

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015577.D
 Acq On : 15 Sep 2023 18:13
 Operator : SY/MD
 Sample : 04446-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 22:59:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

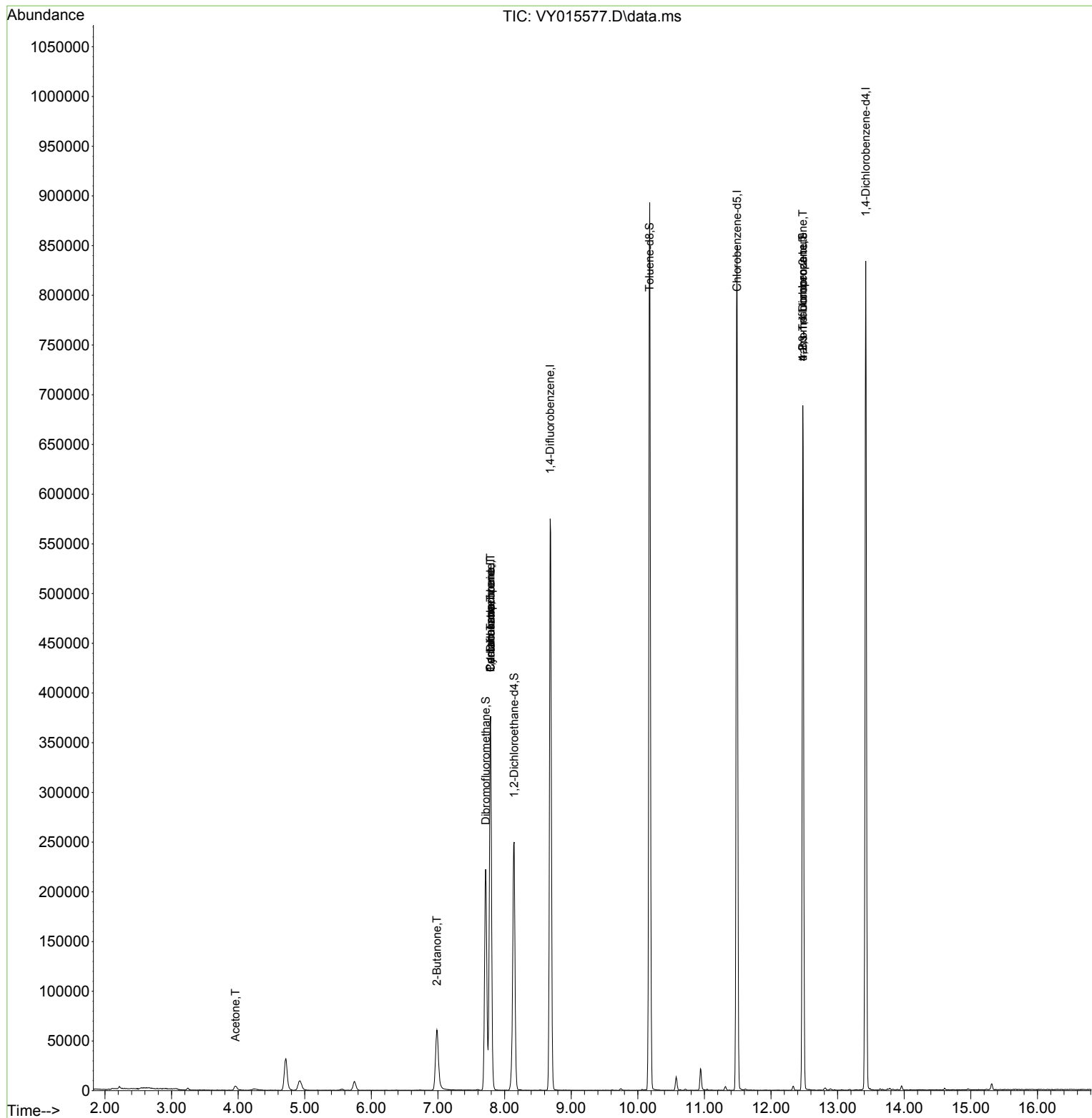
Internal Standards						
1) Pentafluorobenzene	7.789	168	292587	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	497390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	455522	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	212324	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	189582	60.444	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.880%		
35) Dibromofluoromethane	7.716	113	156212	54.527	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 109.060%		
50) Toluene-d8	10.179	98	583775	56.269	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 112.540%		
62) 4-Bromofluorobenzene	12.477	95	202069	52.465	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 104.940%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.930	59	10271	Below Cal	#	89
16) Acetone	3.960	43	8914	6.809	ug/l	96
20) Methylene Chloride	4.716	84	24282	Below Cal		91
25) 2-Butanone	6.984	43	3709	1.998	ug/l #	70
31) Cyclohexane	7.789	56	6483	1.164	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	22716	4.516	ug/l #	50
38) Carbon Tetrachloride	7.789	117	28453	5.477	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	107569	38.204	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	107569	84.274	ug/l #	10

