

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061924\
 Data File : VY018644.D
 Acq On : 19 Jun 2024 14:55
 Operator : SY/MD
 Sample : P2955-02
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 20 02:11:38 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)

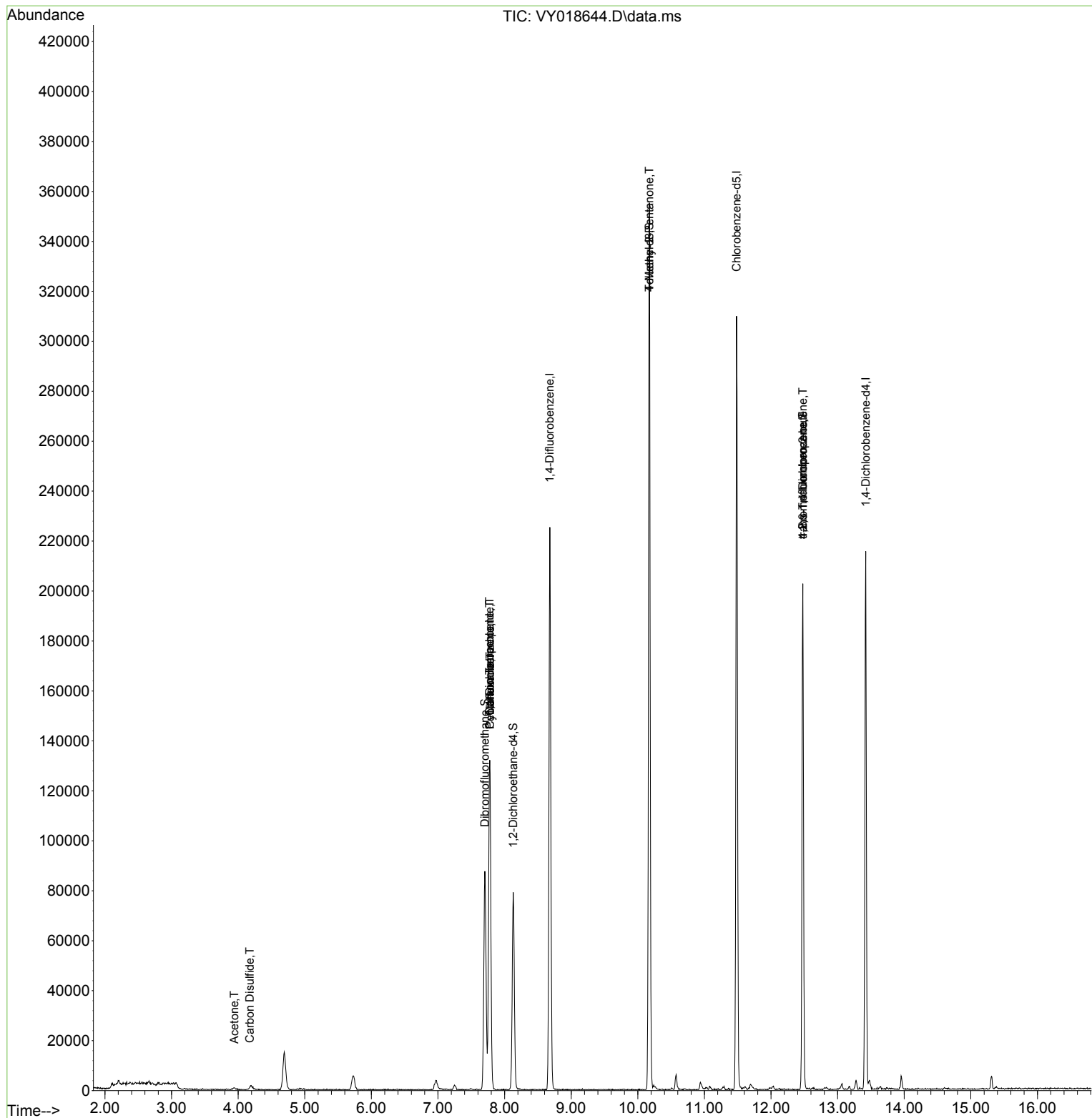
Internal Standards						
1) Pentafluorobenzene	7.783	168	104221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	191339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	168393	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	53657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	59922	57.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.220%
35) Dibromofluoromethane	7.704	113	61594	52.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.540%
50) Toluene-d8	10.173	98	230053	51.252	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.477	95	59413	41.917	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.840%
Target Compounds						
					Qvalue	
16) Acetone	3.942	43	1470	6.886	ug/l	89
17) Carbon Disulfide	4.174	76	327	2.323	ug/l #	76
20) Methylene Chloride	4.698	84	11576	Below Cal		94
31) Cyclohexane	7.783	56	2195	1.366	ug/l #	37
36) 1,1-Dichloropropene	7.777	75	8553	5.324	ug/l #	43
38) Carbon Tetrachloride	7.777	117	10629	6.306	ug/l #	17
51) 4-Methyl-2-Pentanone	10.173	43	1129	1.516	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	32885	65.335	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	32885	171.138	ug/l #	16

