

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015500.D
 Acq On : 11 Sep 2023 20:25
 Operator : SY/MD
 Sample : 04374-10
 Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:22:50 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)

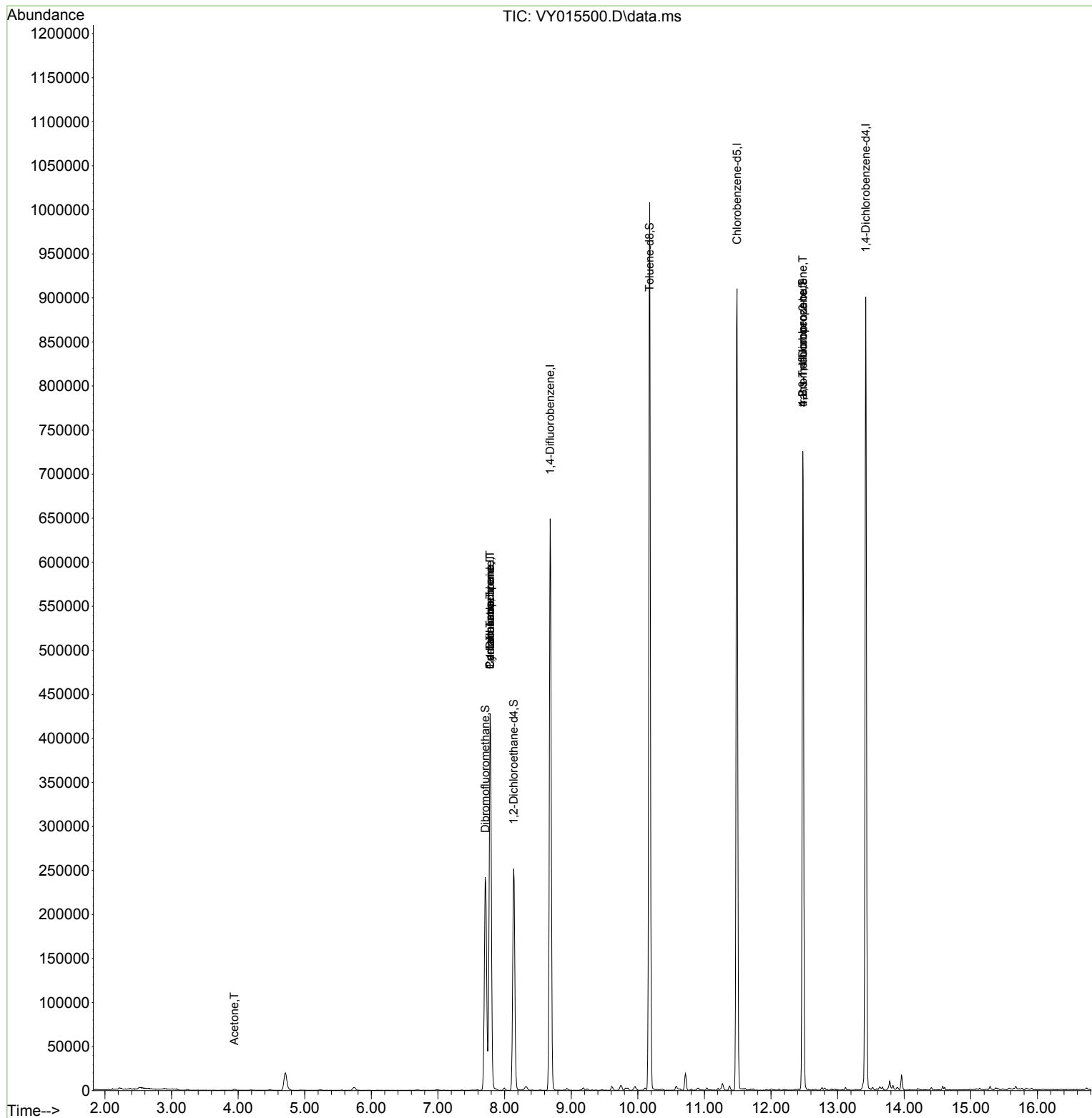
Internal Standards						
1) Pentafluorobenzene	7.783	168	332682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	554259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	492076	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	228435	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	197937	55.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.000%
35) Dibromofluoromethane	7.710	113	170999	53.564	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.120%
50) Toluene-d8	10.179	98	643053	55.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	111.240%
62) 4-Bromofluorobenzene	12.477	95	215247	50.153	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.300%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	128	Below Cal	#	89
16) Acetone	3.942	43	2385	1.602	ug/l #	89
20) Methylene Chloride	4.710	84	15535	Below Cal	#	84
31) Cyclohexane	7.783	56	7214	1.139	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	25189	4.494	ug/l #	50
38) Carbon Tetrachloride	7.783	117	32658	5.641	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	116298	38.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	116298	84.687	ug/l #	11

