

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013169.D
 Acq On : 03 Apr 2023 12:38
 Operator : KP/MD
 Sample : 02136-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-03-033023

Quant Time: Apr 03 23:07:25 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)

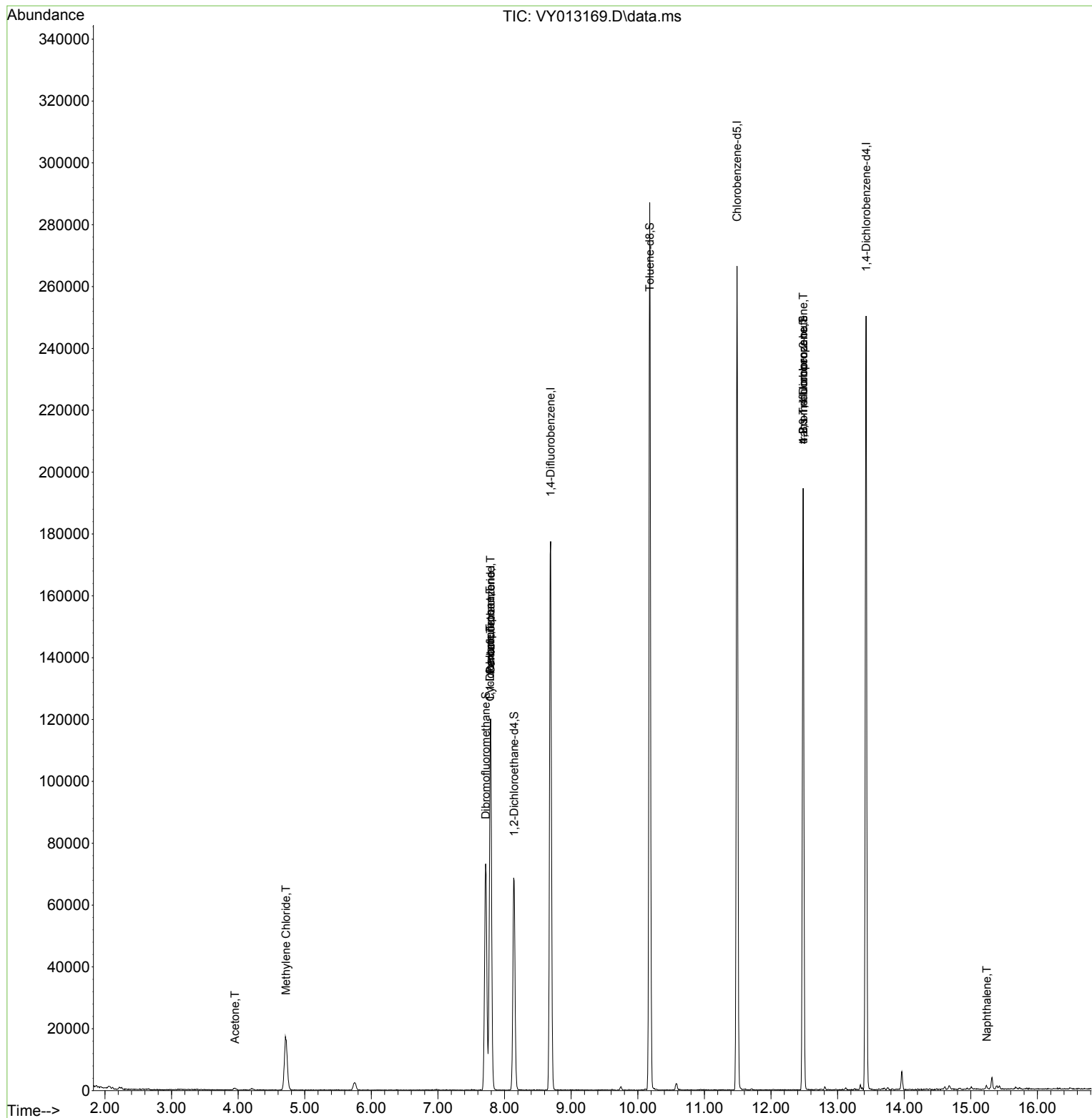
Internal Standards						
1) Pentafluorobenzene	7.789	168	97701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	143884	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	55642	52.994	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.980%	
35) Dibromofluoromethane	7.716	113	51274	50.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.179	98	182776	47.682	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.360%	
62) 4-Bromofluorobenzene	12.483	95	57495	46.080	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.160%	
Target Compounds						
					Qvalue	
16) Acetone	3.954	43	1166	3.632	ug/l	100
20) Methylene Chloride	4.716	84	13050	7.174	ug/l	91
31) Cyclohexane	7.783	56	1782	1.040	ug/l #	10
36) 1,1-Dichloropropene	7.783	75	6509	4.258	ug/l #	49
38) Carbon Tetrachloride	7.789	117	9091	5.390	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	29369	39.183	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	29369	87.383	ug/l #	13
95) Naphthalene	15.239	128	1334	3.731	ug/l #	87

