

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050224\
 Data File : VY018109.D
 Acq On : 02 May 2024 12:09
 Operator : SY/MD
 Sample : P2340-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 02 23:00:51 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

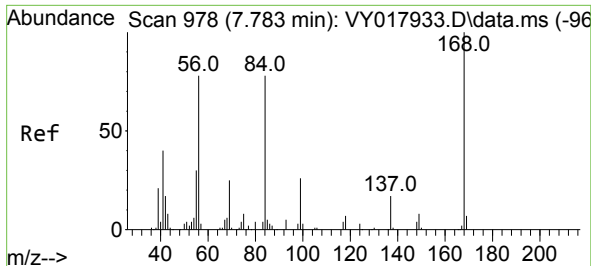
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	310556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	537997	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	461106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	177390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	121641	49.692	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.380%		
35) Dibromofluoromethane	7.710	113	156054	50.475	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.940%		
50) Toluene-d8	10.179	98	594849	49.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.560%		
62) 4-Bromofluorobenzene	12.483	95	180322	43.412	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	86.820%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	464	2.326	ug/l #	76
13) Acrolein	3.717	56	500	1.684	ug/l #	74
16) Acetone	3.942	43	1824	3.911	ug/l #	83
20) Methylene Chloride	4.698	84	12480	3.819	ug/l	92
25) 2-Butanone	6.984	43	1130	1.558	ug/l #	41
31) Cyclohexane	7.789	56	5733	1.222	ug/l #	13
36) 1,1-Dichloropropene	7.783	75	20225	4.901	ug/l #	50
38) Carbon Tetrachloride	7.783	117	28206	6.021	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	86225	57.918	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	86225	105.513	ug/l #	16

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

Quant Time: May 02 23:00:51 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

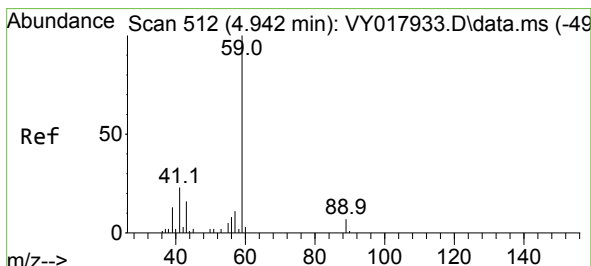
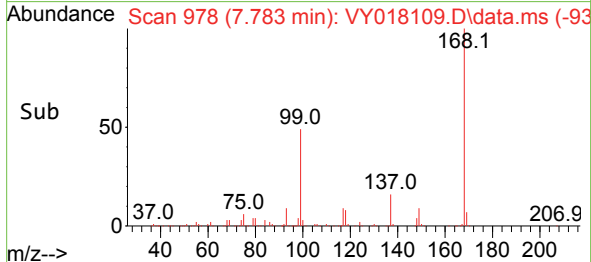
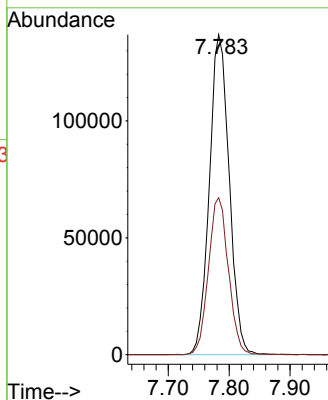
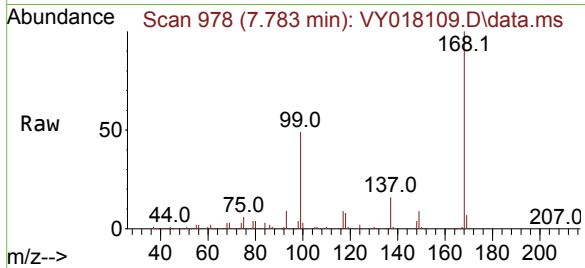




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

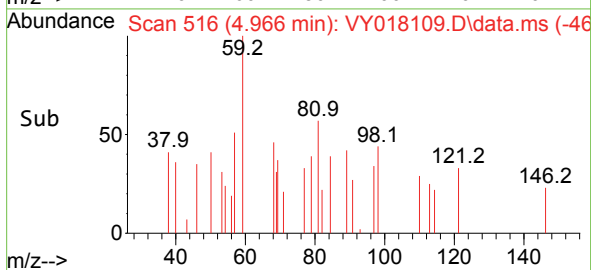
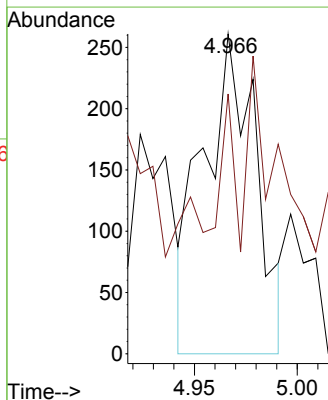
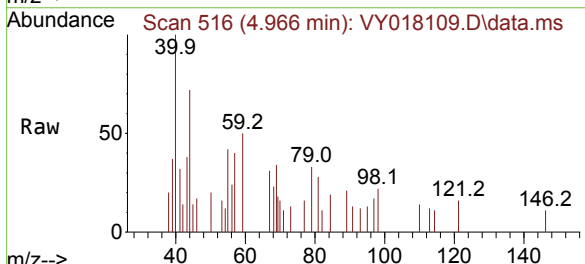
Instrument :
MSVOA_Y
ClientSampleId :

