

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013172.D
 Acq On : 03 Apr 2023 13:48
 Operator : KP/MD
 Sample : 02163-03
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-3A

Quant Time: Apr 03 23:08:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

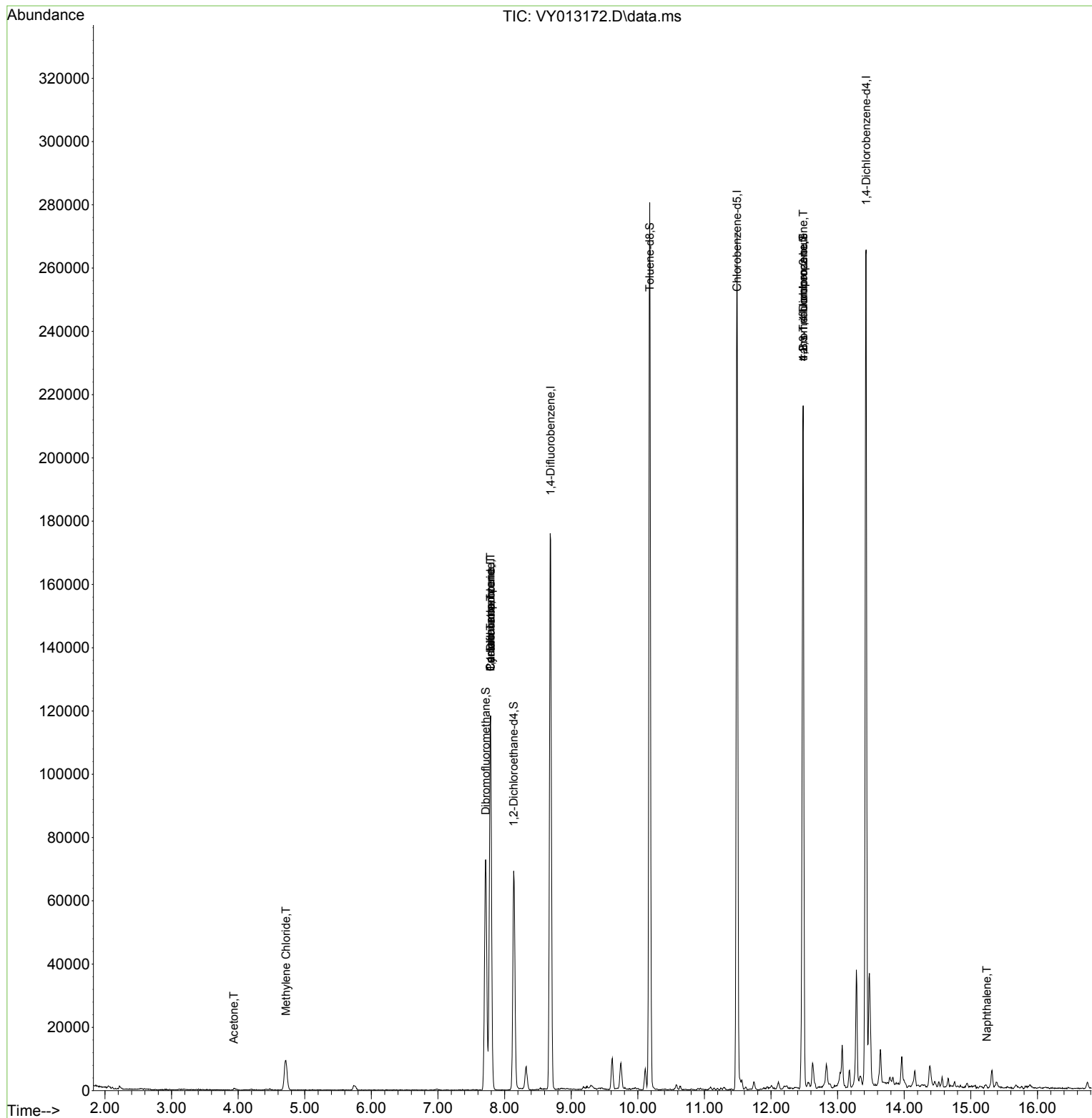
Internal Standards						
1) Pentafluorobenzene	7.789	168	95396	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	153104	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	143705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55652	54.284	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.716	113	50593	50.584	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.160%	
50) Toluene-d8	10.179	98	183857	48.693	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.380%	
62) 4-Bromofluorobenzene	12.483	95	61981	50.431	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.860%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	996	3.177	ug/l #	88
20) Methylene Chloride	4.716	84	7230	1.468	ug/l #	88
31) Cyclohexane	7.789	56	1848	1.104	ug/l #	25
36) 1,1-Dichloropropene	7.789	75	6608	4.389	ug/l #	51
38) Carbon Tetrachloride	7.789	117	8938	5.380	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	32487	40.005	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	32487	89.216	ug/l #	13
95) Naphthalene	15.239	128	255	3.321	ug/l #	82

