

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015476.D
 Acq On : 07 Sep 2023 18:57
 Operator : SY/MD
 Sample : 04334-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

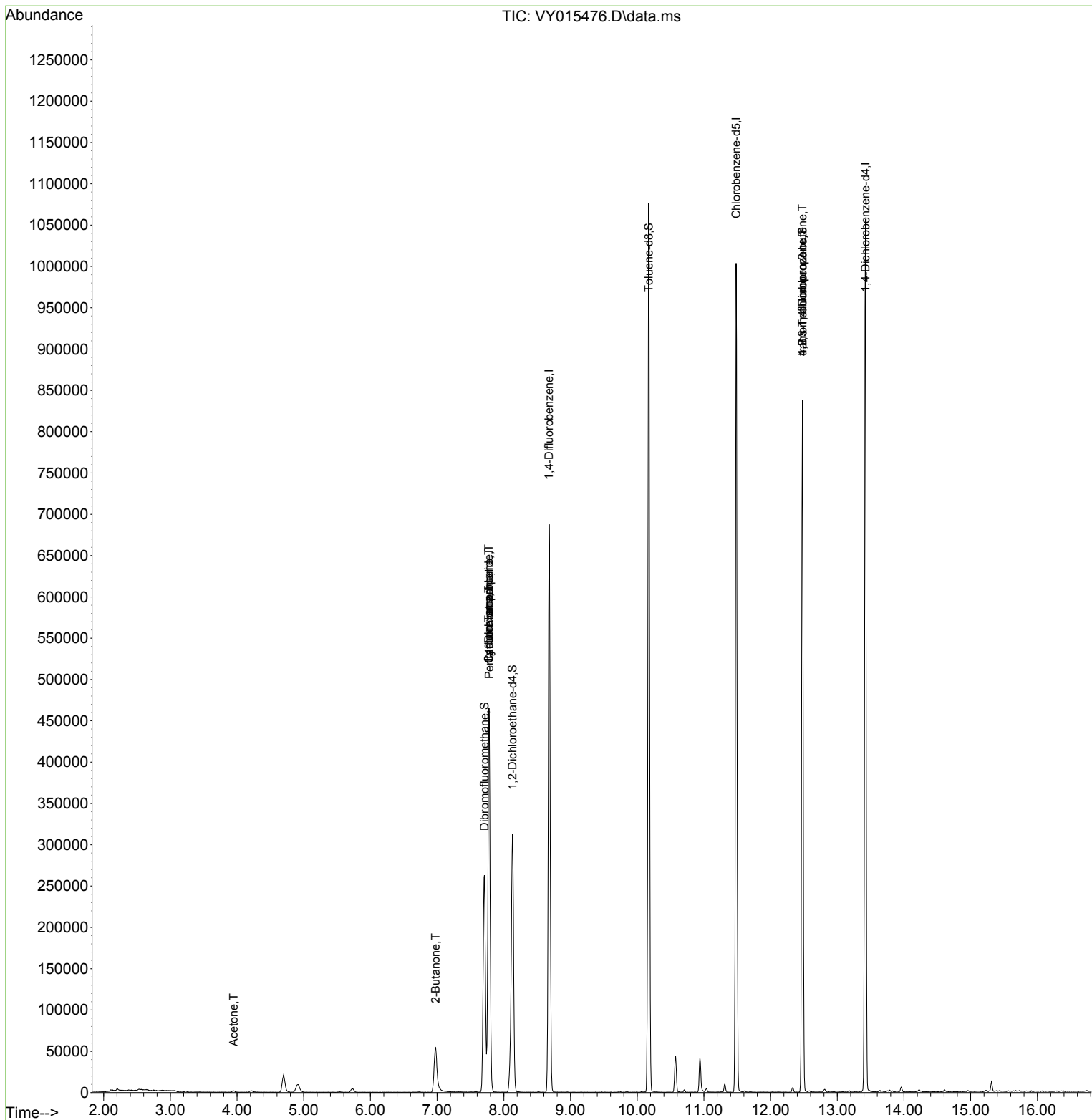
Quant Time: Sep 07 23:12:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