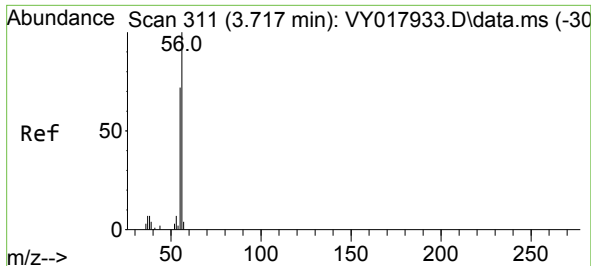
Tgt Ion:168 Resp: 310556
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.326 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.012 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

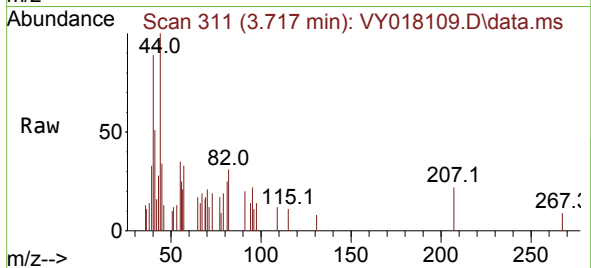
Tgt Ion: 59 Resp: 464
Ion Ratio Lower Upper
59 100
57 11.6 3.0 4.6#



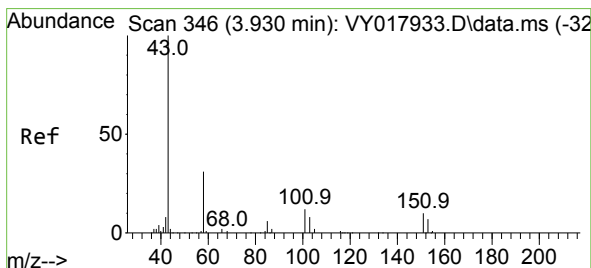
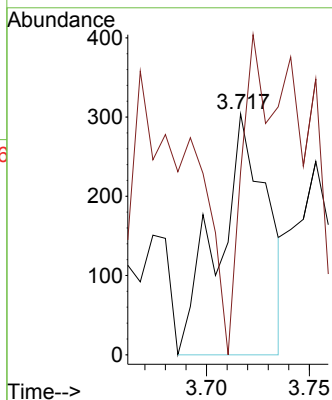
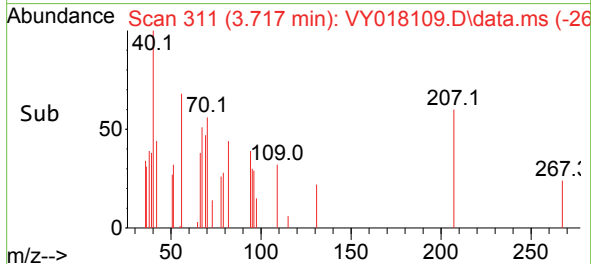


#13
Acrolein
Concen: 1.684 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.012 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Instrument :
MSVOA_Y
ClientSampleId :

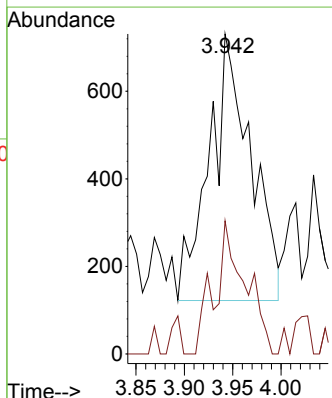
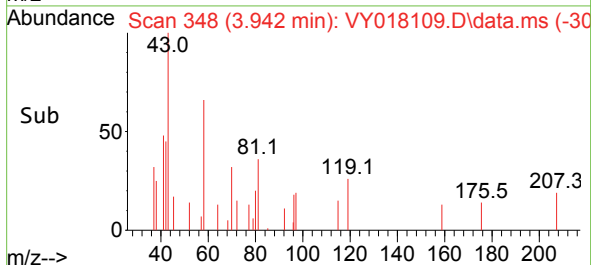
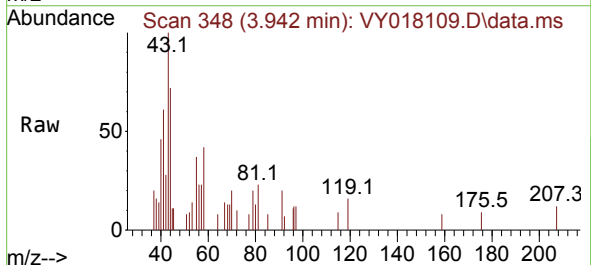


