

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018114.D
 Acq On : 02 May 2024 14:07
 Operator : SY/MD
 Sample : P2322-02
 Misc : 6.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:03:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

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

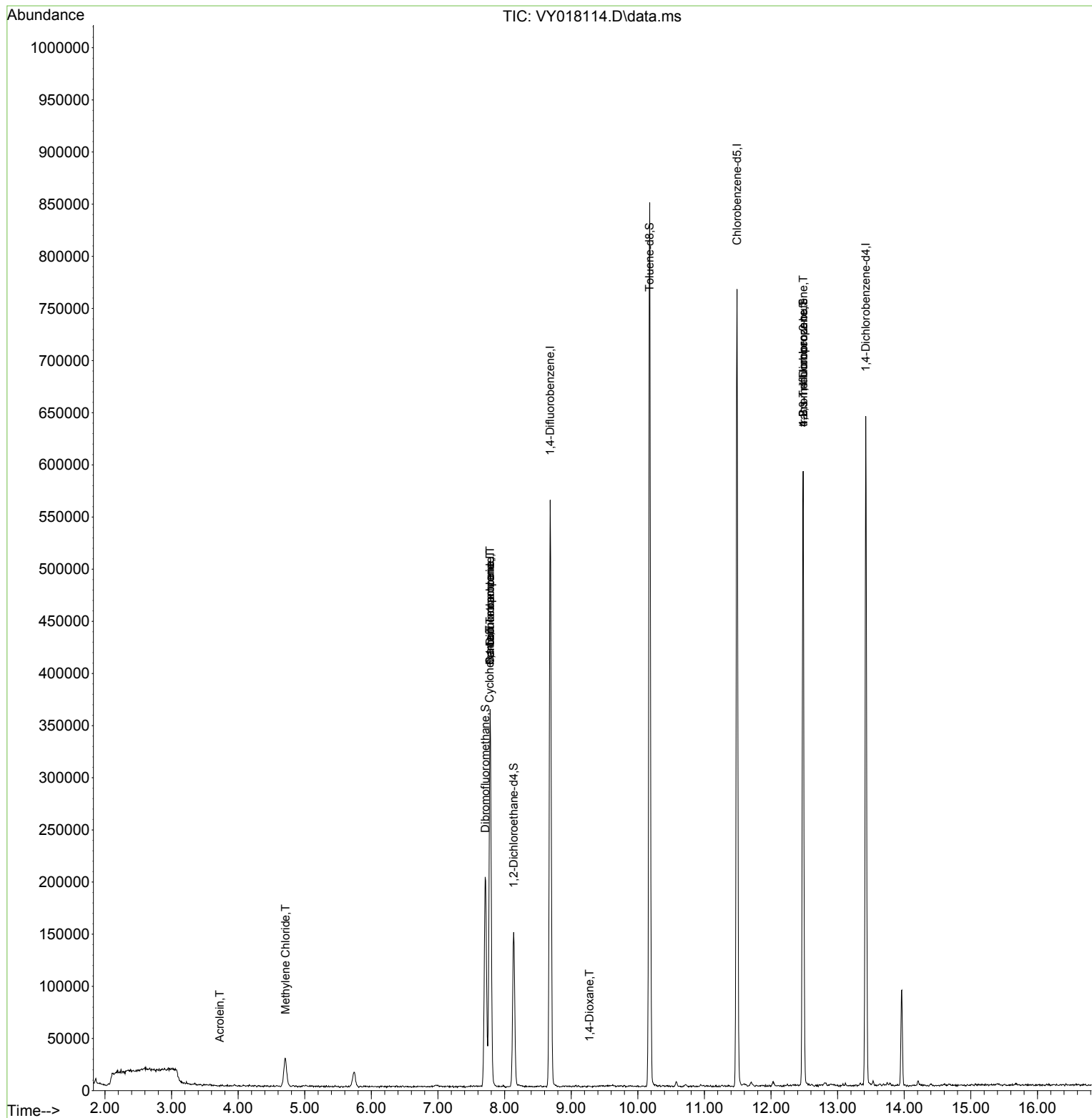
Internal Standards						
1) Pentafluorobenzene	7.783	168	297691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	523428	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	446095	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	169409	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111129	47.359	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.720%		
35) Dibromofluoromethane	7.710	113	147877	49.161	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.320%		
50) Toluene-d8	10.179	98	570947	48.620	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.240%		
62) 4-Bromofluorobenzene	12.483	95	173361	42.898	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.800%		
Target Compounds						
					Qvalue	
13) Acrolein	3.723	56	369	1.296	ug/l	95
20) Methylene Chloride	4.710	84	22033	7.034	ug/l	99
31) Cyclohexane	7.777	56	5711	1.270	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	19973	4.974	ug/l #	49
38) Carbon Tetrachloride	7.783	117	26570	5.830	ug/l #	15
49) 1,4-Dioxane	9.276	88	62	3.265	ug/l #	66
76) 1,2,3-Trichloropropane	12.483	75	83839	58.968	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	83839	107.426	ug/l #	16