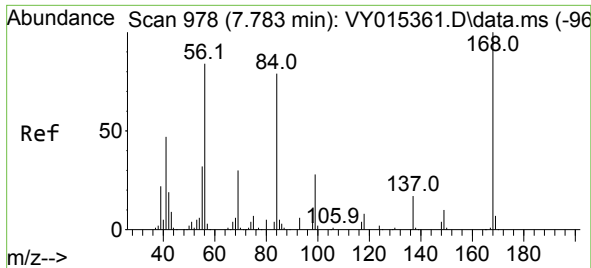
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	356279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	589516	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	531199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	264240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	228823	59.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.820%	
35) Dibromofluoromethane	7.710	113	184720	54.402	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.800%	
50) Toluene-d8	10.173	98	682981	55.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.080%	
62) 4-Bromofluorobenzene	12.477	95	243509	53.344	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.680%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.911	59	10563	Below Cal	#	89
16) Acetone	3.948	43	3472	2.178	ug/l	89
20) Methylene Chloride	4.698	84	14929	Below Cal		91
25) 2-Butanone	6.978	43	3114	1.377	ug/l	# 81
31) Cyclohexane	7.777	56	7412	1.093	ug/l	# 1
36) 1,1-Dichloropropene	7.777	75	26602	4.462	ug/l	# 50
38) Carbon Tetrachloride	7.777	117	35645	5.789	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	131540	37.539	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	131540	82.807	ug/l	# 11

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

Quant Time: Sep 07 23:12:14 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

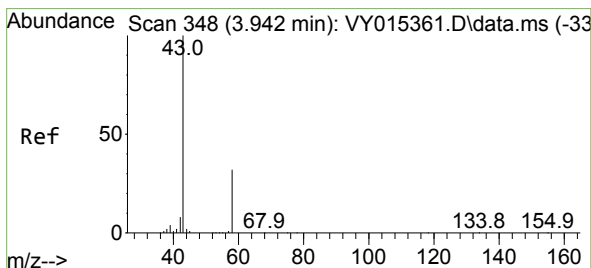
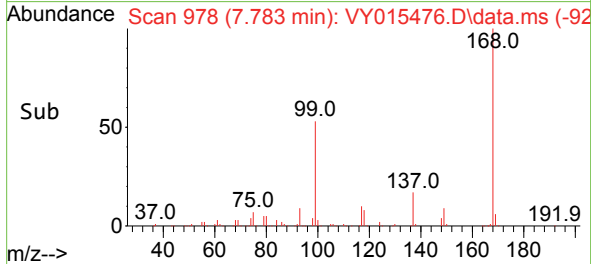
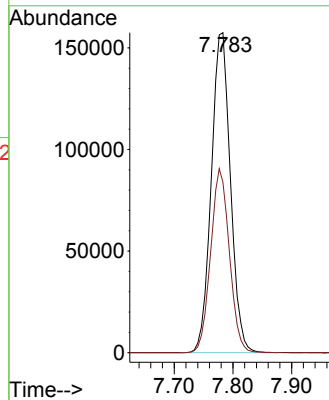
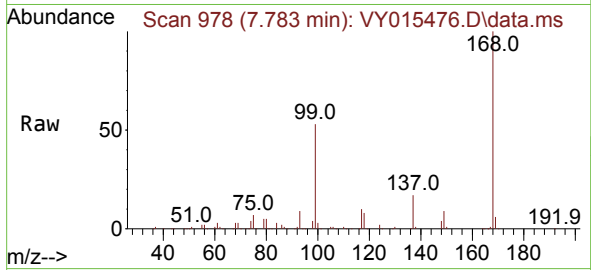




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

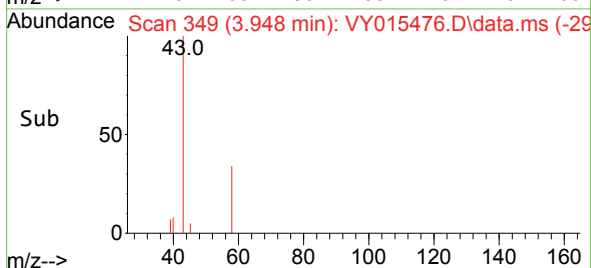
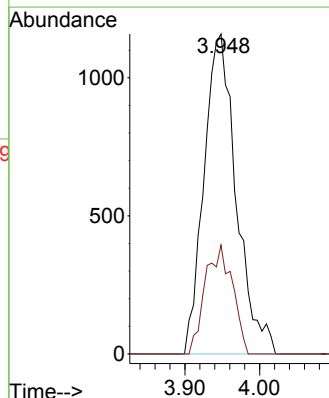
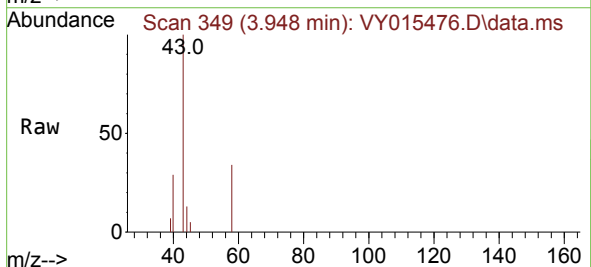
Instrument :
MSVOA_Y
ClientSampleId :