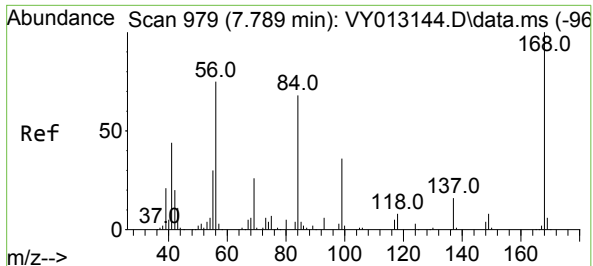
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
Data File : VY013169.D
Acq On : 03 Apr 2023 12:38
Operator : KP/MD
Sample : 02136-01RE
Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

Quant Time: Apr 03 23:07:25 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

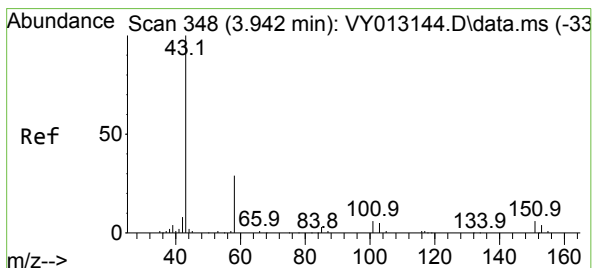
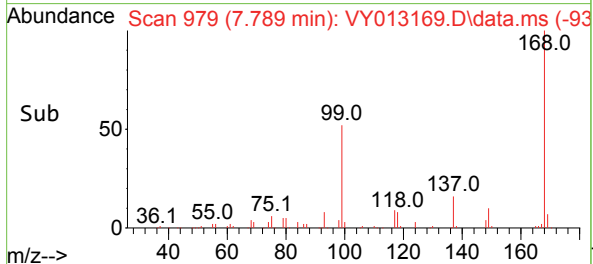
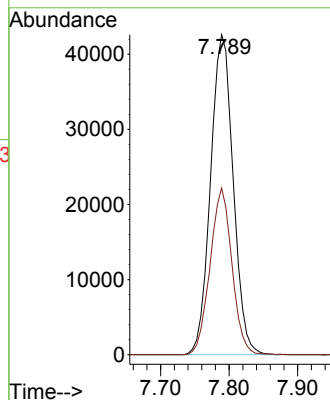
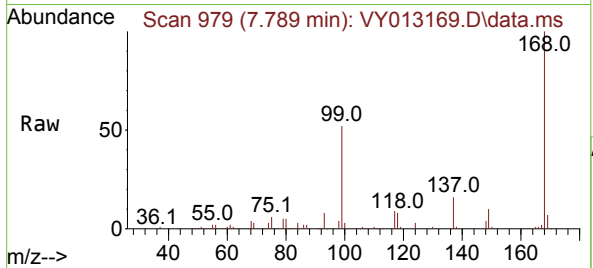




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

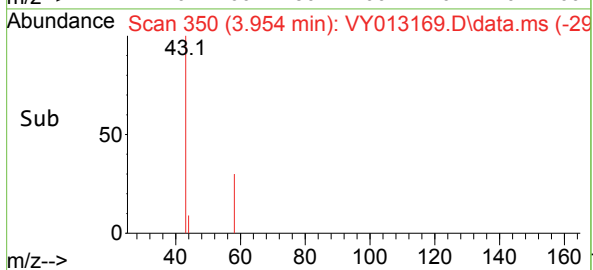
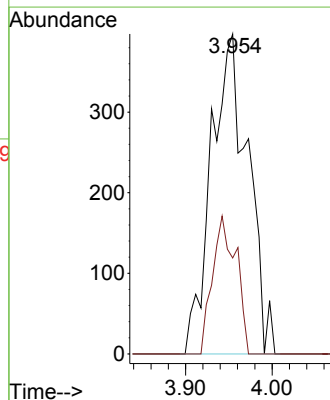
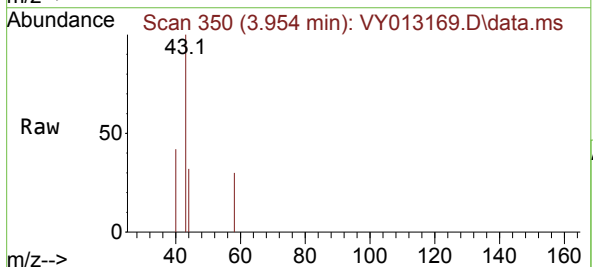
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

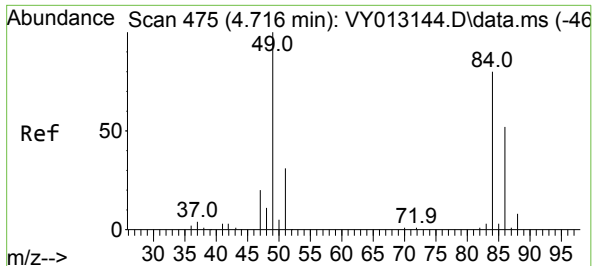
Tgt Ion:168 Resp: 97701
Ion Ratio Lower Upper
168 100
99 52.1 41.7 62.5



