

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017617.D
 Acq On : 08 Mar 2024 11:47
 Operator : SY/MD
 Sample : P1705-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

Quant Time: Mar 08 22:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

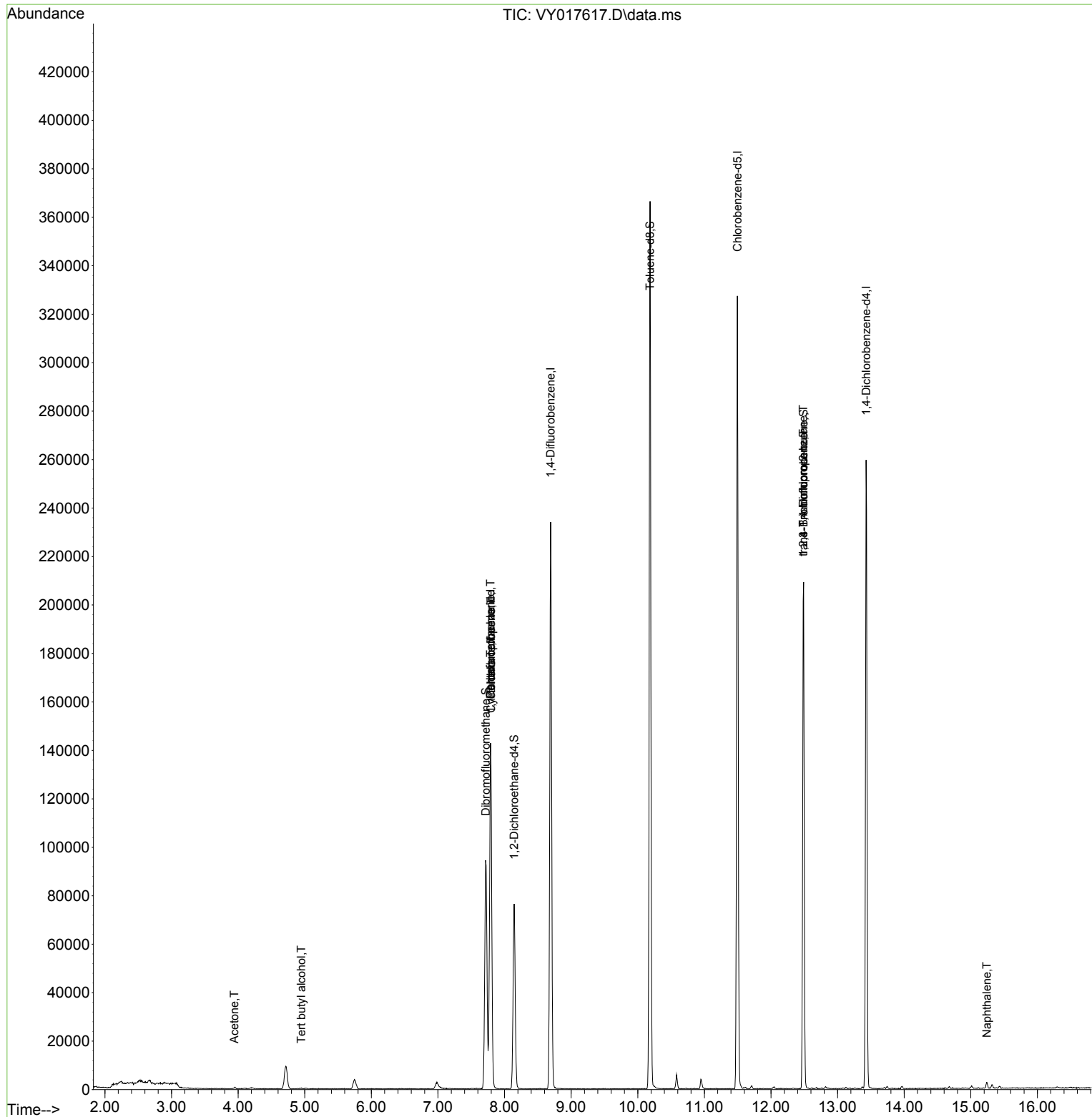
Internal Standards						
1) Pentafluorobenzene	7.789	168	117477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	210509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	185403	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57197	51.373	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.740%			
35) Dibromofluoromethane	7.716	113	68402	46.631	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.260%			
50) Toluene-d8	10.185	98	245275	47.823	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.640%			
62) 4-Bromofluorobenzene	12.489	95	64021	39.719	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 79.440%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.948	59	269	2.844	ug/l #	88
16) Acetone	3.942	43	757	3.505	ug/l #	36
31) Cyclohexane	7.795	56	2046	1.129	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	8393	4.241	ug/l #	48
38) Carbon Tetrachloride	7.789	117	11188	5.640	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	31091	46.488	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31091	106.818	ug/l #	16
95) Naphthalene	15.239	128	2614	5.009	ug/l	98