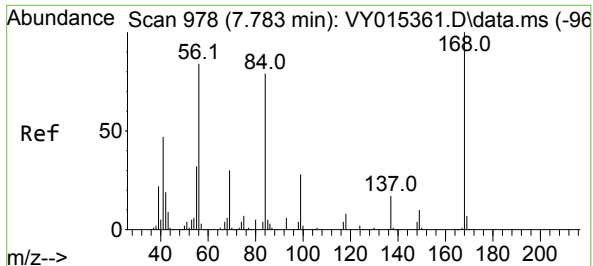
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015577.D
Acq On : 15 Sep 2023 18:13
Operator : SY/MD
Sample : 04446-01
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 15 22:59:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

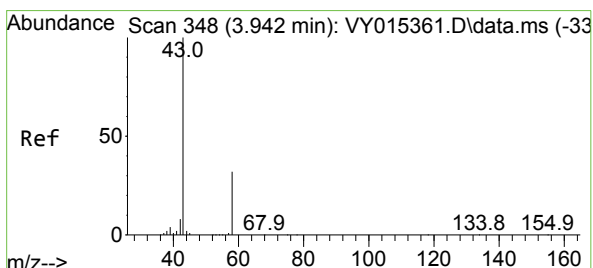
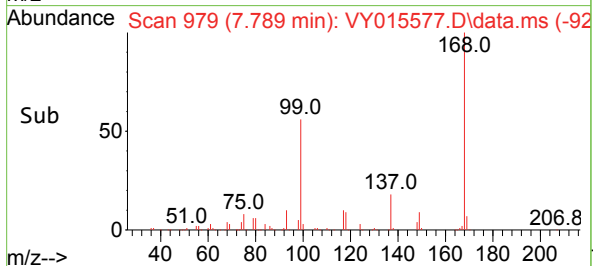
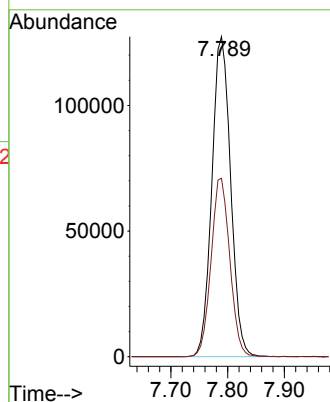
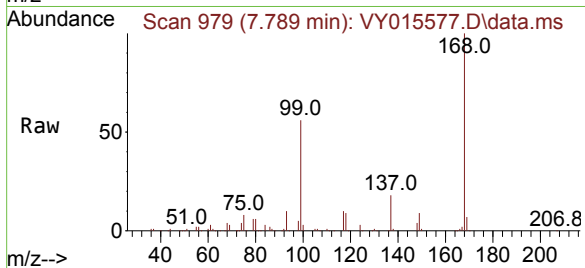




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

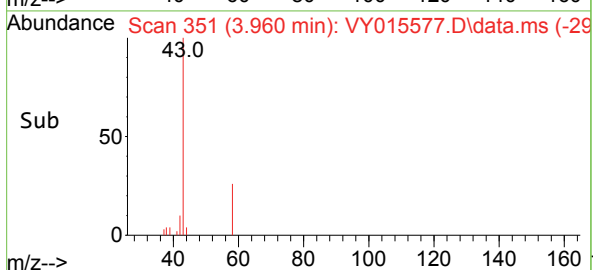
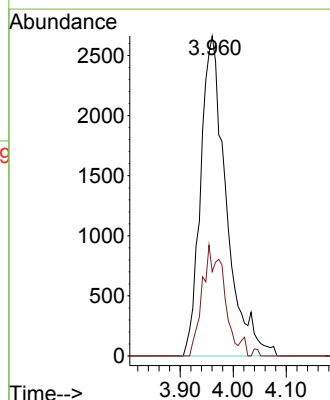
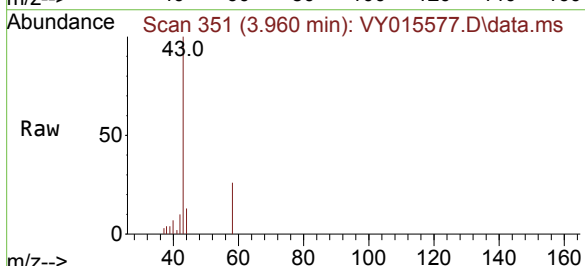
Instrument :
MSVOA_Y
ClientSampleId :