#16
Acetone
Concen: 3.632 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Tgt Ion: 43 Resp: 1166
Ion Ratio Lower Upper
43 100
58 30.0 24.2 36.2





#20

Methylene Chloride

Concen: 7.174 ug/l

RT: 4.716 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013169.D

Acq: 03 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-033023

Tgt Ion: 84 Resp: 13050

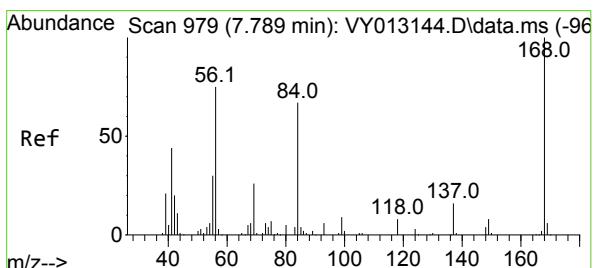
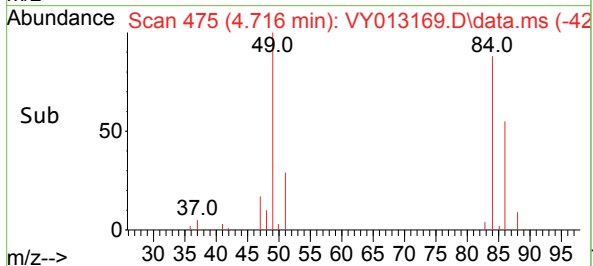
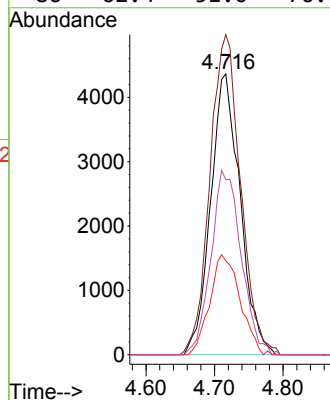
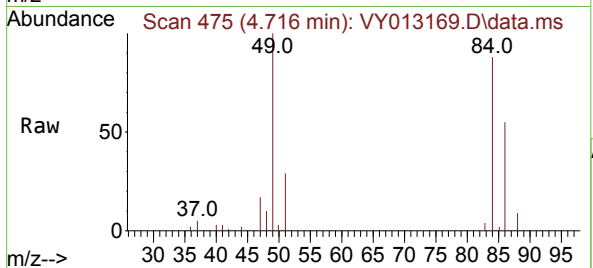
Ion Ratio Lower Upper

84 100

49 114.0 102.6 154.0

51 33.4 31.9 47.9

86 62.4 51.0 76.6



#31

Cyclohexane

Concen: 1.040 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.006 min

Lab File: VY013169.D

Acq: 03 Apr 2023 12:38

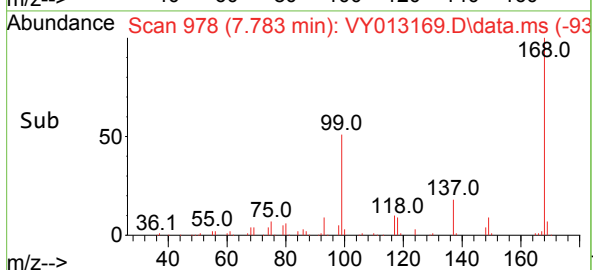
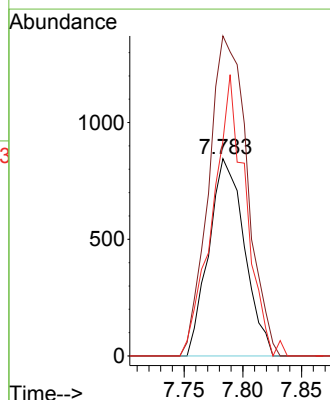
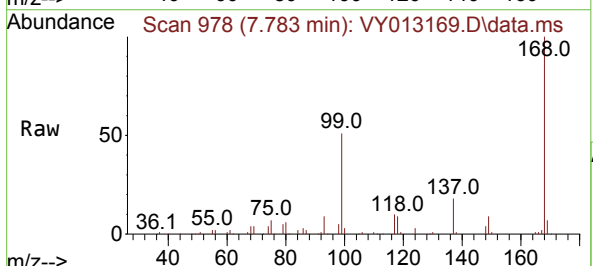
Tgt Ion: 56 Resp: 1782

