

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015477.D
 Acq On : 07 Sep 2023 19:22
 Operator : SY/MD
 Sample : 04335-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:12:33 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)

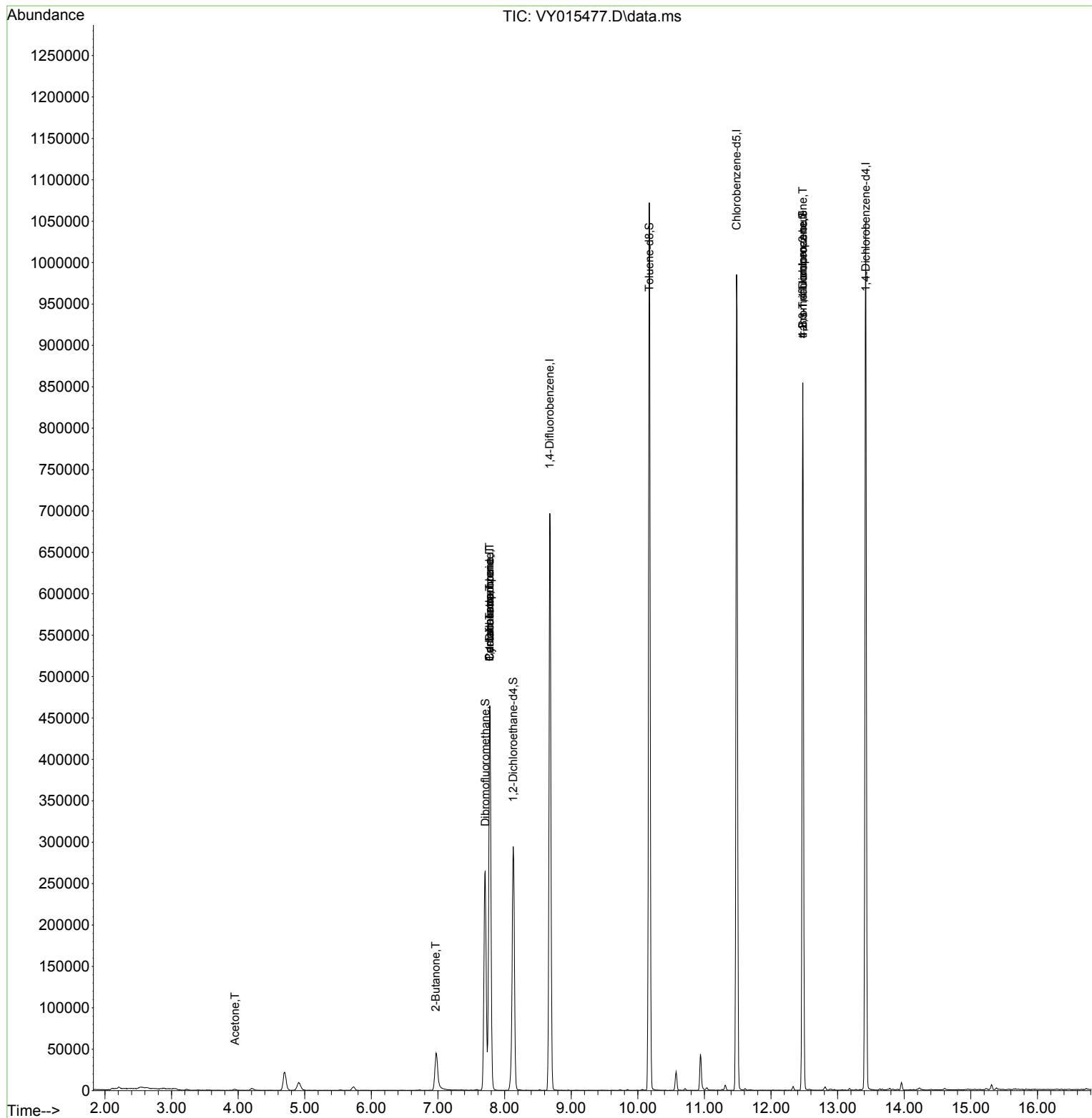
Internal Standards						
1) Pentafluorobenzene	7.777	168	360924	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	592833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	542427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	265275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	230751	59.640	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.280%	
35) Dibromofluoromethane	7.710	113	186189	54.527	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.060%	
50) Toluene-d8	10.173	98	687801	55.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.240%	
62) 4-Bromofluorobenzene	12.477	95	246402	53.676	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 107.360%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.905	59	9889	Below Cal	#	89
16) Acetone	3.954	43	2208	1.367	ug/l	94
20) Methylene Chloride	4.698	84	16679	Below Cal	#	91
25) 2-Butanone	6.966	43	2450	1.070	ug/l	# 74
31) Cyclohexane	7.777	56	7252	1.055	ug/l	# 4
36) 1,1-Dichloropropene	7.777	75	27564	4.597	ug/l	# 50
38) Carbon Tetrachloride	7.777	117	35601	5.749	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	134403	38.206	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	134403	84.279	ug/l	# 10

