

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014031.D
 Acq On : 06 Jun 2023 15:25
 Operator : KP/MD
 Sample : 03039-05
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB31B

Quant Time: Jun 07 01:39:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

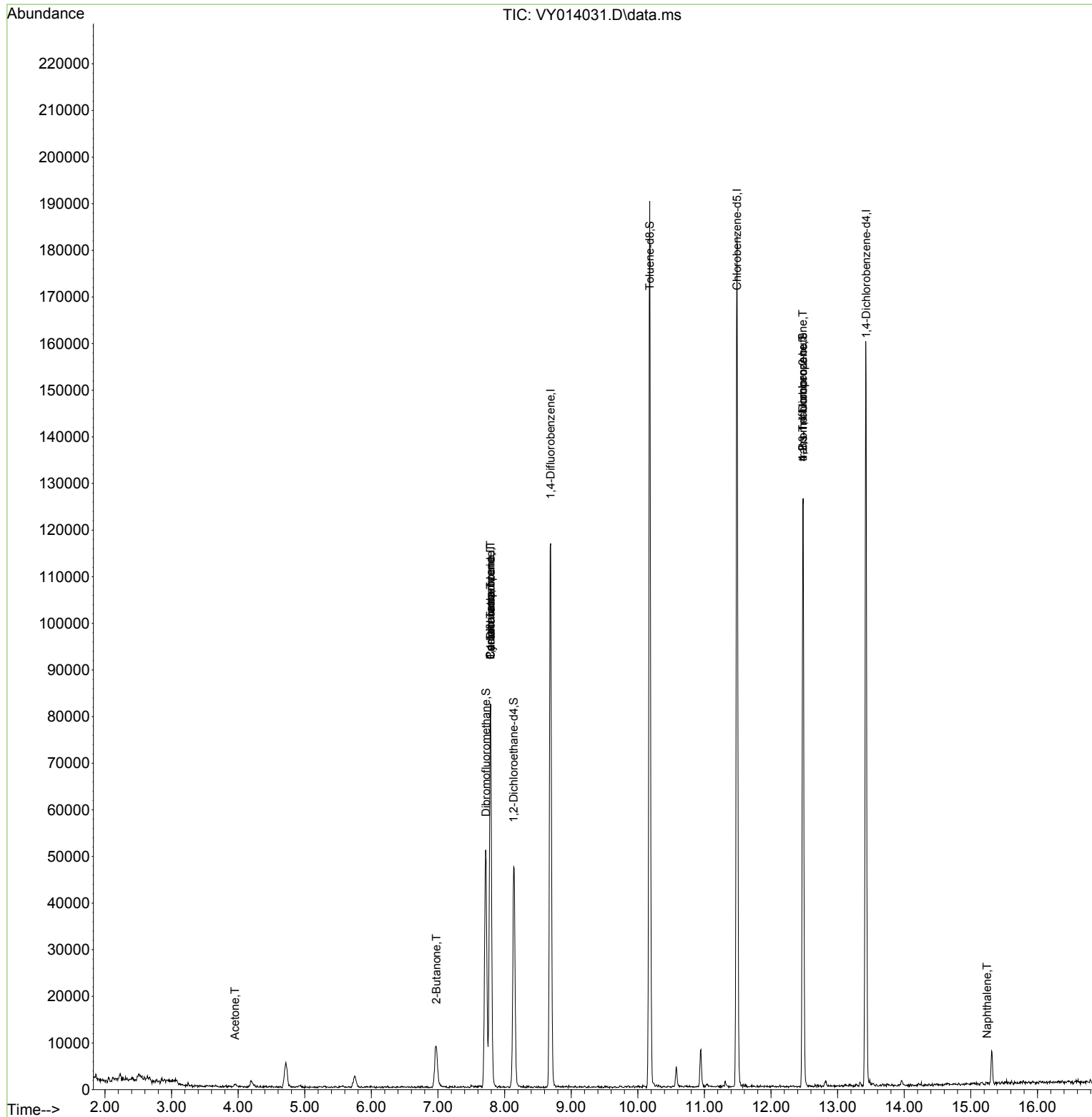
Internal Standards						
1) Pentafluorobenzene	7.789	168	62920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	99593	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	97415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	41406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	41067	49.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.620%
35) Dibromofluoromethane	7.722	113	34921	55.174	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.340%
50) Toluene-d8	10.179	98	121195	50.200	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.400%
62) 4-Bromofluorobenzene	12.477	95	37204	45.202	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.400%
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	926	3.250	ug/l #	79
25) 2-Butanone	6.978	43	611	1.721	ug/l #	49
31) Cyclohexane	7.789	56	1363	1.359	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	4974	5.516	ug/l #	50
38) Carbon Tetrachloride	7.789	117	6124	6.061	ug/l #	21
76) 1,2,3-Trichloropropane	12.477	75	19609	35.192	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	19609	74.660	ug/l #	11
95) Naphthalene	15.245	128	294	4.021	ug/l #	69

