

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015474.D
 Acq On : 07 Sep 2023 18:08
 Operator : SY/MD
 Sample : 04338-04
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:11:35 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)

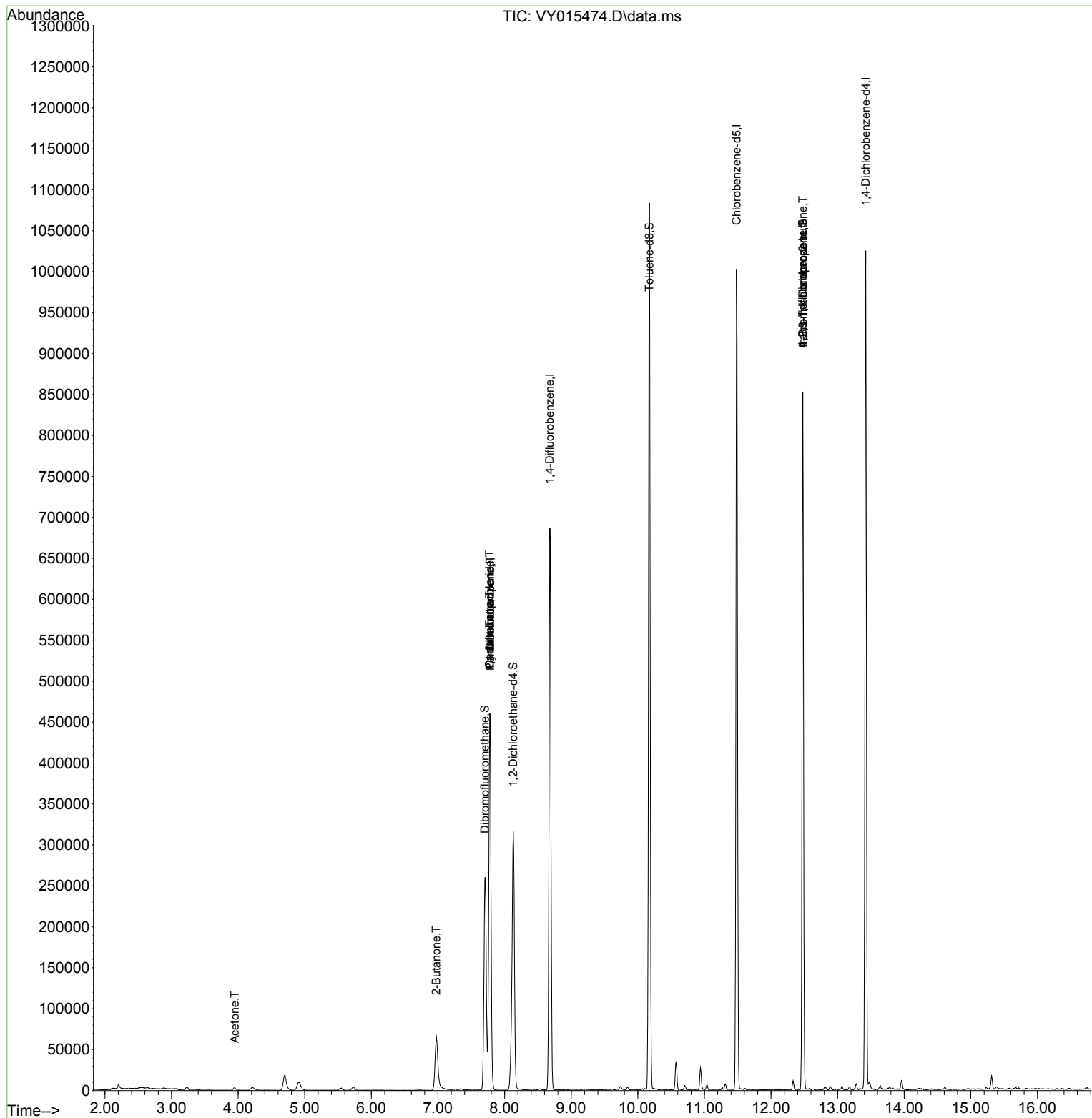
Internal Standards						
1) Pentafluorobenzene	7.783	168	357619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	592701	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	537008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	259530	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	230292	60.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.140%
35) Dibromofluoromethane	7.704	113	186627	54.668	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.340%
50) Toluene-d8	10.173	98	688647	55.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.400%
62) 4-Bromofluorobenzene	12.477	95	244874	53.355	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.720%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.899	59	11105	Below Cal	#	89
16) Acetone	3.948	43	5911	3.694	ug/l #	79
20) Methylene Chloride	4.704	84	14139	Below Cal	#	84
25) 2-Butanone	6.972	43	4236	1.866	ug/l	90
31) Cyclohexane	7.777	56	7591	1.115	ug/l #	7
36) 1,1-Dichloropropene	7.783	75	26988	4.502	ug/l #	51
38) Carbon Tetrachloride	7.777	117	35038	5.660	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	132662	38.546	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	132662	85.029	ug/l #	10