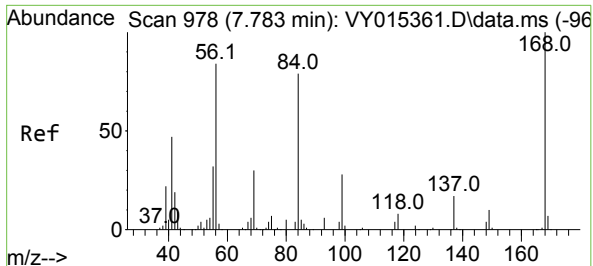
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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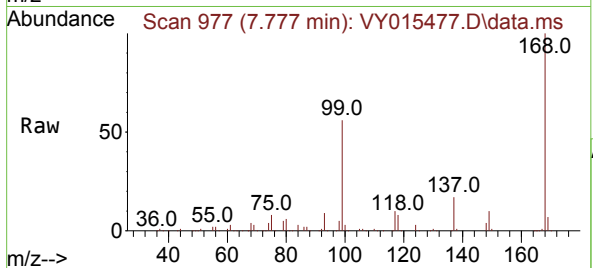
Quant Time: Sep 07 23:12:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
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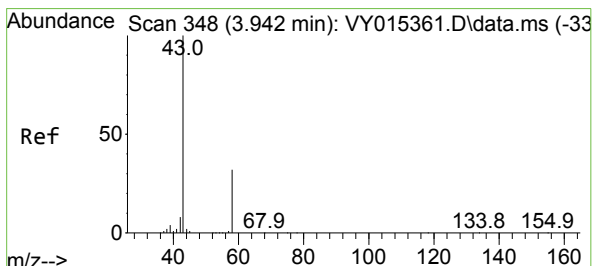
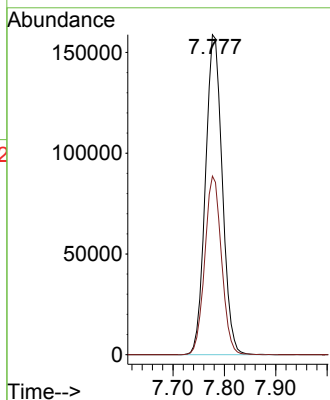
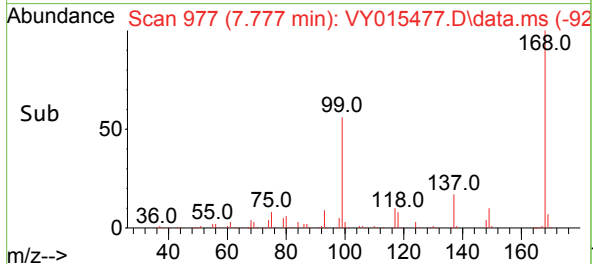


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

Instrument :
MSVOA_Y
ClientSampleId :

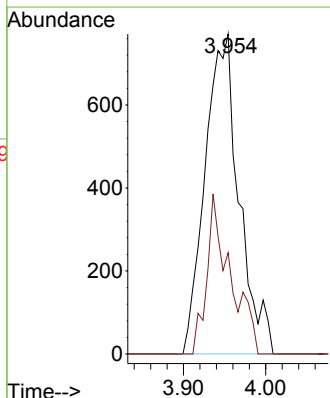
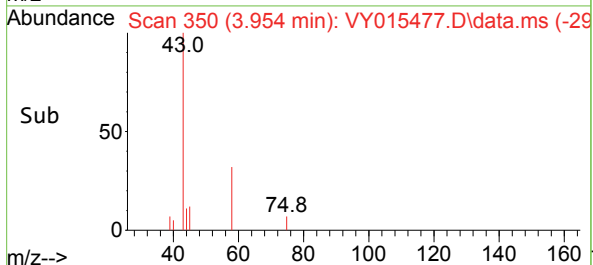
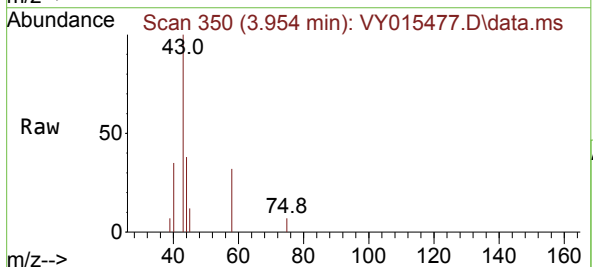


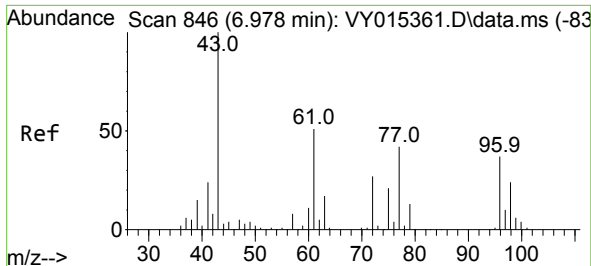
Tgt Ion:168 Resp: 360924
Ion Ratio Lower Upper
168 100
99 55.8 43.4 65.0