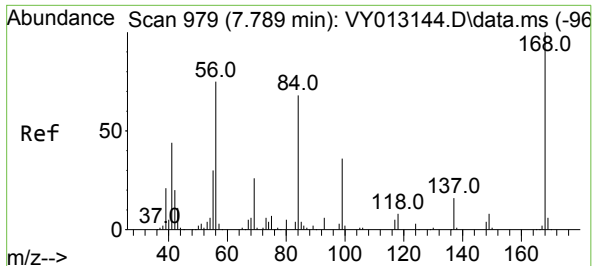
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
Data File : VY013172.D
Acq On : 03 Apr 2023 13:48
Operator : KP/MD
Sample : 02163-03
Misc : 5.63g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

Quant Time: Apr 03 23:08:17 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
Quant Title : SW846 8260
QLast Update : Mon Apr 03 13:40:57 2023
Response via : Initial Calibration

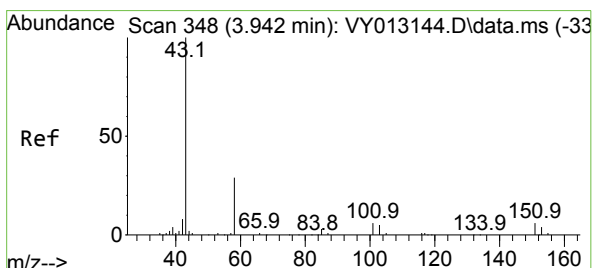
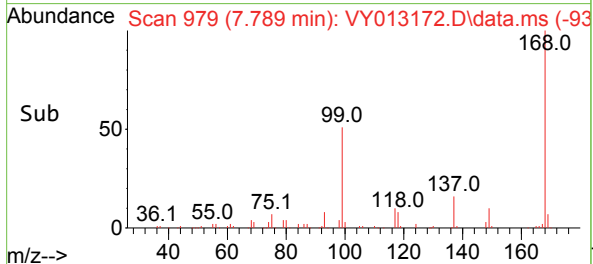
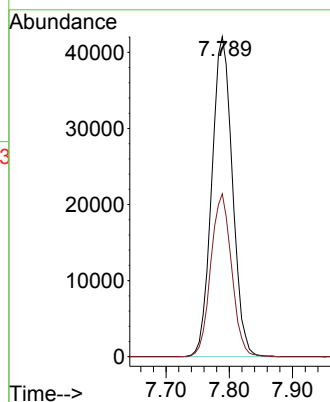
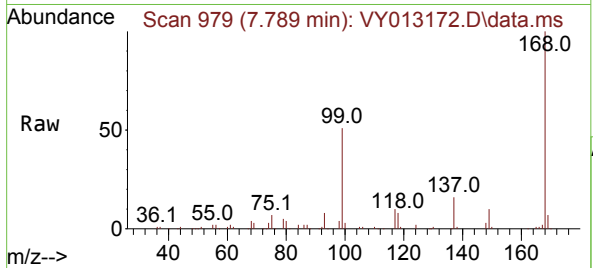




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

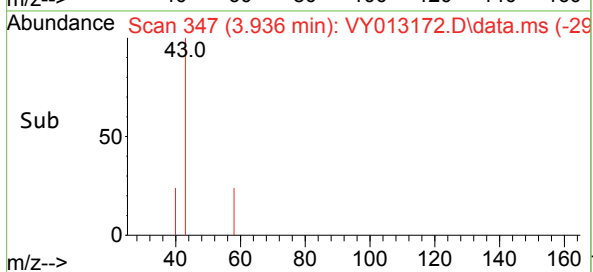
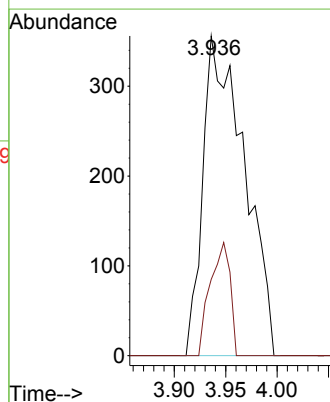
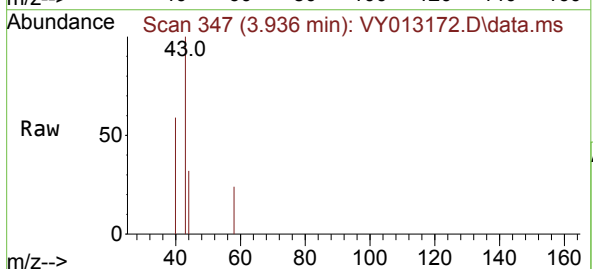
Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

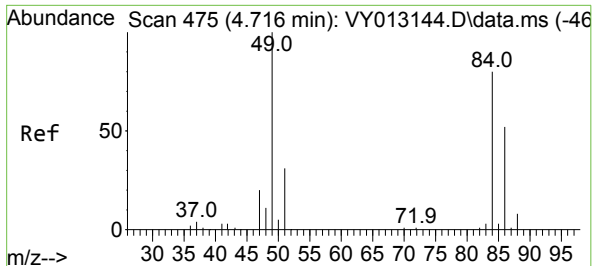
Tgt Ion:168 Resp: 95396
Ion Ratio Lower Upper
168 100
99 50.9 41.7 62.5