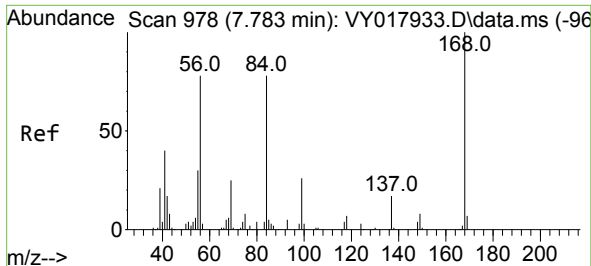
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
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Quant Time: May 02 23:03:45 2024
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Quant Title : SW846 8260
QLast Update : Wed May 01 16:21:20 2024
Response via : Initial Calibration

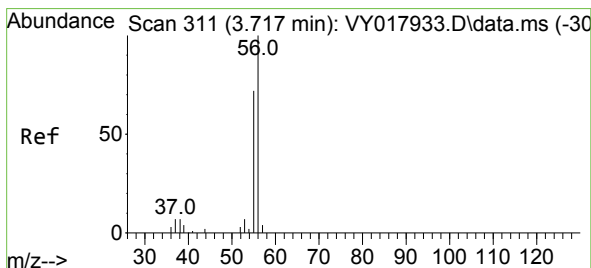
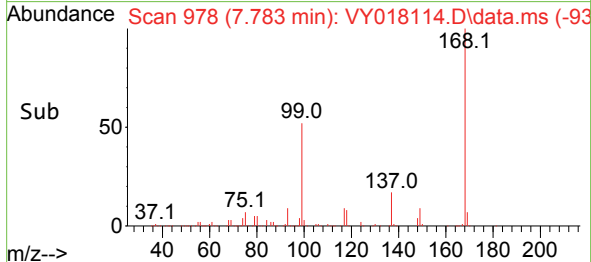
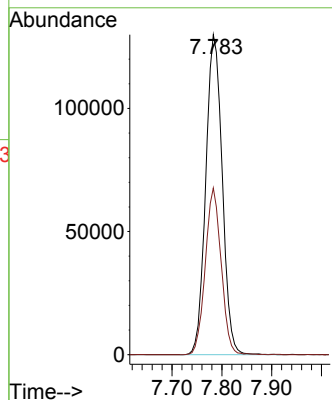
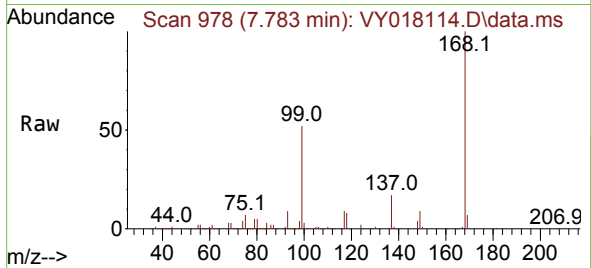




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

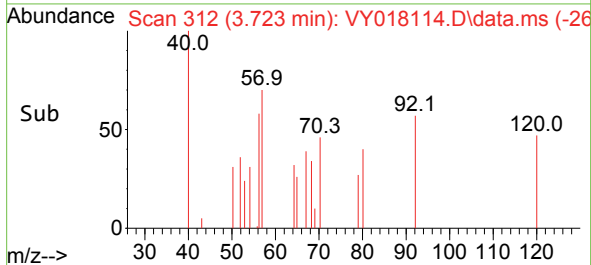
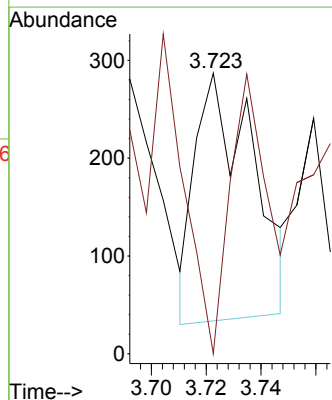
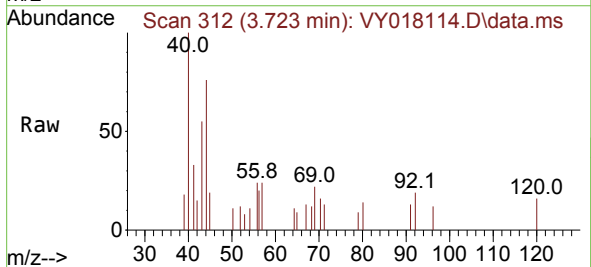
Instrument :
MSVOA_Y
ClientSampleId :

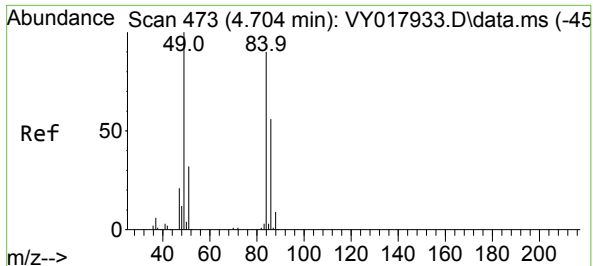
Tgt Ion:168 Resp: 297691
Ion Ratio Lower Upper
168 100
99 52.1 39.1 58.7