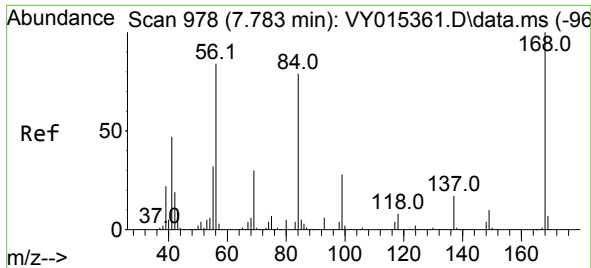
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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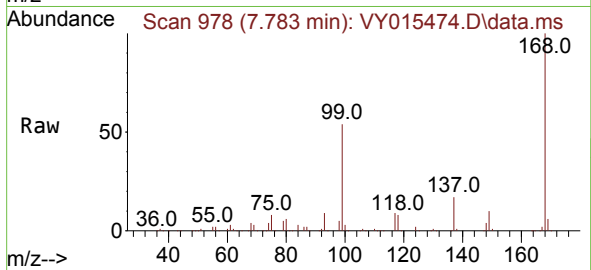
Quant Time: Sep 07 23:11:35 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



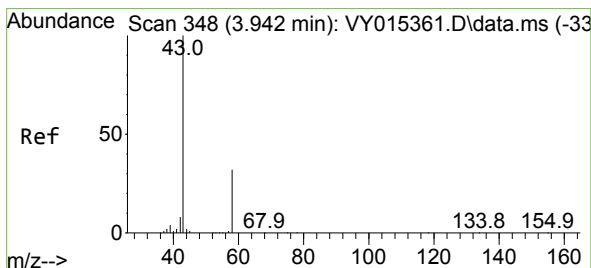
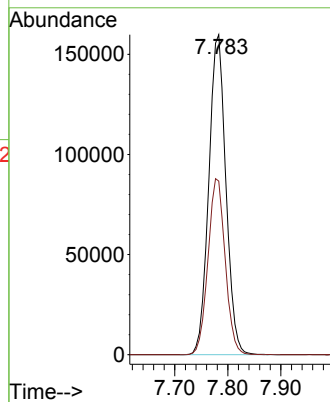
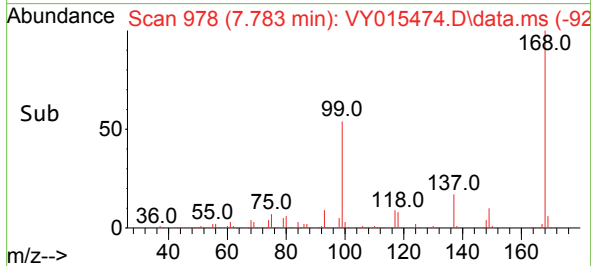


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :

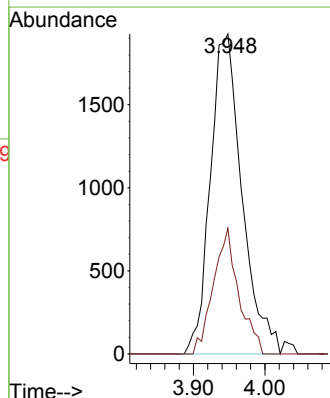
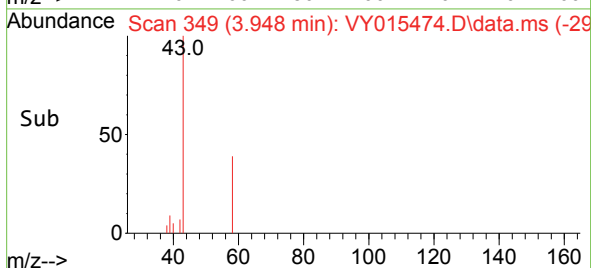
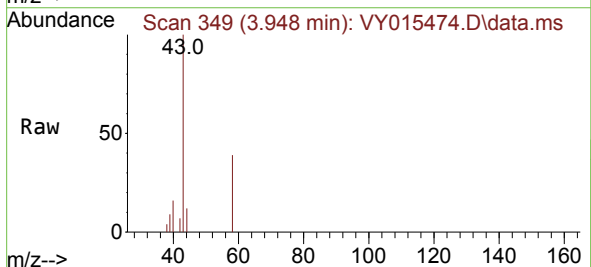


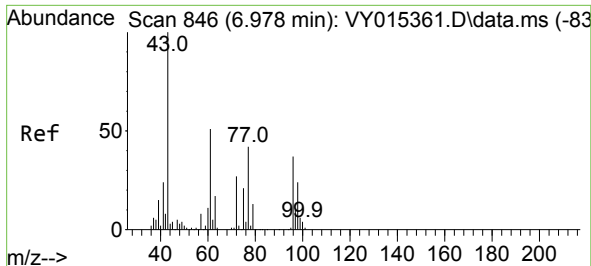
Tgt Ion:168 Resp: 357619
Ion Ratio Lower Upper
168 100
99 54.2 43.4 65.0