#16
Acetone
Concen: 3.177 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

Tgt Ion: 43 Resp: 996
Ion Ratio Lower Upper
43 100
58 23.9 24.2 36.2#

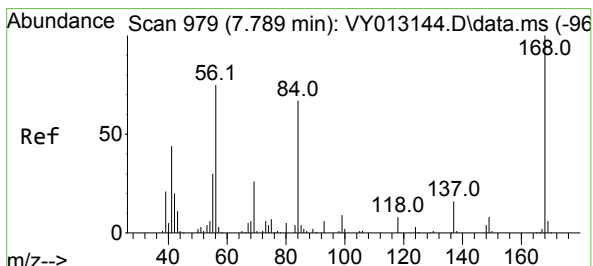
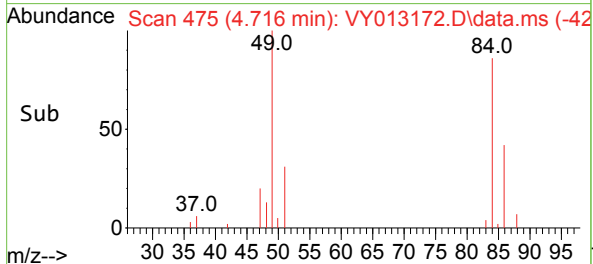
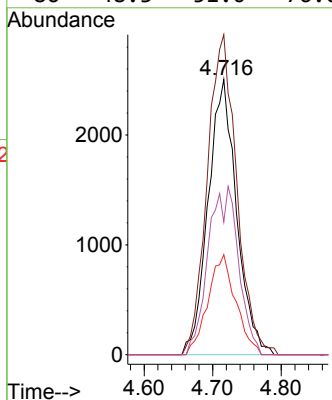
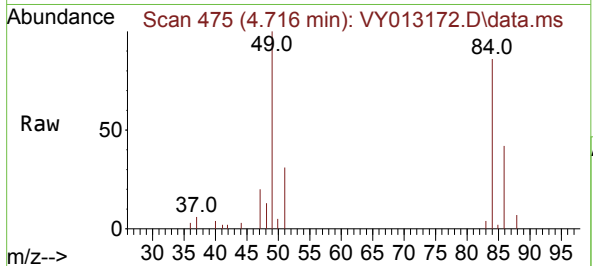




#20
Methylene Chloride
Concen: 1.468 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

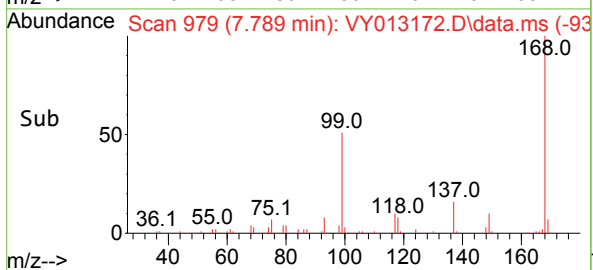
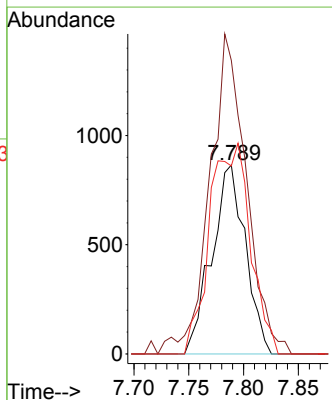
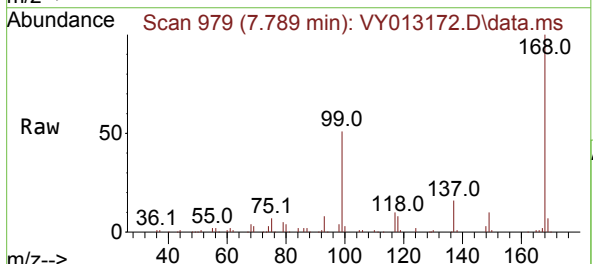
Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

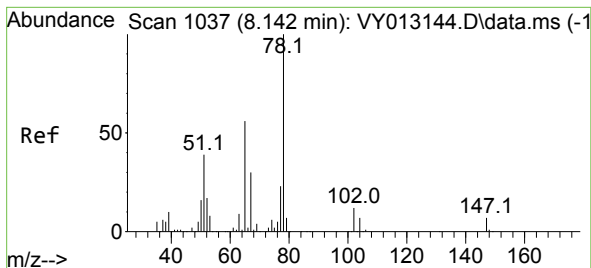
Tgt Ion: 84	Resp: 7230
Ion Ratio	Lower Upper
84 100	
49 116.3	102.6 154.0
51 36.4	31.9 47.9
86 48.3	51.0 76.6#



#31
Cyclohexane
Concen: 1.104 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

Tgt Ion: 56	Resp:	1848	
Ion	Ratio	Lower	Upper
56	100		
69	149.1	25.7	38.5#
84	99.5	64.3	96.5#