#13
Acrolein
Concen: 1.296 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

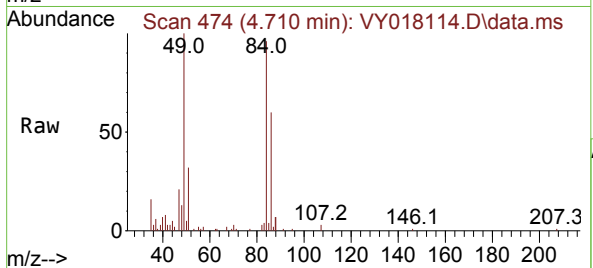
Tgt Ion: 56 Resp: 369
Ion Ratio Lower Upper
56 100
55 73.7 55.7 83.5



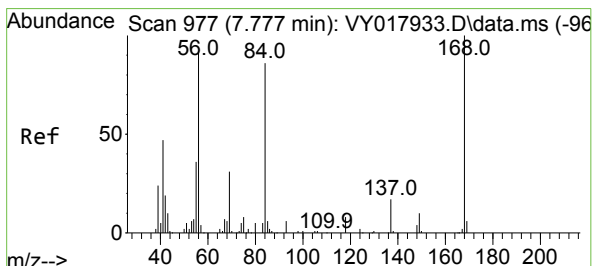
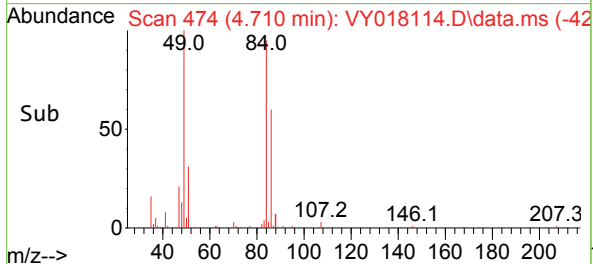
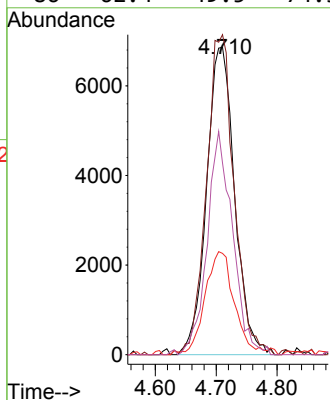


#20
Methylene Chloride
Concen: 7.034 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

Instrument :
MSVOA_Y
ClientSampleId :

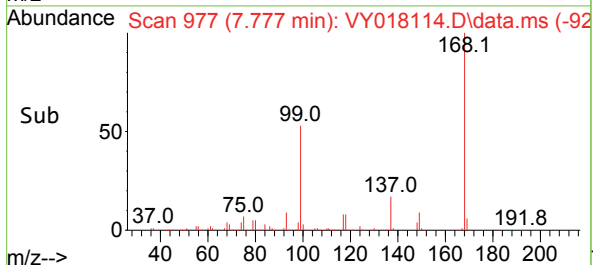
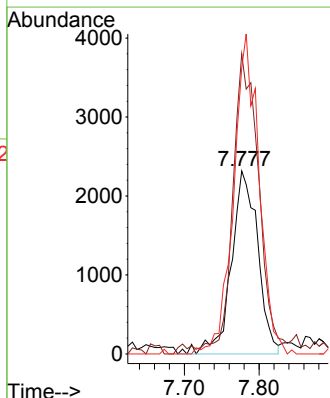
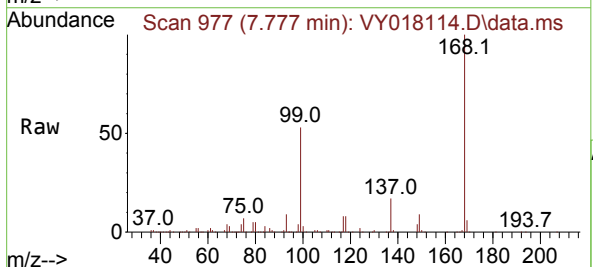


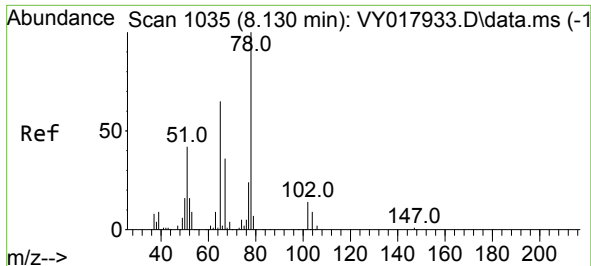
Tgt Ion:	84	Resp:	22033
Ion	Ratio	Lower	Upper
84	100		
49	103.3	84.4	126.6
51	33.0	26.0	39.0
86	62.4	49.5	74.3



#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

Tgt Ion:	56	Resp:	5711
Ion	Ratio	Lower	Upper
56	100		
69	160.7	28.7	43.1#
84	156.2	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 47.359 ug/l

RT: 8.136 min Scan# 111129

Delta R.T. -0.006 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

Instrument :