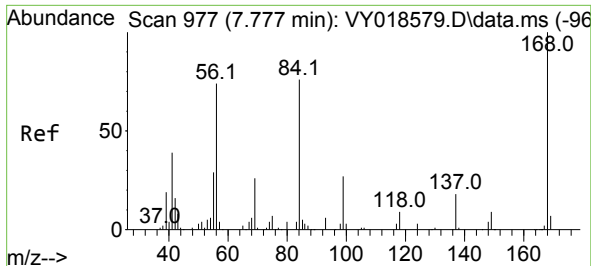
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 20 02:11:38 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

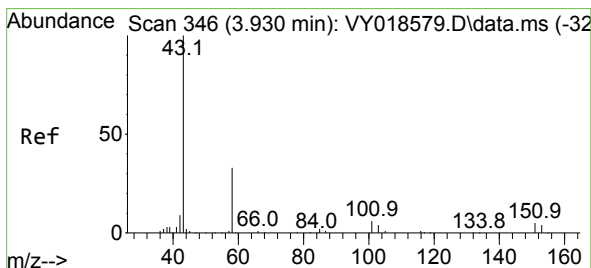
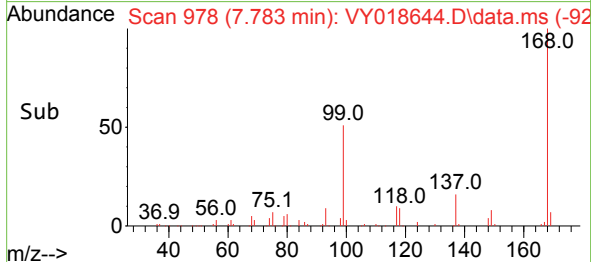
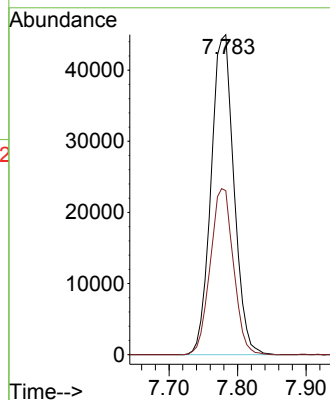
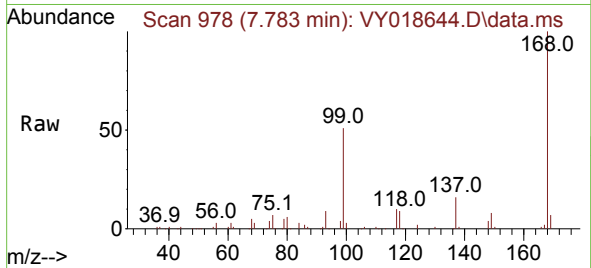




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

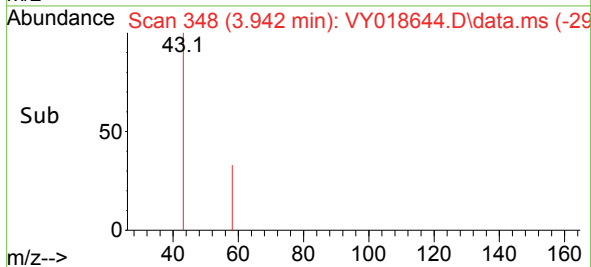
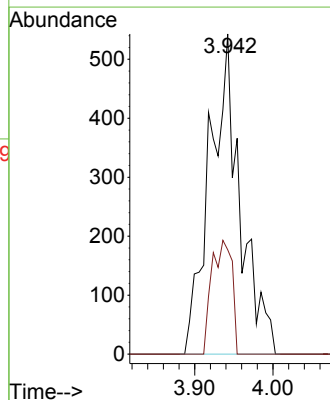
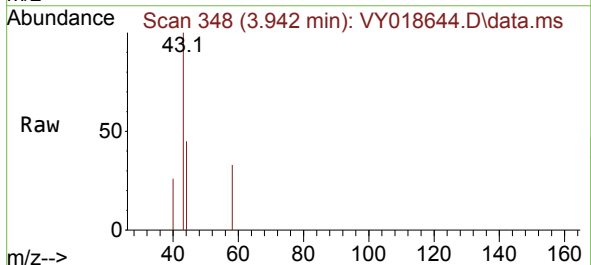
Instrument :
MSVOA_Y
ClientSampleId :

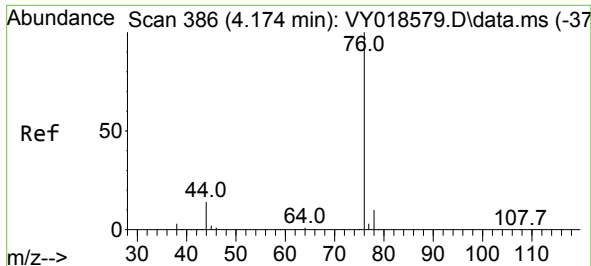
Tgt Ion:168 Resp: 104221
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#16
Acetone
Concen: 6.886 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.012 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