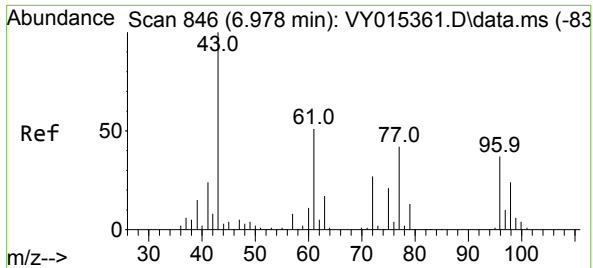
Tgt Ion:168 Resp: 356279
Ion Ratio Lower Upper
168 100
99 53.2 43.4 65.0



#16
Acetone
Concen: 2.178 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

Tgt Ion: 43 Resp: 3472
Ion Ratio Lower Upper
43 100
58 34.0 22.7 34.1





#25

2-Butanone

Concen: 1.377 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015476.D

Acq: 07 Sep 2023 18:57

Instrument :

MSVOA_Y

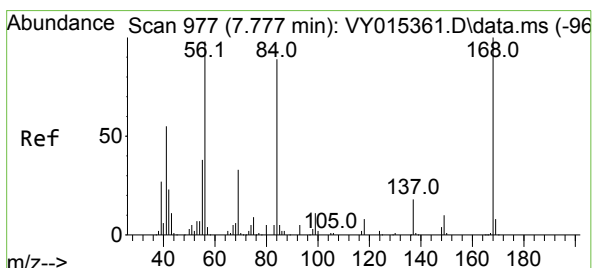
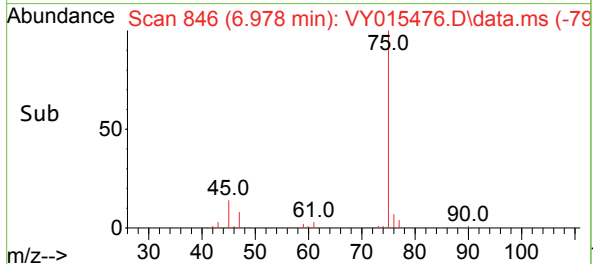
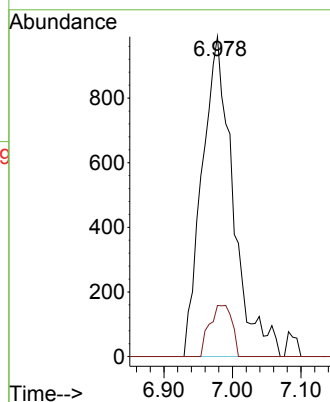
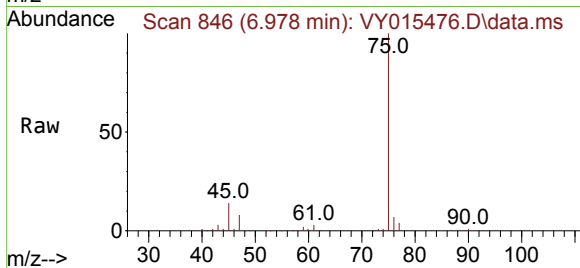
ClientSampleId :

Tgt Ion: 43 Resp: 3114

Ion Ratio Lower Upper

43 100

72 16.0 20.5 30.7#



#31

Cyclohexane

Concen: 1.093 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.006 min

Lab File: VY015476.D

Acq: 07 Sep 2023 18:57

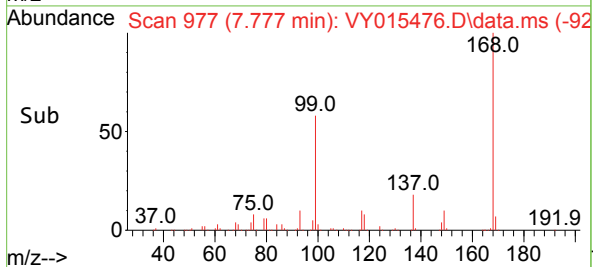
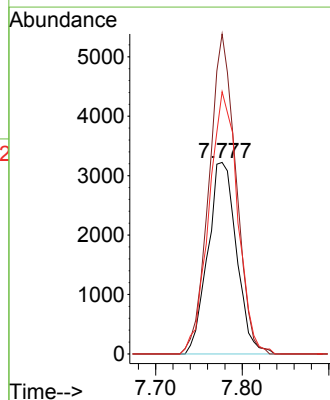
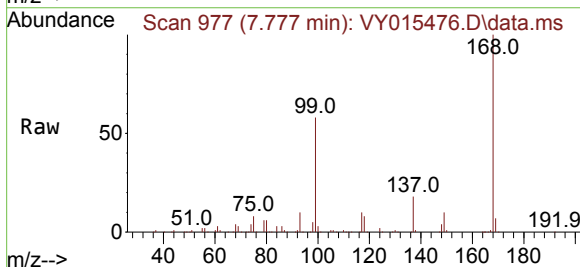
Tgt Ion: 56 Resp: 7412