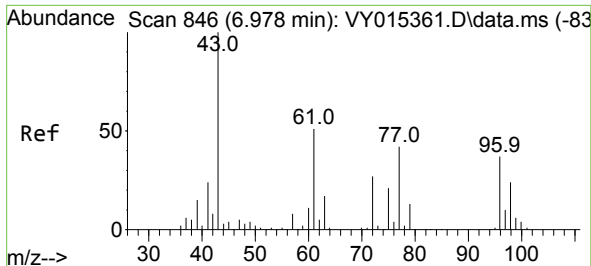
Tgt Ion:168 Resp: 292587
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 6.809 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 43 Resp: 8914
Ion Ratio Lower Upper
43 100
58 26.4 22.7 34.1





#25

2-Butanone

Concen: 1.998 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015577.D

Acq: 15 Sep 2023 18:13

Instrument :

MSVOA_Y

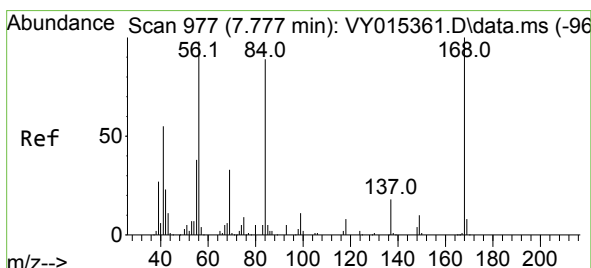
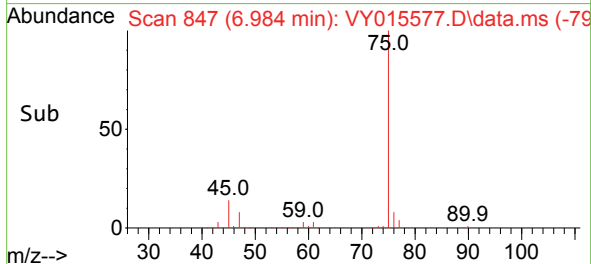
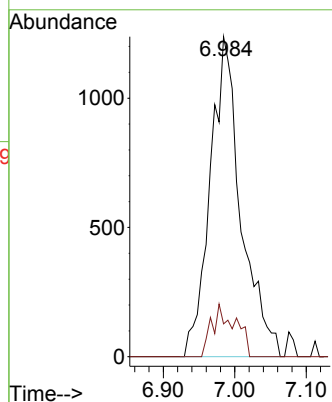
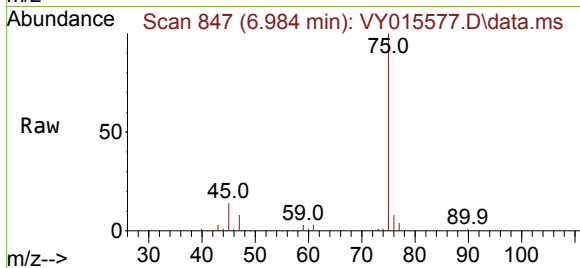
ClientSampleId :

Tgt Ion: 43 Resp: 3709

Ion Ratio Lower Upper

43 100

72 10.3 20.5 30.7#



#31

Cyclohexane

Concen: 1.164 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY015577.D

Acq: 15 Sep 2023 18:13

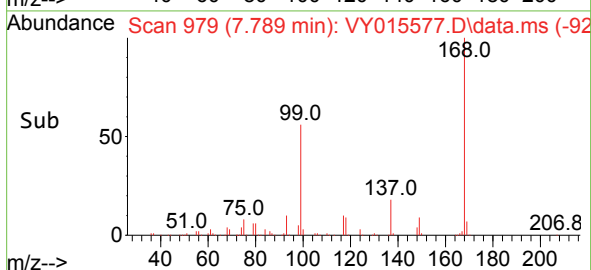
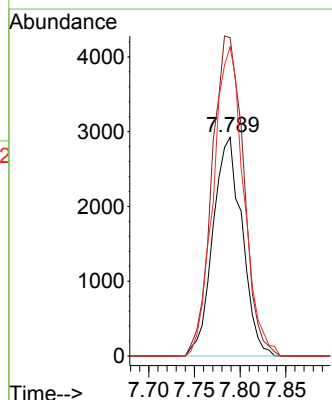
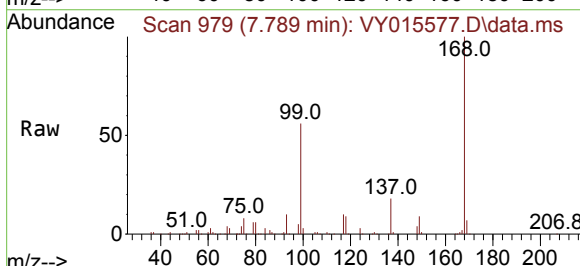
Tgt Ion: 56 Resp: 6483