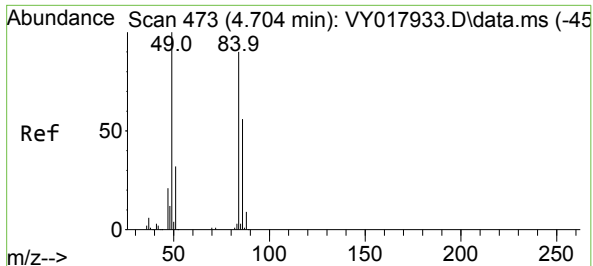
Tgt Ion: 56 Resp: 500
Ion Ratio Lower Upper
56 100
55 90.8 55.7 83.5#



#16
Acetone
Concen: 3.911 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
58 49.9 31.7 47.5#





#20

Methylene Chloride

Concen: 3.819 ug/l

RT: 4.698 min Scan# 41

Delta R.T. -0.018 min

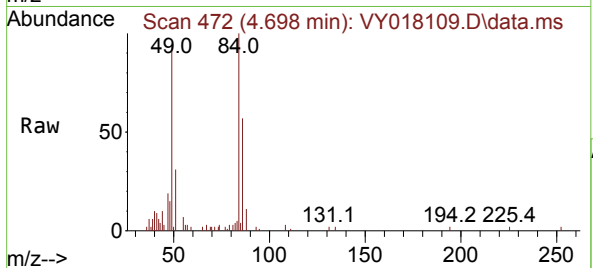
Lab File: VY018109.D

Acq: 02 May 2024 12:09

Instrument :

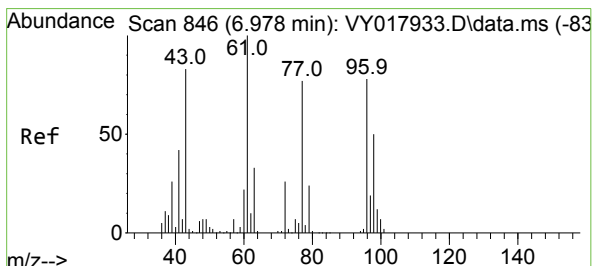
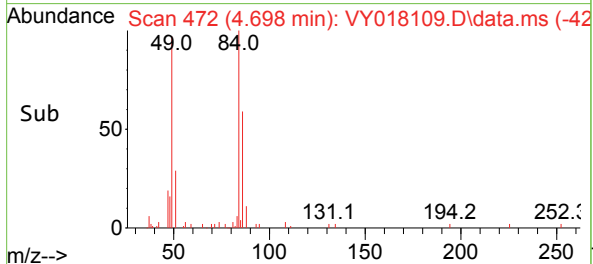
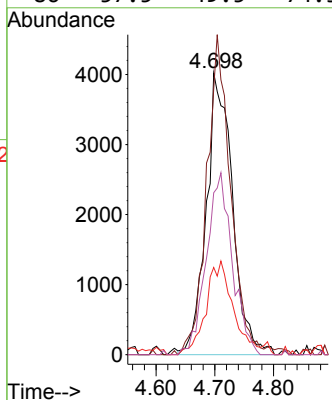
MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 12480

Ion	Ratio	Lower	Upper
84	100		
49	94.3	84.4	126.6
51	31.0	26.0	39.0
86	57.5	49.5	74.3



#25

2-Butanone

Concen: 1.558 ug/l

RT: 6.984 min Scan# 847

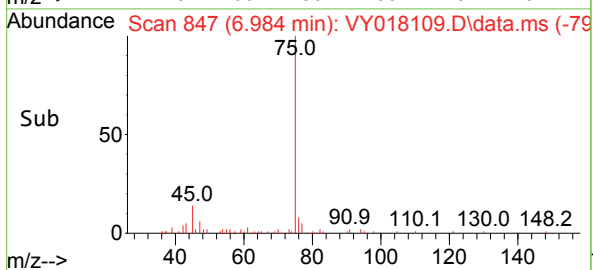
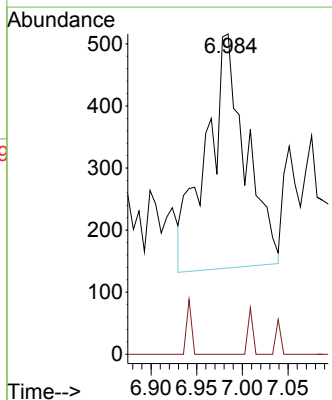
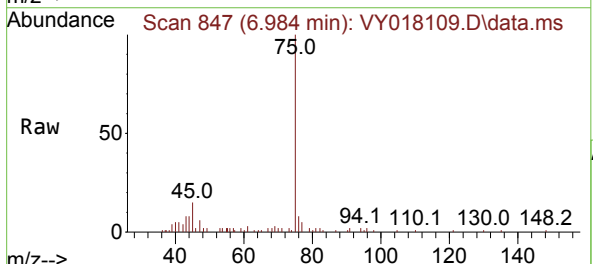
Delta R.T. 0.000 min