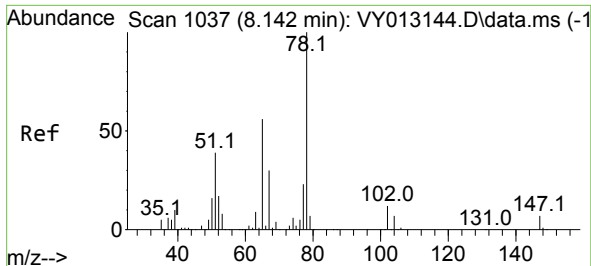
Ion Ratio Lower Upper

56 100

69 162.2 25.7 38.5#

84 108.9 64.3 96.5#





#33

1,2-Dichloroethane-d4

Concen: 52.994 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.001 min

Lab File: VY013169.D

Acq: 03 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

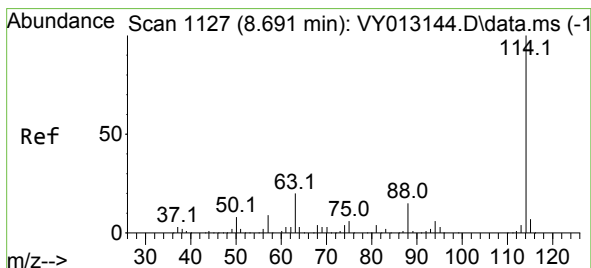
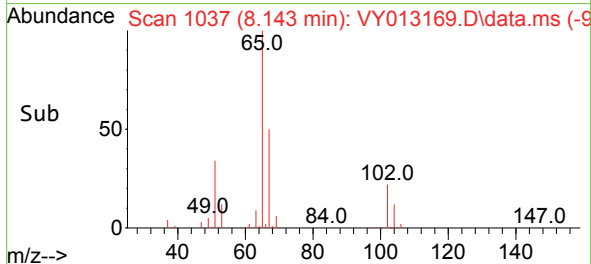
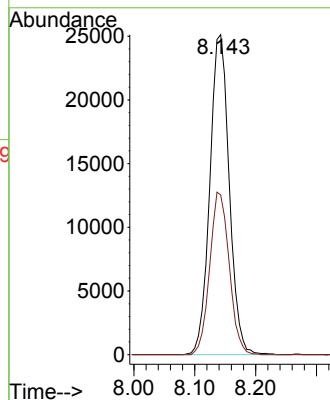
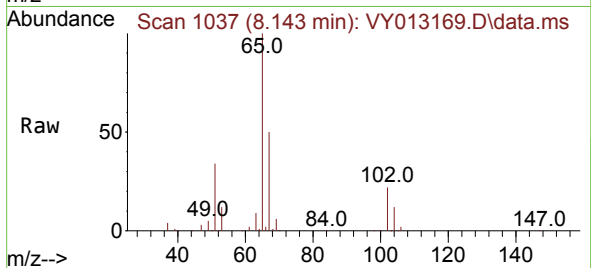
SU-03-033023

Tgt Ion: 65 Resp: 55642

Ion Ratio Lower Upper

65 100

67 50.9 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: VY013169.D

Acq: 03 Apr 2023 12:38

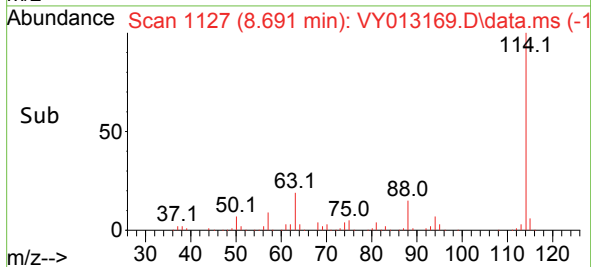
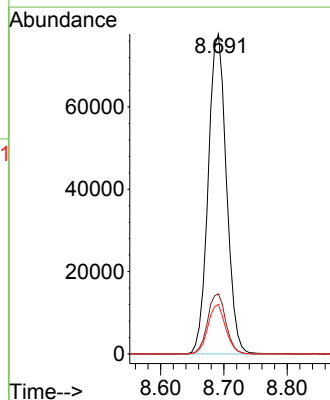
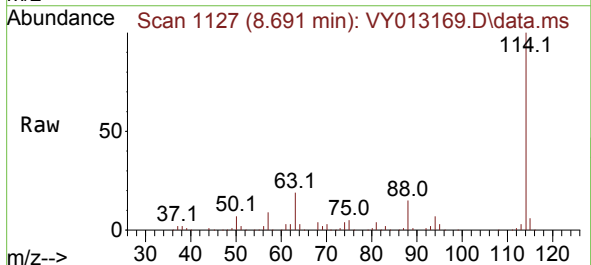
Tgt Ion: 114 Resp: 155432

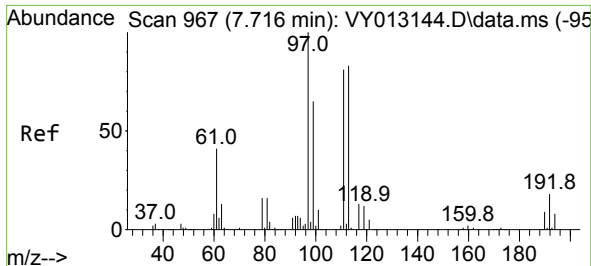
Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.4