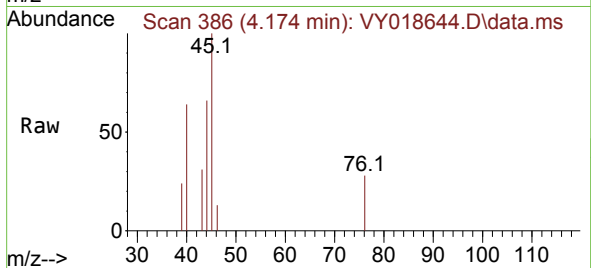
Tgt Ion: 43 Resp: 1470
Ion Ratio Lower Upper
43 100
58 32.6 31.7 47.5



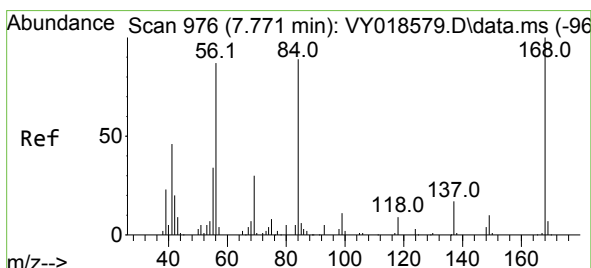
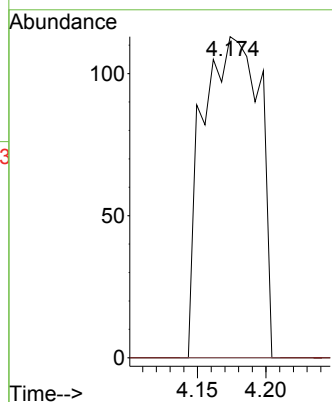
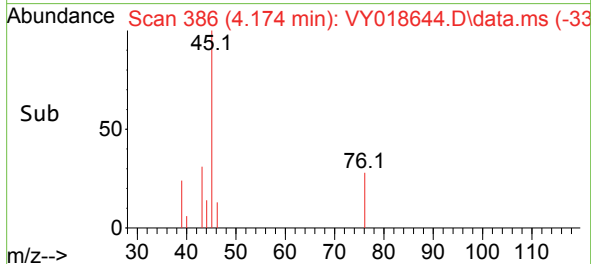


#17
Carbon Disulfide
Concen: 2.323 ug/l
RT: 4.174 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Instrument :
MSVOA_Y
ClientSampleId :

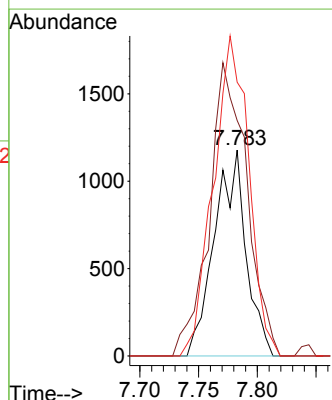
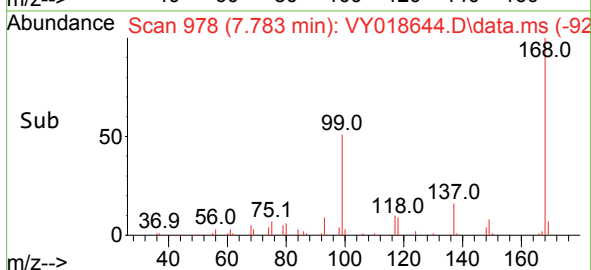
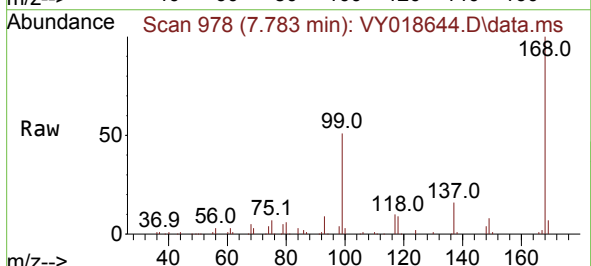


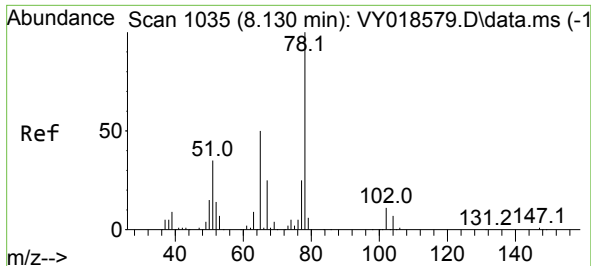
Tgt Ion: 76 Resp: 327
Ion Ratio Lower Upper
76 100
78 0.0 6.8 10.2#



#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.012 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Tgt Ion: 56 Resp: 2195
Ion Ratio Lower Upper
56 100
69 114.4 28.7 43.1#
84 132.9 77.7 116.5#