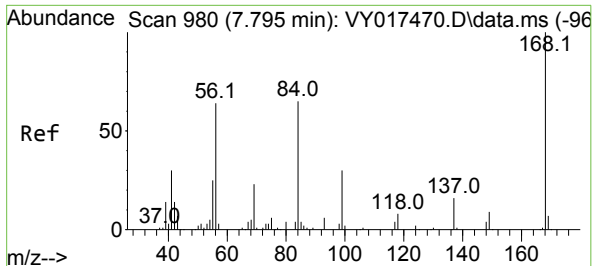
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

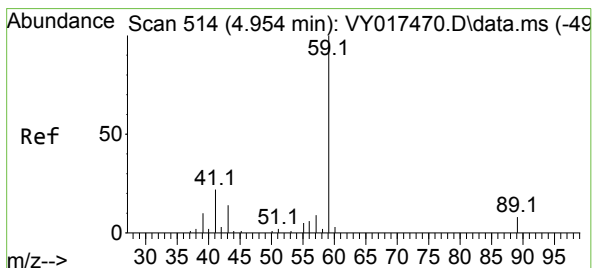
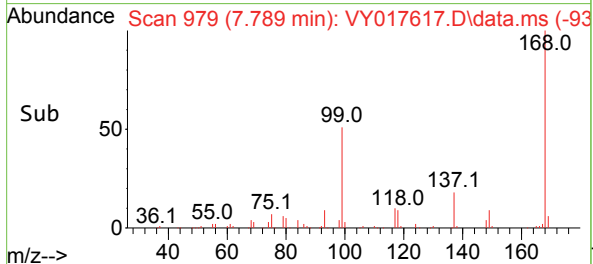
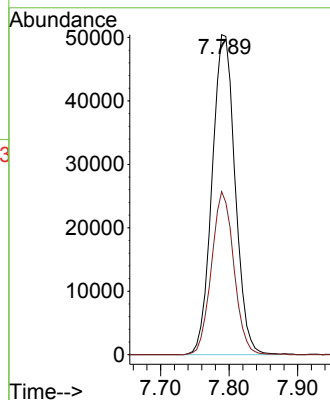
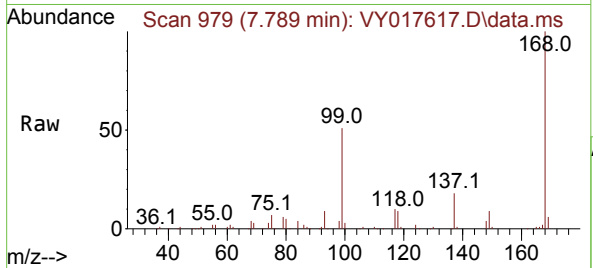




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

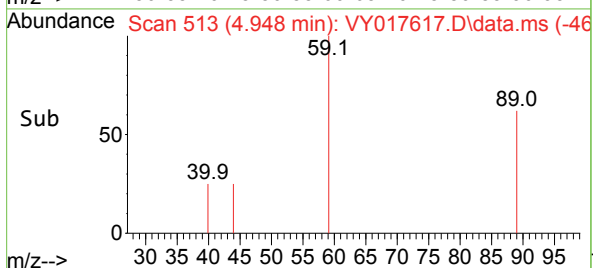
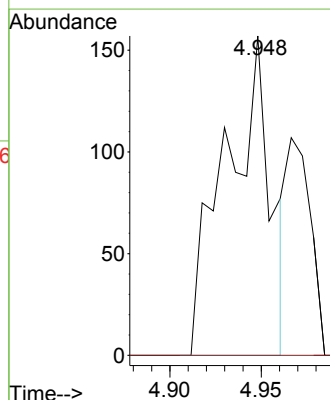
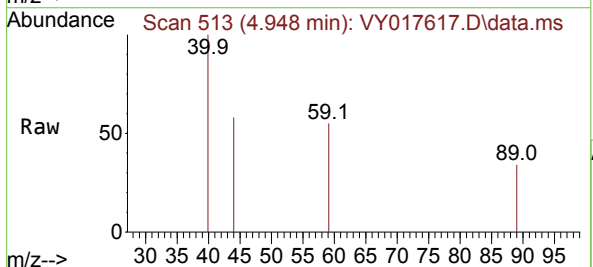
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

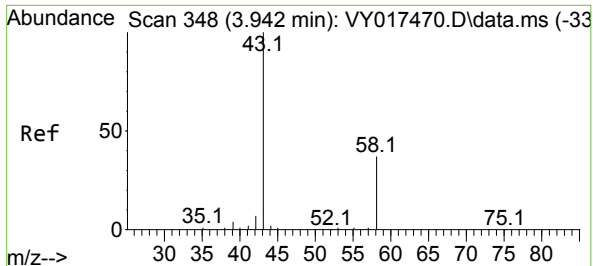
Tgt Ion:168 Resp: 117477
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#11
Tert butyl alcohol
Concen: 2.844 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.006 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion: 59 Resp: 269
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