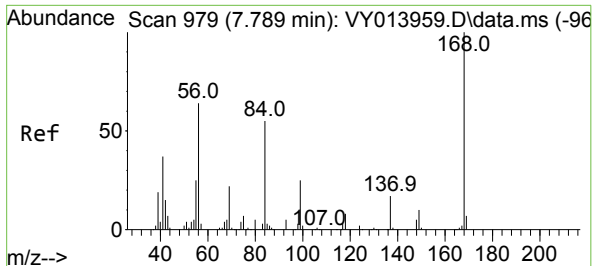
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
Data File : VY014031.D
Acq On : 06 Jun 2023 15:25
Operator : KP/MD
Sample : 03039-05
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB31B

Quant Time: Jun 07 01:39:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

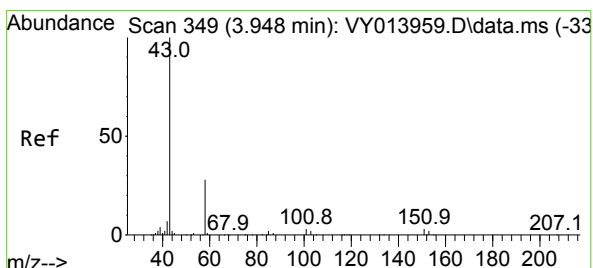
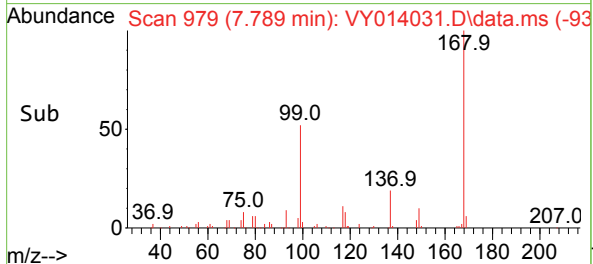
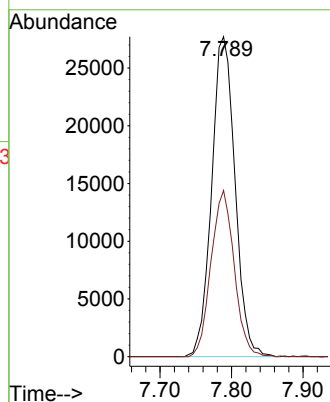
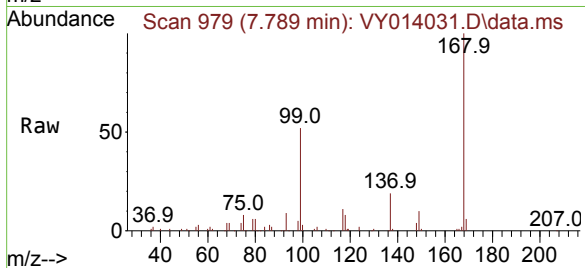




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

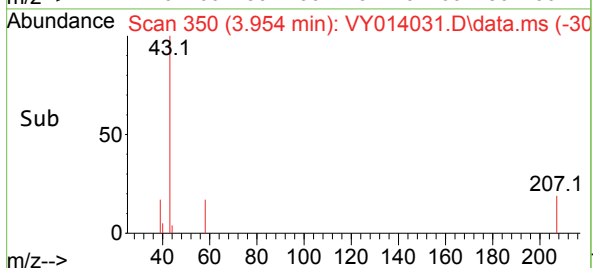
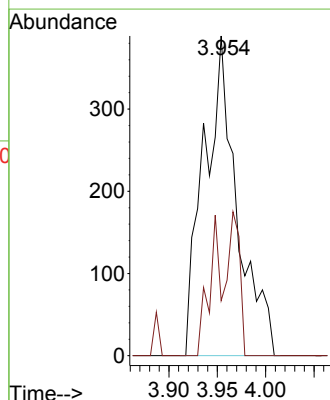
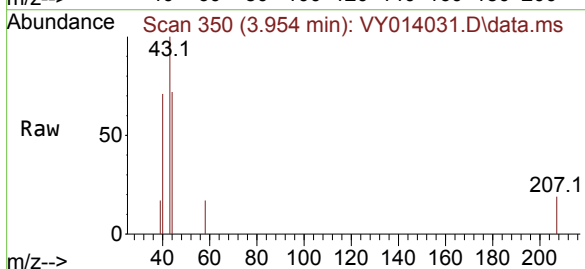
Instrument :
MSVOA_Y
ClientSampleId :
SB31B

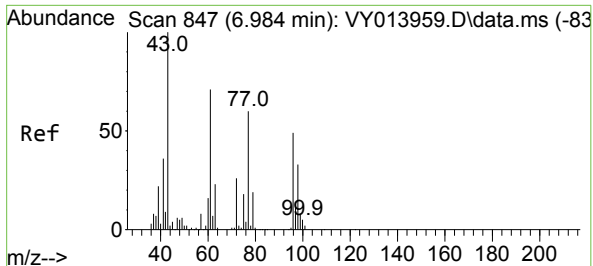
Tgt Ion:168 Resp: 62920
Ion Ratio Lower Upper
168 100
99 51.9 43.4 65.0