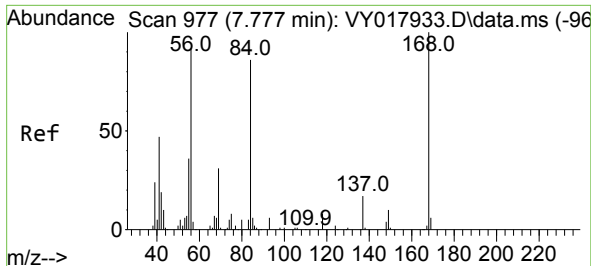
Lab File: VY018109.D

Acq: 02 May 2024 12:09

Tgt Ion: 43 Resp: 1130

Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

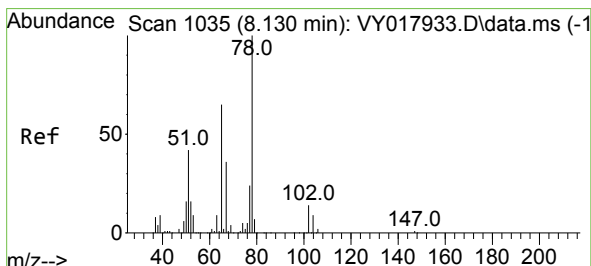
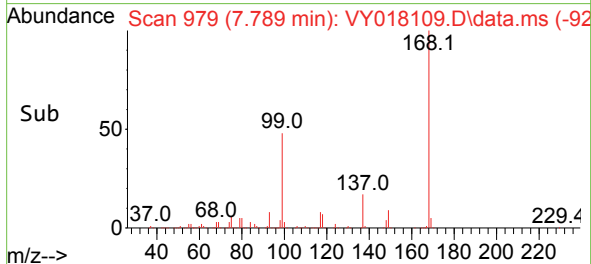
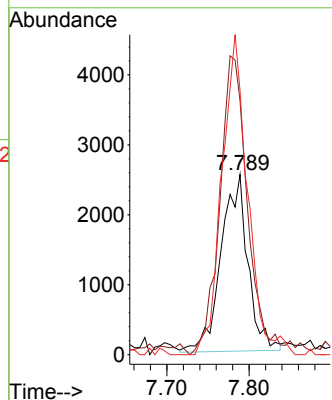
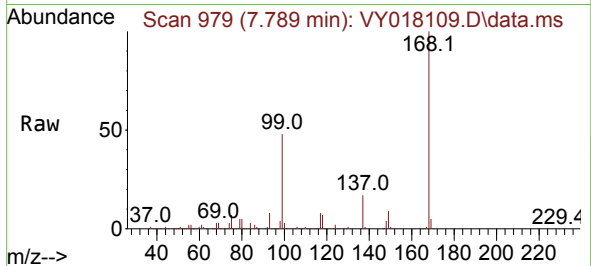




#31
Cyclohexane
Concen: 1.222 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

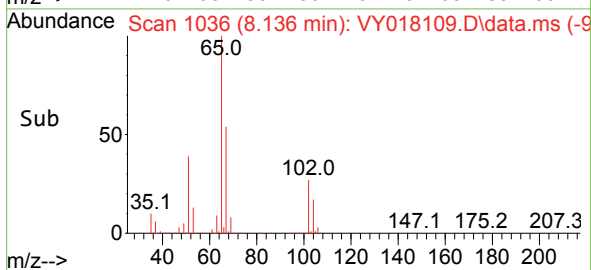
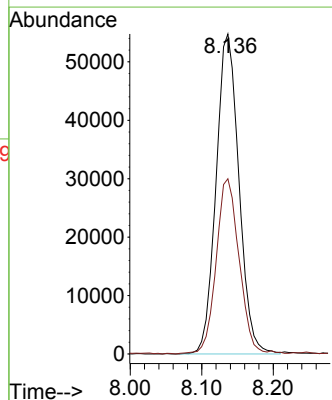
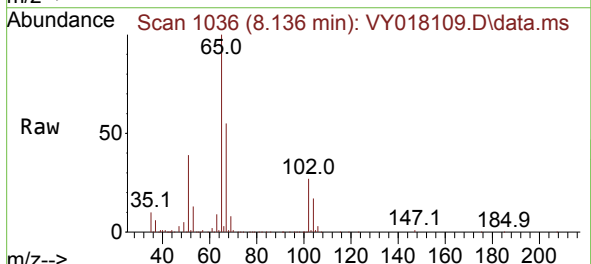
Instrument :
MSVOA_Y
ClientSampleId :

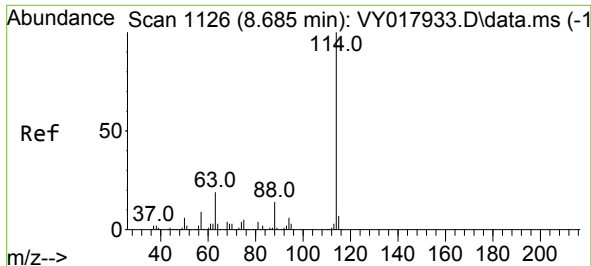
Tgt Ion: 56 Resp: 5733
Ion Ratio Lower Upper
56 100
69 138.9 28.7 43.1#
84 150.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.692 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion: 65 Resp: 121641
Ion Ratio Lower Upper
65 100
67 55.2 0.0 109.6