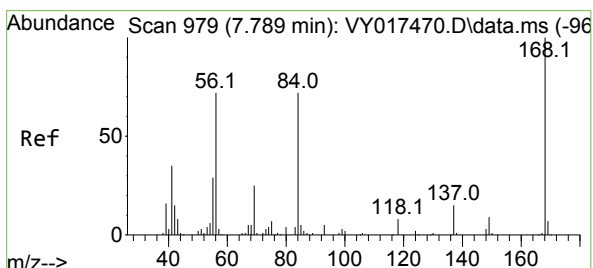
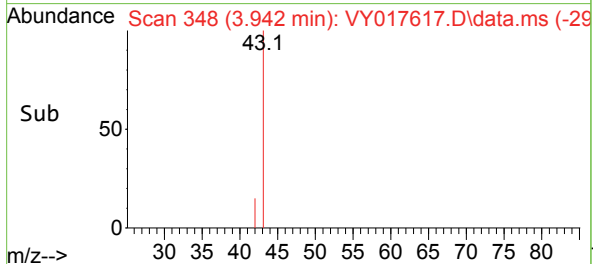
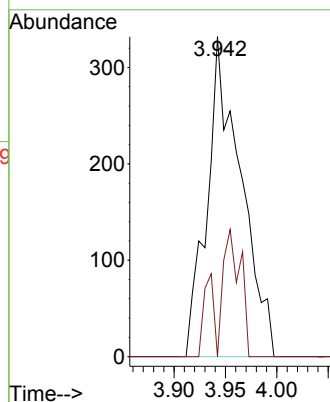
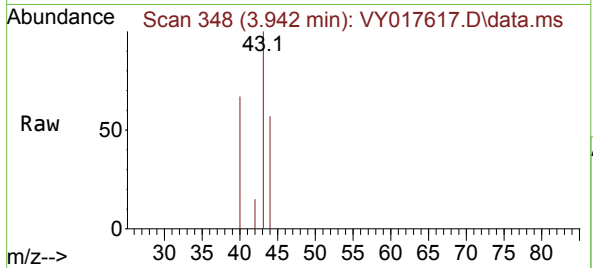




#16
Acetone
Concen: 3.505 ug/l
RT: 3.942 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

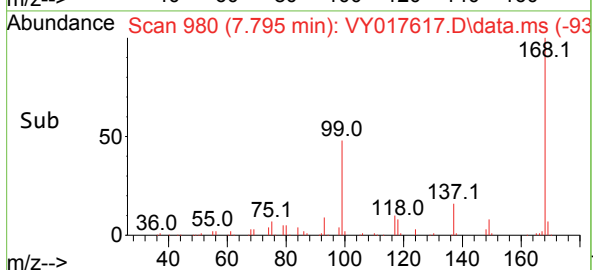
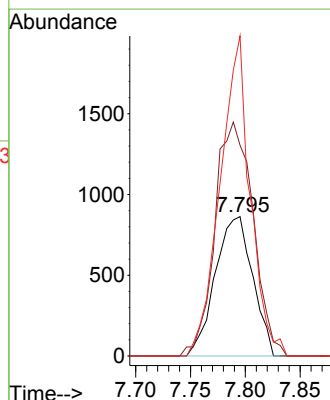
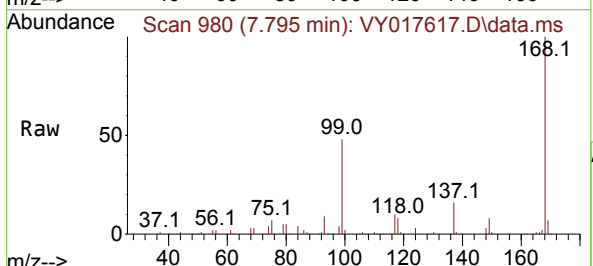
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

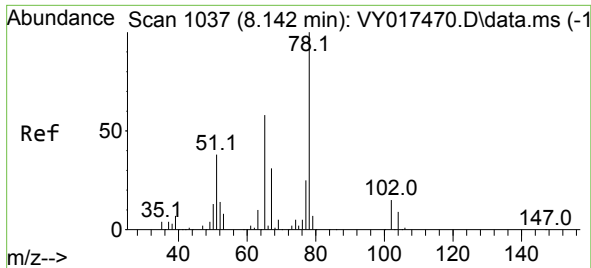
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



#31
Cyclohexane
Concen: 1.129 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion: 56 Resp: 2046
Ion Ratio Lower Upper
56 100
69 151.2 28.7 43.1#
84 229.5 77.7 116.5#