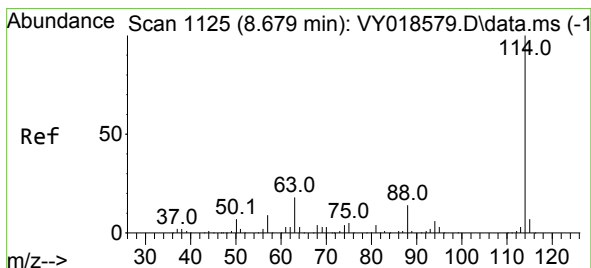
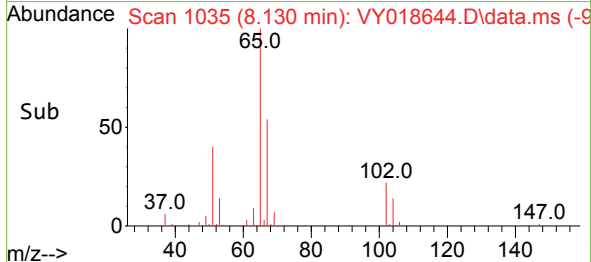
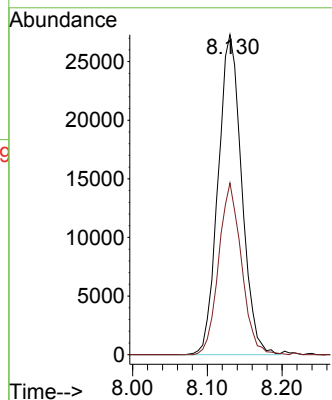
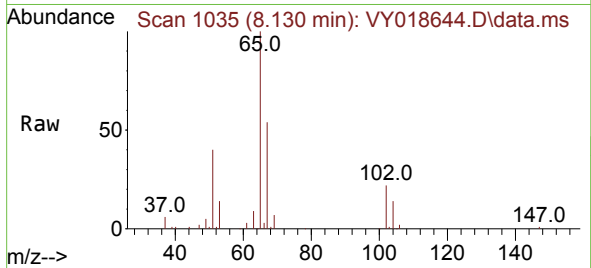




#33
 1,2-Dichloroethane-d4
 Concen: 57.107 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VY018644.D
 Acq: 19 Jun 2024 14:55

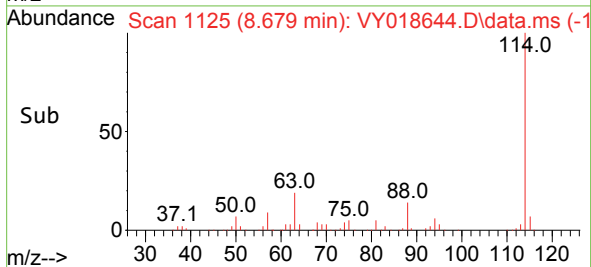
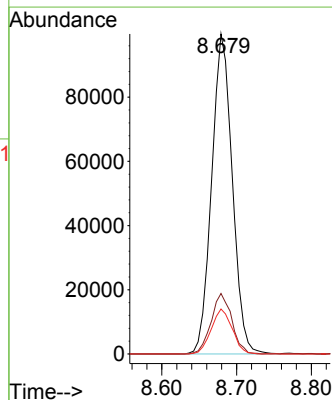
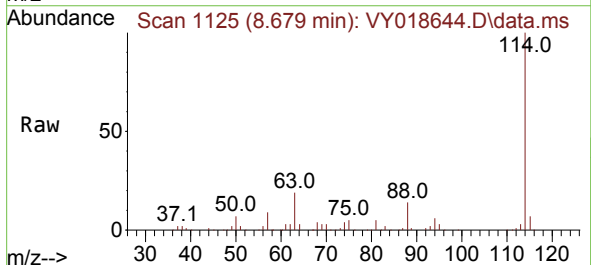
Instrument :
 MSVOA_Y
 ClientSampleId :

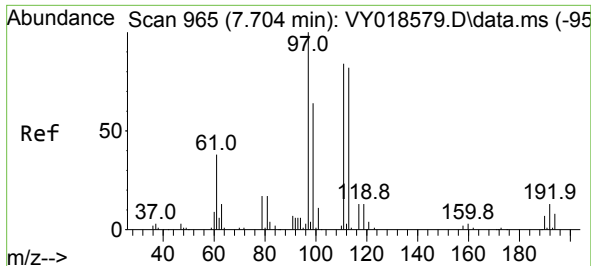
Tgt Ion: 65 Resp: 59922
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. 0.000 min
 Lab File: VY018644.D
 Acq: 19 Jun 2024 14:55

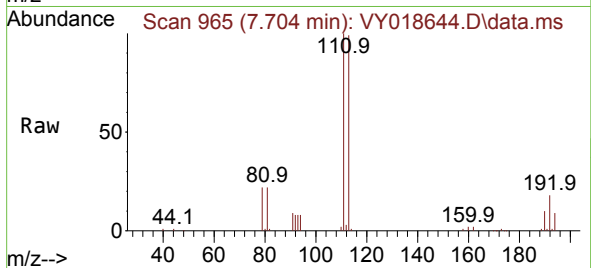
Tgt Ion: 114 Resp: 191339
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.0
 88 14.1 0.0 27.2