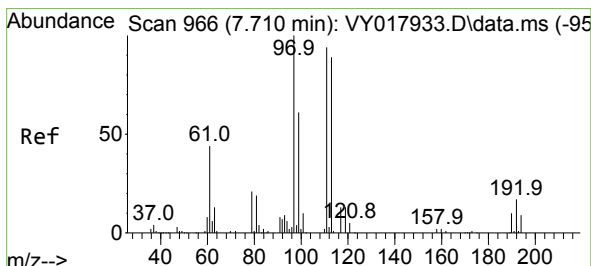
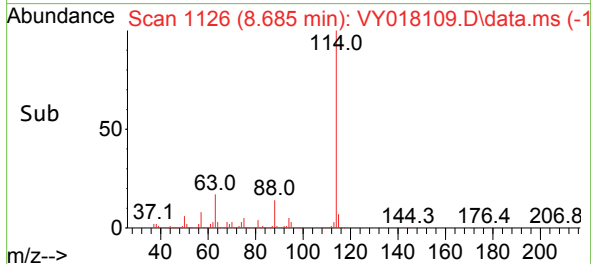
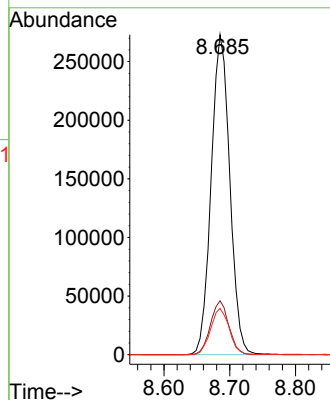
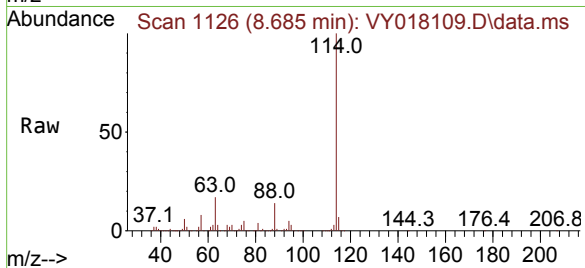




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

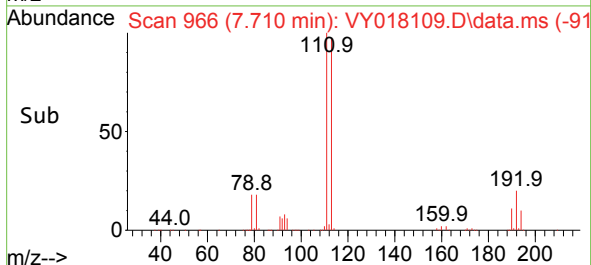
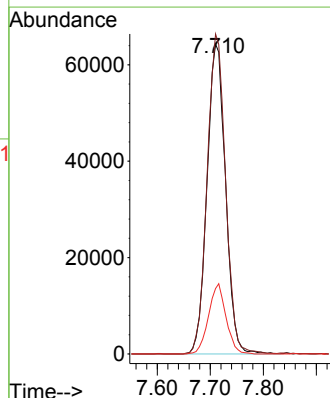
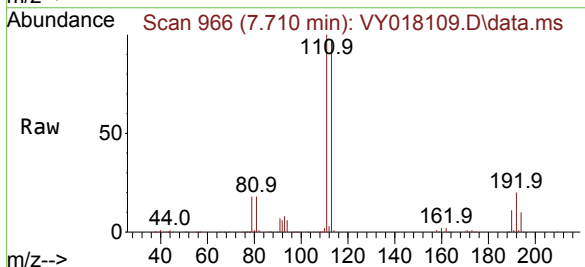
Instrument :
MSVOA_Y
ClientSampleId :

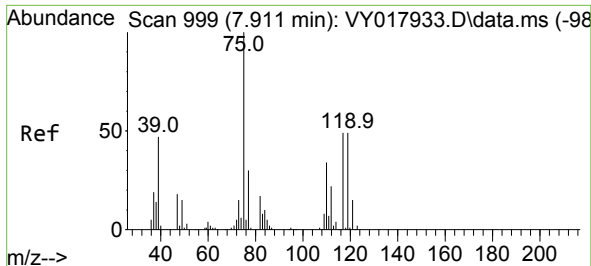
Tgt Ion:114 Resp: 537997
Ion Ratio Lower Upper
114 100
63 16.9 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 50.475 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.012 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion:113 Resp: 156054
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 21.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 4.901 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY018109.D

Acq: 02 May 2024 12:09

Instrument :

MSVOA_Y

ClientSampleId :