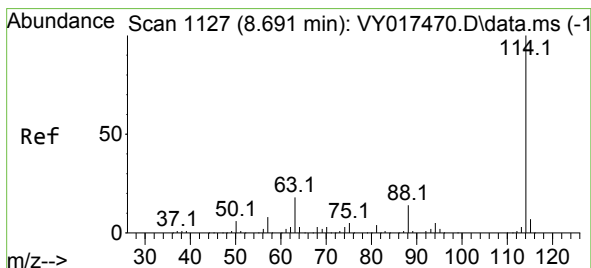
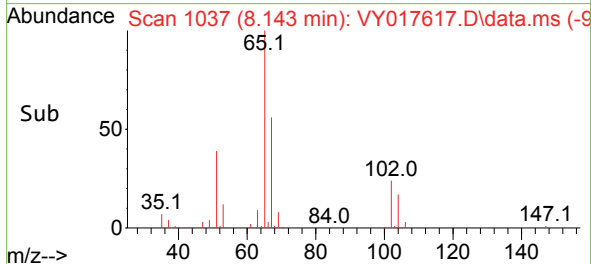
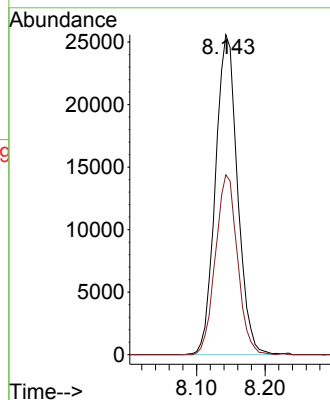
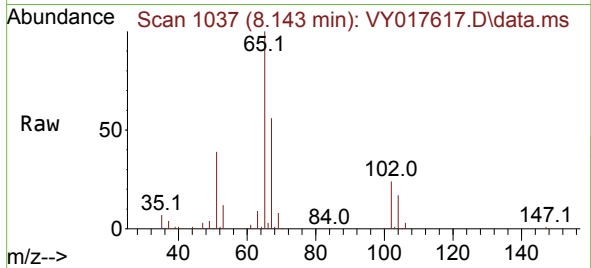




#33
 1,2-Dichloroethane-d4
 Concen: 51.373 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY017617.D
 Acq: 08 Mar 2024 11:47

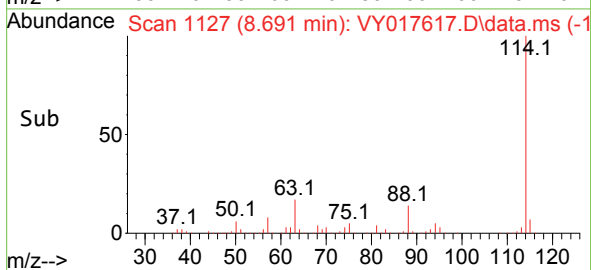
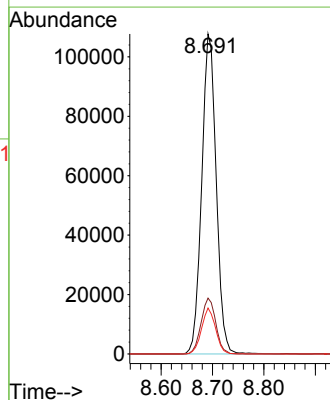
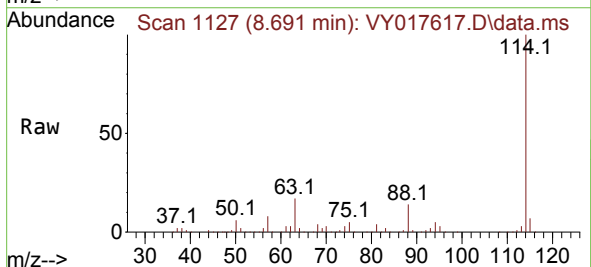
Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-2

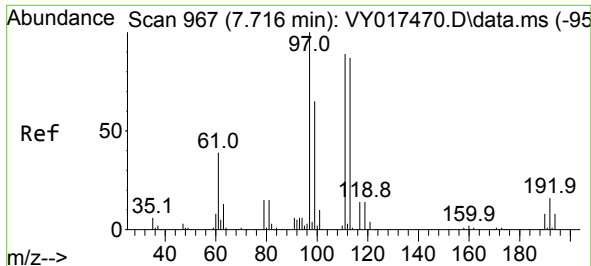
Tgt Ion: 65 Resp: 57197
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY017617.D
 Acq: 08 Mar 2024 11:47

Tgt Ion: 114 Resp: 210509
 Ion Ratio Lower Upper
 114 100
 63 17.5 0.0 35.0
 88 14.3 0.0 27.2