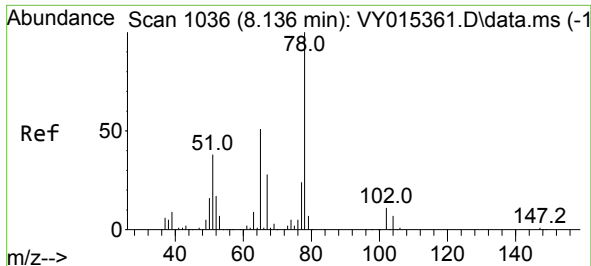
Ion Ratio Lower Upper

56 100

69 145.5 27.8 41.6#

84 141.3 66.4 99.6#

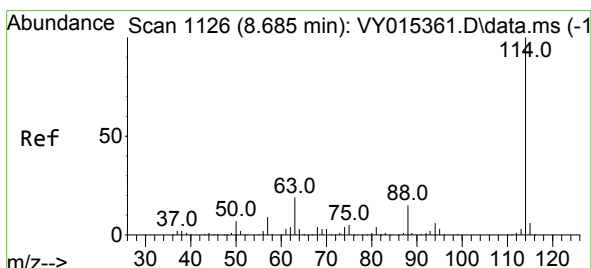
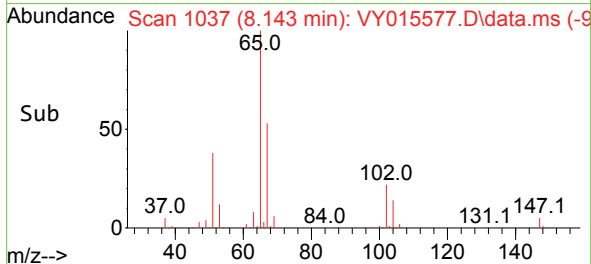
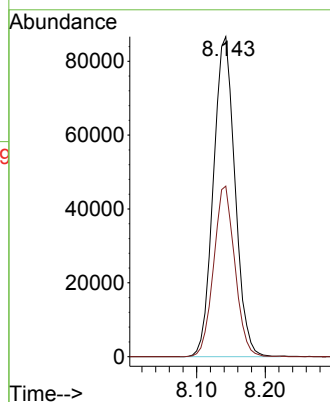
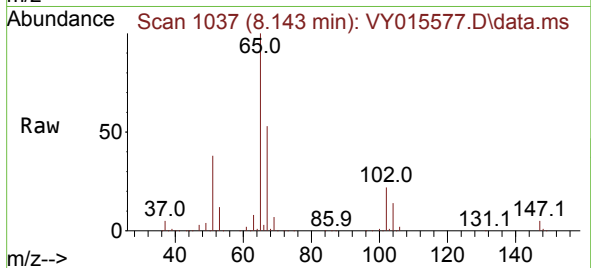




#33
 1,2-Dichloroethane-d4
 Concen: 60.444 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY015577.D
 Acq: 15 Sep 2023 18:13

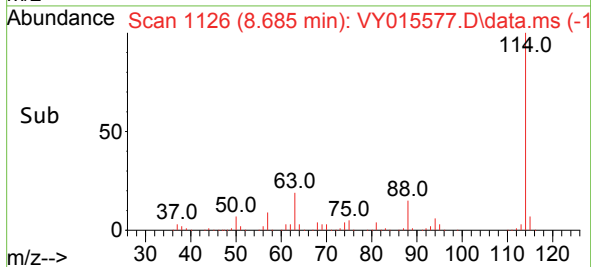
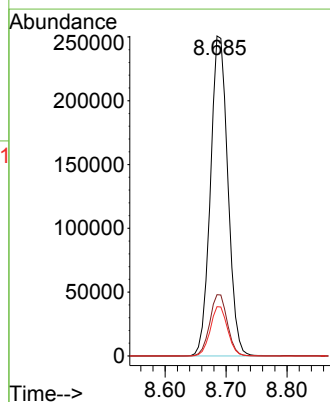
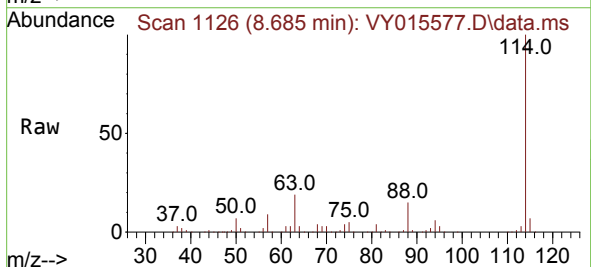
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 189582
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015577.D
 Acq: 15 Sep 2023 18:13