MSVOA_Y

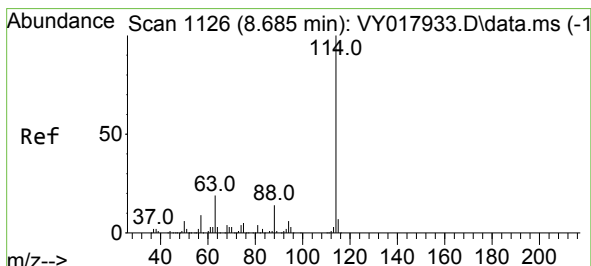
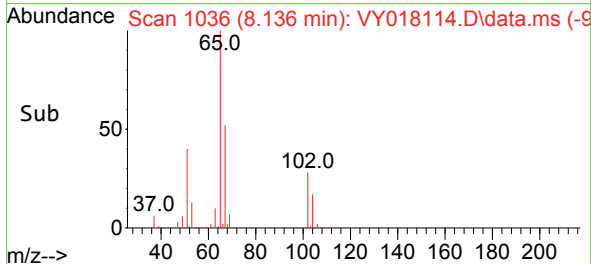
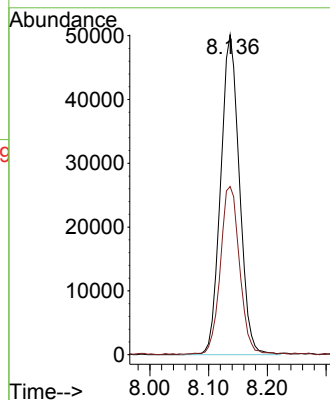
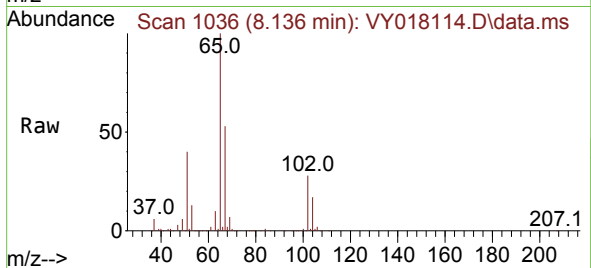
ClientSampleId :

Tgt Ion: 65 Resp: 111129

Ion Ratio Lower Upper

65 100

67 53.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

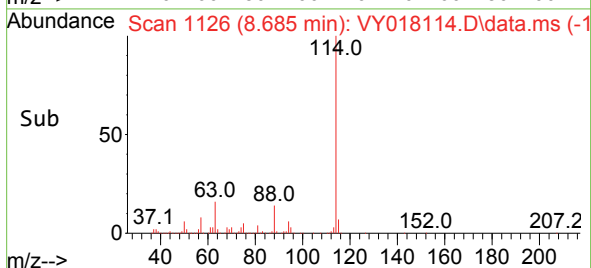
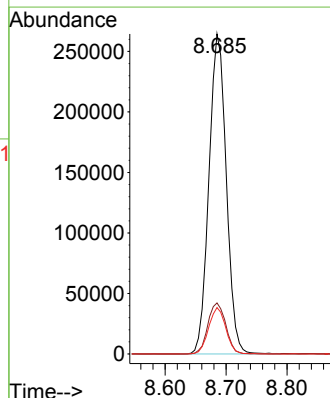
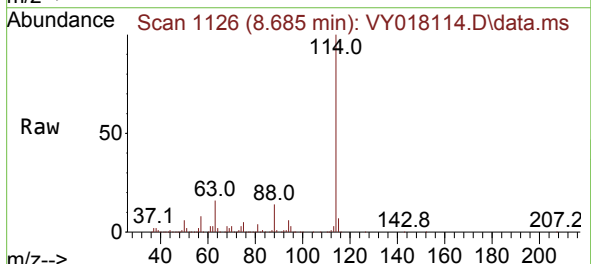
Tgt Ion: 114 Resp: 523428