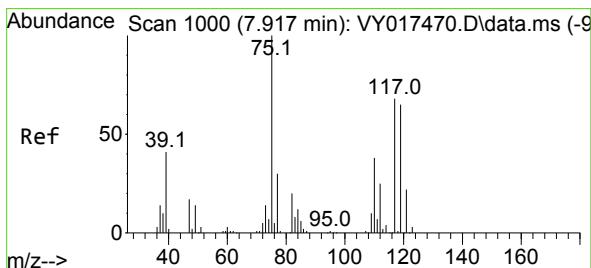
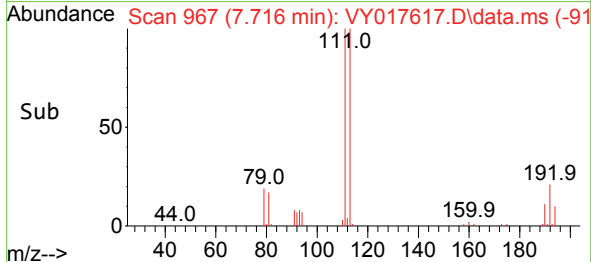
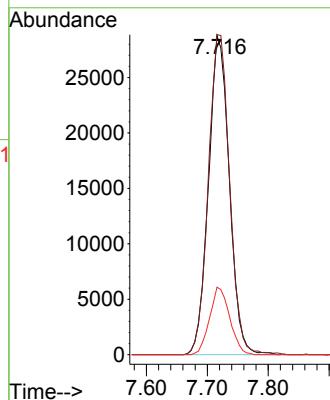
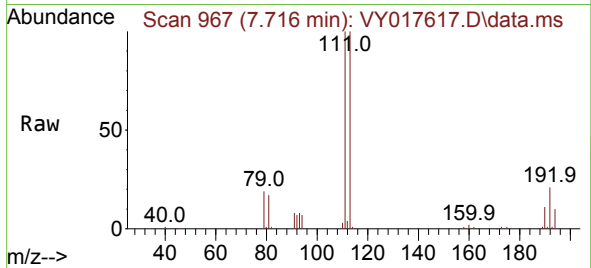




#35
Dibromofluoromethane
Concen: 46.631 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

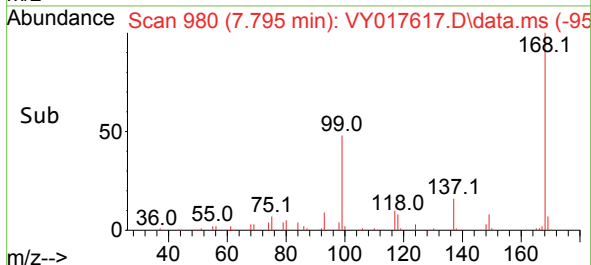
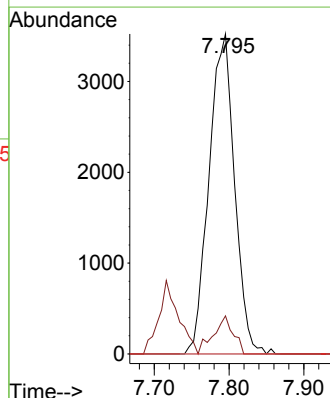
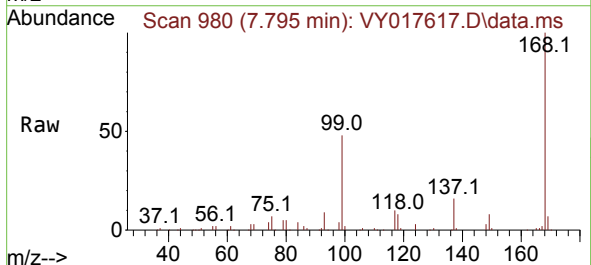
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

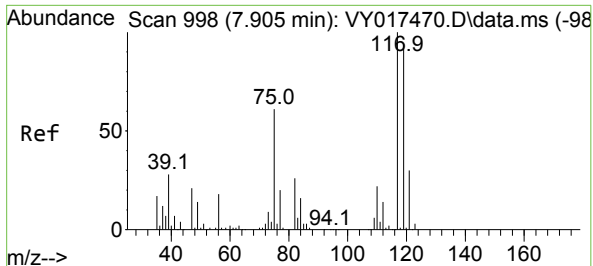
Tgt Ion:113 Resp: 68402
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.4
192 20.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.241 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.122 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion: 75 Resp: 8393
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.0 25.3 37.9#

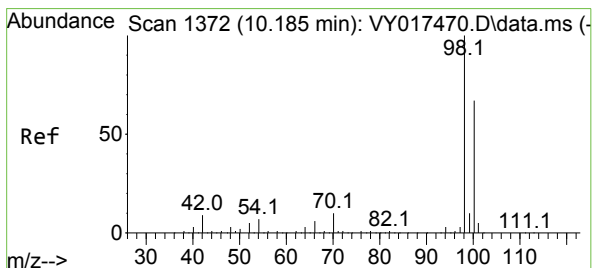
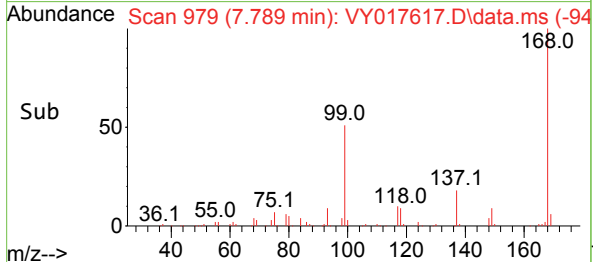
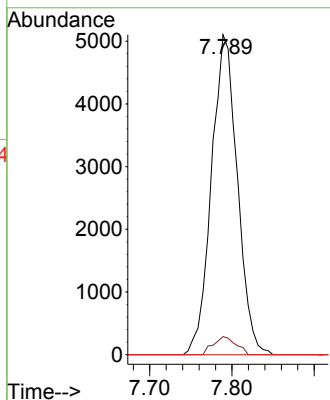
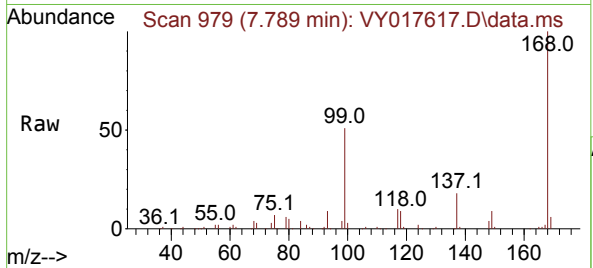