#16
Acetone
Concen: 1.367 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

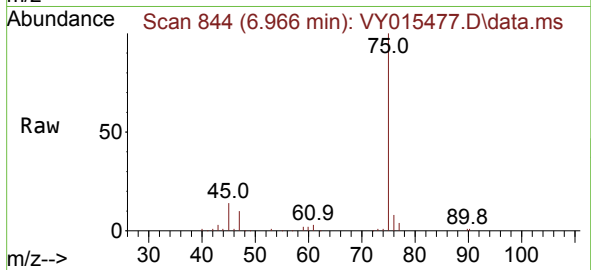
Tgt Ion: 43 Resp: 2208
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1



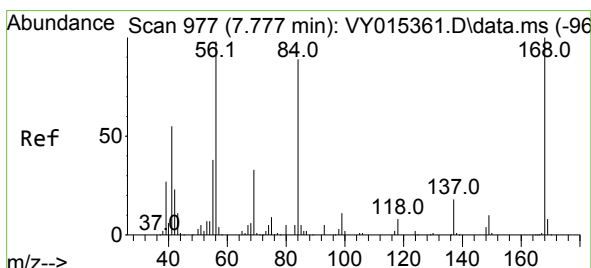
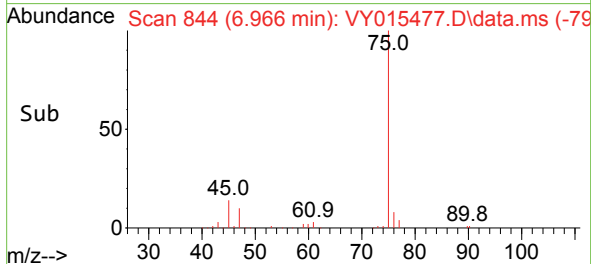
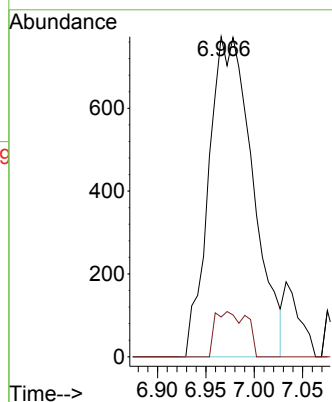


#25
2-Butanone
Concen: 1.070 ug/l
RT: 6.966 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

Instrument :
MSVOA_Y
ClientSampleId :

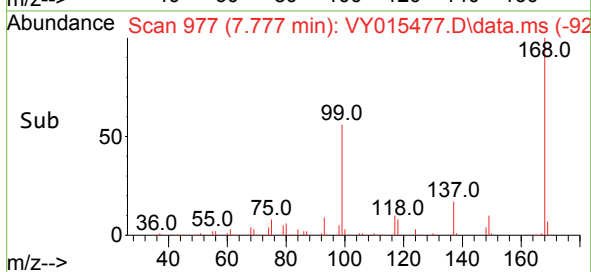
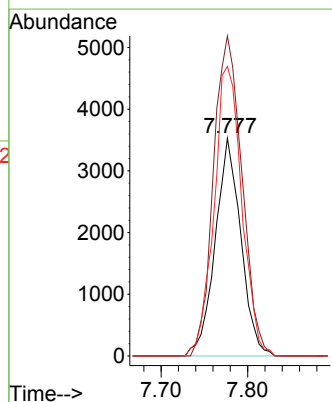
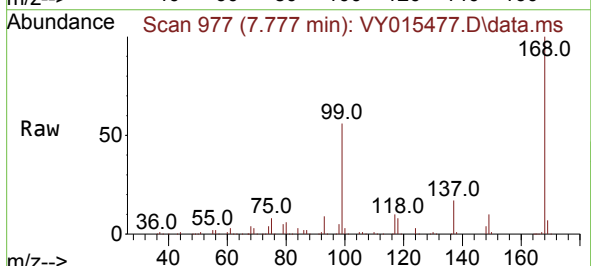


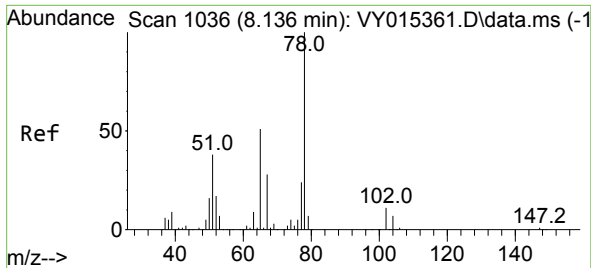
Tgt Ion: 43 Resp: 2450
Ion Ratio Lower Upper
43 100
72 12.4 20.5 30.7#