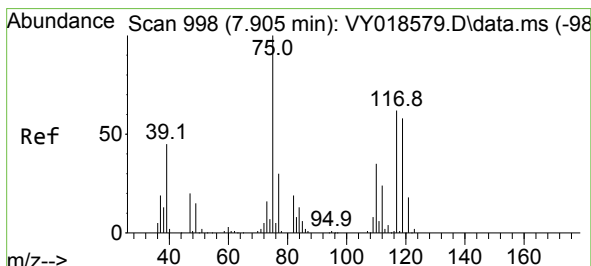
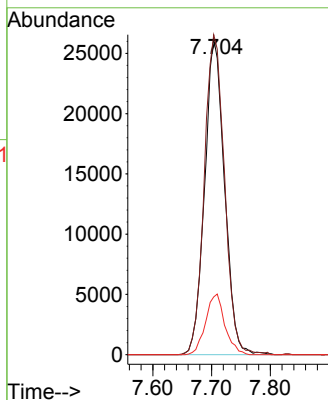
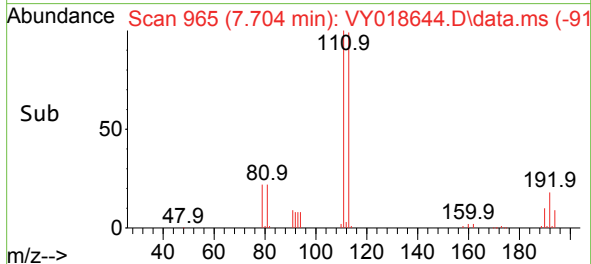


#35
Dibromofluoromethane
Concen: 52.771 ug/l
RT: 7.704 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Instrument :
MSVOA_Y
ClientSampleId :

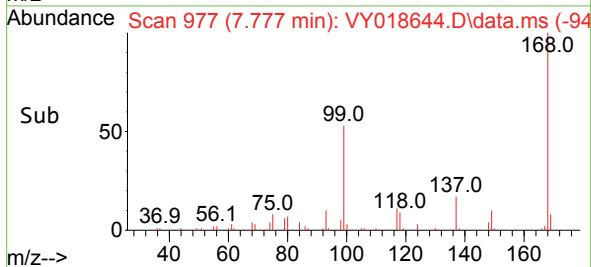
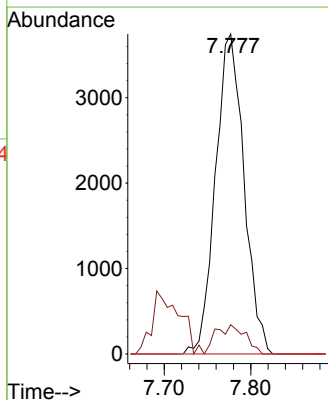
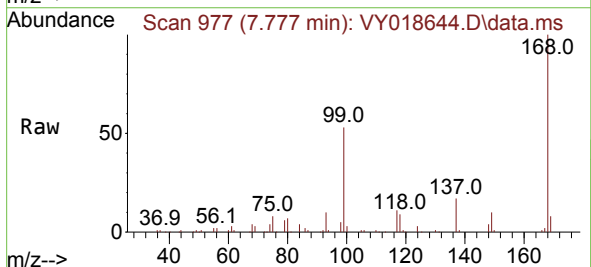


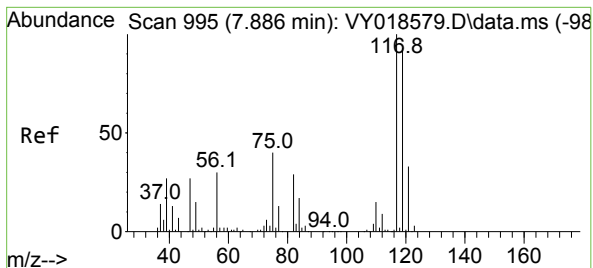
Tgt Ion:113 Resp: 61594
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 18.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.324 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.128 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Tgt Ion: 75 Resp: 8553
Ion Ratio Lower Upper
75 100
110 3.9 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 6.306 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.110 min

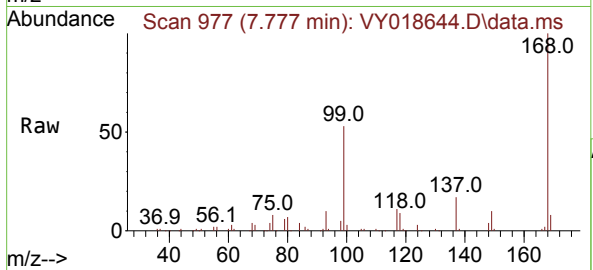
Lab File: VY018644.D

Acq: 19 Jun 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :