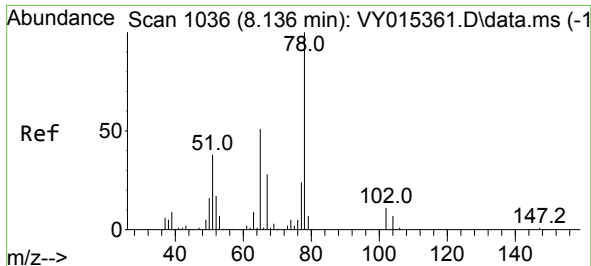
Ion Ratio Lower Upper

56 100

69 167.2 27.8 41.6#

84 137.0 66.4 99.6#

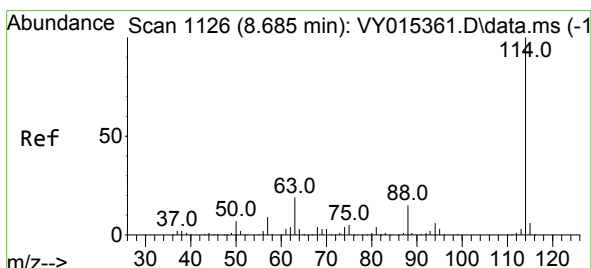
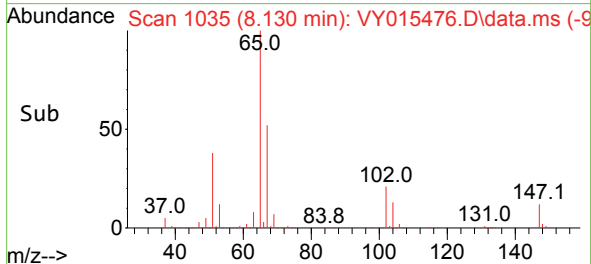
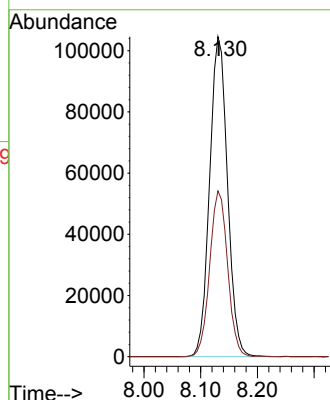
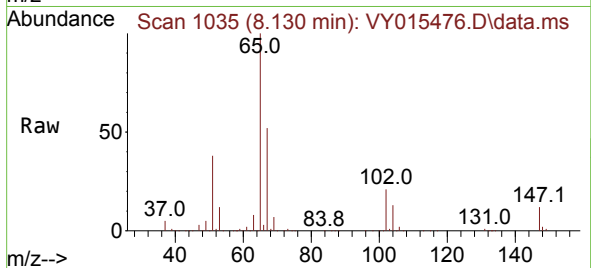




#33
 1,2-Dichloroethane-d4
 Concen: 59.913 ug/l
 RT: 8.130 min Scan# 1035
 Delta R.T. -0.006 min
 Lab File: VY015476.D
 Acq: 07 Sep 2023 18:57

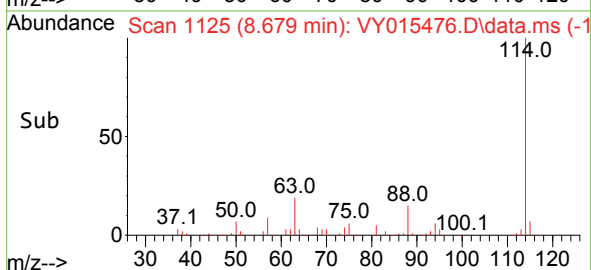
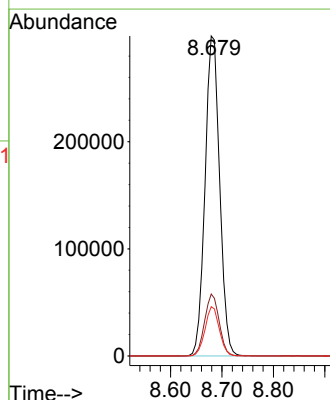
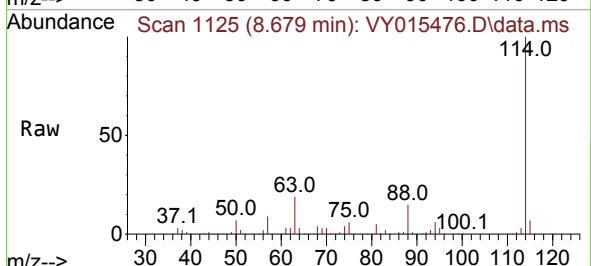
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 228823
 Ion Ratio Lower Upper
 65 100
 67 51.9 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: VY015476.D
 Acq: 07 Sep 2023 18:57