#31
Cyclohexane
Concen: 1.055 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

Tgt Ion: 56 Resp: 7252
Ion Ratio Lower Upper
56 100
69 146.9 27.8 41.6#
84 133.0 66.4 99.6#

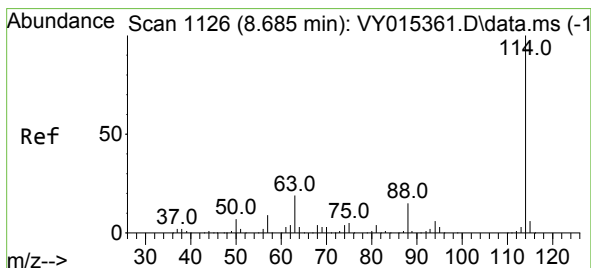
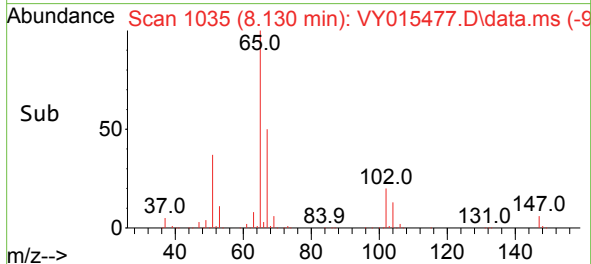
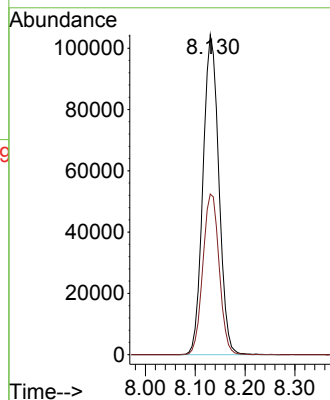
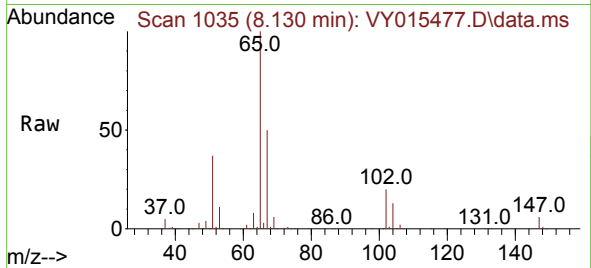




#33
 1,2-Dichloroethane-d4
 Concen: 59.640 ug/l
 RT: 8.130 min Scan# 1036
 Delta R.T. -0.006 min
 Lab File: VY015477.D
 Acq: 07 Sep 2023 19:22

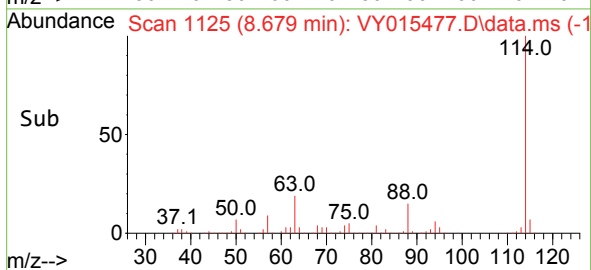
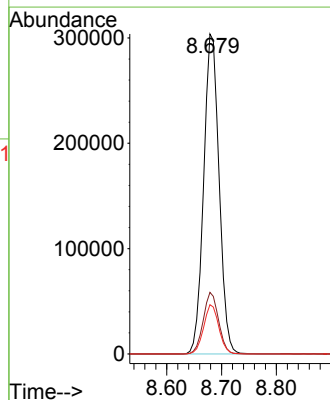
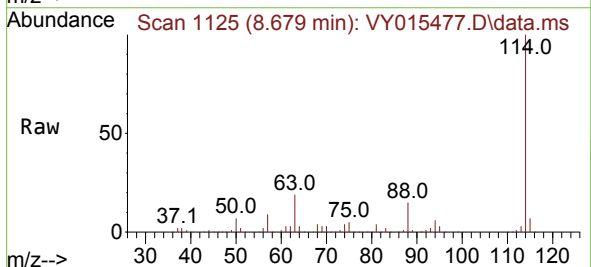
Instrument :
 MSVOA_Y
 ClientSampleId :

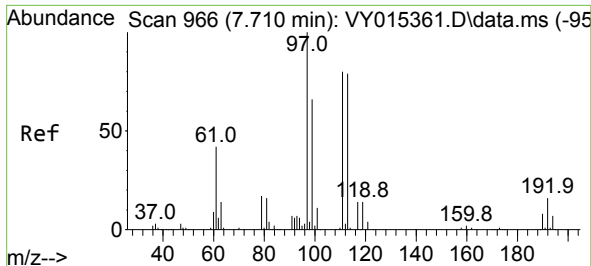
Tgt Ion: 65 Resp: 230751
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.679 min Scan# 1125
 Delta R.T. -0.006 min
 Lab File: VY015477.D
 Acq: 07 Sep 2023 19:22