#38
Carbon Tetrachloride
Concen: 5.640 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

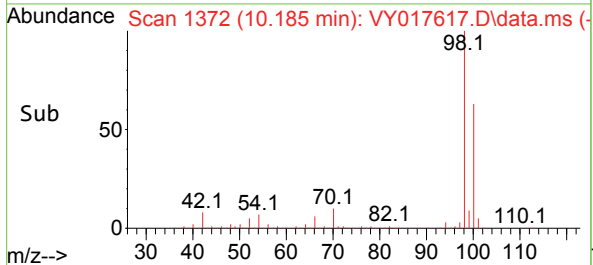
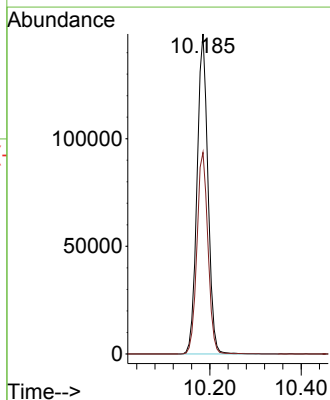
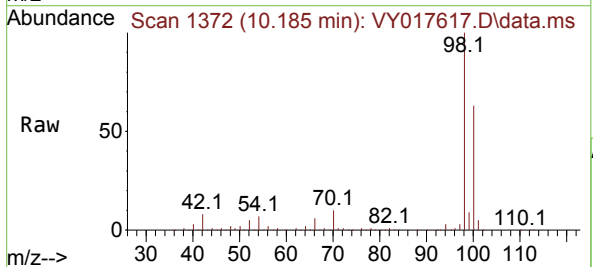
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

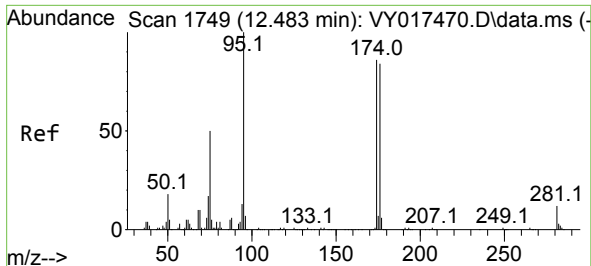
Tgt Ion:117 Resp: 11188
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.823 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion: 98 Resp: 245275
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0

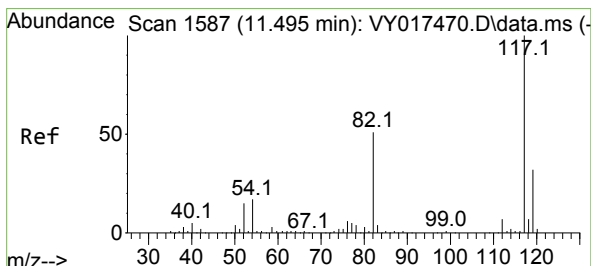
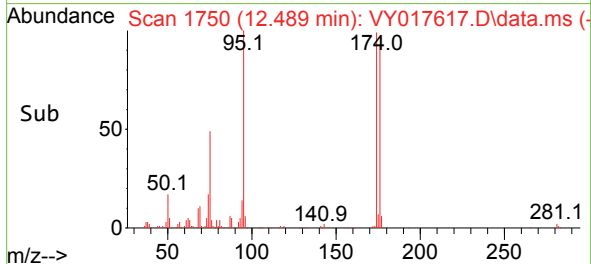
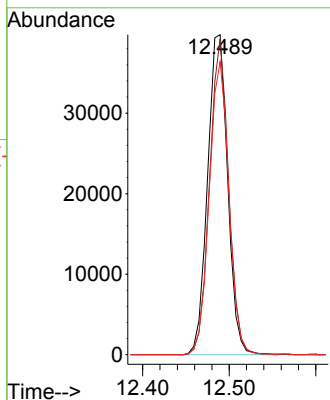
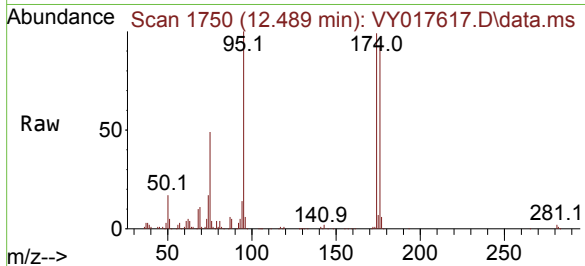