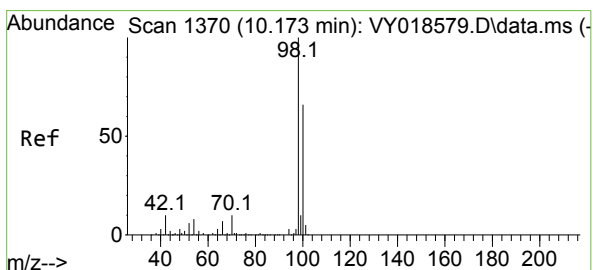
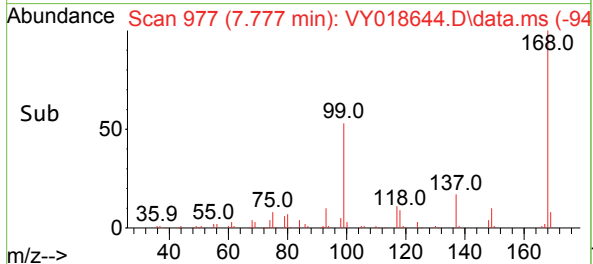
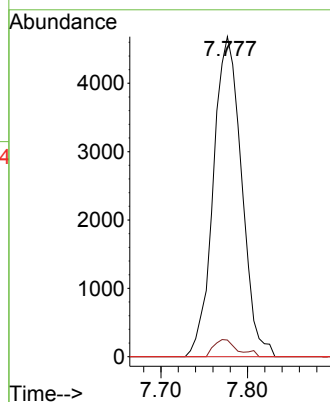
Tgt Ion:117 Resp: 10629

Ion Ratio Lower Upper

117 100

119 5.2 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 51.252 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018644.D

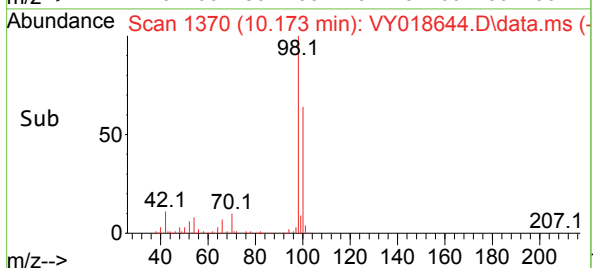
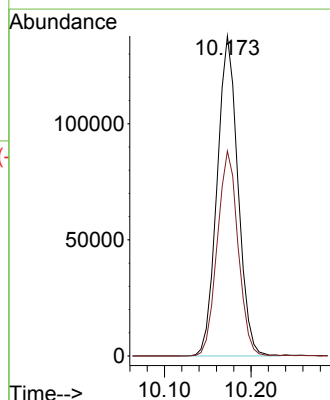
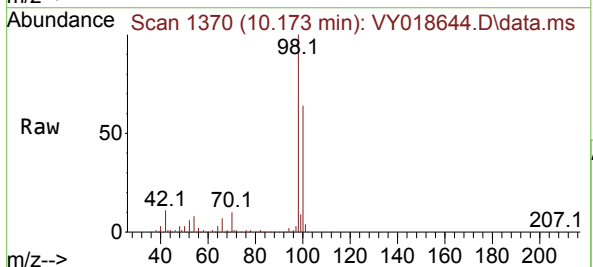
Acq: 19 Jun 2024 14:55

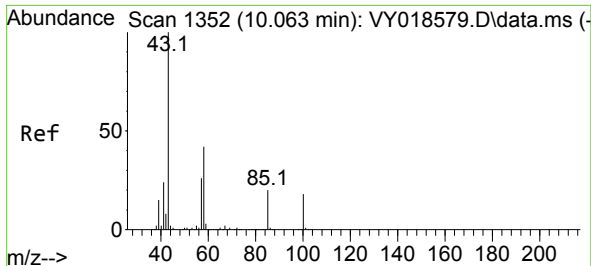
Tgt Ion: 98 Resp: 230053

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

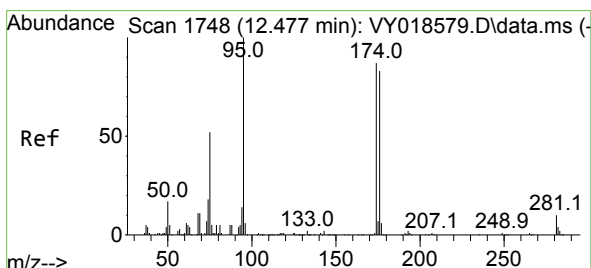
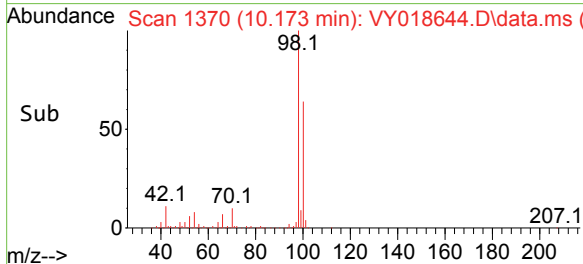
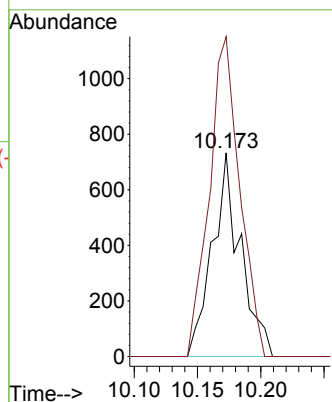
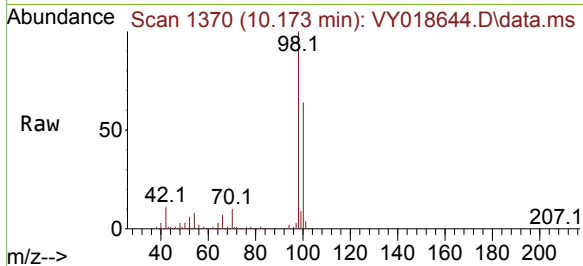