#33

1,2-Dichloroethane-d4

Concen: 54.284 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013172.D

Acq: 03 Apr 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

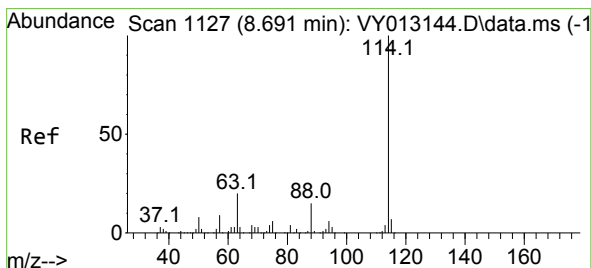
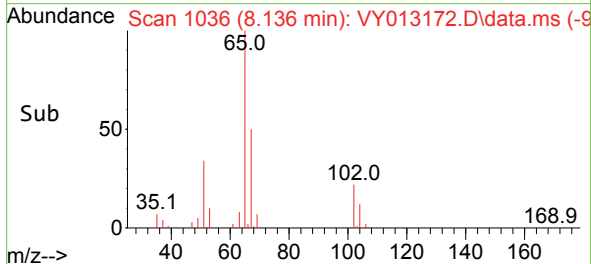
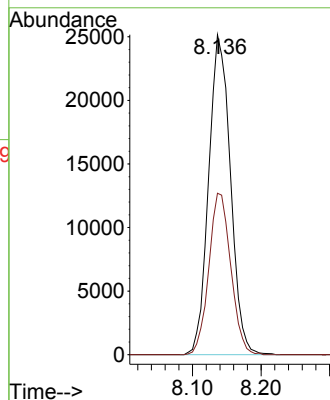
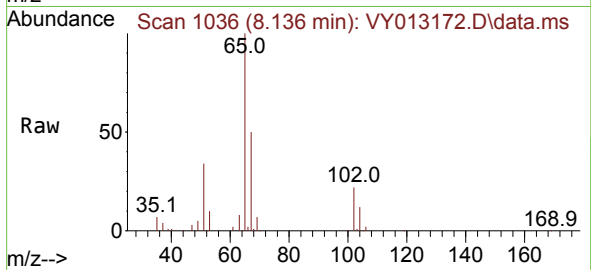
SB-3A

Tgt Ion: 65 Resp: 55652

Ion Ratio Lower Upper

65 100

67 50.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013172.D

Acq: 03 Apr 2023 13:48

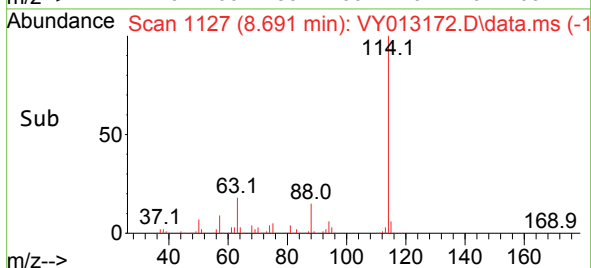
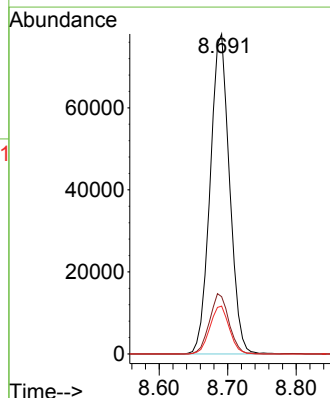
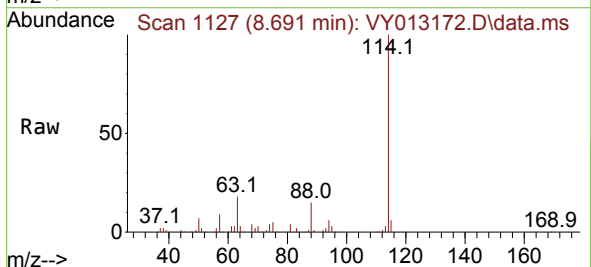
Tgt Ion: 114 Resp: 153104