#16
Acetone
Concen: 3.694 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08

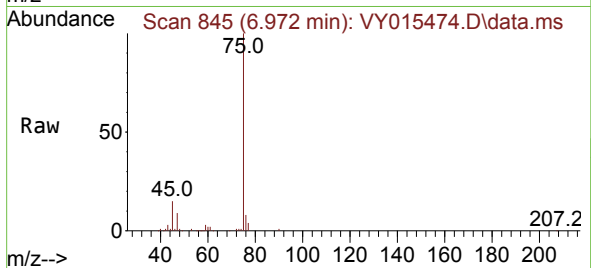
Tgt Ion: 43 Resp: 5911
Ion Ratio Lower Upper
43 100
58 39.3 22.7 34.1#



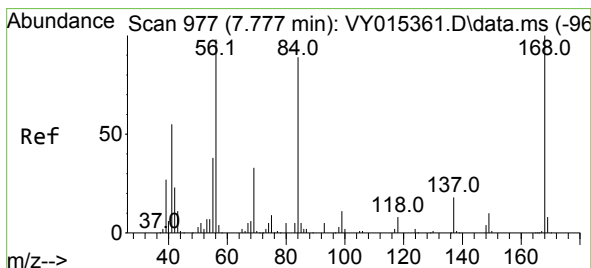
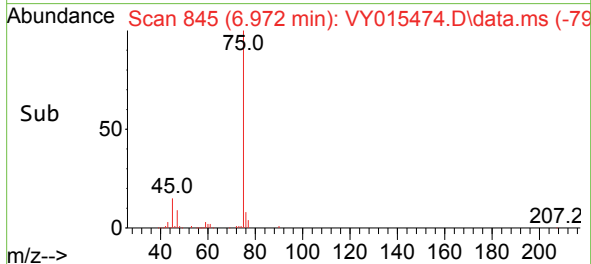
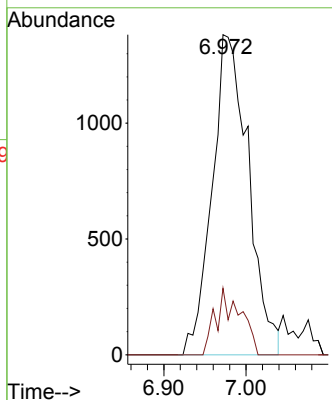


#25
2-Butanone
Concen: 1.866 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08

Instrument :
MSVOA_Y
ClientSampleId :

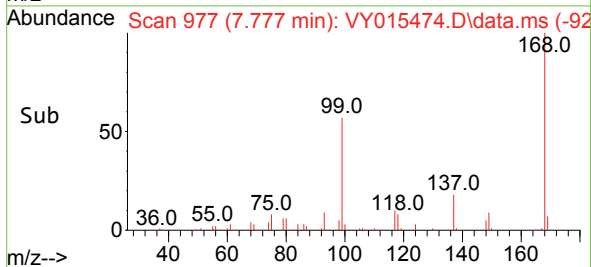
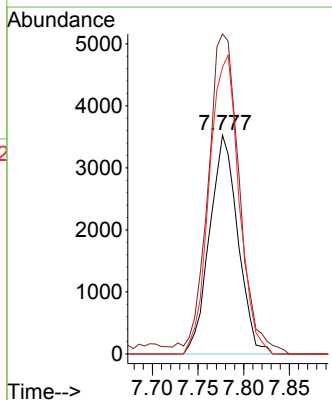
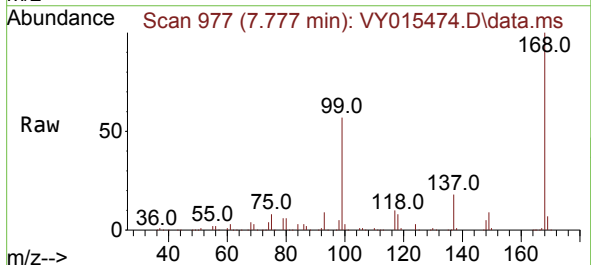


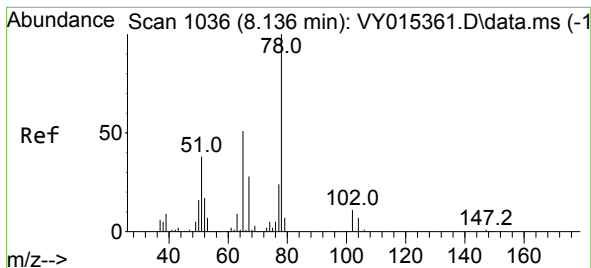
Tgt Ion: 43 Resp: 4236
Ion Ratio Lower Upper
43 100
72 20.8 20.5 30.7