88 15.5 0.0 28.6

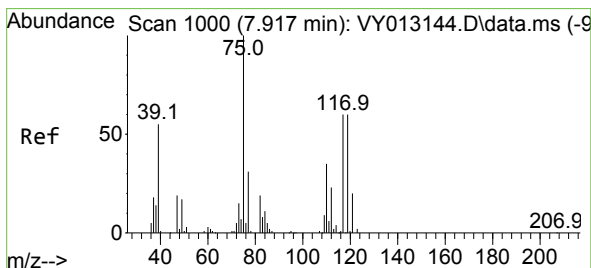
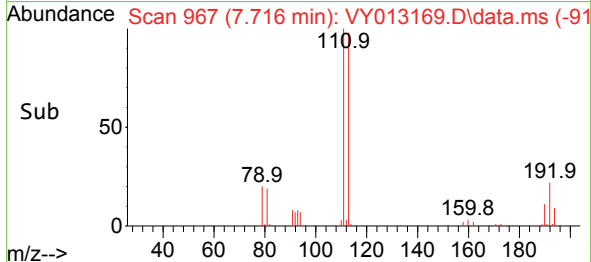
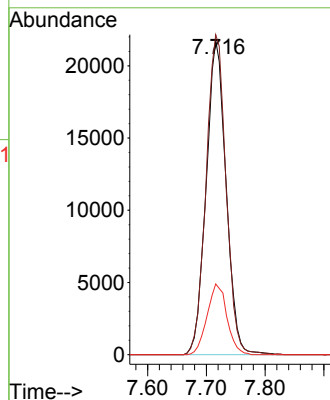
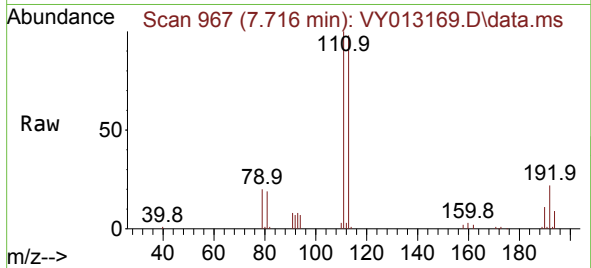




#35
Dibromofluoromethane
Concen: 50.497 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

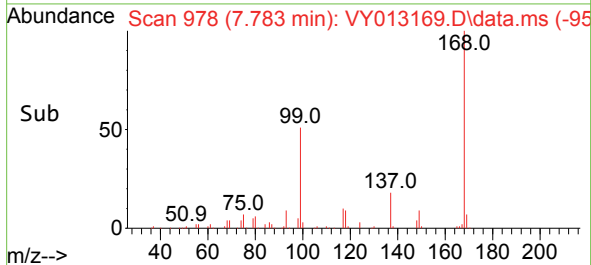
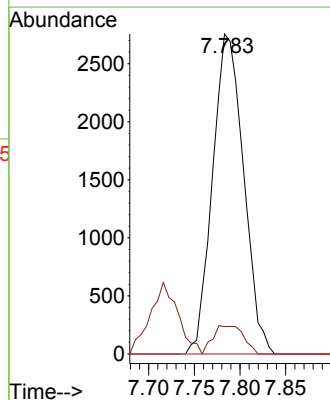
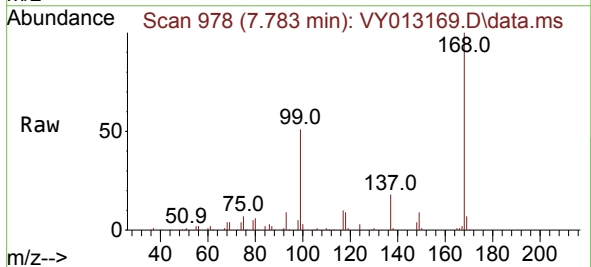
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

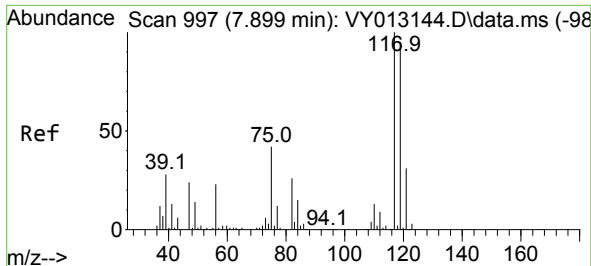
Tgt Ion:113 Resp: 51274
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 22.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.258 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

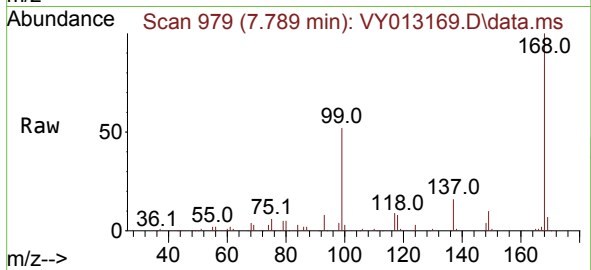
Tgt Ion: 75 Resp: 6509
Ion Ratio Lower Upper
75 100
110 8.6 17.8 53.3#
77 0.0 25.0 37.4#