Tgt Ion:114 Resp: 589516
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 42.4
 88 15.4 0.0 30.6

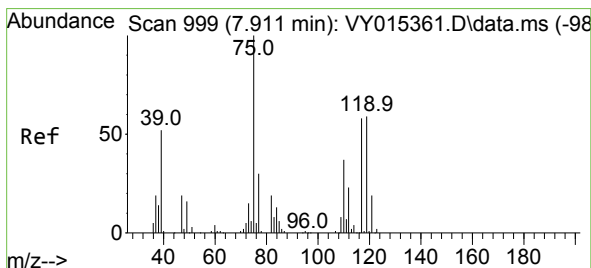
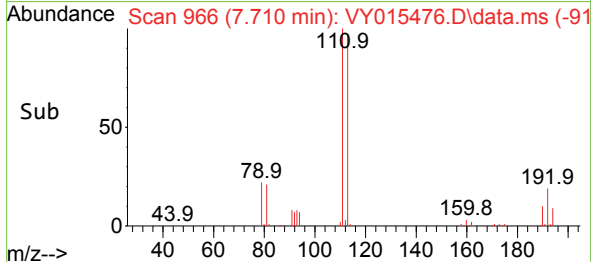
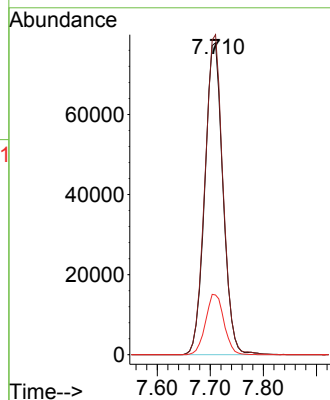
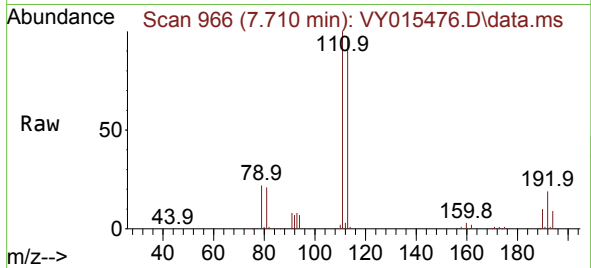




#35
Dibromofluoromethane
Concen: 54.402 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

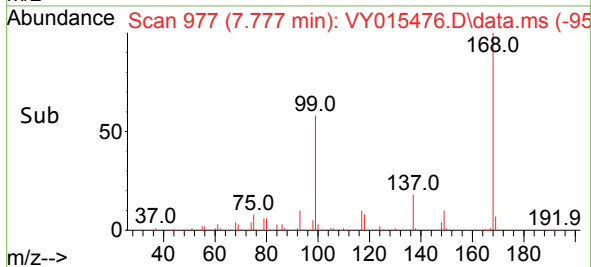
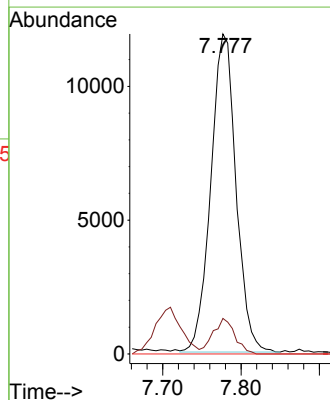
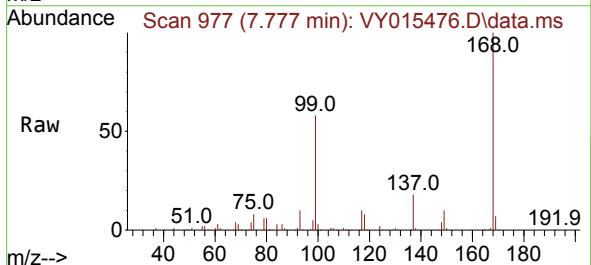
Instrument :
MSVOA_Y
ClientSampleId :

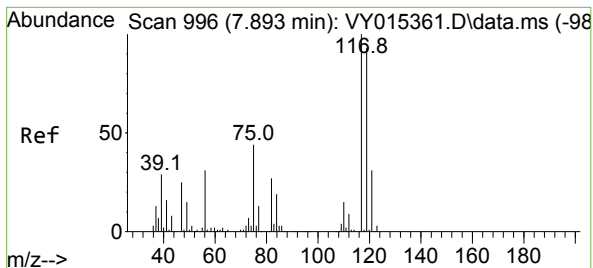
Tgt Ion:113 Resp: 184720
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.462 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

Tgt Ion: 75 Resp: 26602
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.789 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.116 min