#31
Cyclohexane
Concen: 1.115 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.006 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08

Tgt Ion: 56 Resp: 7591
Ion Ratio Lower Upper
56 100
69 143.2 27.8 41.6#
84 131.1 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 60.072 ug/l

RT: 8.130 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015474.D

Acq: 07 Sep 2023 18:08

Instrument :

MSVOA_Y

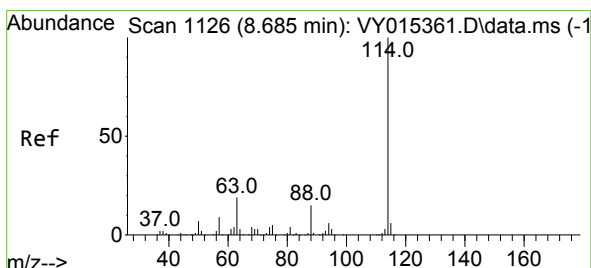
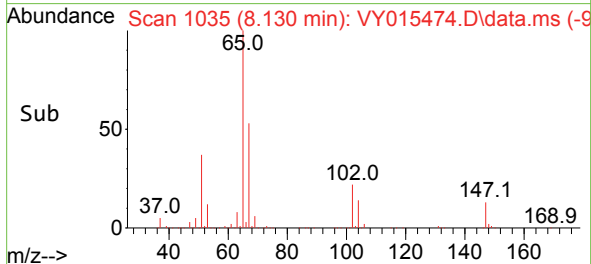
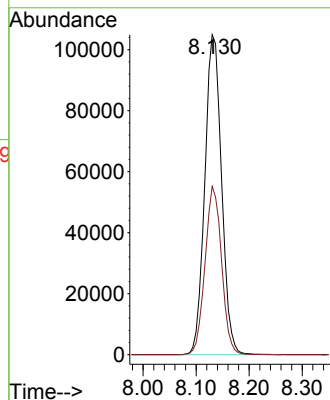
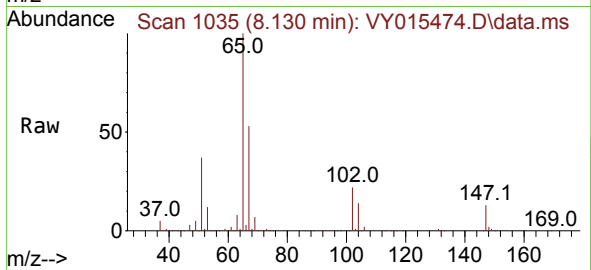
ClientSampleId :

Tgt Ion: 65 Resp: 230292

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: VY015474.D

Acq: 07 Sep 2023 18:08

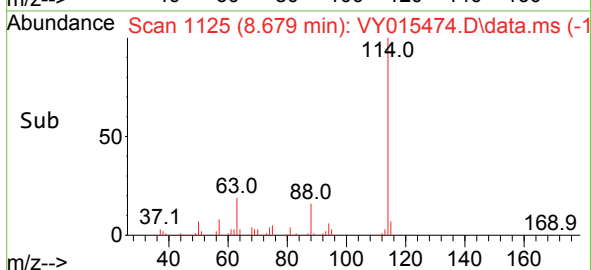
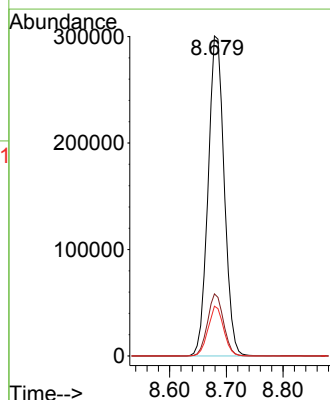
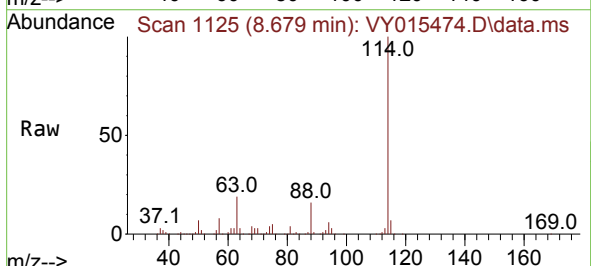
Tgt Ion: 114 Resp: 592701

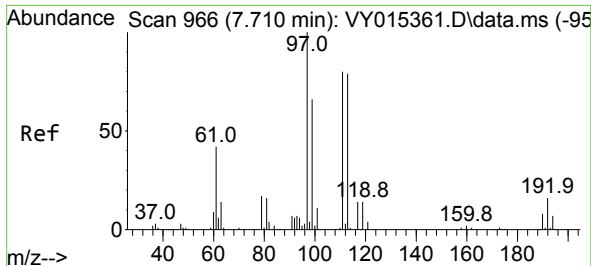
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