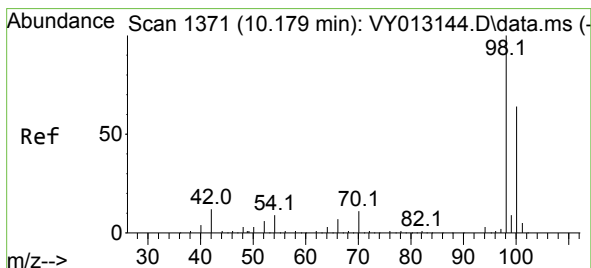
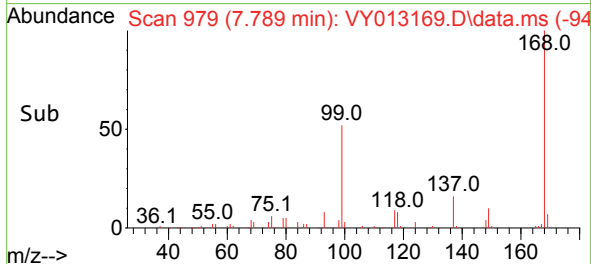
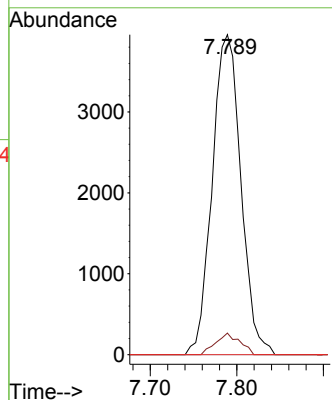


#38
Carbon Tetrachloride
Concen: 5.390 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

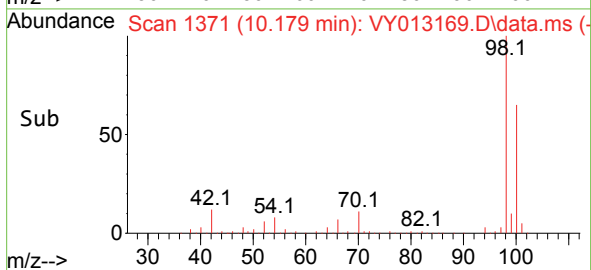
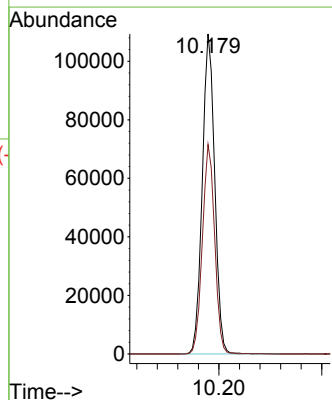
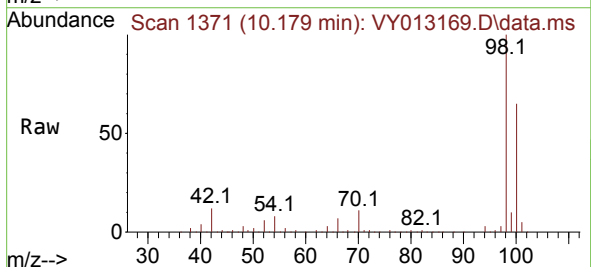


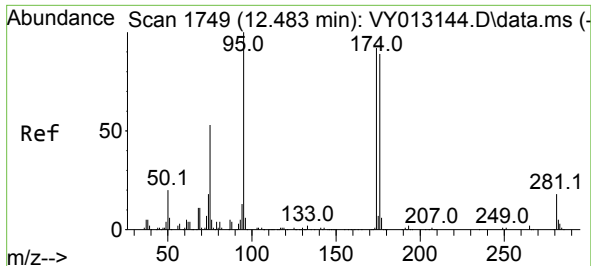
Tgt Ion:117 Resp: 9091
Ion Ratio Lower Upper
117 100
119 6.7 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.682 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Tgt Ion: 98 Resp: 182776
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3

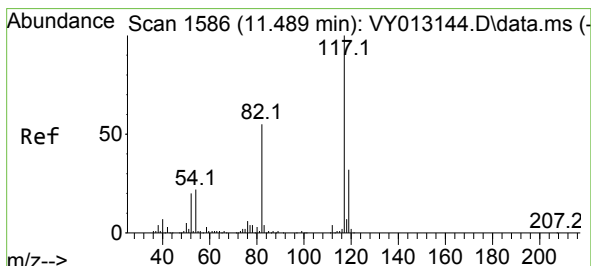
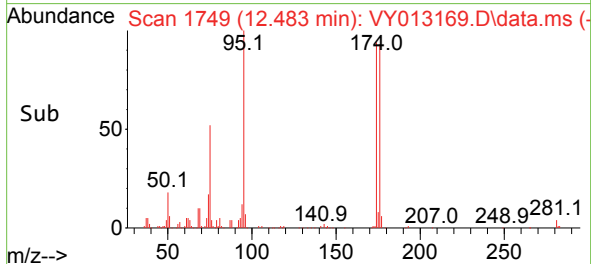
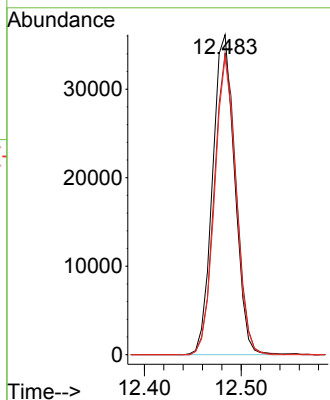
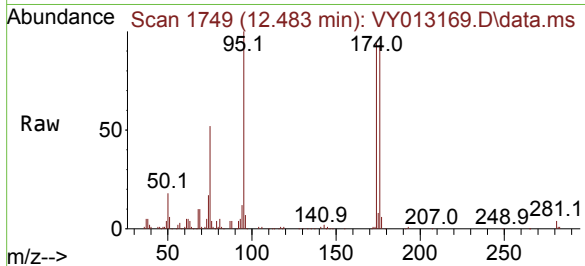