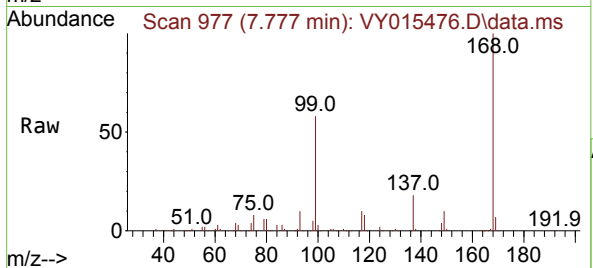
Lab File: VY015476.D

Acq: 07 Sep 2023 18:57

Instrument :

MSVOA_Y

ClientSampleId :



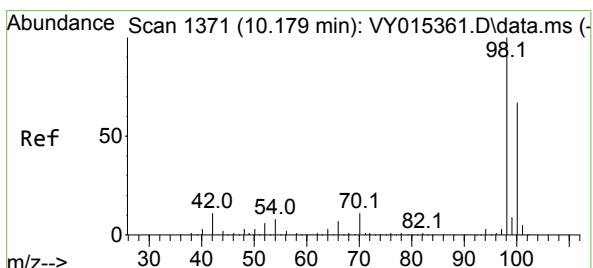
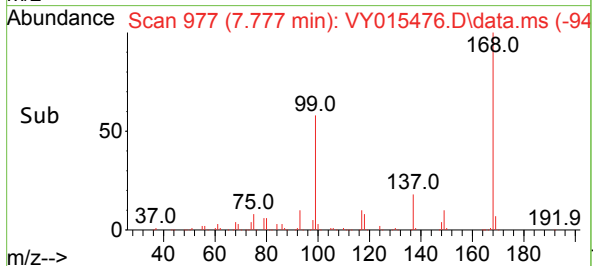
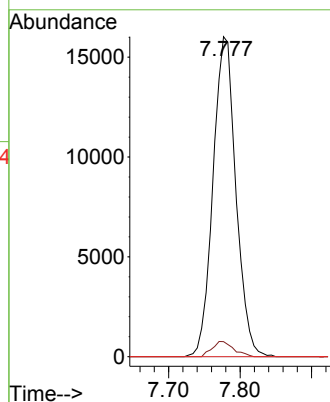
Tgt Ion:117 Resp: 35645

Ion Ratio Lower Upper

117 100

119 4.7 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 55.544 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015476.D

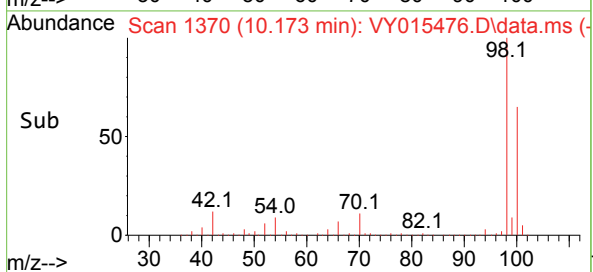
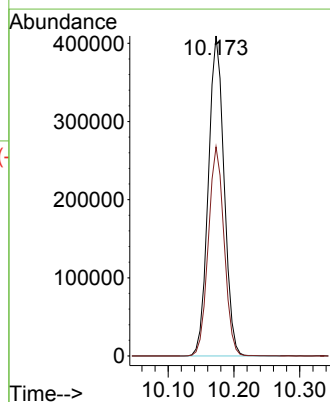
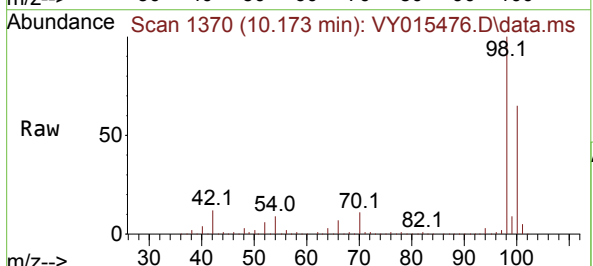
Acq: 07 Sep 2023 18:57