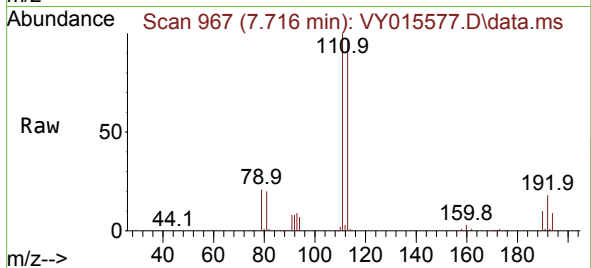
Tgt Ion:114 Resp: 497390
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.4 0.0 30.6



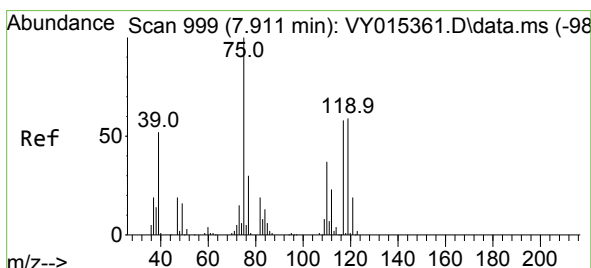
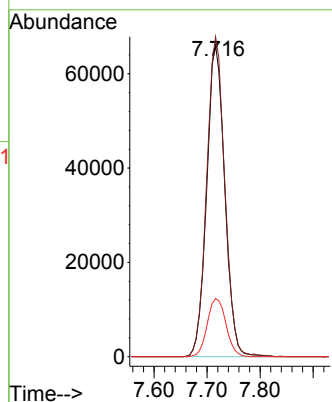
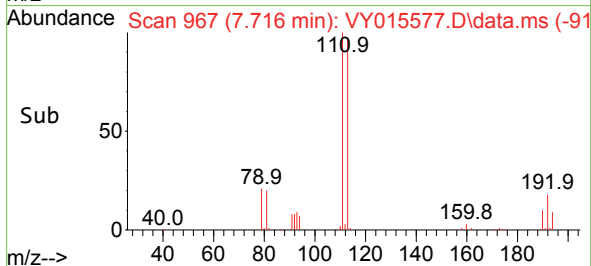


#35
Dibromofluoromethane
Concen: 54.527 ug/l
RT: 7.716 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

Instrument :
MSVOA_Y
ClientSampleId :

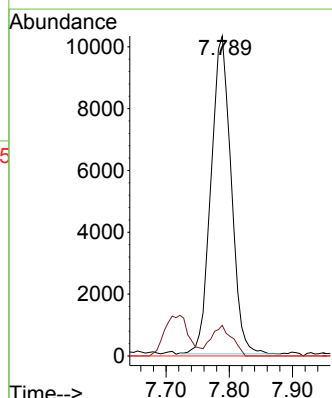
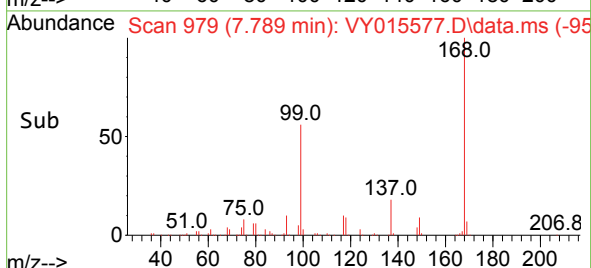
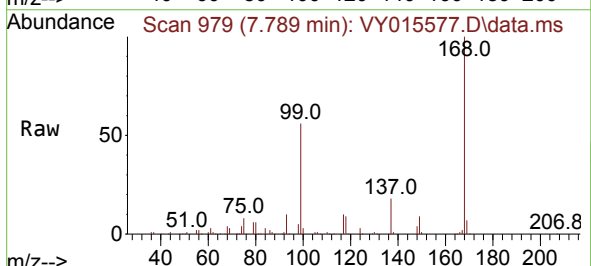


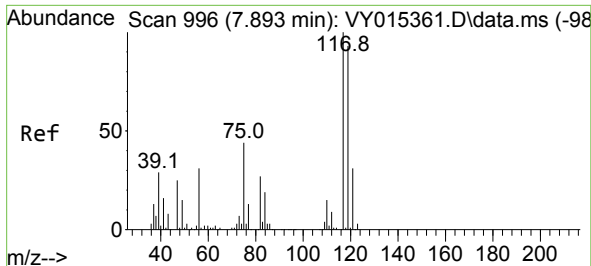
Tgt Ion:113 Resp: 156212
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.516 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