#62
4-Bromofluorobenzene
Concen: 46.080 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

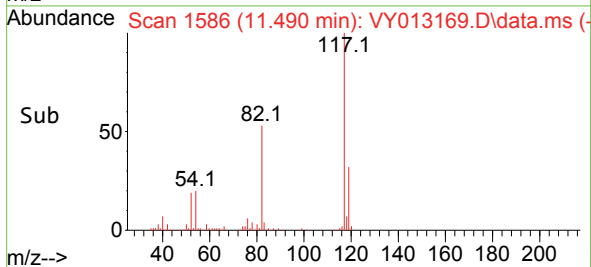
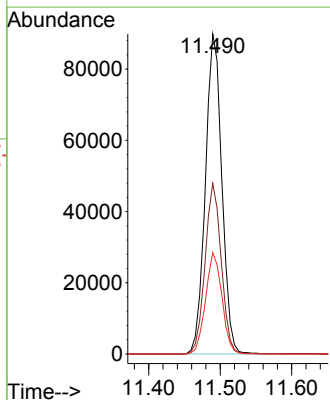
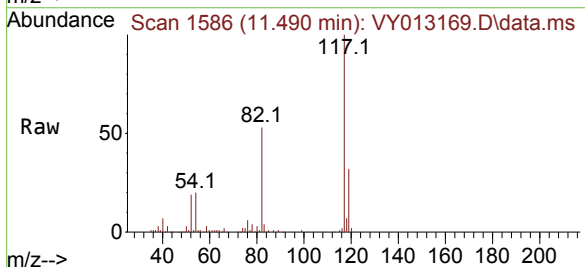
Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

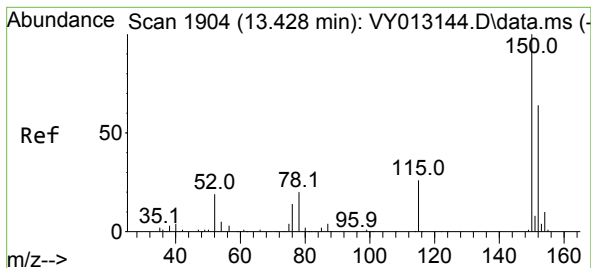
Tgt Ion: 95 Resp: 57495
Ion Ratio Lower Upper
95 100
174 93.8 0.0 176.6
176 89.8 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Tgt Ion: 117 Resp: 143884
Ion Ratio Lower Upper
117 100
82 53.3 45.4 68.0
119 31.7 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: VY013169.D

Acq: 03 Apr 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

SU-03-033023

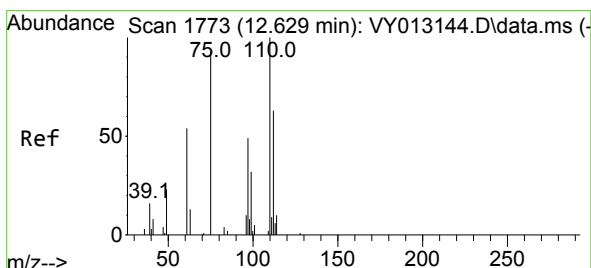
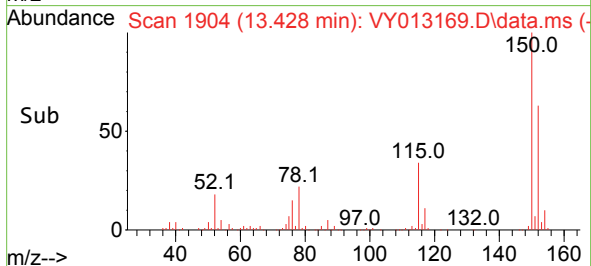
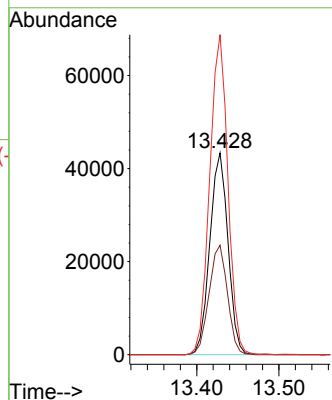
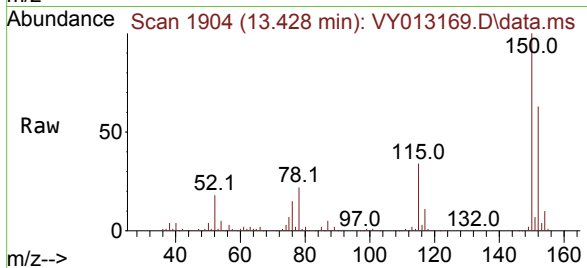
Tgt Ion:152 Resp: 66721