Tgt Ion: 114 Resp: 592833
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 15.4 0.0 30.6

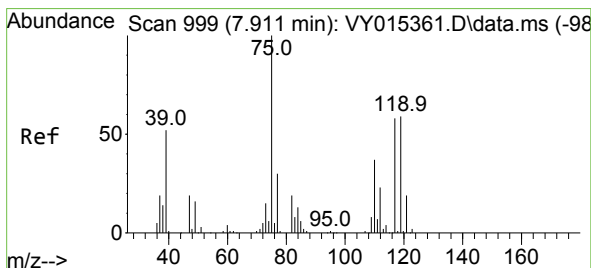
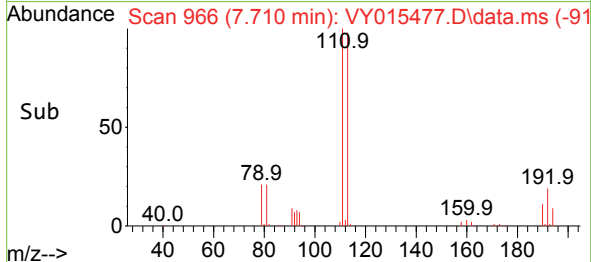
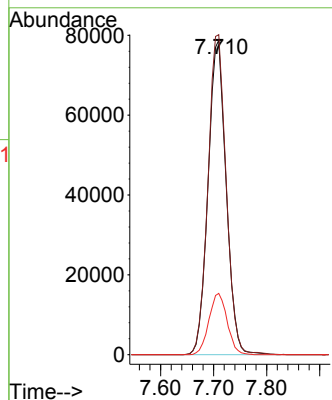
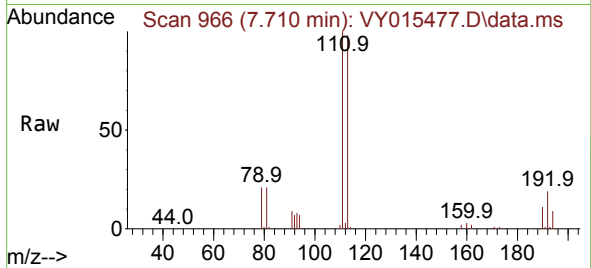




#35
Dibromofluoromethane
Concen: 54.527 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

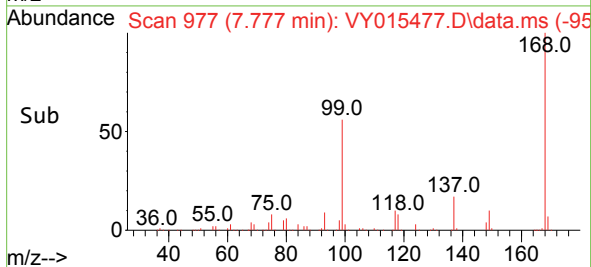
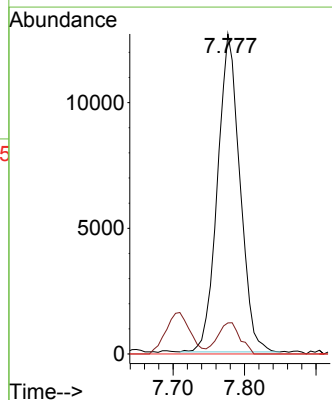
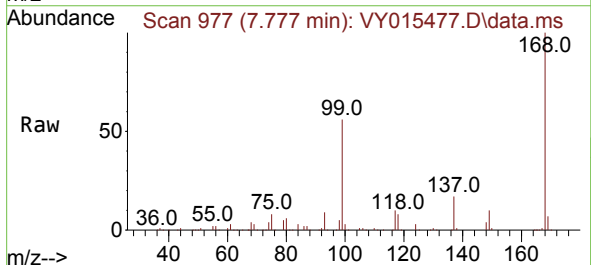
Instrument :
MSVOA_Y
ClientSampleId :

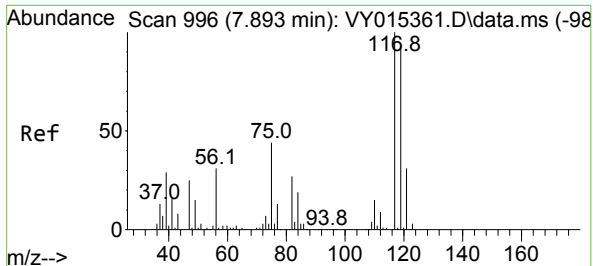
Tgt Ion:113 Resp: 186189
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