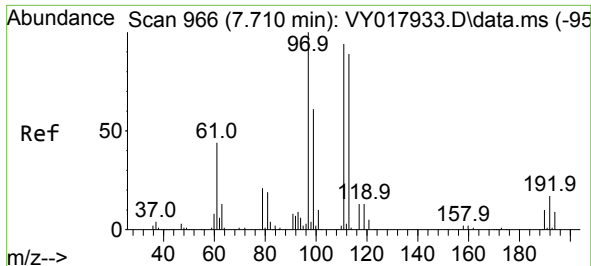
Ion Ratio Lower Upper

114 100

63 16.0 0.0 35.0

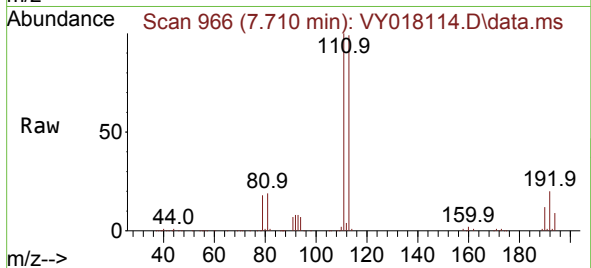
88 14.5 0.0 27.2



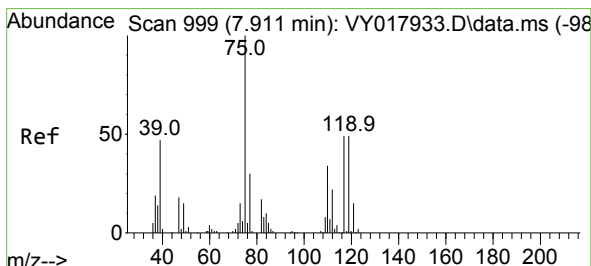
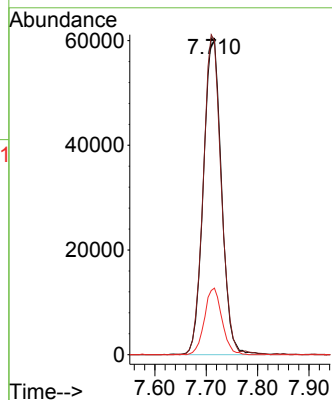
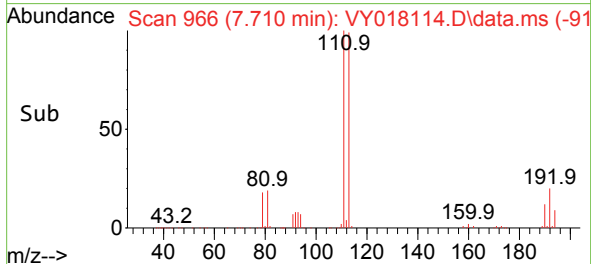


#35
Dibromofluoromethane
Concen: 49.161 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.012 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

Instrument :
MSVOA_Y
ClientSampleId :

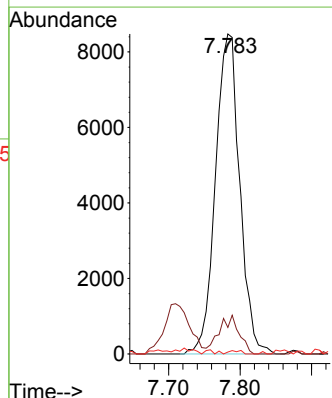
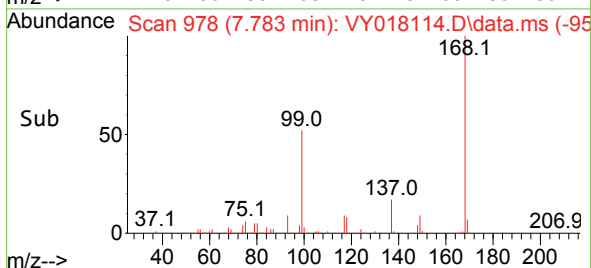
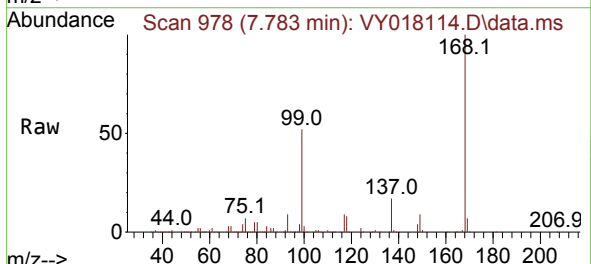


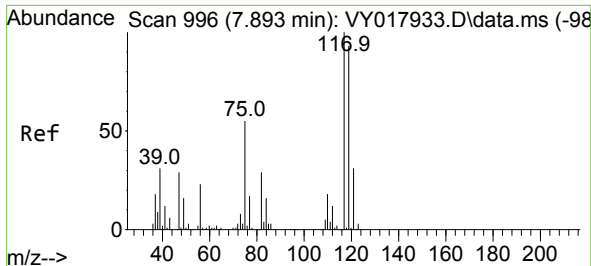
Tgt Ion:113 Resp: 147877
Ion Ratio Lower Upper
113 100
111 100.3 82.2 123.4
192 20.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.974 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

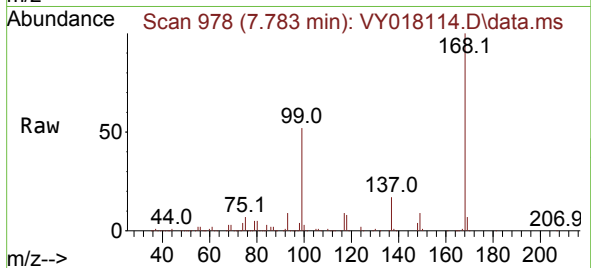
Tgt Ion: 75 Resp: 19973
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.5 25.3 37.9#