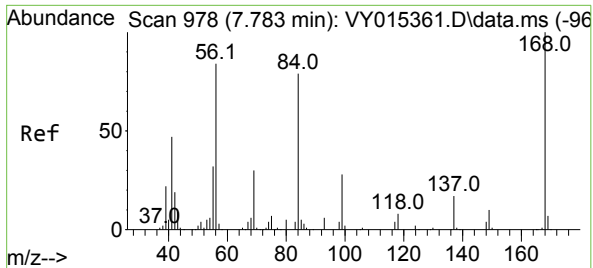
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
Data File : VY015500.D
Acq On : 11 Sep 2023 20:25
Operator : SY/MD
Sample : 04374-10
Misc : 4.29g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

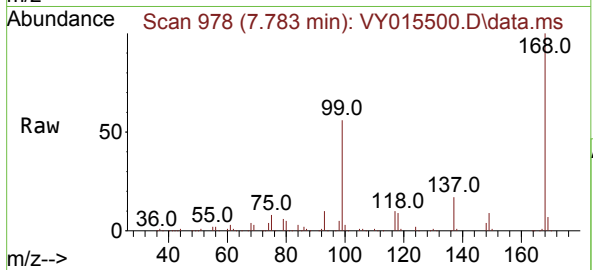
Quant Time: Sep 12 01:22:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



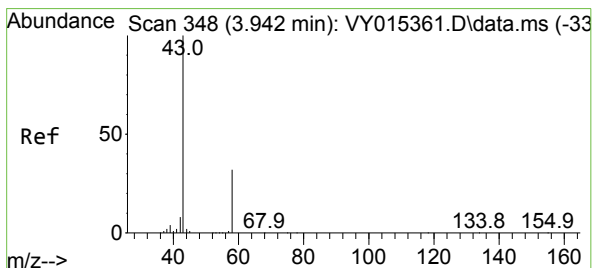
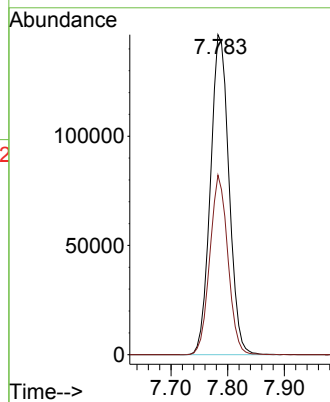
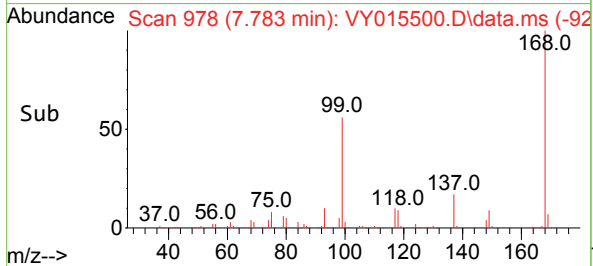


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :

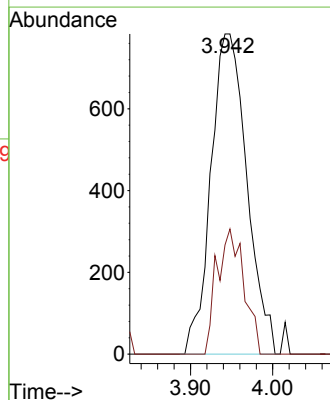
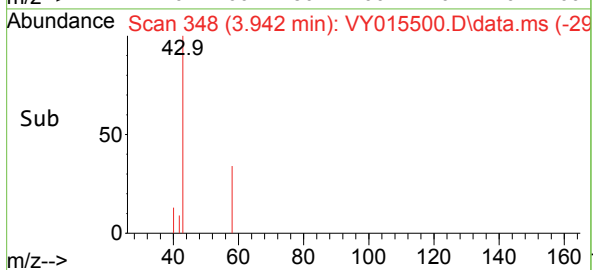
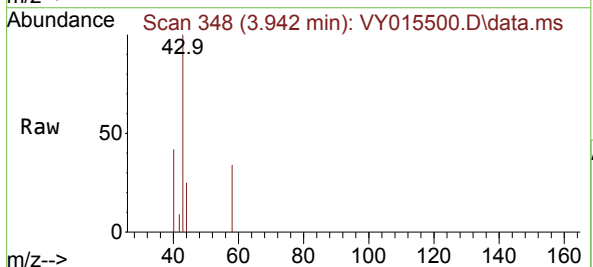


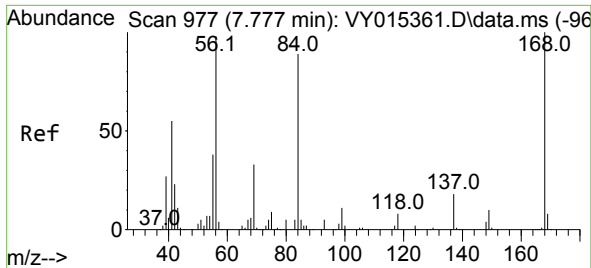
Tgt Ion:168 Resp: 332682
Ion Ratio Lower Upper
168 100
99 56.1 43.4 65.0