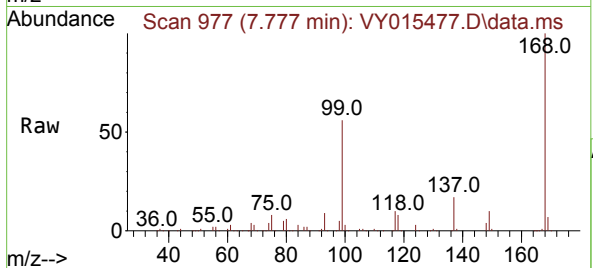
Tgt Ion: 75 Resp: 27564
Ion Ratio Lower Upper
75 100
110 9.8 17.8 53.5#
77 0.0 24.4 36.6#



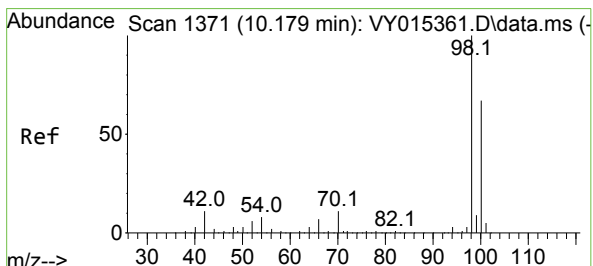
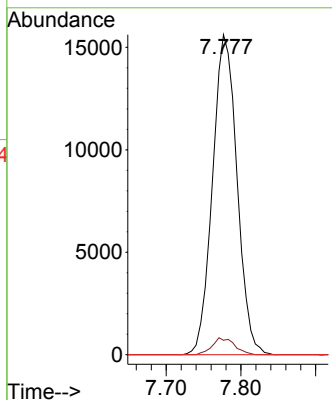
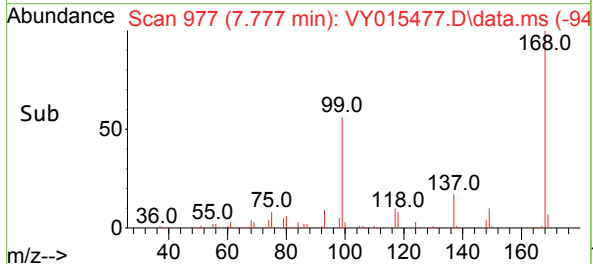


#38
Carbon Tetrachloride
Concen: 5.749 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

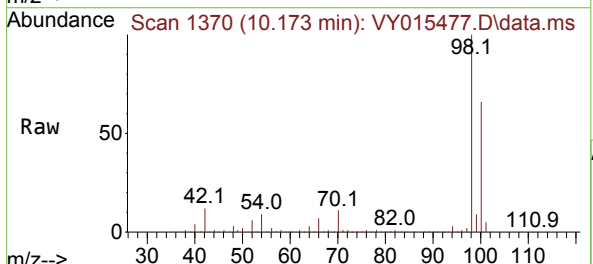
Instrument :
MSVOA_Y
ClientSampleId :



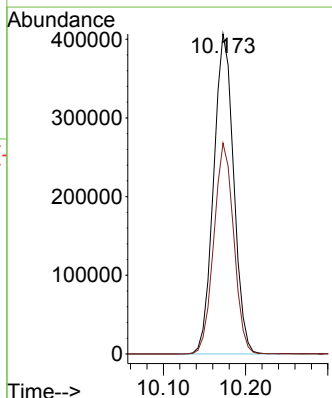
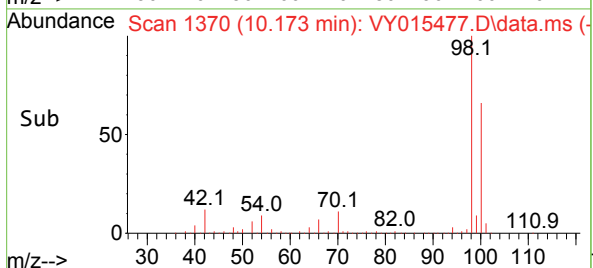
Tgt Ion:117 Resp: 35601
Ion Ratio Lower Upper
117 100
119 4.5 76.4 114.6#
121 0.0 25.8 38.6#

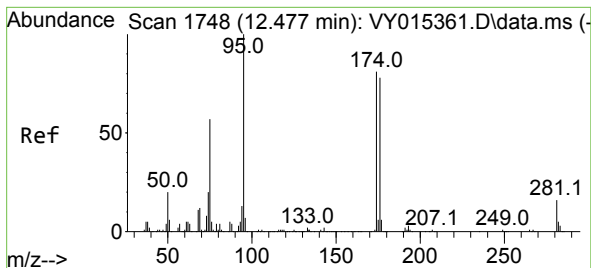


#50
Toluene-d8
Concen: 55.623 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22