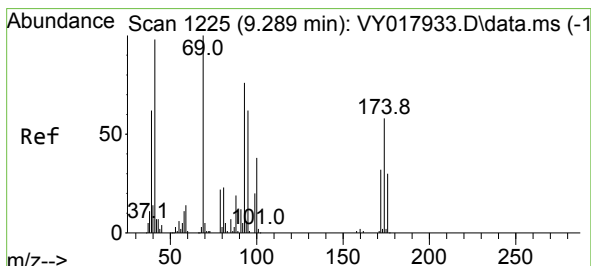
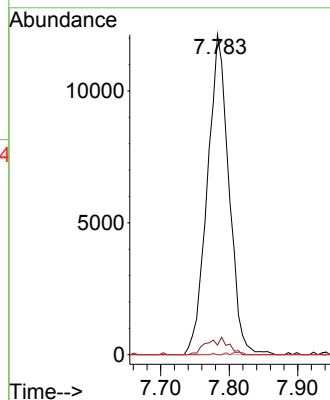
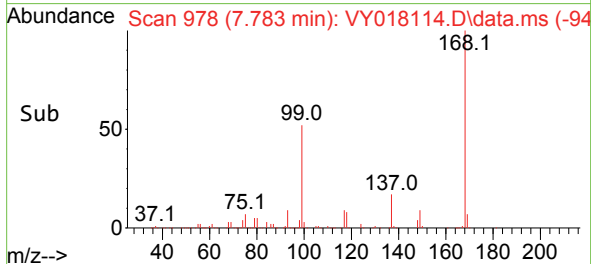


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07

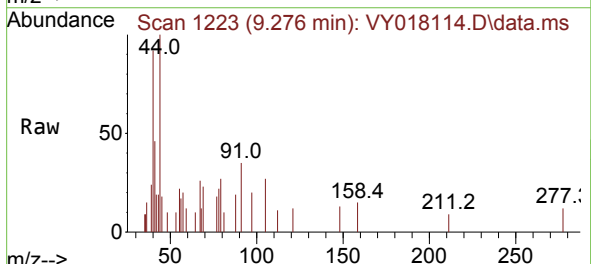
Instrument :
MSVOA_Y
ClientSampleId :



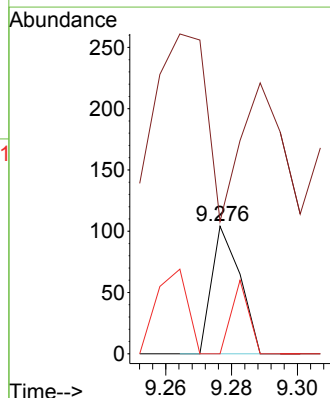
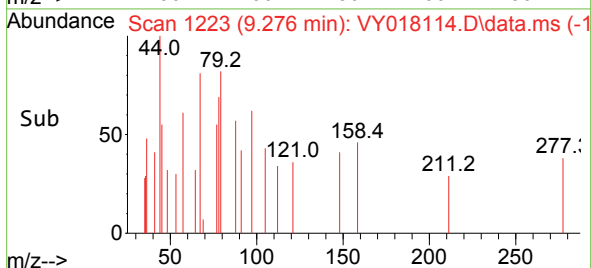
Tgt Ion:117 Resp: 26570
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.0 36.0#

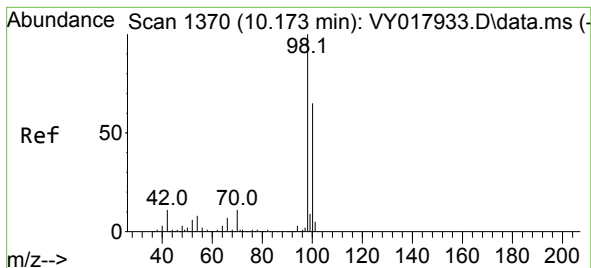


#49
1,4-Dioxane
Concen: 3.265 ug/l
RT: 9.276 min Scan# 1223
Delta R.T. -0.025 min
Lab File: VY018114.D
Acq: 02 May 2024 14:07



Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 151.6 0.0 0.0#
58 35.5 49.3 73.9#





#50

Toluene-d8

Concen: 48.620 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

Instrument :

MSVOA_Y

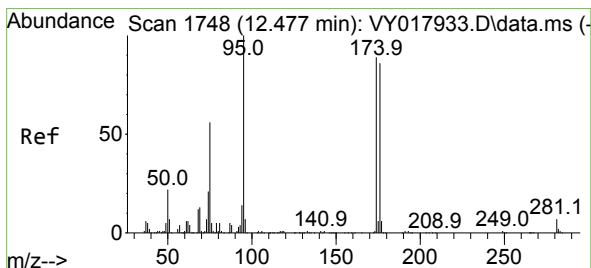
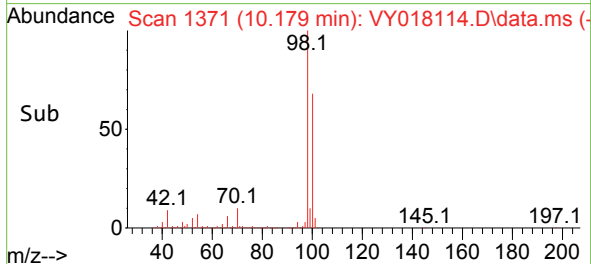
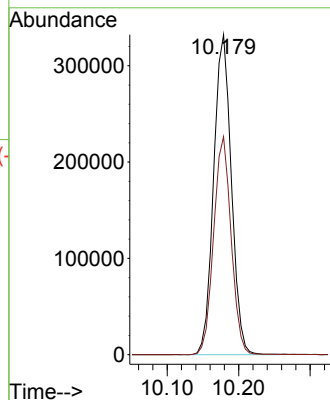
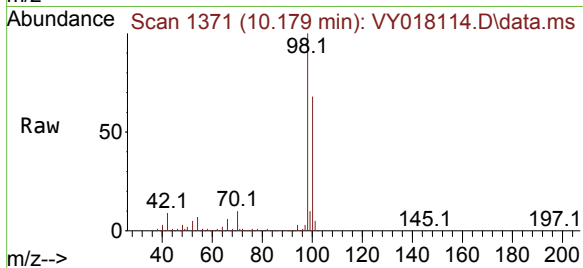
ClientSampleId :