#16
Acetone
Concen: 3.250 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 43 Resp: 926
Ion Ratio Lower Upper
43 100
58 17.2 22.7 34.1#

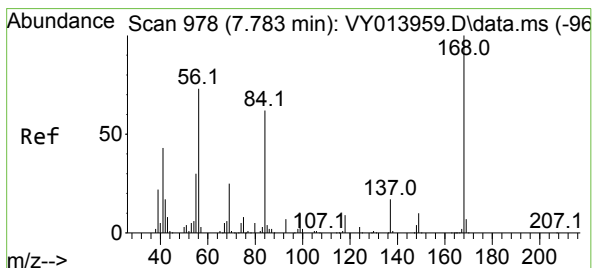
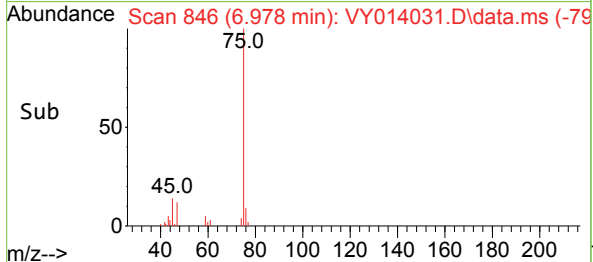
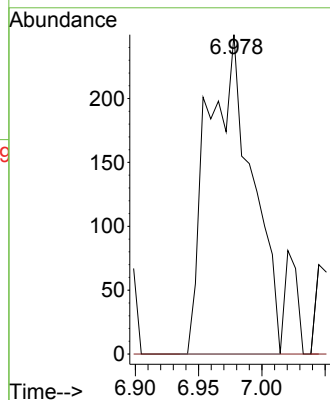
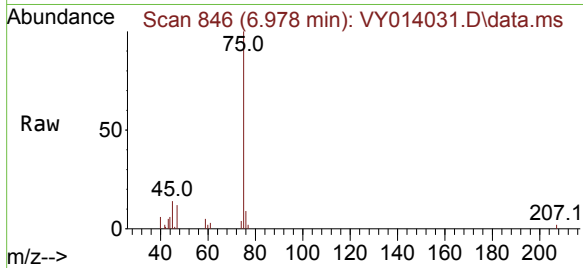




#25
2-Butanone
Concen: 1.721 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

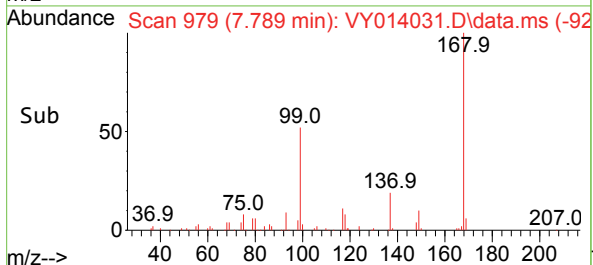
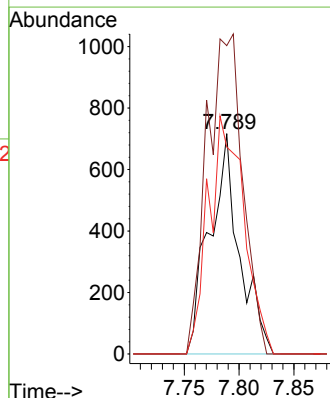
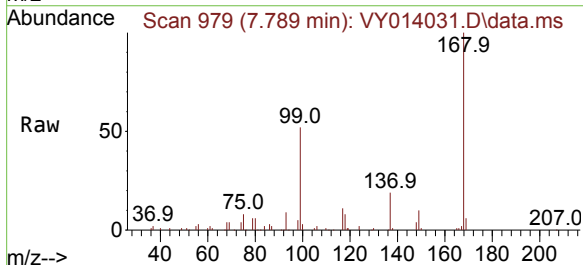
Instrument :
MSVOA_Y
ClientSampleId :
SB31B

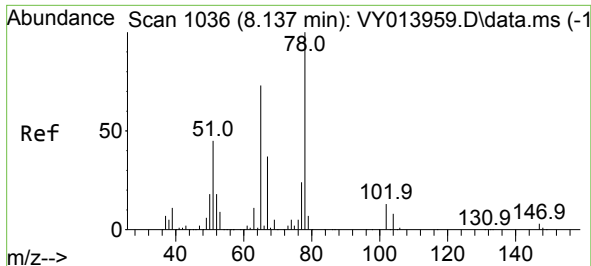
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
72 0.0 20.5 30.7#



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.006 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 56 Resp: 1363
Ion Ratio Lower Upper
56 100
69 139.9 27.8 41.6#
84 93.9 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 49.305 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY014031.D