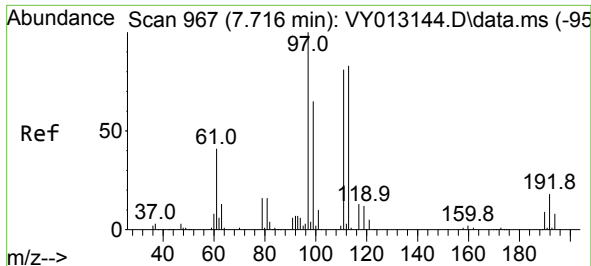
Ion Ratio Lower Upper

114 100

63 17.9 0.0 37.4

88 15.0 0.0 28.6

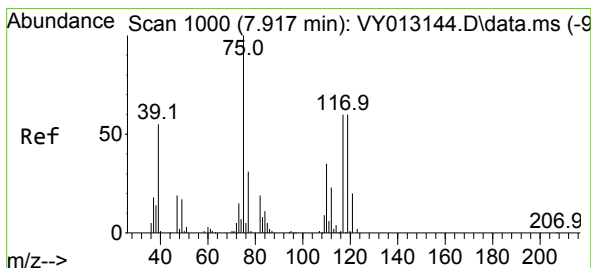
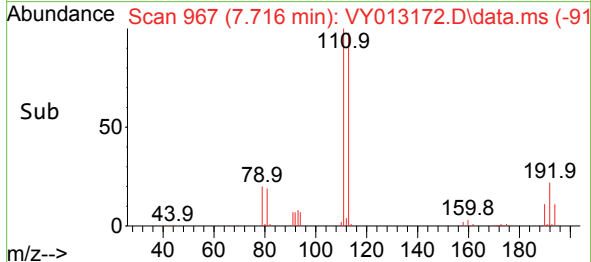
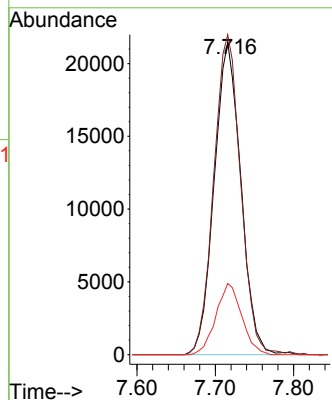
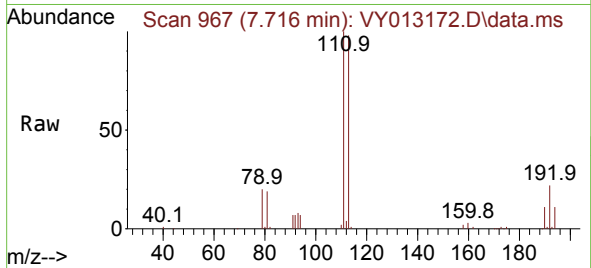




#35
Dibromofluoromethane
Concen: 50.584 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

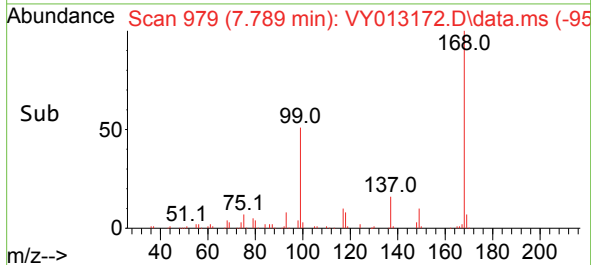
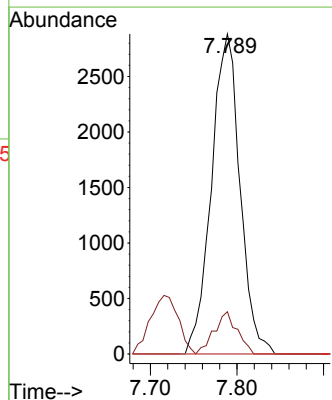
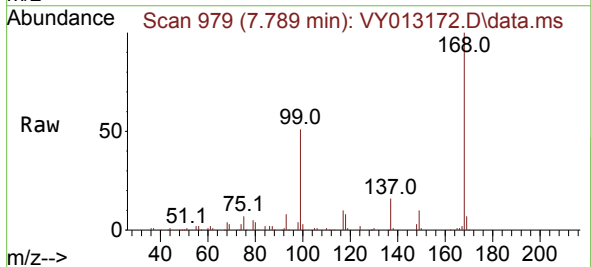
Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

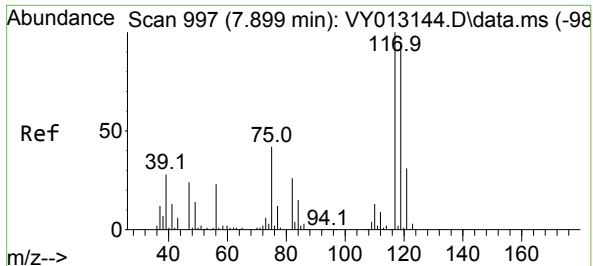
Tgt Ion:113 Resp: 50593
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 22.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.389 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

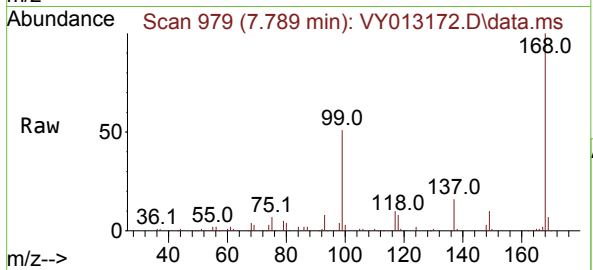
Tgt Ion: 75 Resp: 6608
Ion Ratio Lower Upper
75 100
110 10.6 17.8 53.3#
77 0.0 25.0 37.4#