#62
4-Bromofluorobenzene
Concen: 39.719 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

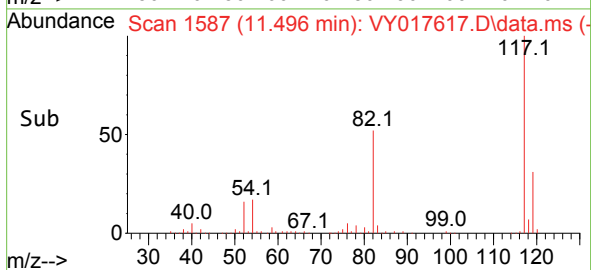
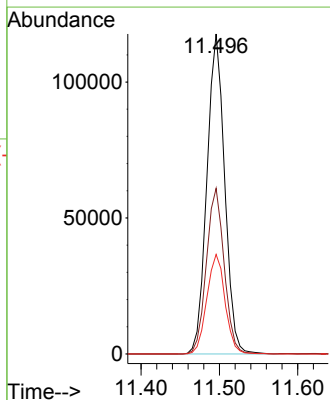
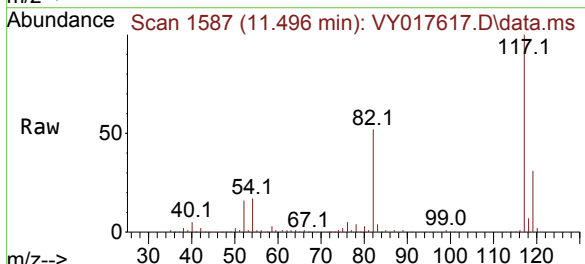
Instrument :
MSVOA_Y
ClientSampleId :
TP-2

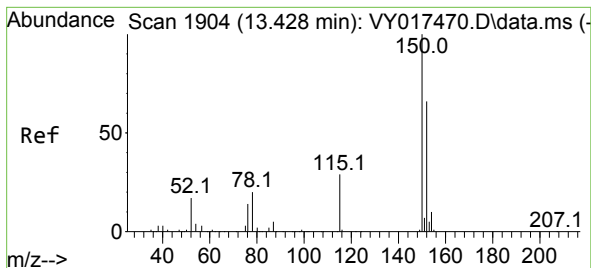
Tgt Ion: 95 Resp: 64021
Ion Ratio Lower Upper
95 100
174 93.8 0.0 175.6
176 89.7 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Tgt Ion: 117 Resp: 185403
Ion Ratio Lower Upper
117 100
82 51.8 42.4 63.6
119 31.1 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: VY017617.D

Acq: 08 Mar 2024 11:47

Instrument :

MSVOA_Y

ClientSampleId :

TP-2

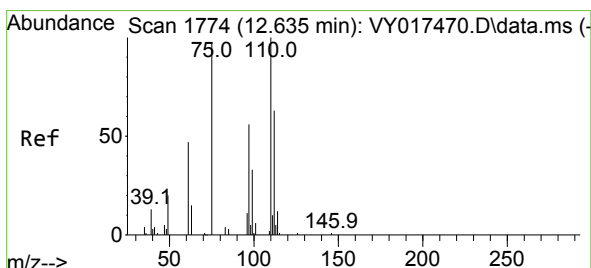
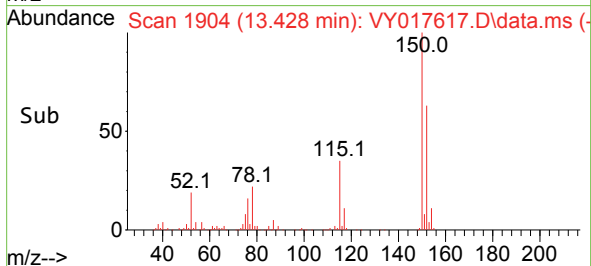
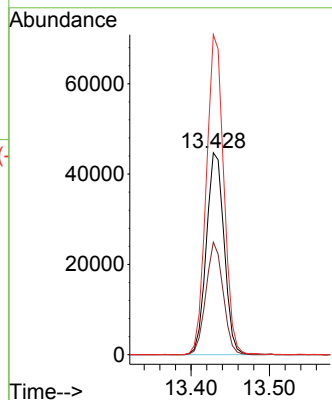
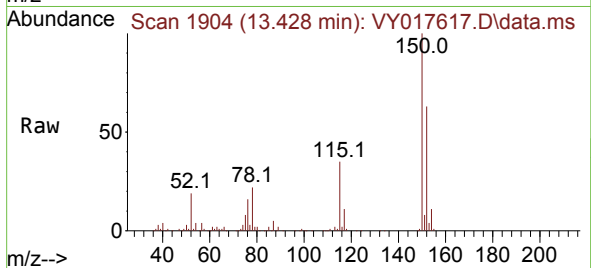
Tgt Ion:152 Resp: 70389