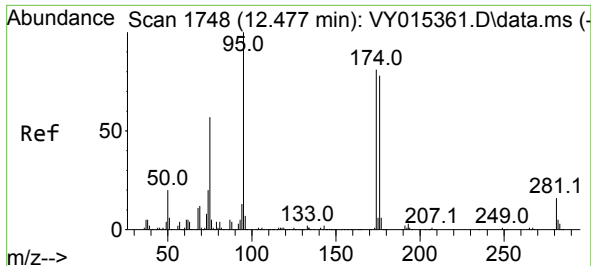
Tgt Ion: 98 Resp: 682981

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

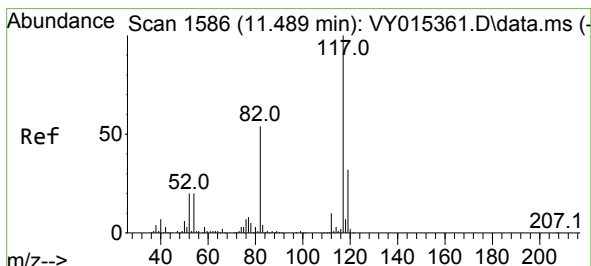
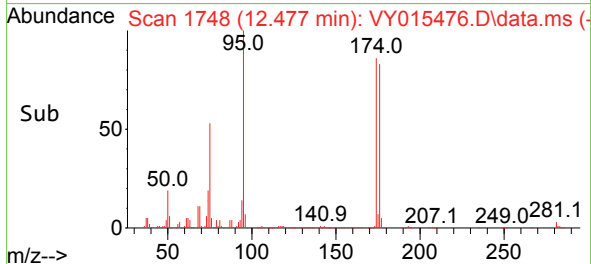
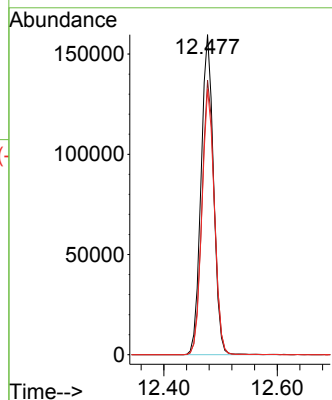
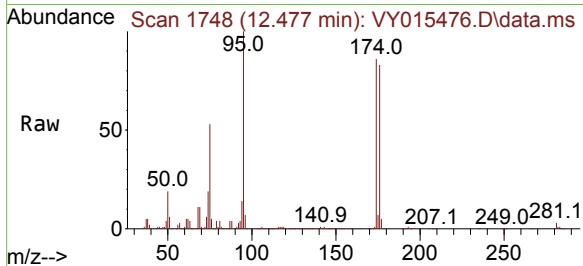




#62
4-Bromofluorobenzene
Concen: 53.344 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

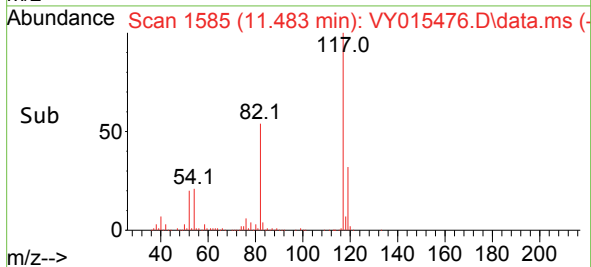
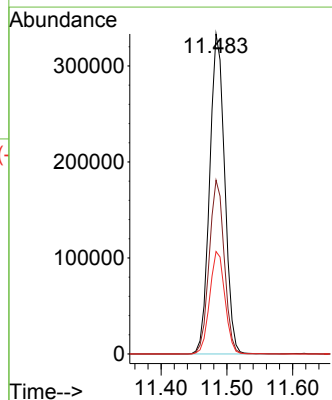
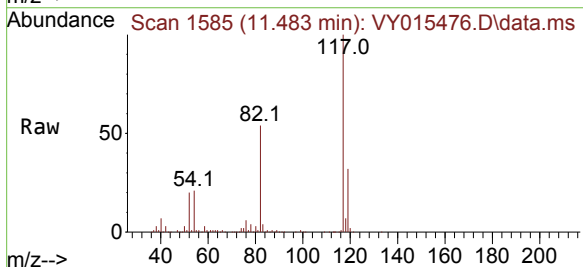
Instrument :
MSVOA_Y
ClientSampleId :

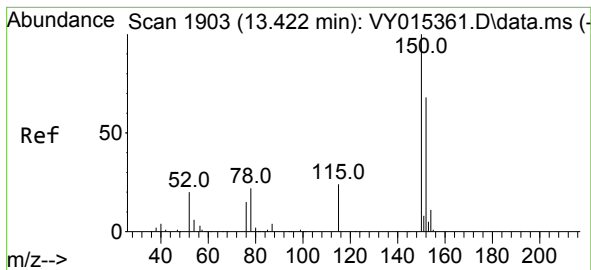
Tgt Ion: 95 Resp: 243509
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 82.9 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

Tgt Ion: 117 Resp: 531199
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.0
119 32.0 26.3 39.5