Tgt Ion: 98 Resp: 570947

Ion Ratio Lower Upper

98 100

100 67.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 42.898 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

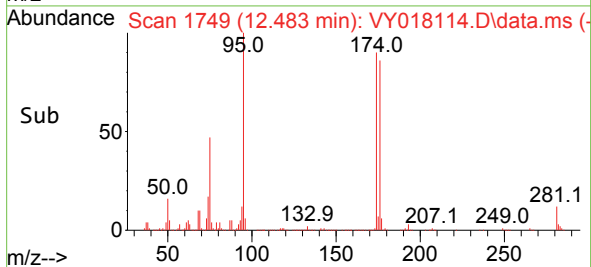
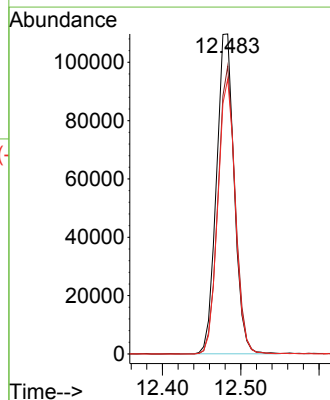
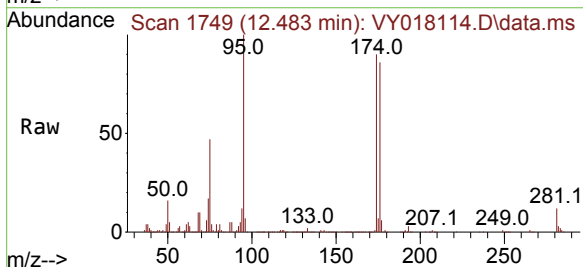
Tgt Ion: 95 Resp: 173361

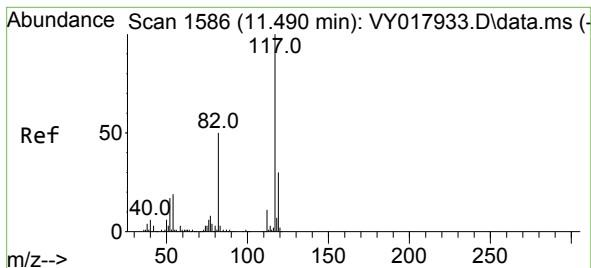
Ion Ratio Lower Upper

95 100

174 87.2 0.0 175.6

176 84.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

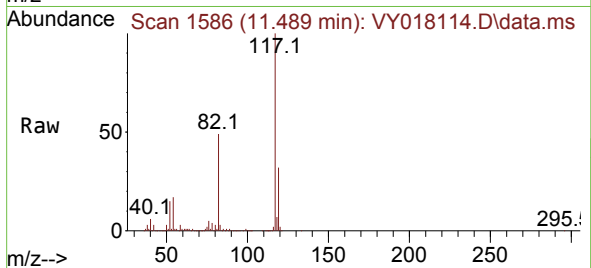
Lab File: VY018114.D

Acq: 02 May 2024 14:07

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ClientSampleId :



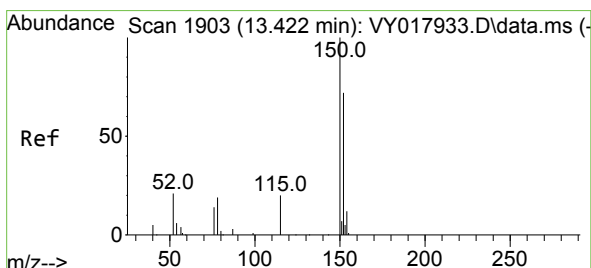
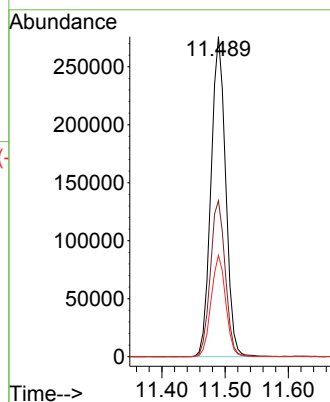
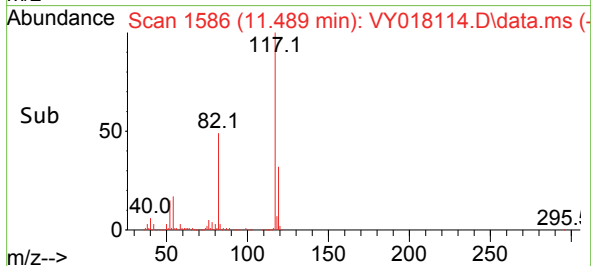
Tgt Ion:117 Resp: 446095