#51
 4-Methyl-2-Pentanone
 Concen: 1.516 ug/l
 RT: 10.173 min Scan# 1129
 Delta R.T. 0.110 min
 Lab File: VY018644.D
 Acq: 19 Jun 2024 14:55

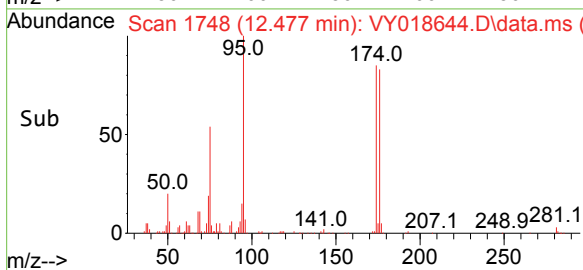
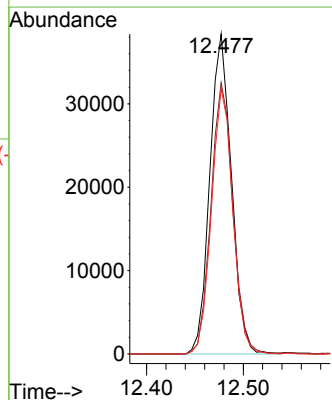
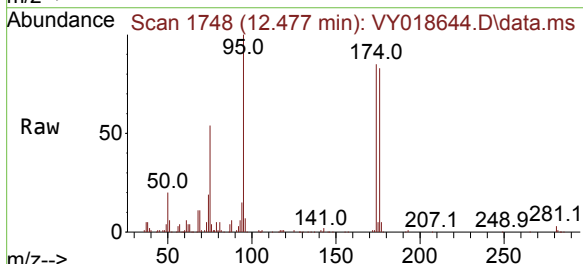
Instrument :
 MSVOA_Y
 ClientSampleId :

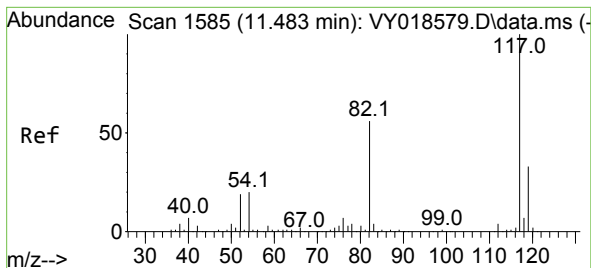
Tgt Ion: 43 Resp: 1129
 Ion Ratio Lower Upper
 43 100
 58 170.8 35.7 53.5#



#62
 4-Bromofluorobenzene
 Concen: 41.917 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.000 min
 Lab File: VY018644.D
 Acq: 19 Jun 2024 14:55

Tgt Ion: 95 Resp: 59413
 Ion Ratio Lower Upper
 95 100
 174 85.9 0.0 175.6
 176 81.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018644.D

Acq: 19 Jun 2024 14:55

Instrument :

MSVOA_Y

ClientSampleId :

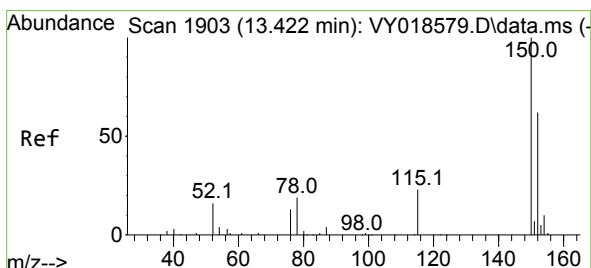
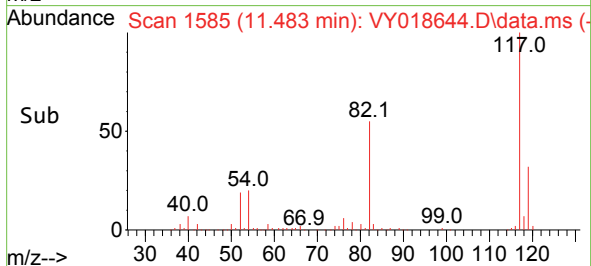
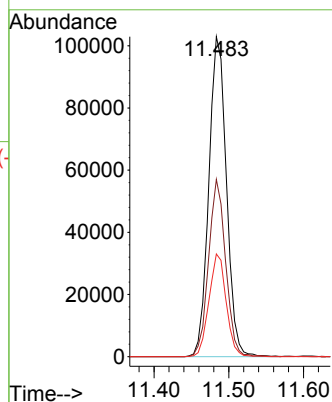
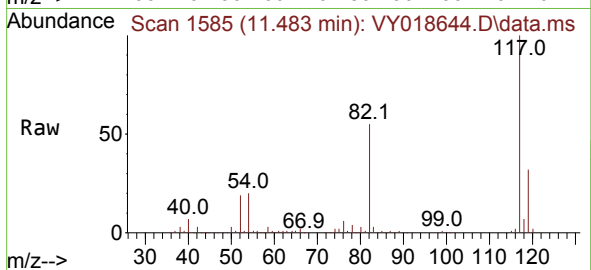
Tgt Ion:117 Resp: 168393

