10.4 10.6 16.0#

129 28.7 8.6 13.0#