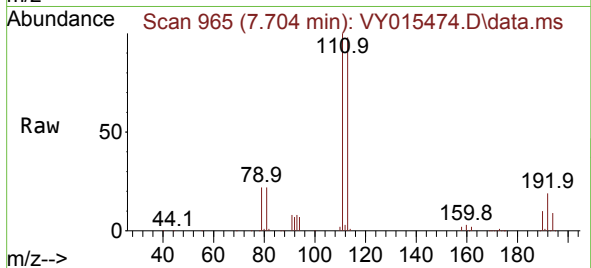
88 15.5 0.0 30.6



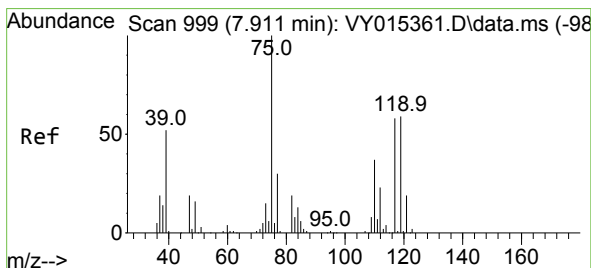
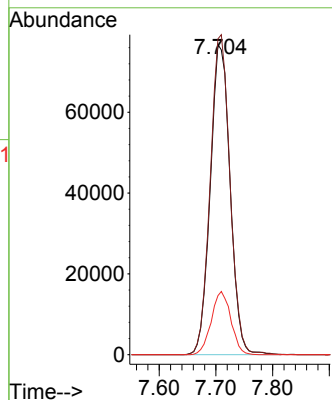
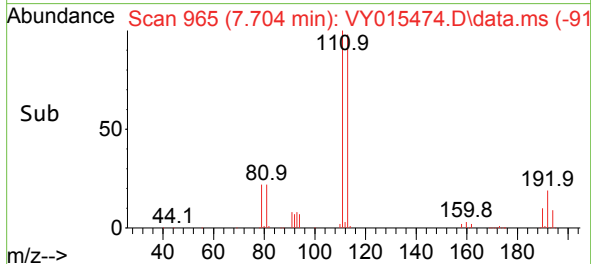


#35
Dibromofluoromethane
Concen: 54.668 ug/l
RT: 7.704 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08

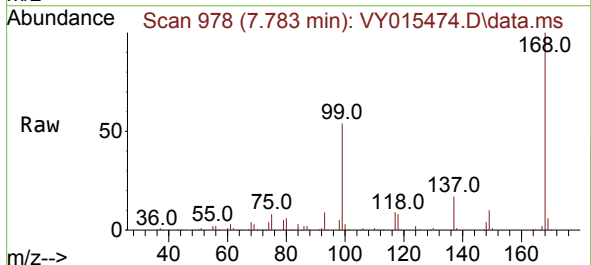
Instrument :
MSVOA_Y
ClientSampleId :



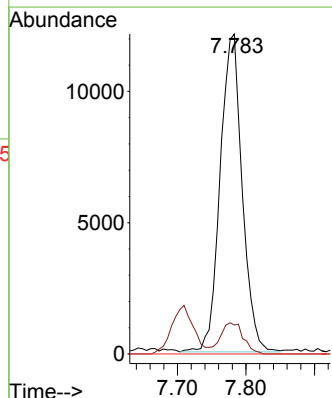
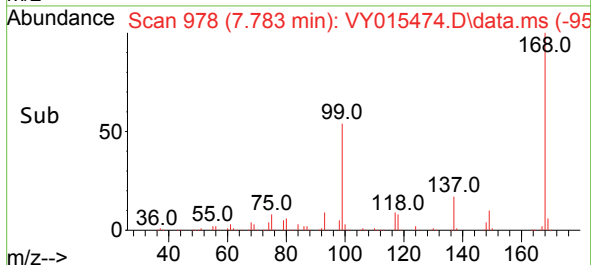
Tgt Ion:113 Resp: 186627
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 20.1 16.9 25.3

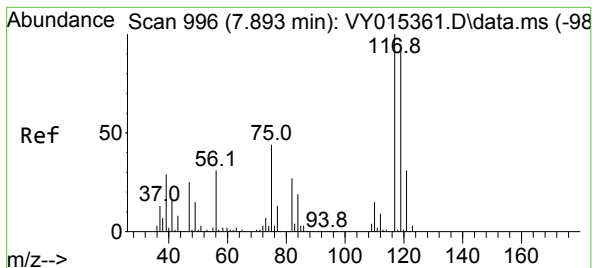


#36
1,1-Dichloropropene
Concen: 4.502 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08



Tgt Ion: 75 Resp: 26988
Ion Ratio Lower Upper
75 100
110 10.1 17.8 53.5#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.660 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.116 min