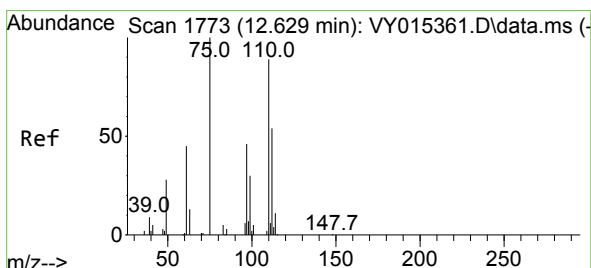
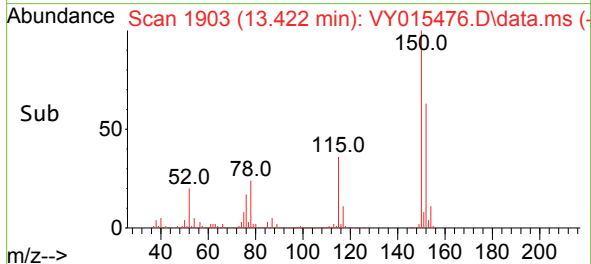
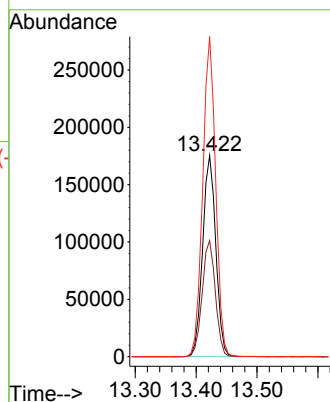
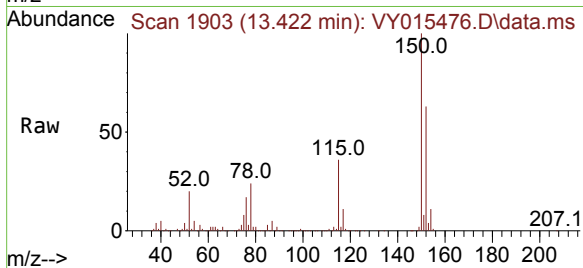




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY015476.D
 Acq: 07 Sep 2023 18:57

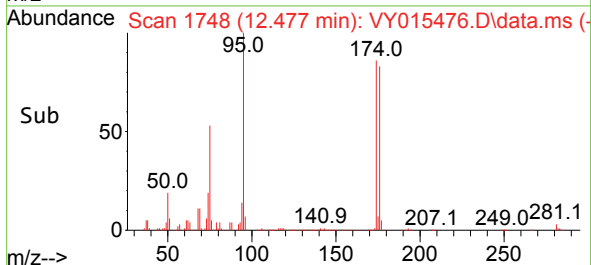
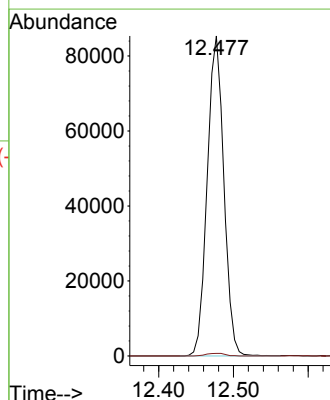
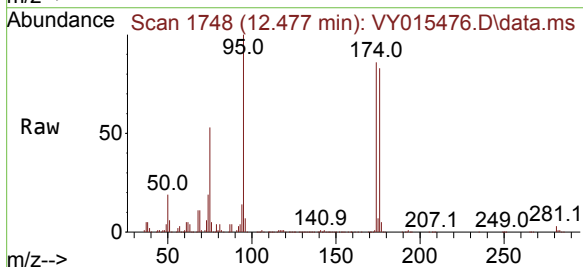
Instrument :
 MSVOA_Y
 ClientSampleId :

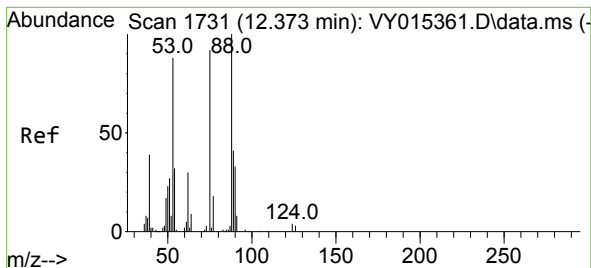
Tgt Ion:152 Resp: 264240
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 156.1 0.0 348.8



#76
 1,2,3-Trichloropropane
 Concen: 37.539 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015476.D
 Acq: 07 Sep 2023 18:57

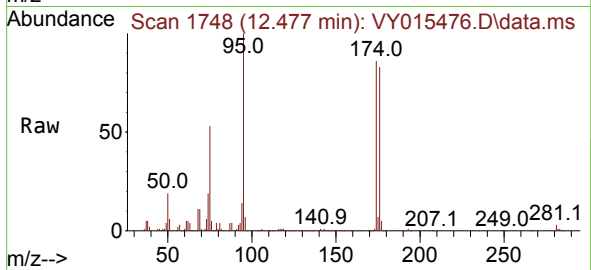
Tgt Ion: 75 Resp: 131540
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 82.807 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY015476.D
Acq: 07 Sep 2023 18:57

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 131540
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.1 37.4 56.0#