Ion Ratio Lower Upper

117 100

82 55.4 42.4 63.6

119 32.1 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018644.D

Acq: 19 Jun 2024 14:55

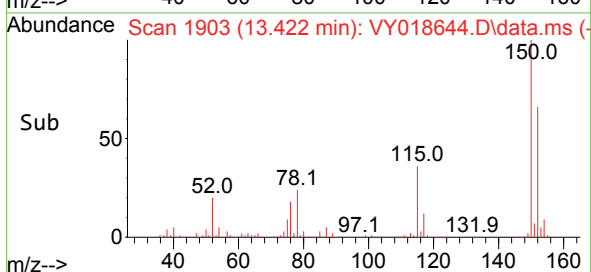
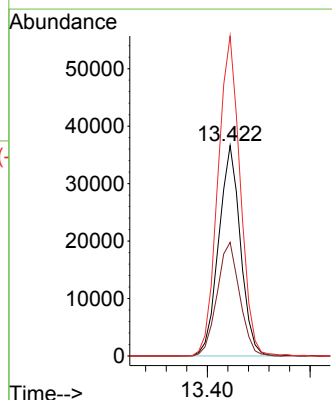
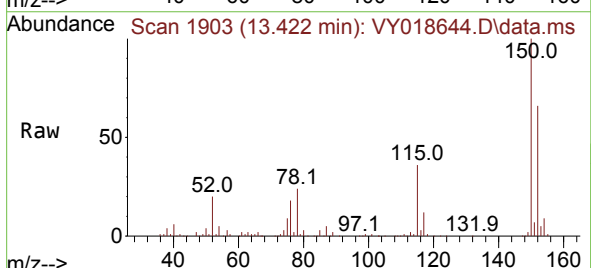
Tgt Ion:152 Resp: 53657

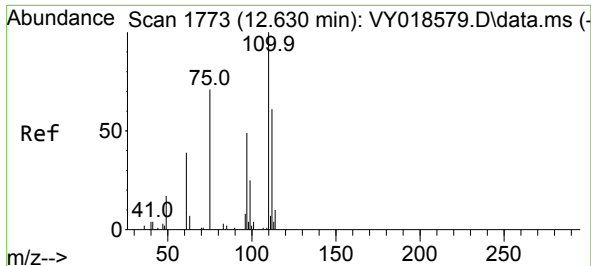
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 156.2 0.0 345.6

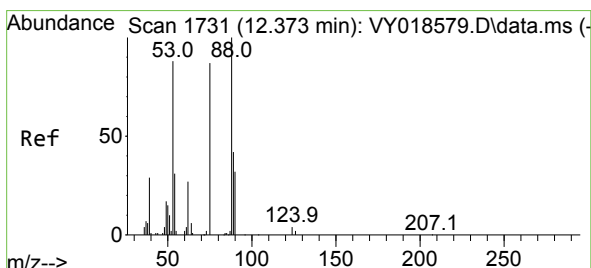
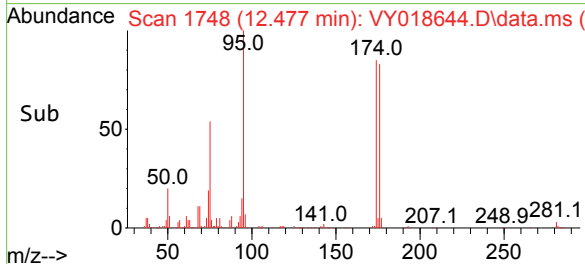
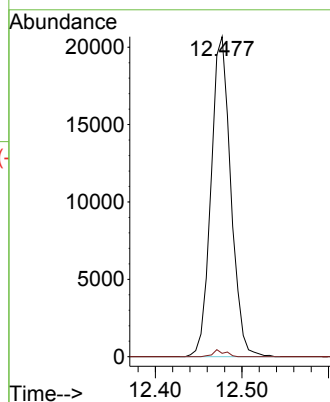
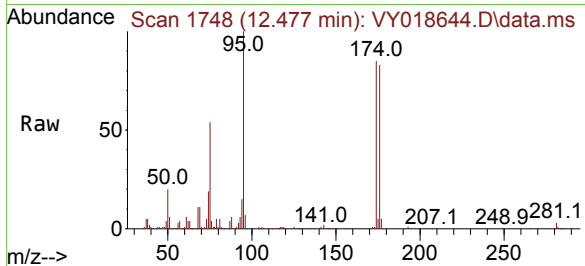




#76
1,2,3-Trichloropropane
Concen: 65.335 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 32885
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 171.138 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018644.D
Acq: 19 Jun 2024 14:55

Tgt Ion: 75 Resp: 32885
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