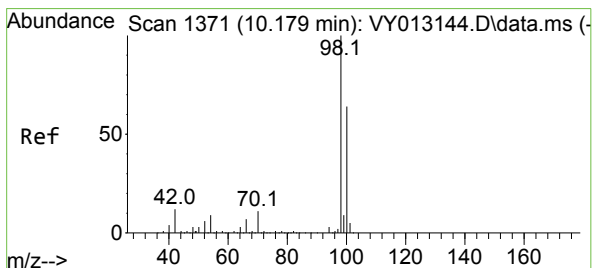
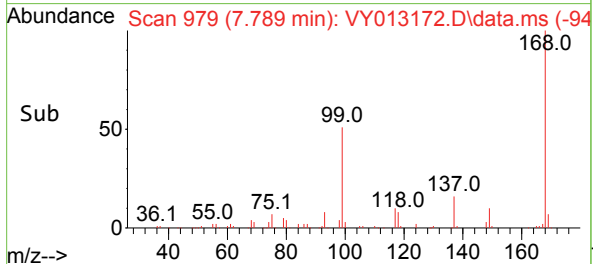
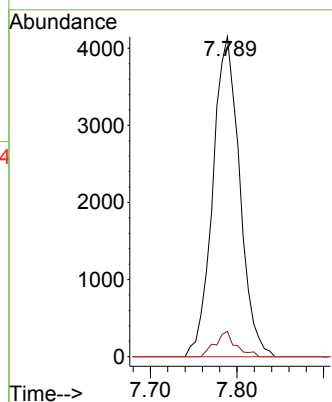


#38
Carbon Tetrachloride
Concen: 5.380 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

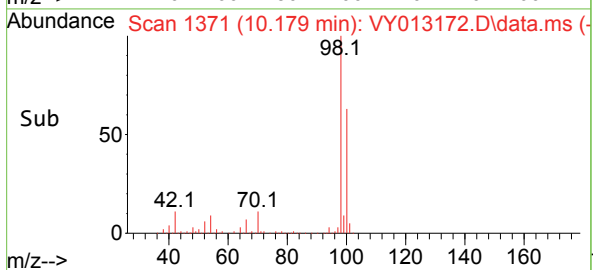
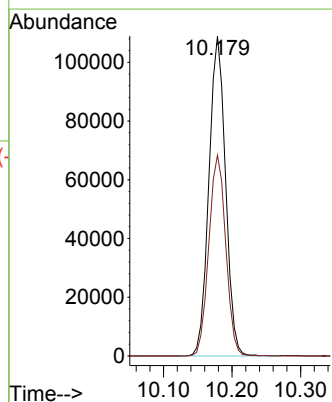
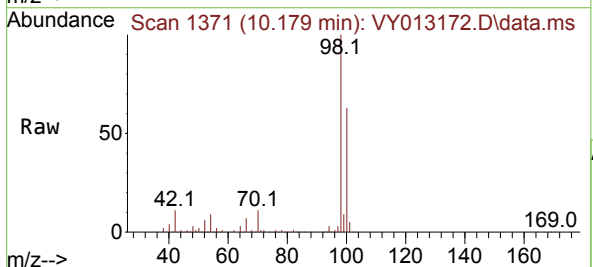


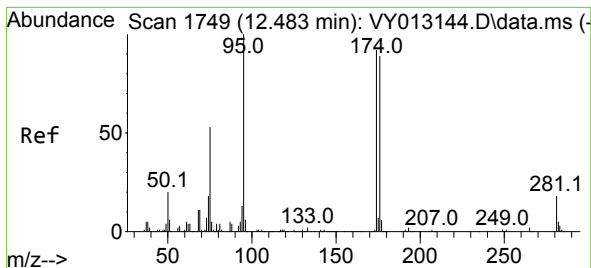
Tgt Ion:117 Resp: 8938
Ion Ratio Lower Upper
117 100
119 7.9 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 48.693 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

Tgt Ion: 98 Resp: 183857
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 50.431 ug/l

RT: 12.483 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013172.D

Acq: 03 Apr 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-3A

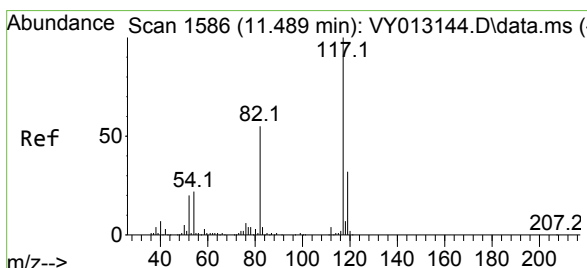
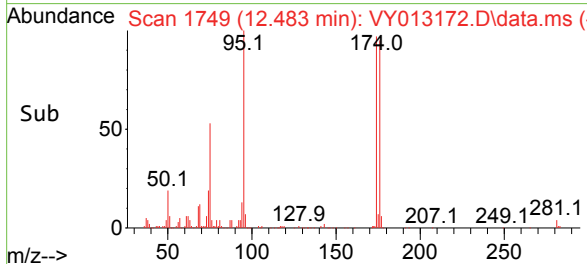
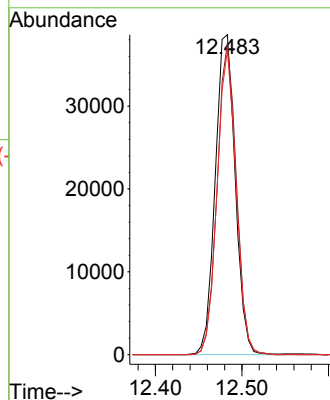
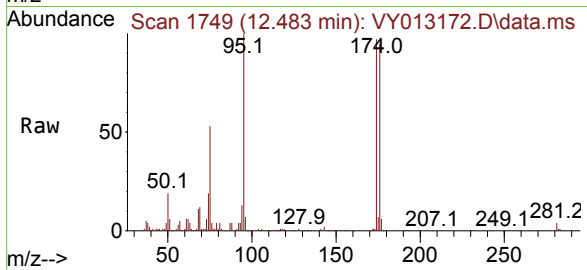
Tgt Ion: 95 Resp: 61981