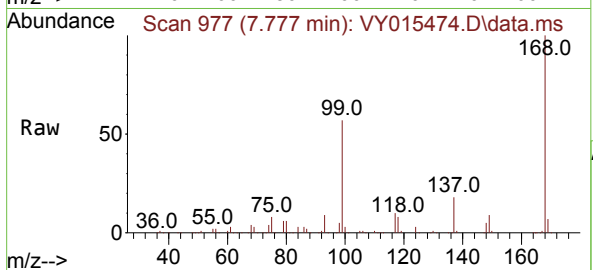
Lab File: VY015474.D

Acq: 07 Sep 2023 18:08

Instrument :

MSVOA_Y

ClientSampleId :



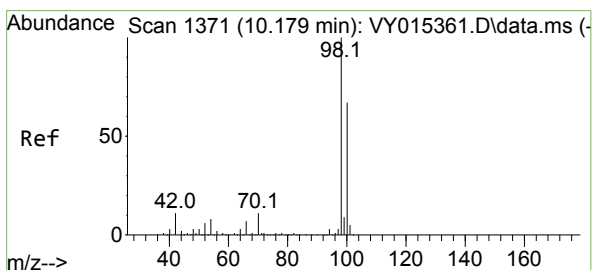
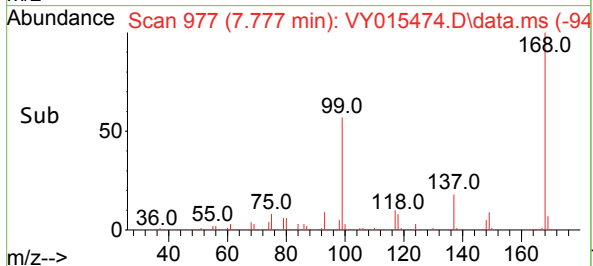
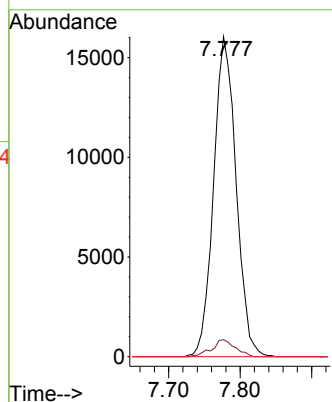
Tgt Ion:117 Resp: 35038

Ion Ratio Lower Upper

117 100

119 5.3 76.4 114.6#

121 0.0 25.8 38.6#



#50

Toluene-d8

Concen: 55.703 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015474.D

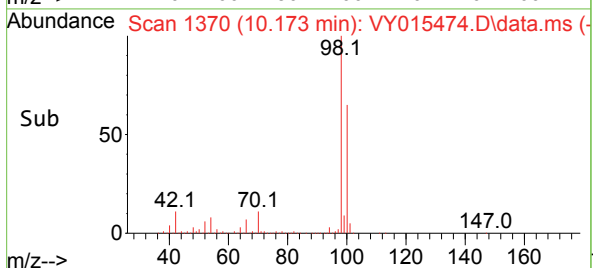
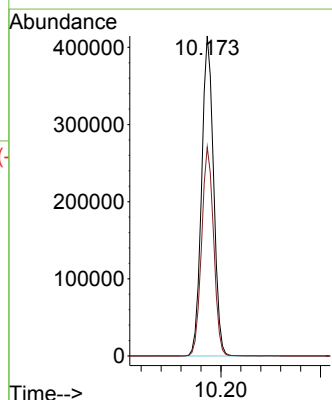
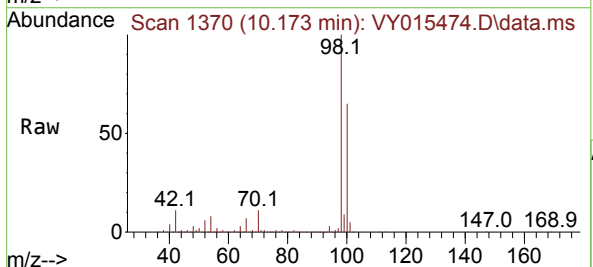
Acq: 07 Sep 2023 18:08