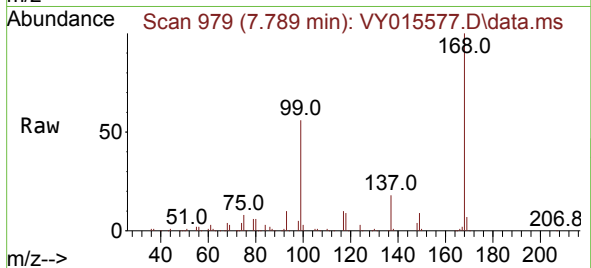
Tgt Ion: 75 Resp: 22716
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



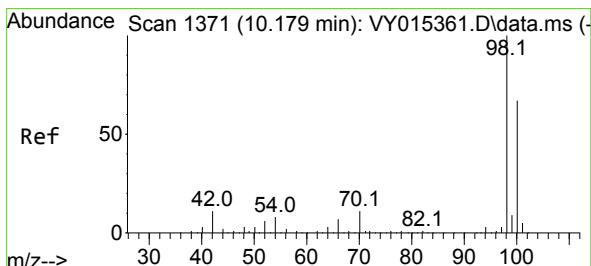
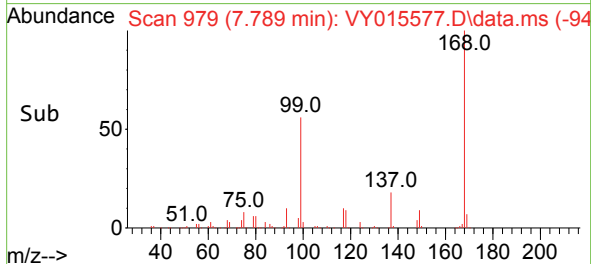
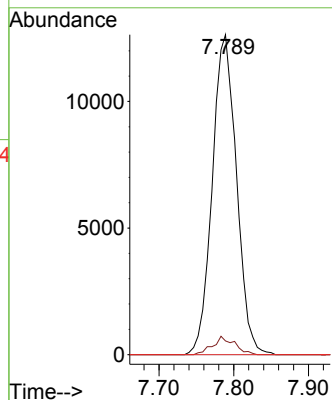


#38
Carbon Tetrachloride
Concen: 5.477 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

Instrument :
MSVOA_Y
ClientSampleId :

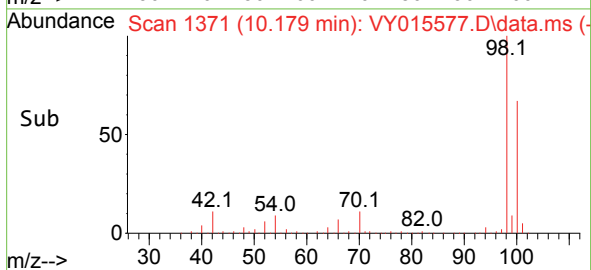
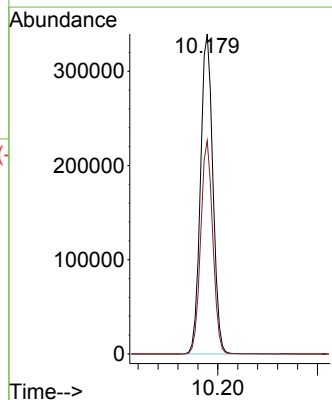
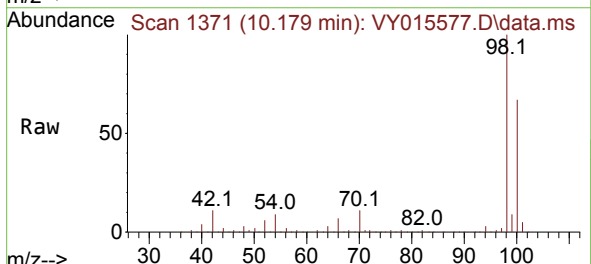


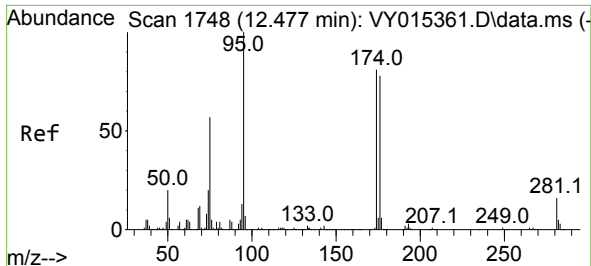
Tgt Ion:117 Resp: 28453
Ion Ratio Lower Upper
117 100
119 4.3 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 56.269 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 98 Resp: 583775
Ion Ratio Lower Upper
98 100
100 65.2 50.1 75.1