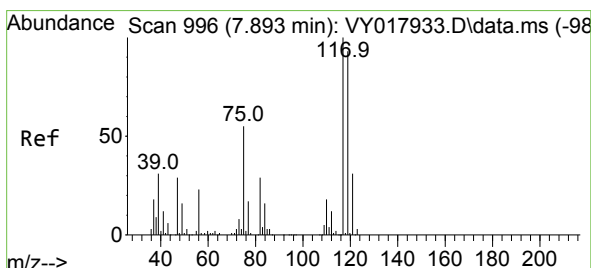
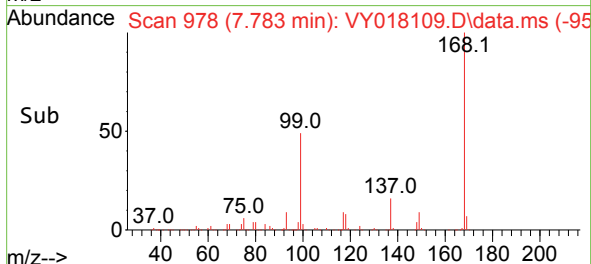
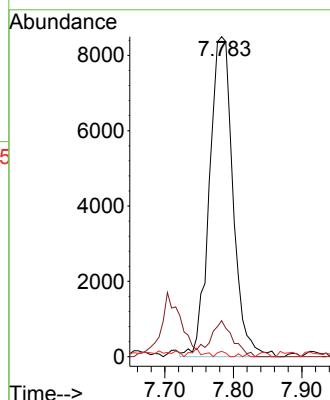
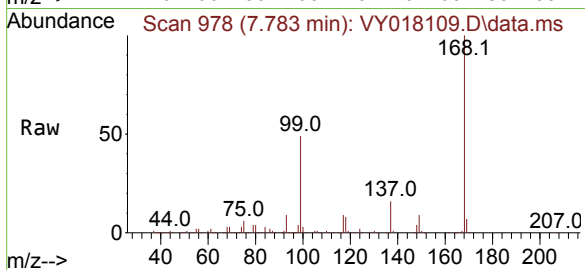
Tgt Ion: 75 Resp: 20225

Ion Ratio Lower Upper

75 100

110 10.6 19.0 57.0#

77 0.6 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.021 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.122 min

Lab File: VY018109.D

Acq: 02 May 2024 12:09

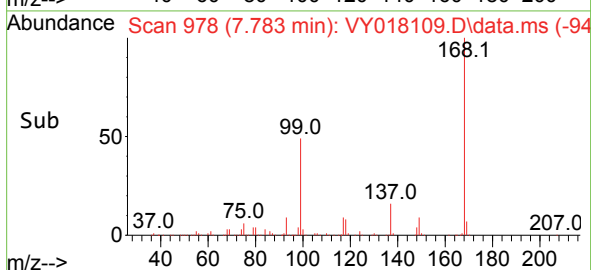
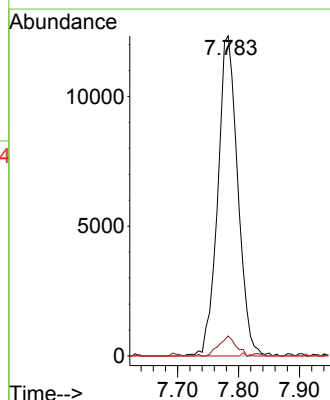
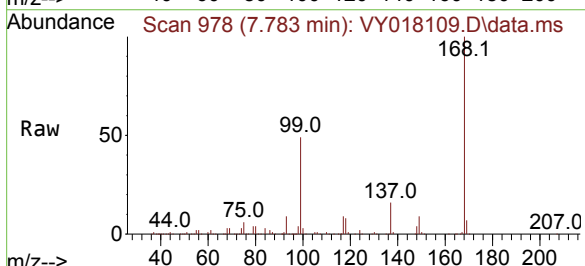
Tgt Ion: 117 Resp: 28206

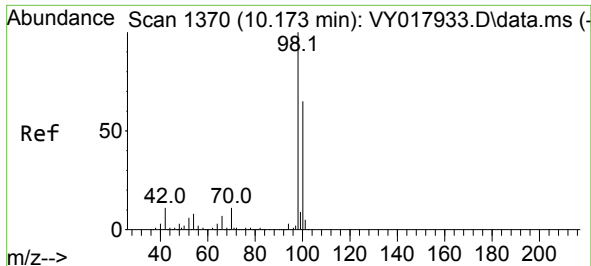
Ion Ratio Lower Upper

117 100

119 6.2 75.8 113.6#

121 0.0 24.0 36.0#

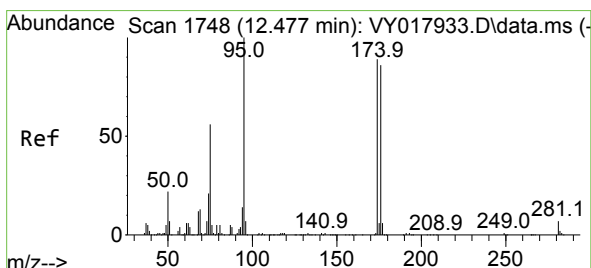
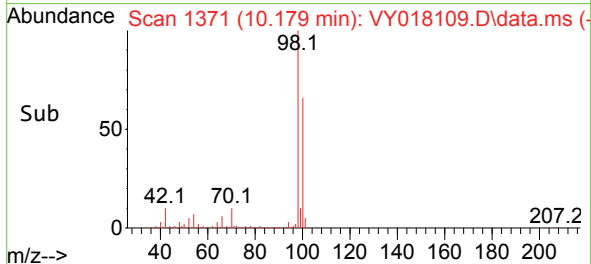
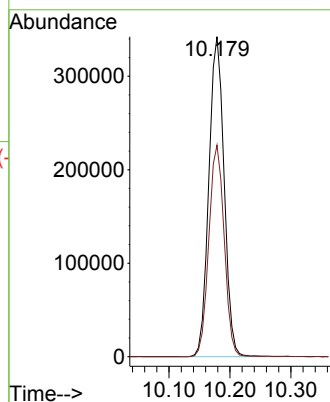
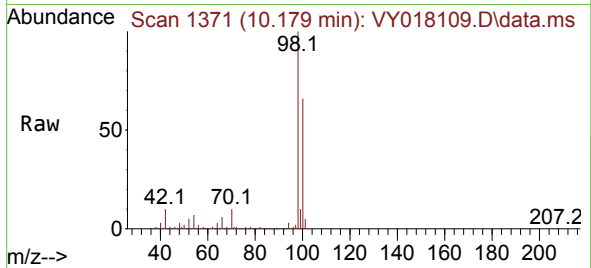