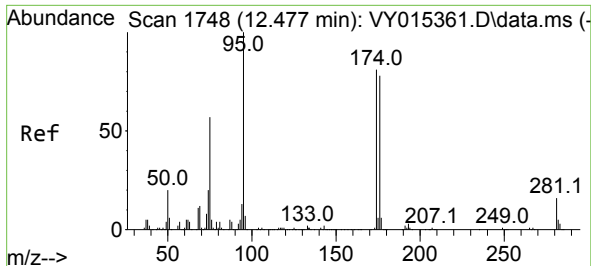
Tgt Ion: 98 Resp: 688647

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

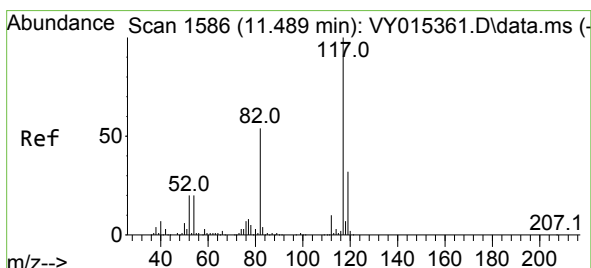
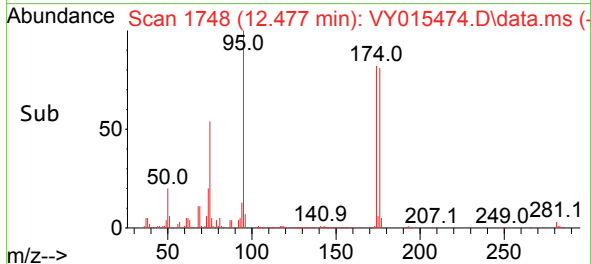
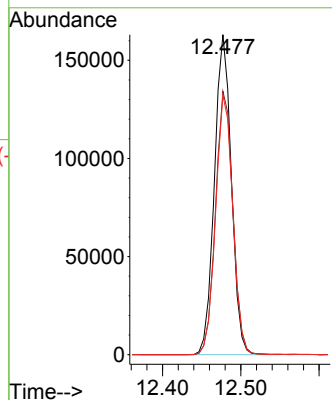
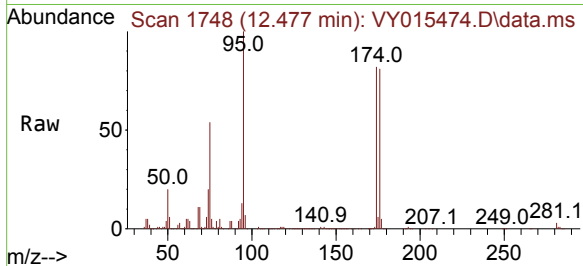




#62
4-Bromofluorobenzene
Concen: 53.355 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08

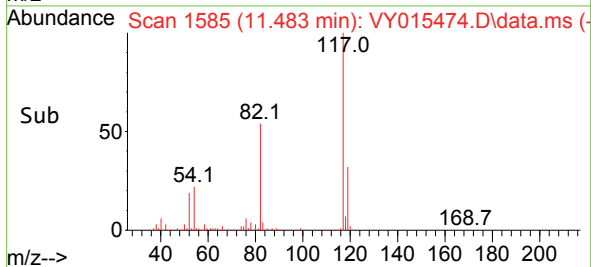
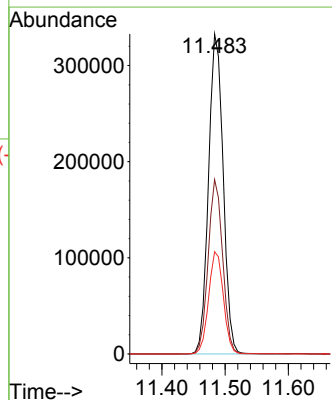
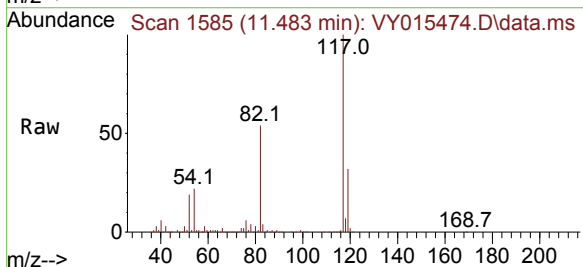
Instrument :
MSVOA_Y
ClientSampleId :

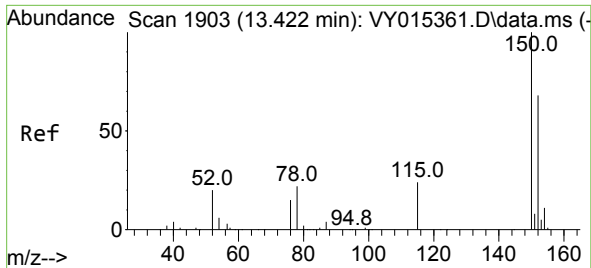
Tgt Ion: 95 Resp: 244874
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 82.3 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY015474.D
Acq: 07 Sep 2023 18:08

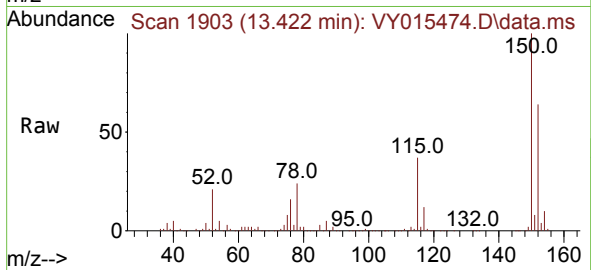
Tgt Ion: 117 Resp: 537008
Ion Ratio Lower Upper
117 100
82 54.5 43.4 65.0
119 31.9 26.3 39.5