Acq: 06 Jun 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

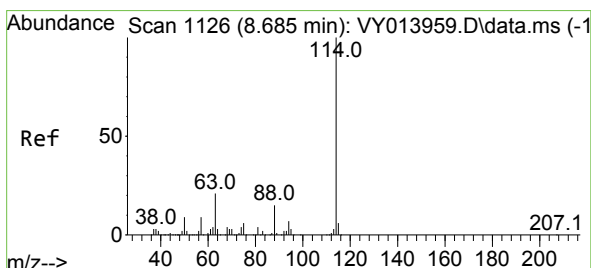
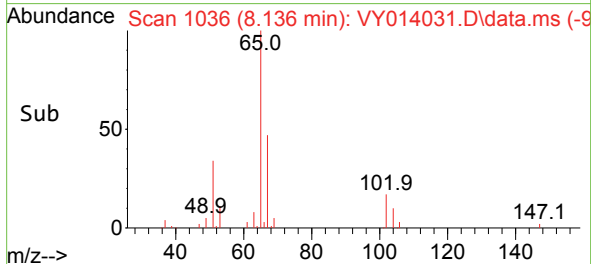
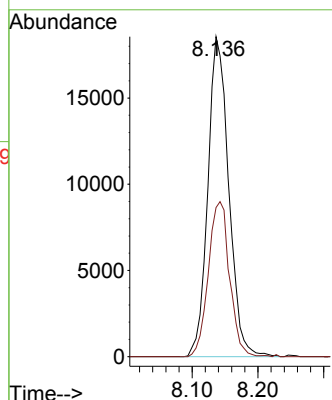
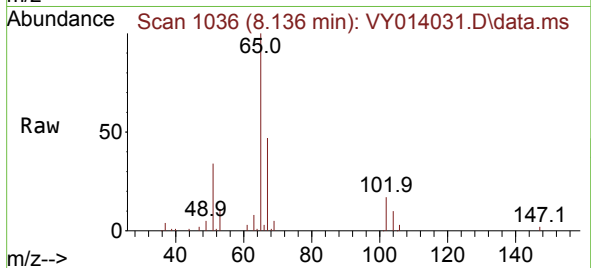
SB31B

Tgt Ion: 65 Resp: 41067

Ion Ratio Lower Upper

65 100

67 49.2 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY014031.D

Acq: 06 Jun 2023 15:25

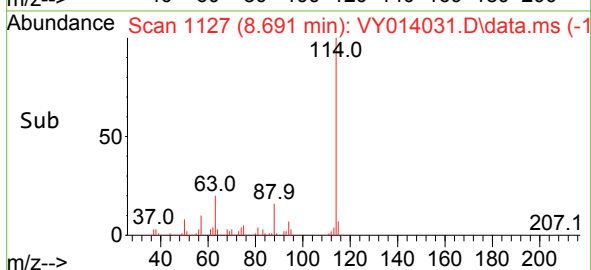
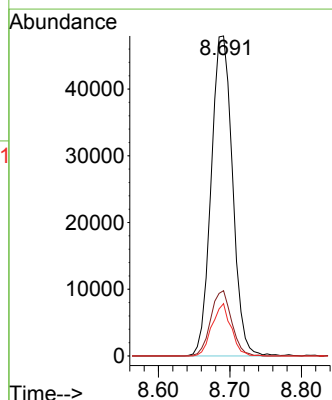
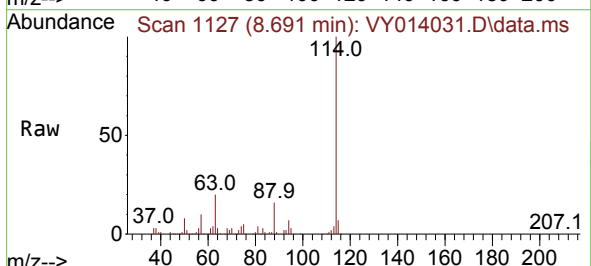
Tgt Ion: 114 Resp: 99593

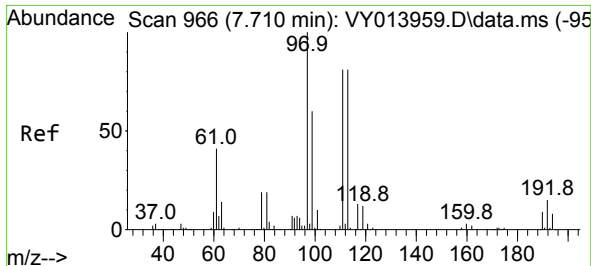
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.4