#50
Toluene-d8
Concen: 49.284 ug/l
RT: 10.179 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

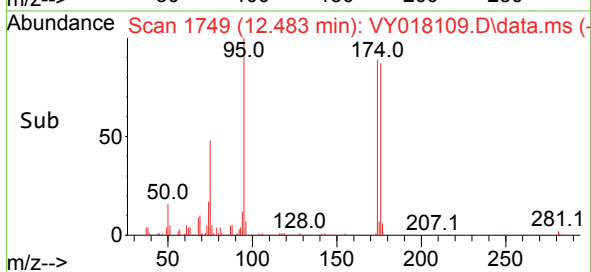
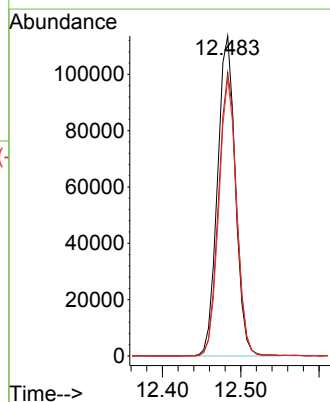
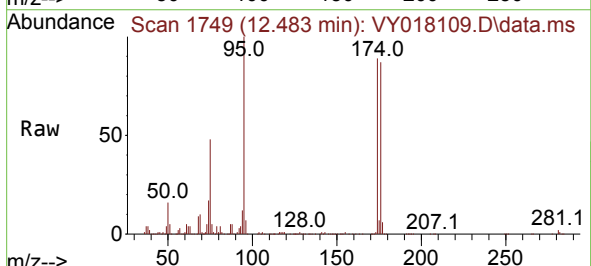
Instrument :
MSVOA_Y
ClientSampleId :

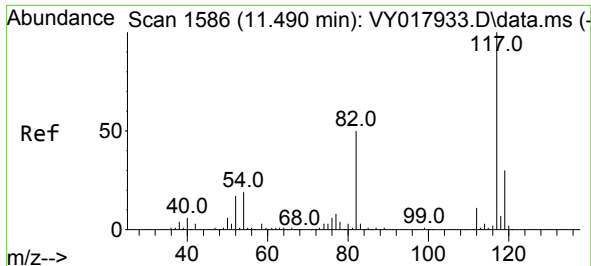
Tgt Ion: 98 Resp: 594849
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.412 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion: 95 Resp: 180322
Ion Ratio Lower Upper
95 100
174 89.5 0.0 175.6
176 85.9 0.0 171.4

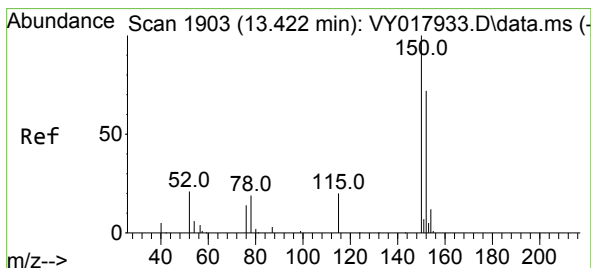
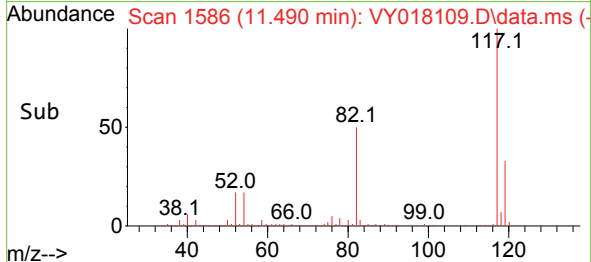
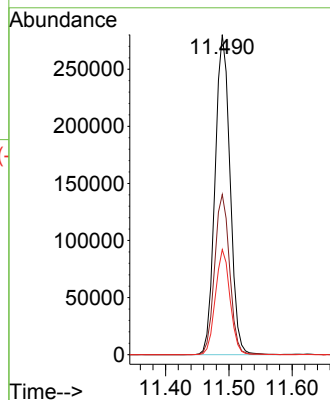
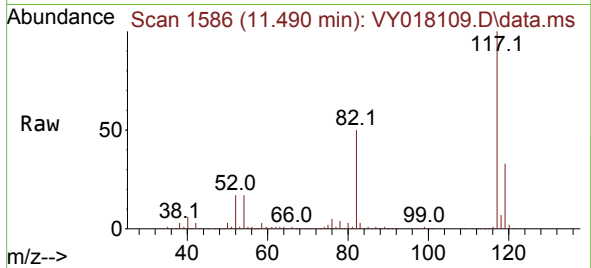