Ion Ratio Lower Upper

152 100

115 55.0 27.1 81.3

150 158.3 0.0 347.8



#76

1,2,3-Trichloropropane

Concen: 39.183 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY013169.D

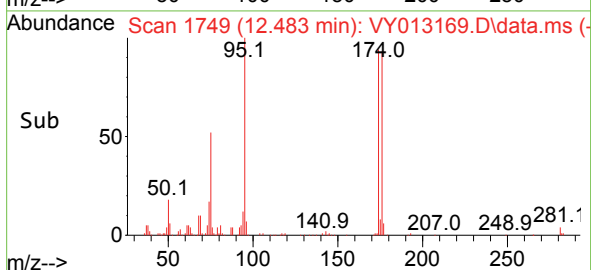
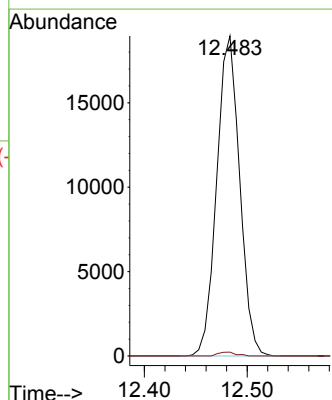
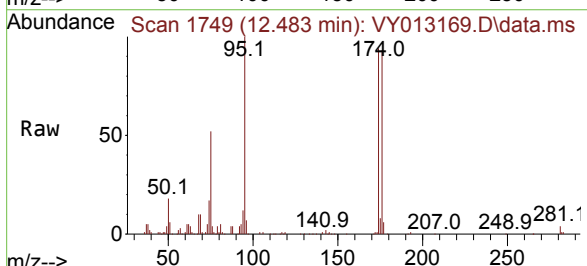
Acq: 03 Apr 2023 12:38

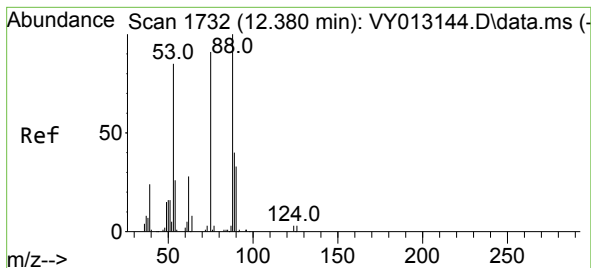
Tgt Ion: 75 Resp: 29369

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#

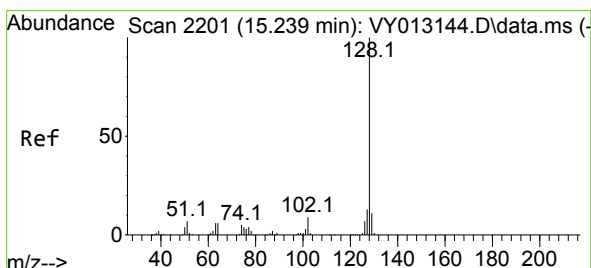
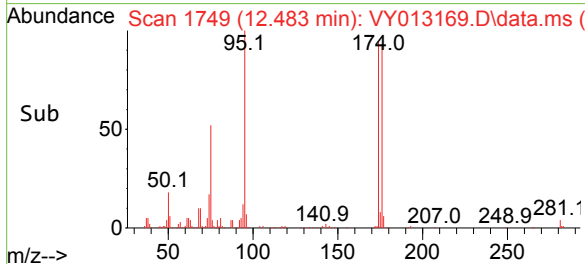
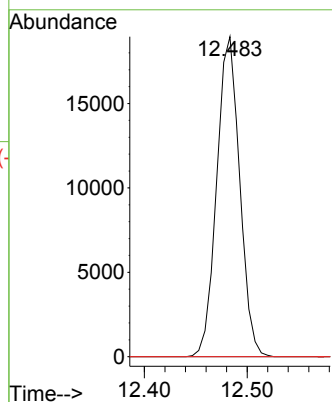
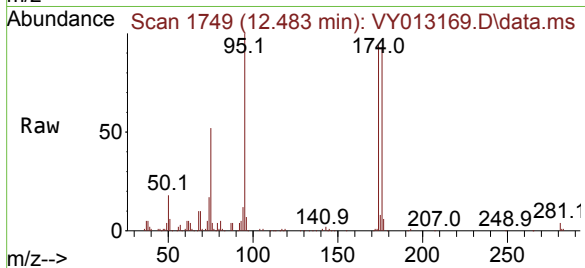




#81
trans-1,4-Dichloro-2-butene
Concen: 87.383 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Instrument :
MSVOA_Y
ClientSampleId :
SU-03-033023

Tgt Ion: 75 Resp: 29369
Ion Ratio Lower Upper
75 100
53 0.0 73.4 110.0#
89 0.0 36.6 55.0#



#95
Naphthalene
Concen: 3.731 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY013169.D
Acq: 03 Apr 2023 12:38

Tgt Ion: 128 Resp: 1334
Ion Ratio Lower Upper
128 100
127 9.1 10.3 15.5#
129 4.2 8.6 13.0#