88 16.4 0.0 30.6

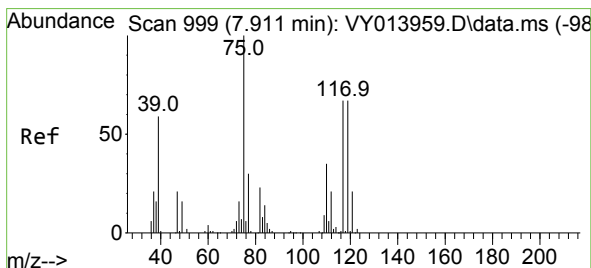
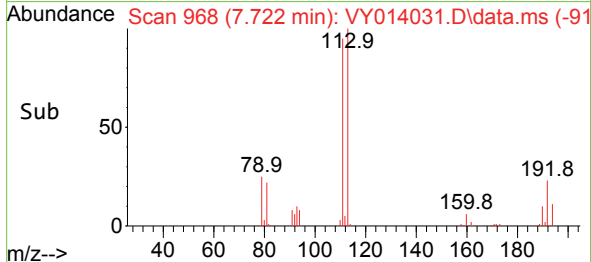
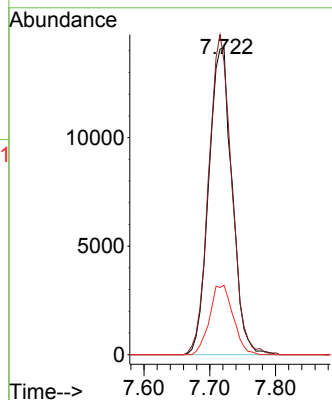
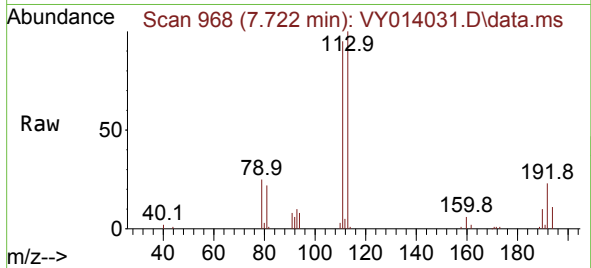




#35
Dibromofluoromethane
Concen: 55.174 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

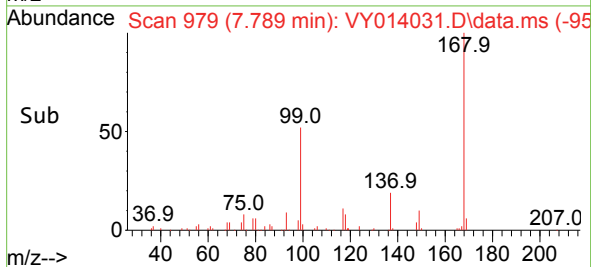
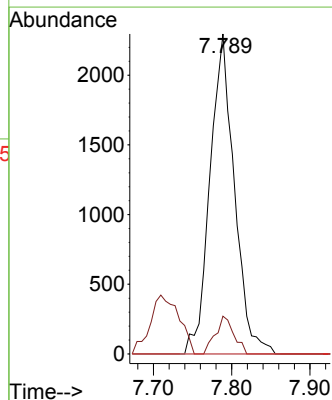
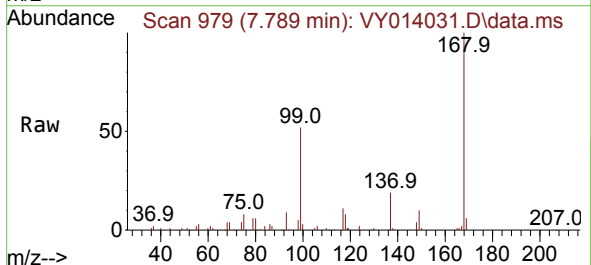
Instrument :
MSVOA_Y
ClientSampleId :
SB31B

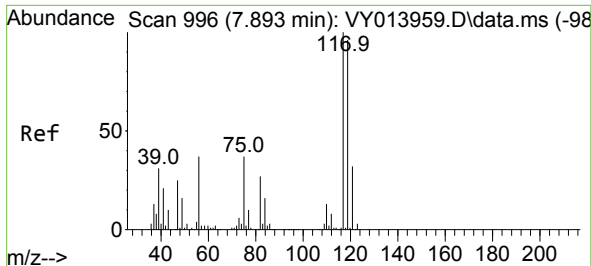
Tgt Ion:113 Resp: 34921
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 22.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.516 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 75 Resp: 4974
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.5#
77 0.0 24.4 36.6#

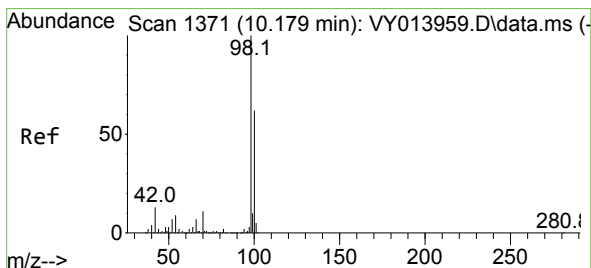
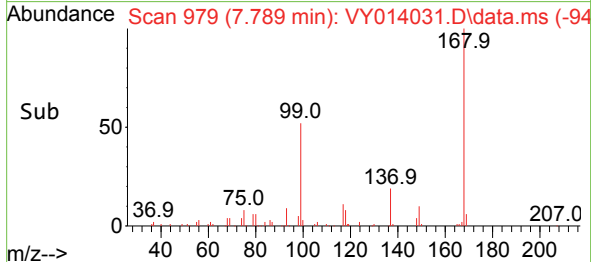
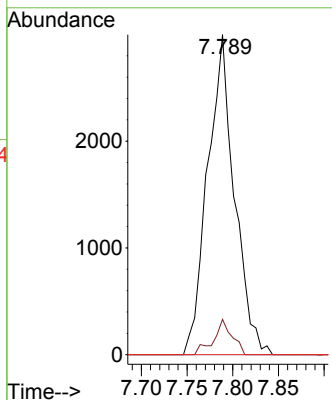
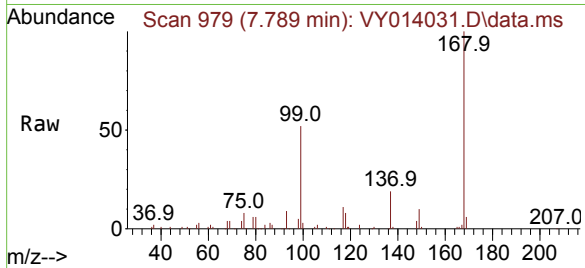