Ion Ratio Lower Upper

95 100

174 93.3 0.0 176.6

176 90.3 0.0 170.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1586

Delta R.T. 0.000 min

Lab File: VY013172.D

Acq: 03 Apr 2023 13:48

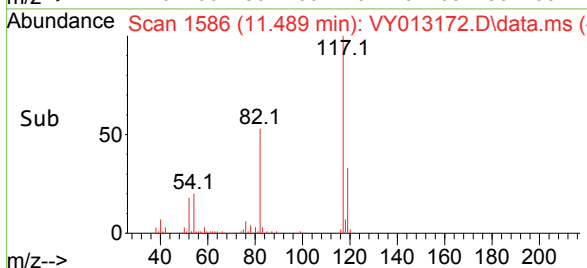
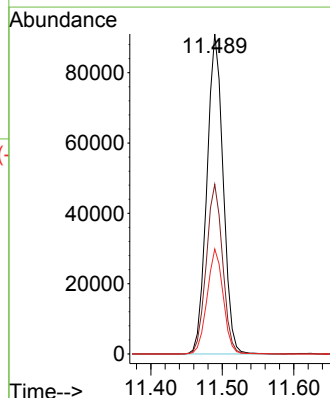
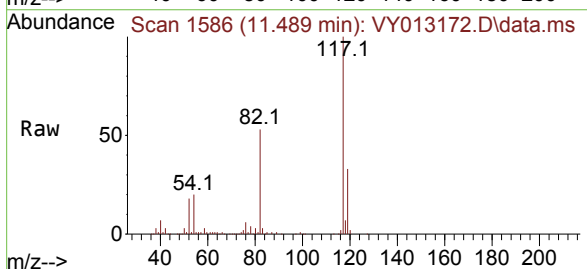
Tgt Ion: 117 Resp: 143705

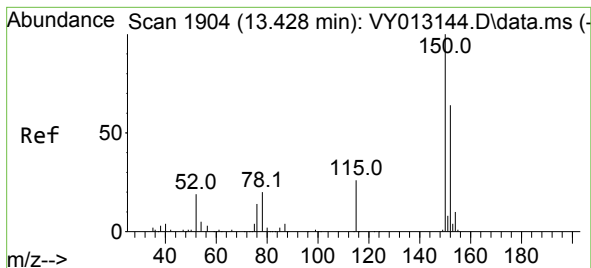
Ion Ratio Lower Upper

117 100

82 53.0 45.4 68.0

119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY013172.D

Acq: 03 Apr 2023 13:48

Instrument :

MSVOA_Y

ClientSampleId :

SB-3A

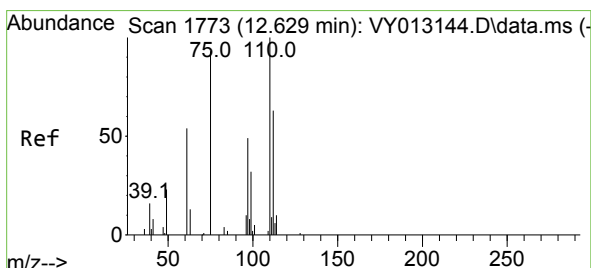
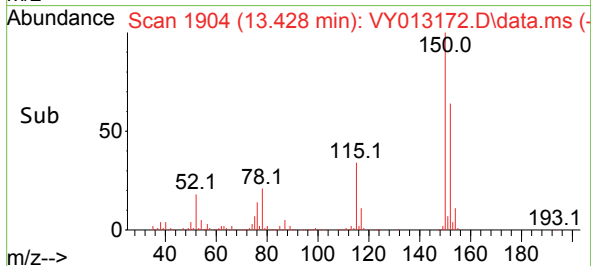
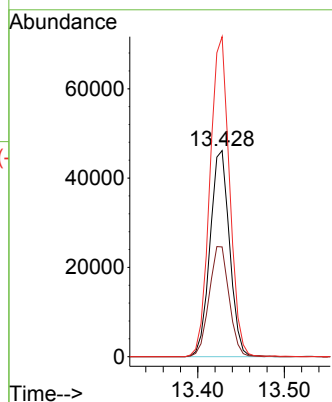
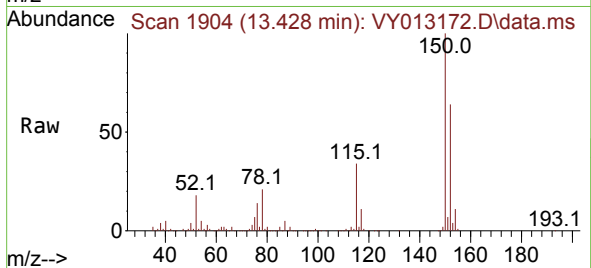
Tgt Ion:152 Resp: 72288