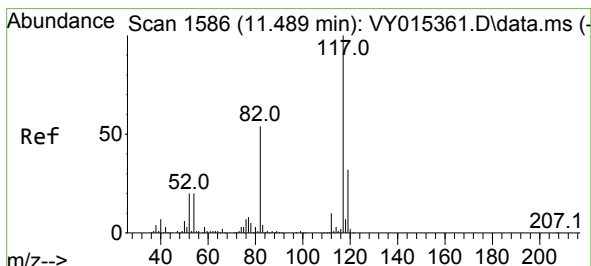
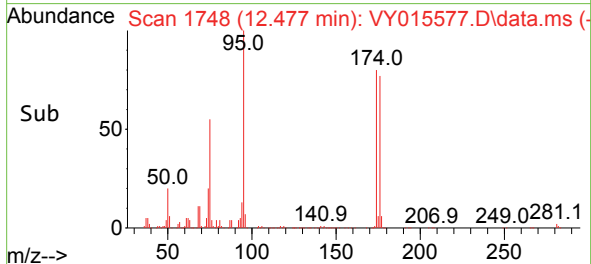
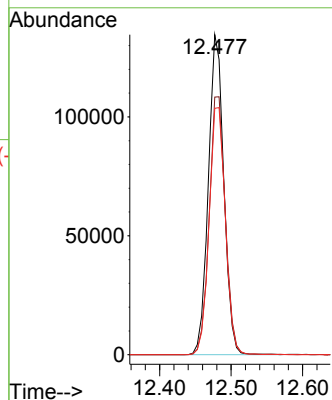
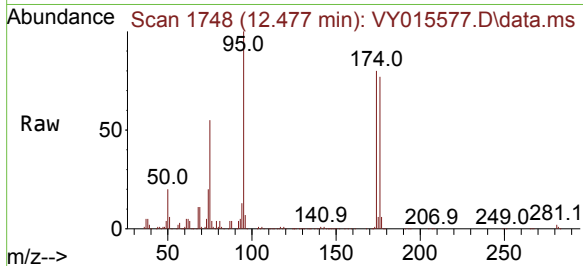




#62
4-Bromofluorobenzene
Concen: 52.465 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

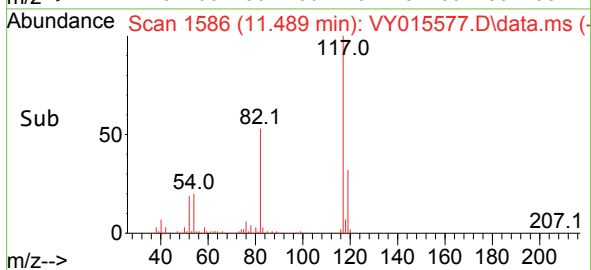
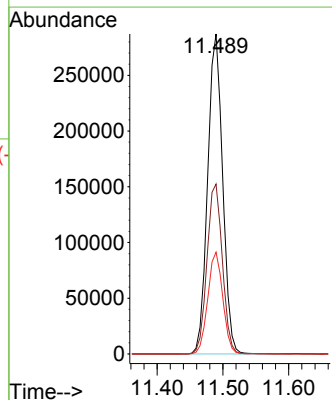
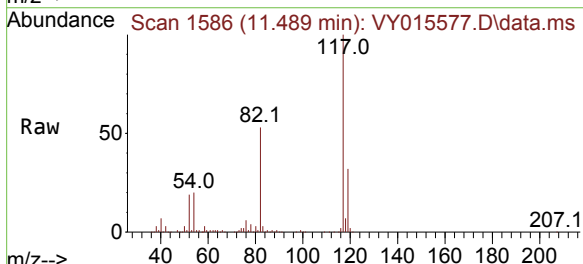
Instrument :
MSVOA_Y
ClientSampleId :

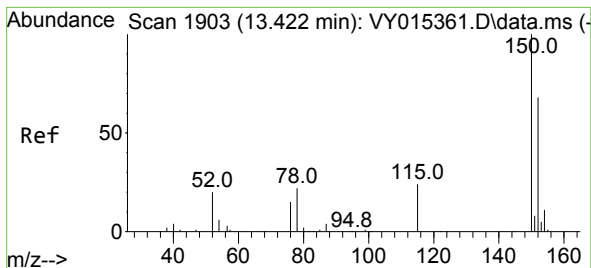
Tgt Ion: 95 Resp: 202069
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 81.2 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015577.D
Acq: 15 Sep 2023 18:13

Tgt Ion: 117 Resp: 455522
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 31.8 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY015577.D