#38
Carbon Tetrachloride
Concen: 6.061 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

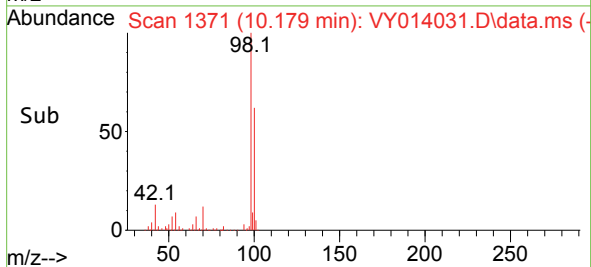
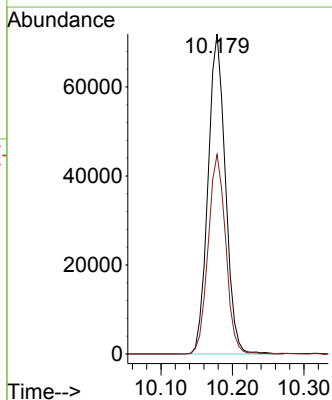
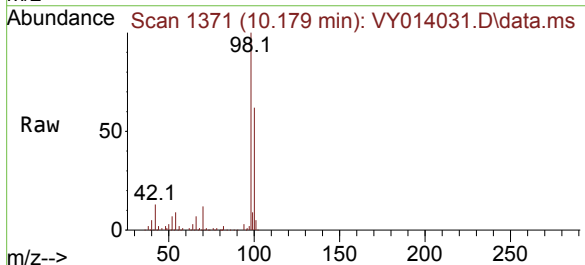
Instrument :
MSVOA_Y
ClientSampleId :
SB31B

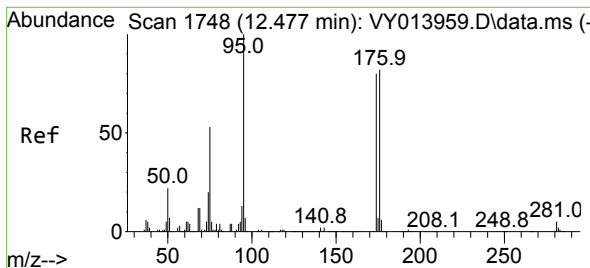
Tgt Ion:117 Resp: 6124
Ion Ratio Lower Upper
117 100
119 11.0 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 50.200 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 98 Resp: 121195
Ion Ratio Lower Upper
98 100
100 62.8 50.1 75.1

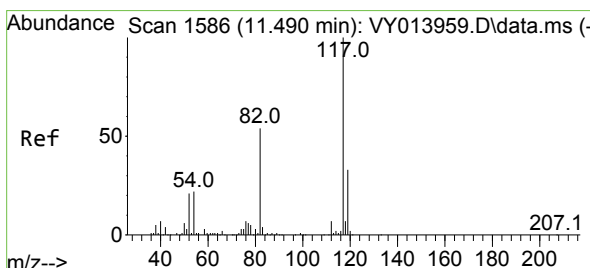
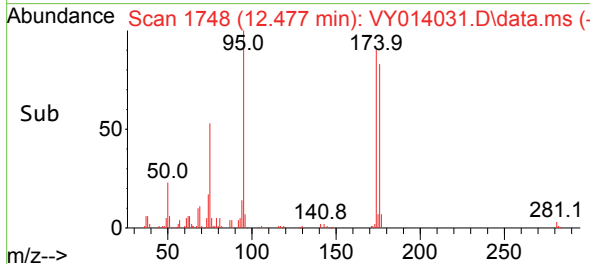
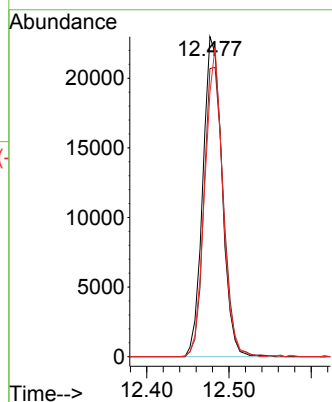
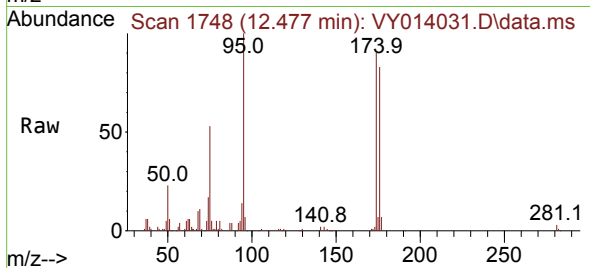