Ion Ratio Lower Upper

152 100

115 54.1 28.2 84.7

150 155.6 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 46.488 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY017617.D

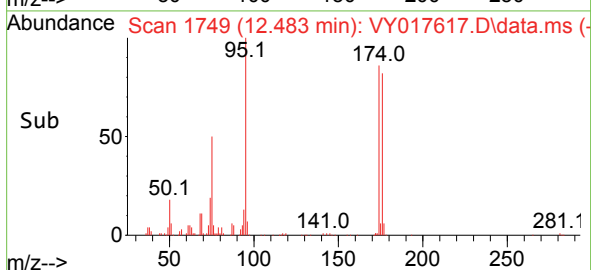
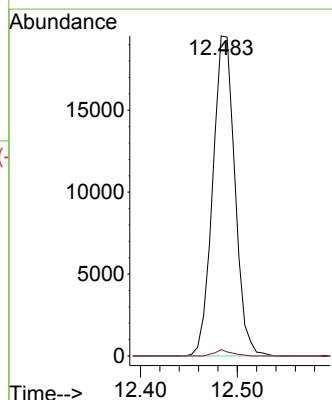
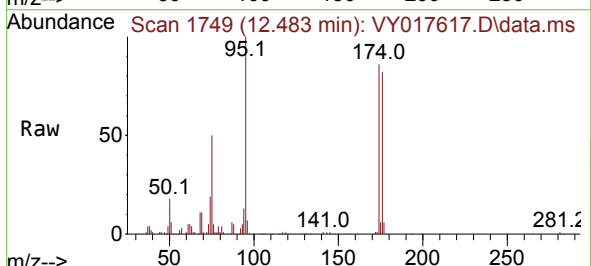
Acq: 08 Mar 2024 11:47

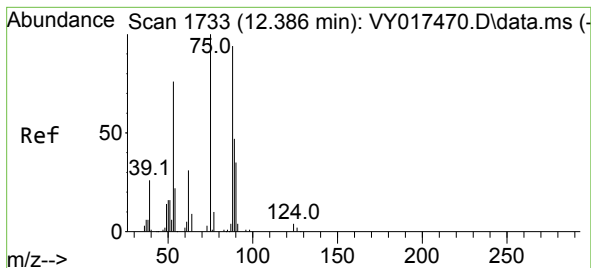
Tgt Ion: 75 Resp: 31091

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#

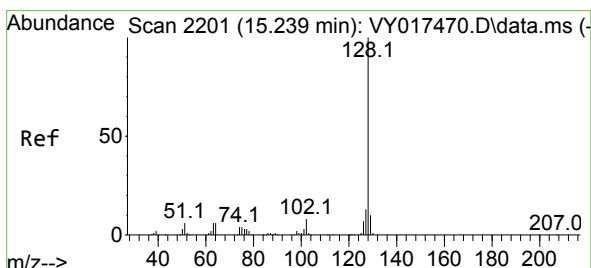
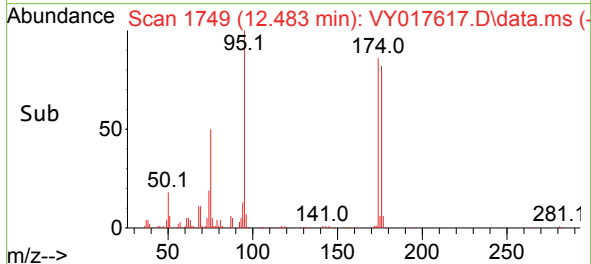
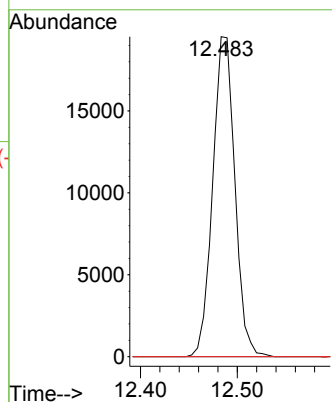
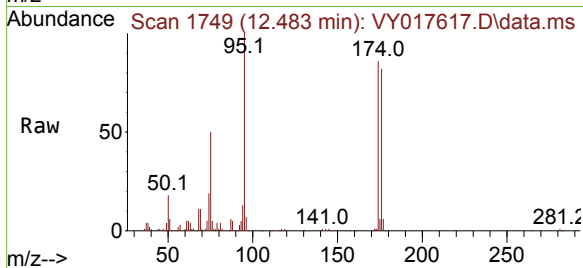




#81
trans-1,4-Dichloro-2-butene
Concen: 106.818 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY017617.D
Acq: 08 Mar 2024 11:47

Instrument :
MSVOA_Y
ClientSampleId :
TP-2

Tgt Ion: 75 Resp: 31091
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#



#95
Naphthalene
Concen: 5.009 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
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Tgt Ion: 128 Resp: 2614
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 10.3 8.6 13.0