Acq: 15 Sep 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

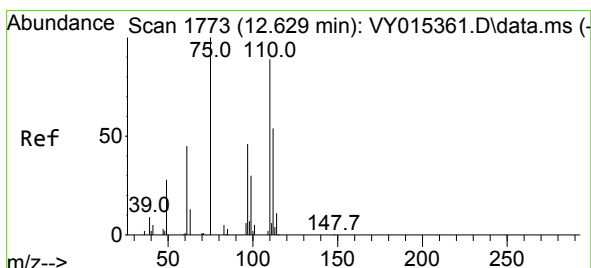
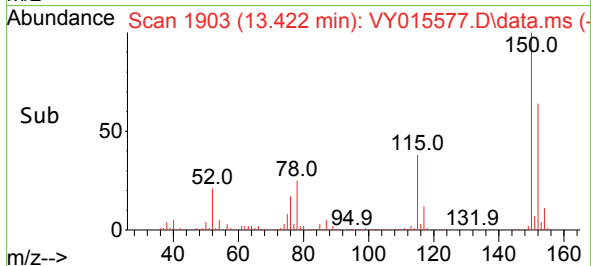
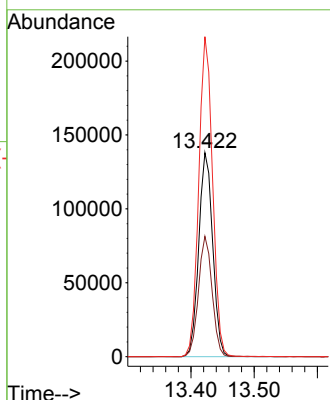
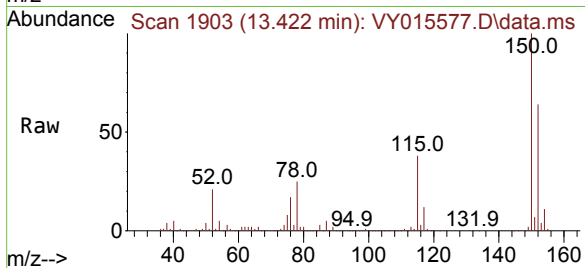
Tgt Ion:152 Resp: 212324

Ion Ratio Lower Upper

152 100

115 57.7 28.8 86.5

150 155.5 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.204 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015577.D

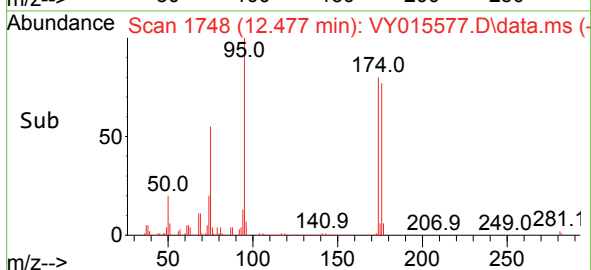
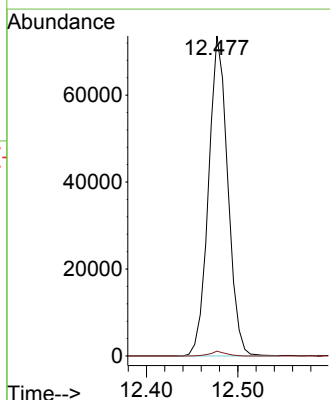
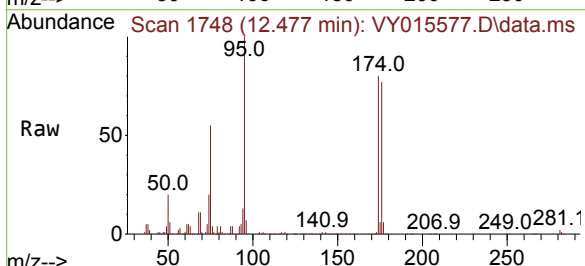
Acq: 15 Sep 2023 18:13

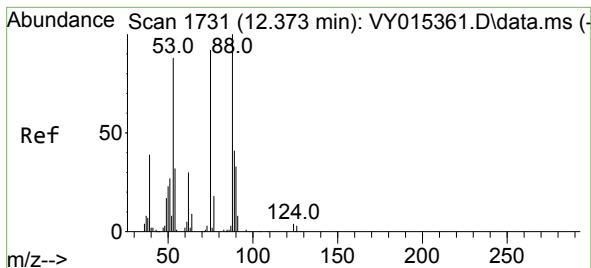
Tgt Ion: 75 Resp: 107569

Ion Ratio Lower Upper

75 100

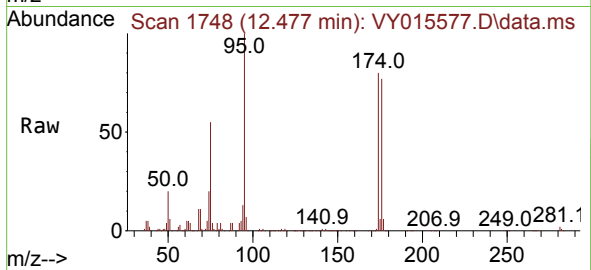
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.274 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015577.D
 Acq: 15 Sep 2023 18:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 107569
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