Tgt Ion: 98 Resp: 687801
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1

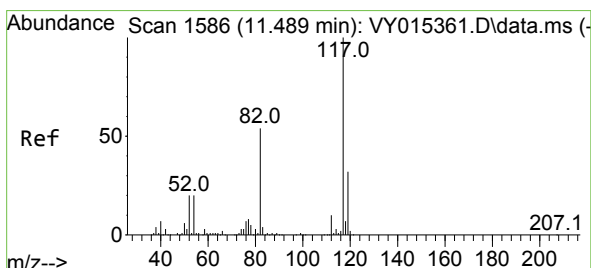
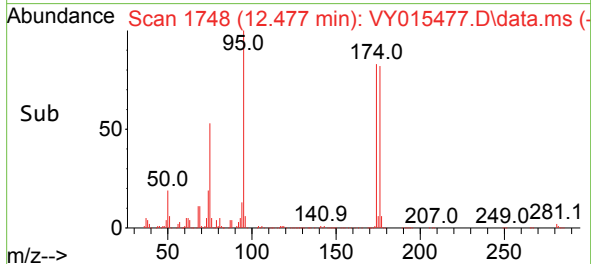
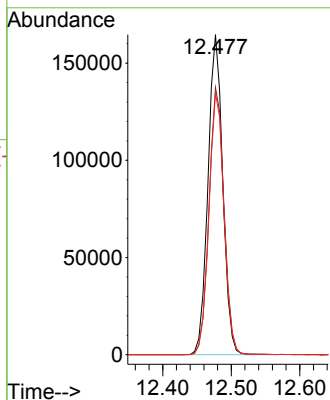
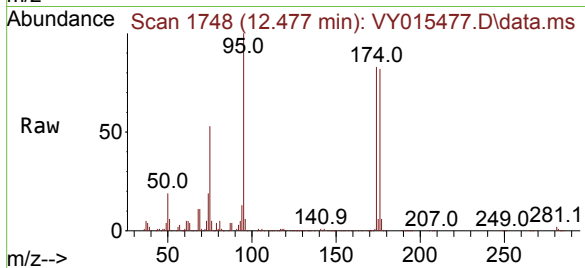




#62
4-Bromofluorobenzene
Concen: 53.676 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

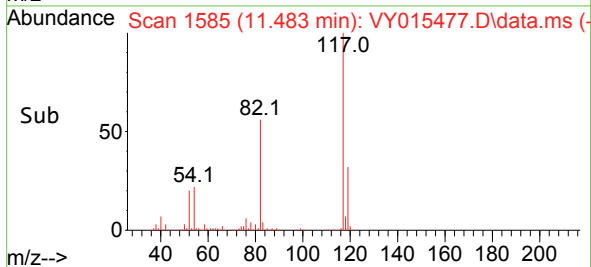
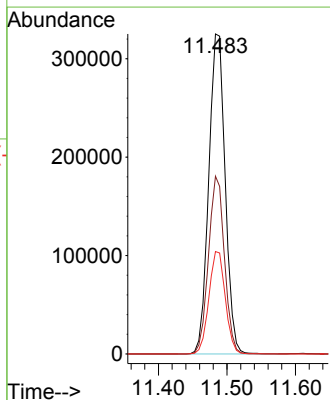
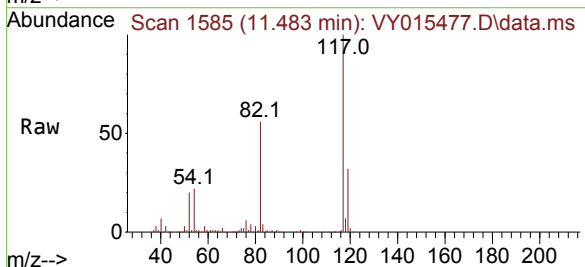
Instrument :
MSVOA_Y
ClientSampleId :

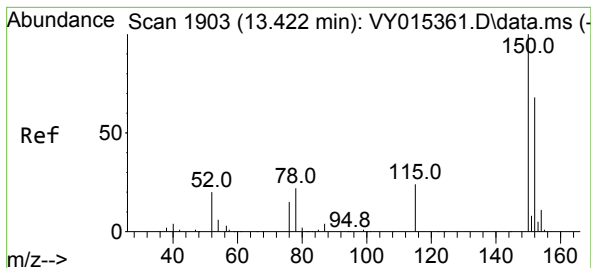
Tgt Ion: 95 Resp: 246402
Ion Ratio Lower Upper
95 100
174 85.2 0.0 178.2
176 83.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015477.D
Acq: 07 Sep 2023 19:22

Tgt Ion: 117 Resp: 542427
Ion Ratio Lower Upper
117 100
82 55.5 43.4 65.0
119 32.0 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: VY015477.D

Acq: 07 Sep 2023 19:22

Instrument :

MSVOA_Y

ClientSampleId :