Ion Ratio Lower Upper

152 100

115 54.5 27.1 81.3

150 155.6 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 40.005 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013172.D

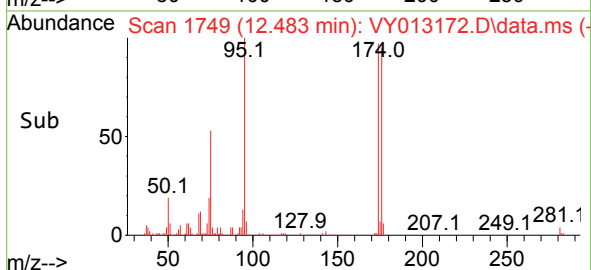
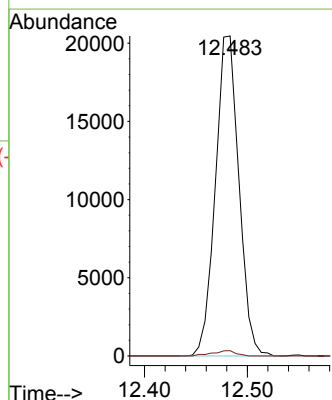
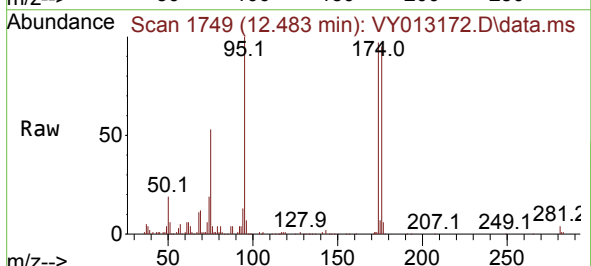
Acq: 03 Apr 2023 13:48

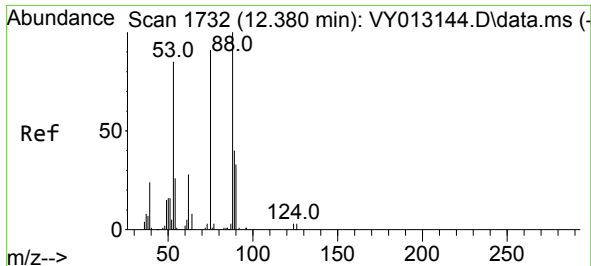
Tgt Ion: 75 Resp: 32487

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

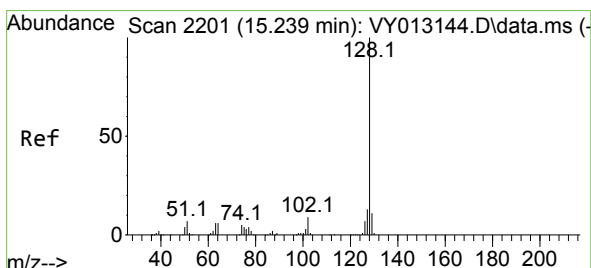
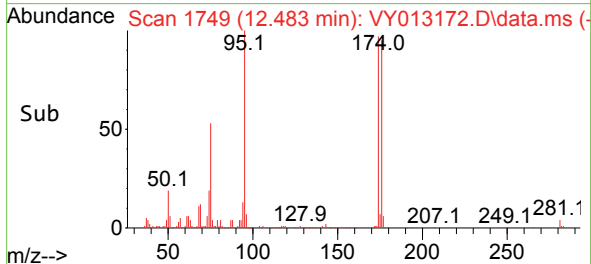
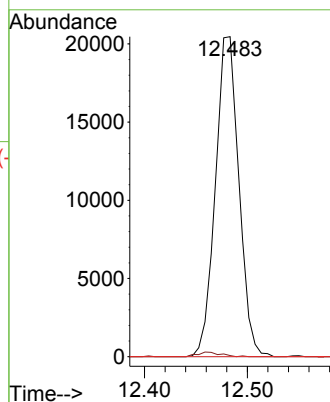
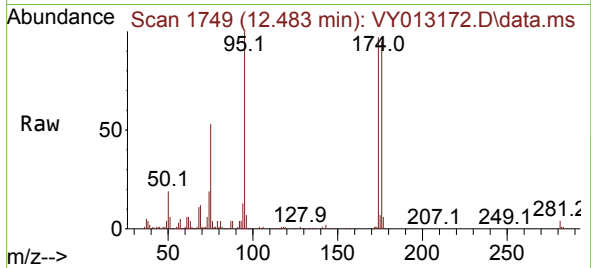




#81
trans-1,4-Dichloro-2-butene
Concen: 89.216 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

Instrument :
MSVOA_Y
ClientSampleId :
SB-3A

Tgt Ion: 75 Resp: 32487
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.321 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013172.D
Acq: 03 Apr 2023 13:48

Tgt Ion: 128 Resp: 255
Ion Ratio Lower Upper
128 100
127 9.0 10.3 15.5#
129 0.0 8.6 13.0#