#62
4-Bromofluorobenzene
Concen: 45.202 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

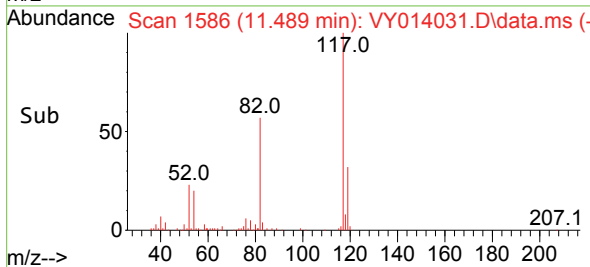
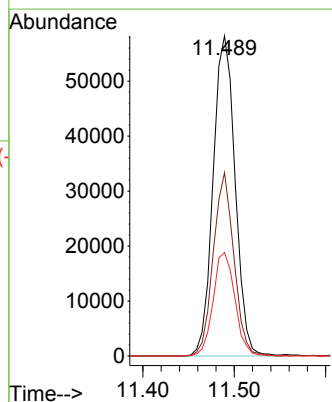
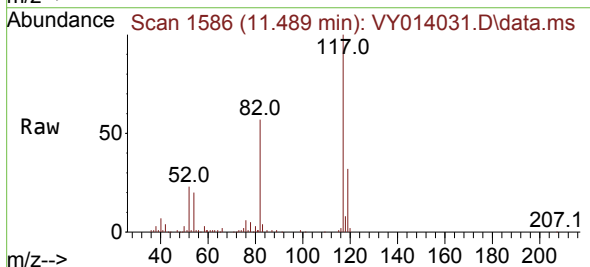
Instrument :
MSVOA_Y
ClientSampleId :
SB31B

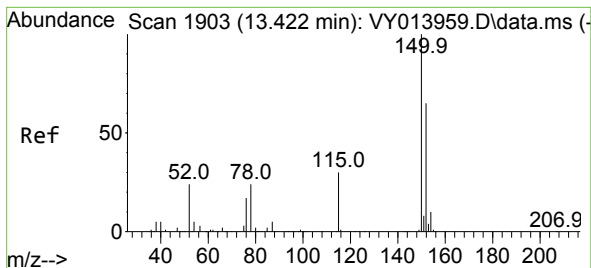
Tgt Ion: 95 Resp: 37204
Ion Ratio Lower Upper
95 100
174 91.9 0.0 178.2
176 90.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 117 Resp: 97415
Ion Ratio Lower Upper
117 100
82 57.3 43.4 65.0
119 32.3 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014031.D

Acq: 06 Jun 2023 15:25

Instrument :

MSVOA_Y

ClientSampleId :

SB31B

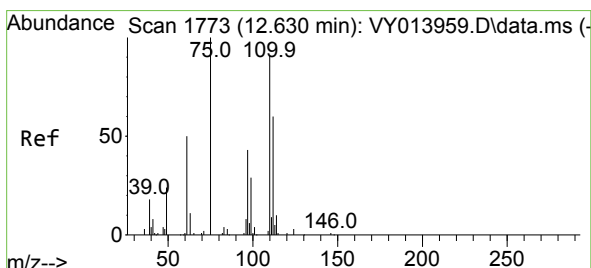
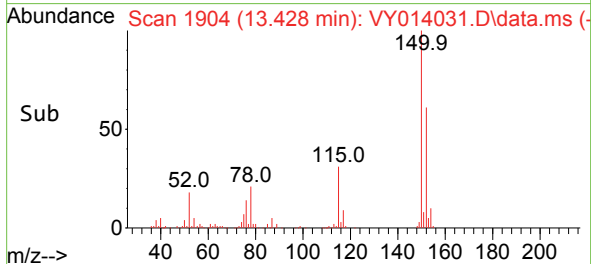
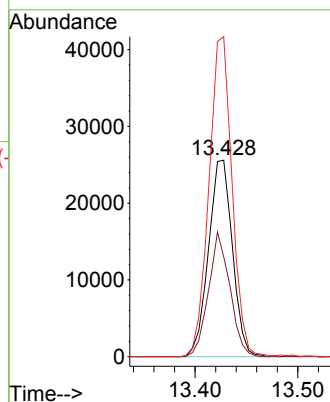
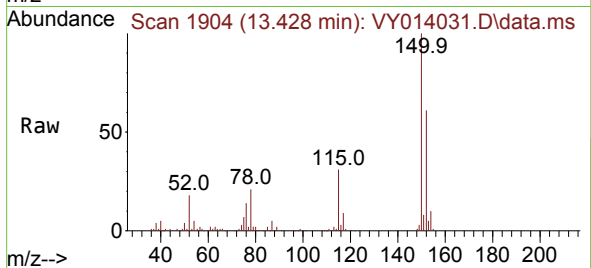
Tgt Ion:152 Resp: 41406