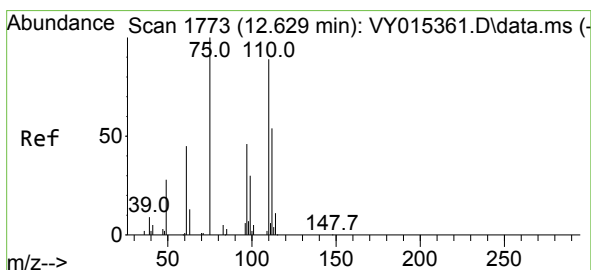
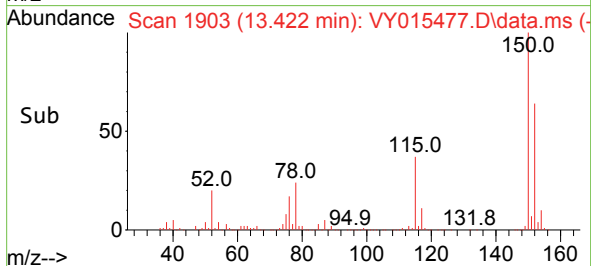
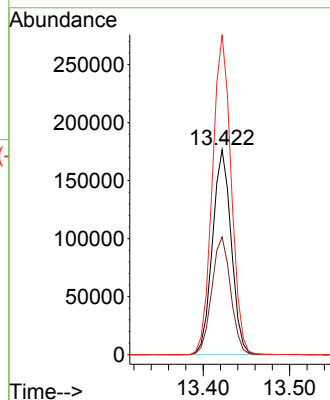
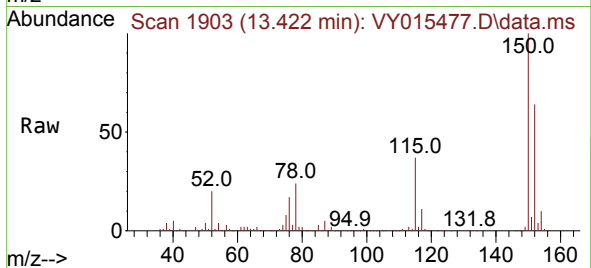
Tgt Ion:152 Resp: 265275

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 156.6 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 38.206 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY015477.D

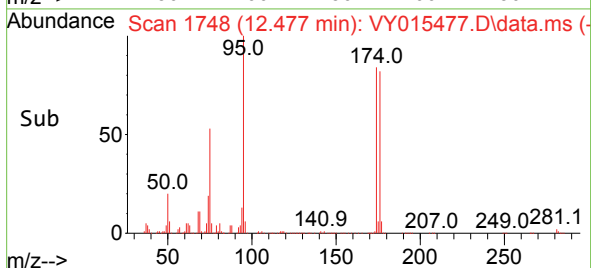
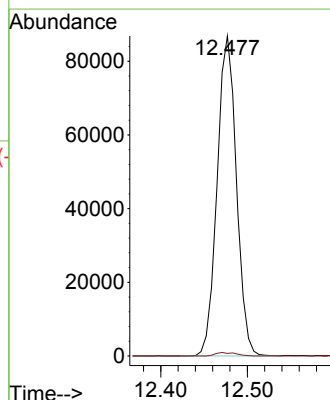
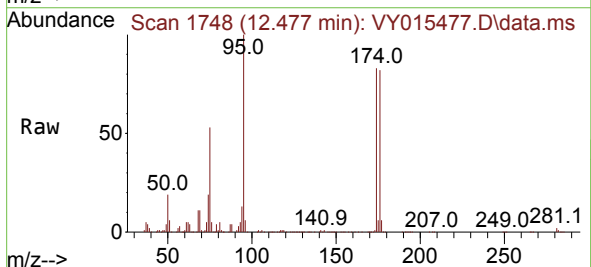
Acq: 07 Sep 2023 19:22

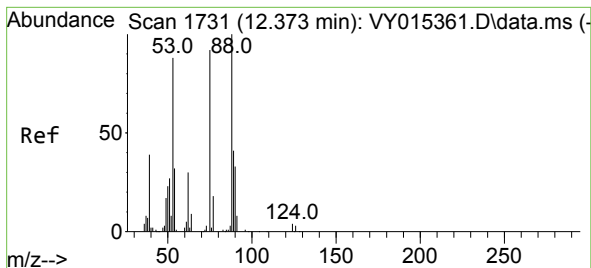
Tgt Ion: 75 Resp: 134403

Ion Ratio Lower Upper

75 100

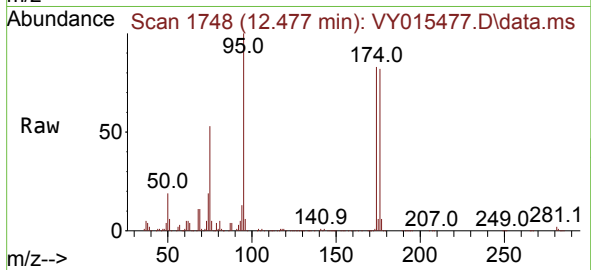
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.279 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY015477.D
 Acq: 07 Sep 2023 19:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 134403
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