Ion Ratio Lower Upper

117 100

82 48.7 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

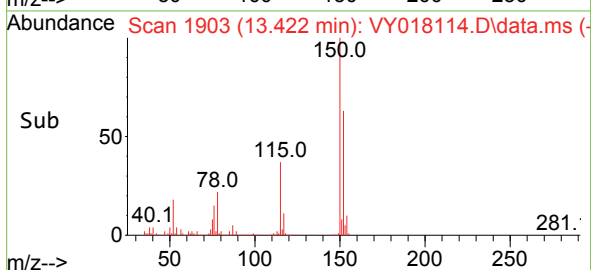
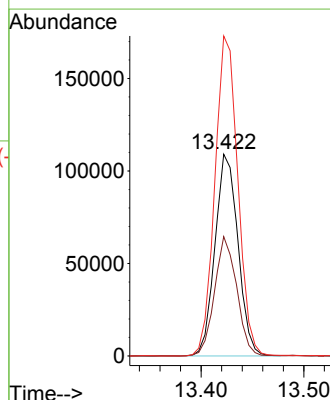
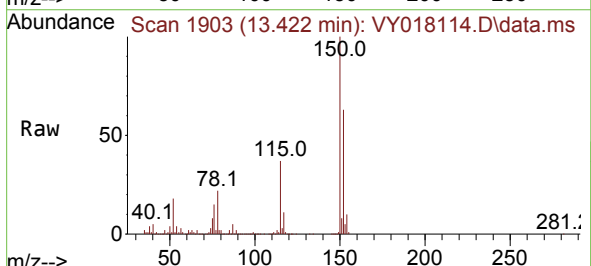
Tgt Ion:152 Resp: 169409

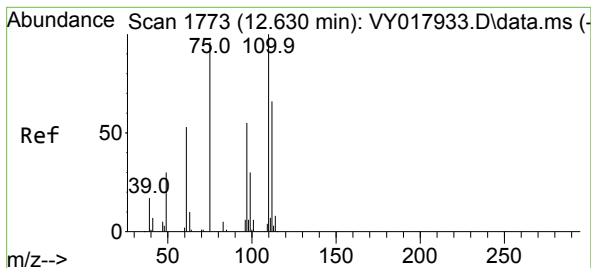
Ion Ratio Lower Upper

152 100

115 57.2 28.2 84.7

150 158.6 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 58.968 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.153 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

Instrument :

MSVOA_Y

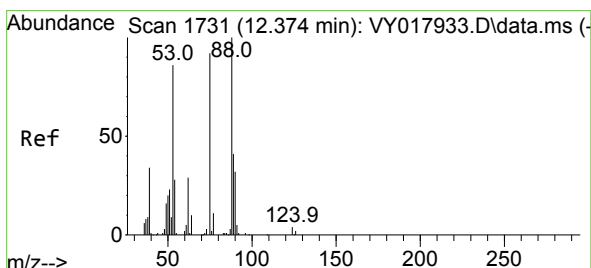
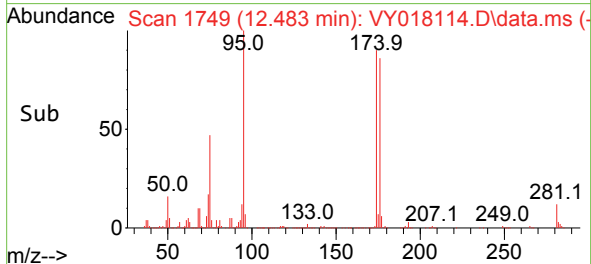
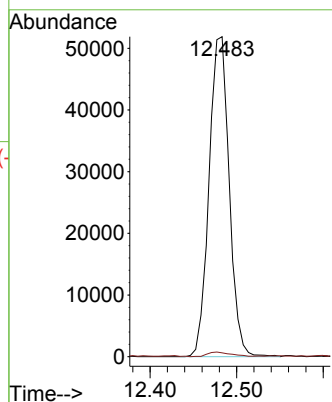
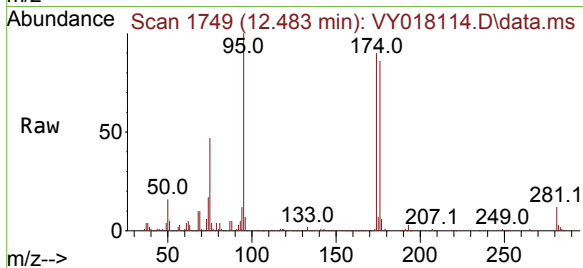
ClientSampleId :

Tgt Ion: 75 Resp: 83839

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 107.426 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018114.D

Acq: 02 May 2024 14:07

Tgt Ion: 75 Resp: 83839

Ion Ratio Lower Upper

75 100

53 0.2 66.8 100.2#

89 0.2 35.8 53.6#