Ion Ratio Lower Upper

152 100

115 56.6 28.8 86.5

150 157.1 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 35.192 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY014031.D

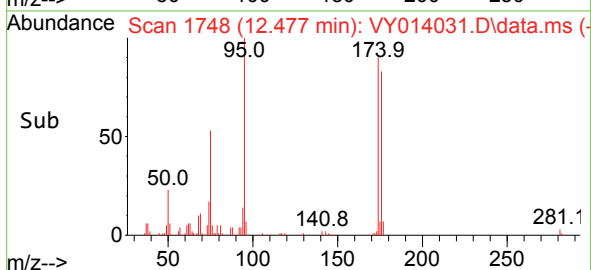
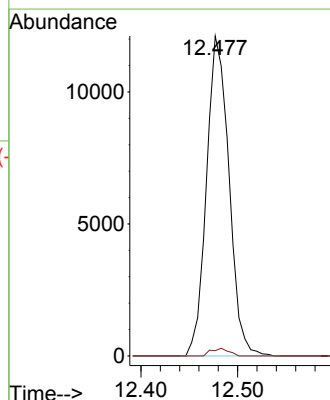
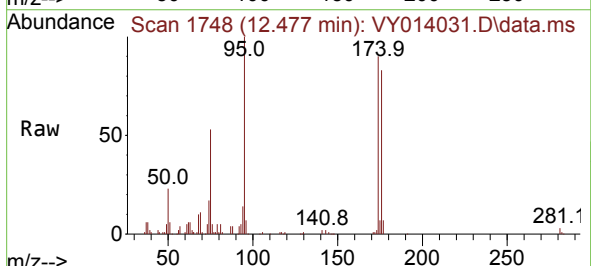
Acq: 06 Jun 2023 15:25

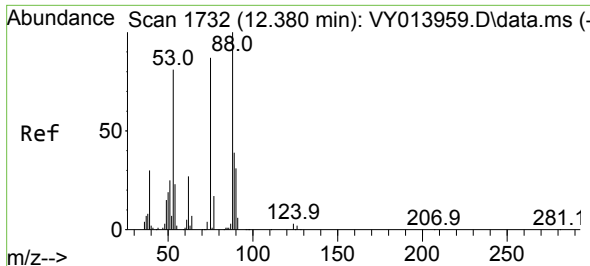
Tgt Ion: 75 Resp: 19609

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#

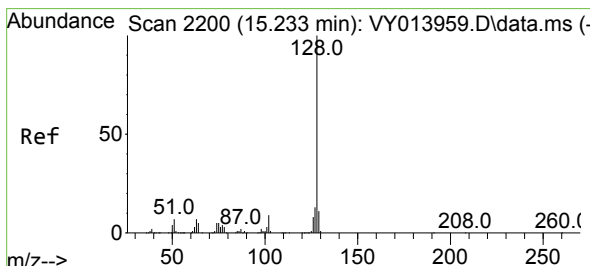
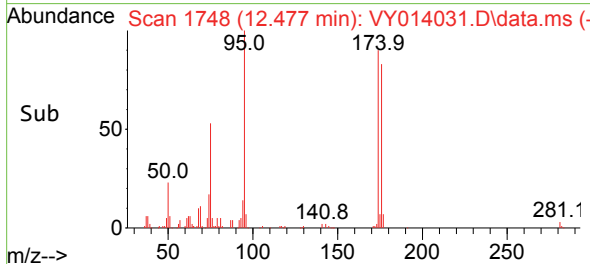
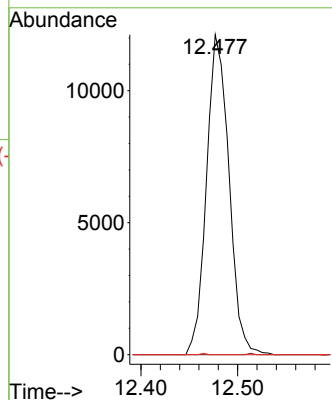
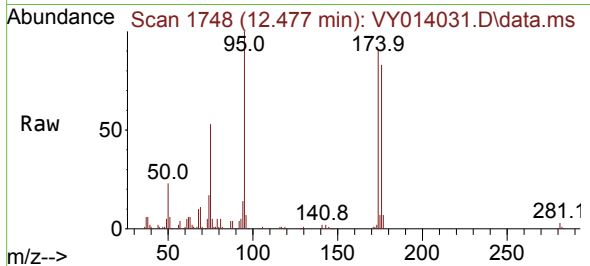




#81
trans-1,4-Dichloro-2-butene
Concen: 74.660 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.097 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Instrument :
MSVOA_Y
ClientSampleId :
SB31B

Tgt Ion: 75 Resp: 19609
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#



#95
Naphthalene
Concen: 4.021 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.012 min
Lab File: VY014031.D
Acq: 06 Jun 2023 15:25

Tgt Ion: 128 Resp: 294
Ion Ratio Lower Upper
128 100
127 0.0 10.8 16.2#
129 0.0 8.6 13.0#