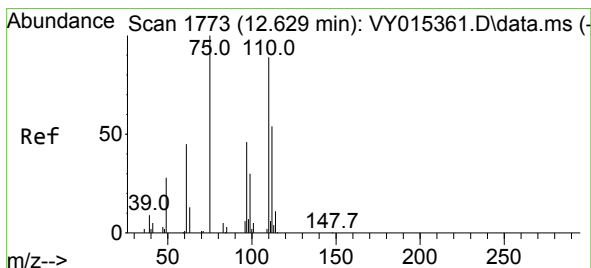
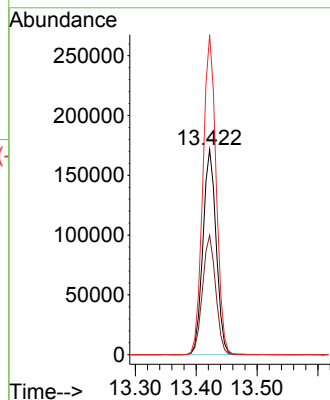
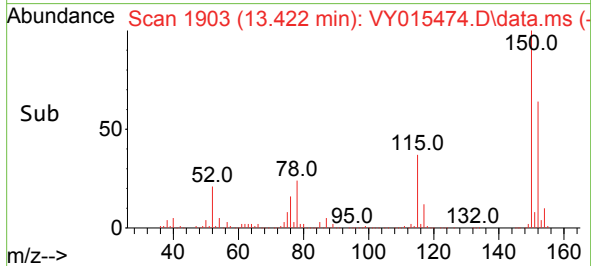


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY015474.D
 Acq: 07 Sep 2023 18:08

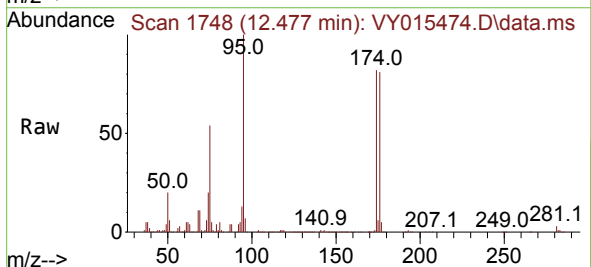
Instrument :
 MSVOA_Y
 ClientSampleId :



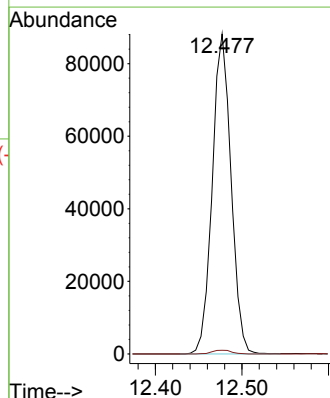
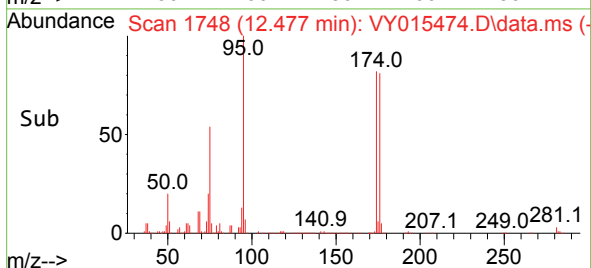
Tgt Ion:152 Resp: 259530
 Ion Ratio Lower Upper
 152 100
 115 57.9 28.8 86.5
 150 156.4 0.0 348.8

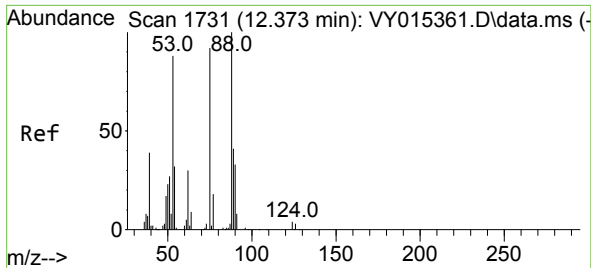


#76
 1,2,3-Trichloropropane
 Concen: 38.546 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY015474.D
 Acq: 07 Sep 2023 18:08



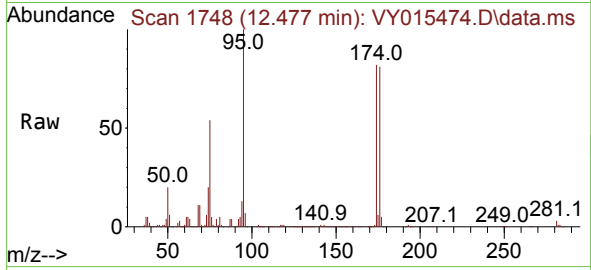
Tgt Ion: 75 Resp: 132662
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.029 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY015474.D
 Acq: 07 Sep 2023 18:08

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 132662
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.8 116.8#
 89 0.0 37.4 56.0#