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

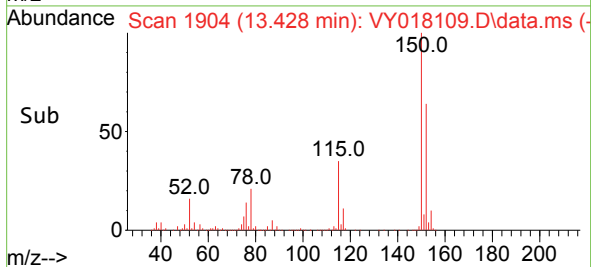
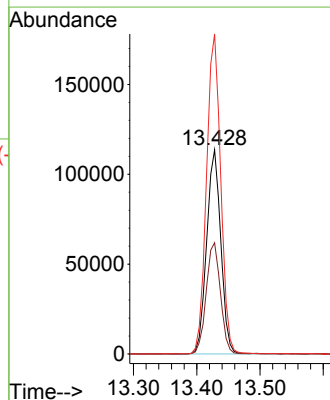
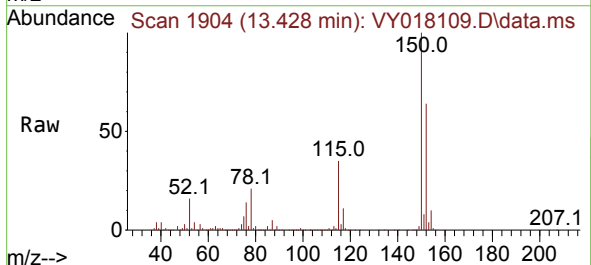
Instrument :
MSVOA_Y
ClientSampleId :

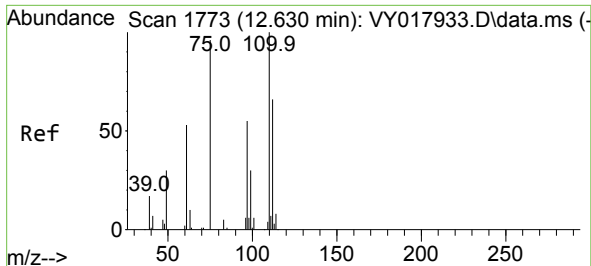
Tgt Ion:117 Resp: 461106
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion:152 Resp: 177390
Ion Ratio Lower Upper
152 100
115 54.8 28.2 84.7
150 157.2 0.0 345.6

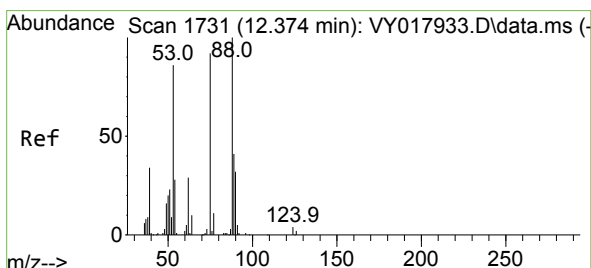
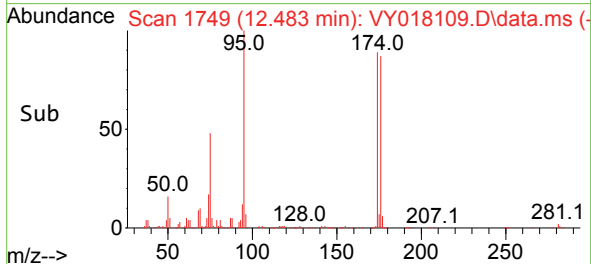
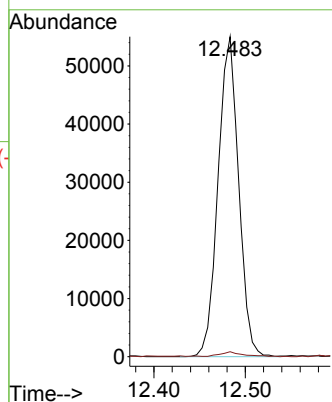
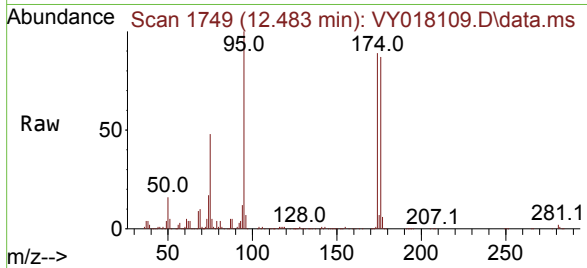




#76
1,2,3-Trichloropropane
Concen: 57.918 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 86225
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 105.513 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018109.D
Acq: 02 May 2024 12:09

Tgt Ion: 75 Resp: 86225
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