#16
Acetone
Concen: 1.602 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

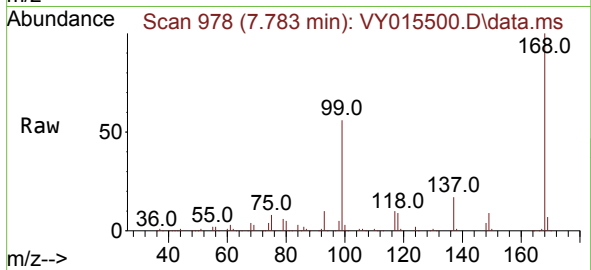
Tgt Ion: 43 Resp: 2385
Ion Ratio Lower Upper
43 100
58 34.1 22.7 34.1#



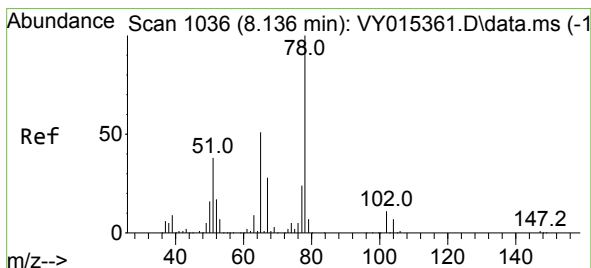
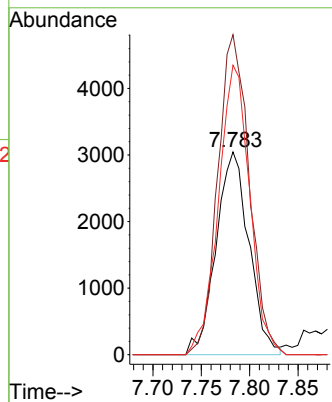
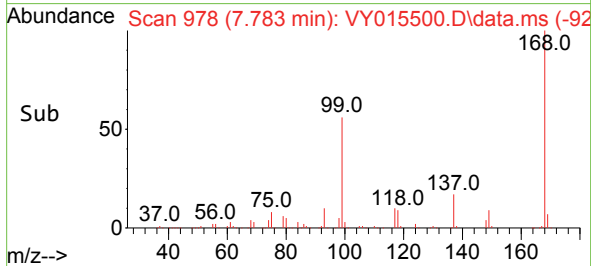


#31
Cyclohexane
Concen: 1.139 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

Instrument :
MSVOA_Y
ClientSampleId :

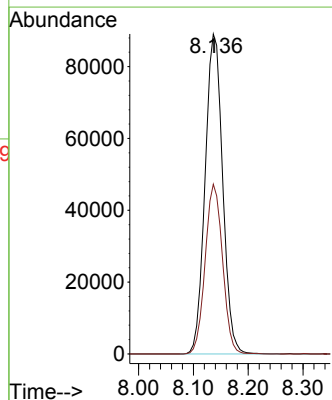
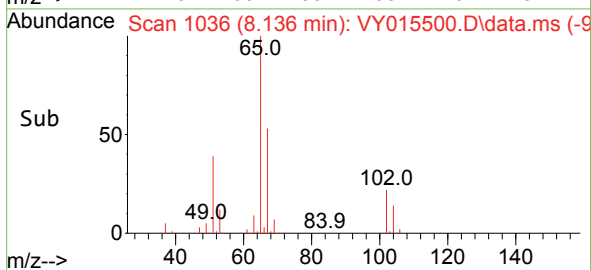
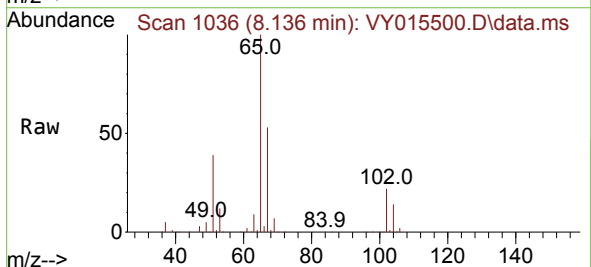


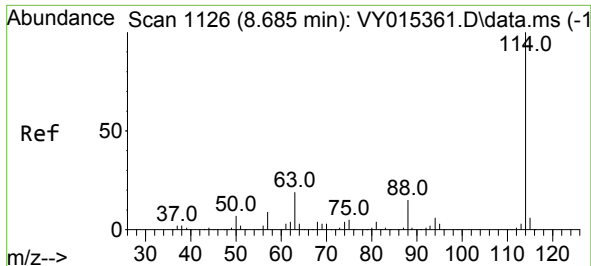
Tgt Ion: 56 Resp: 7214
Ion Ratio Lower Upper
56 100
69 157.9 27.8 41.6#
84 142.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 55.502 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

Tgt Ion: 65 Resp: 197937
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.8

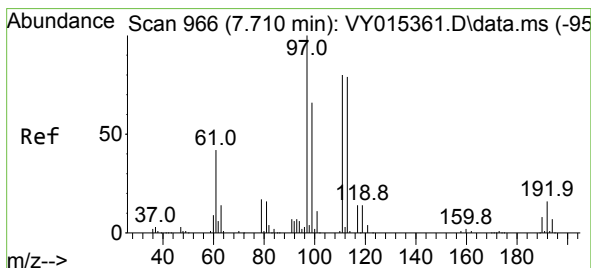
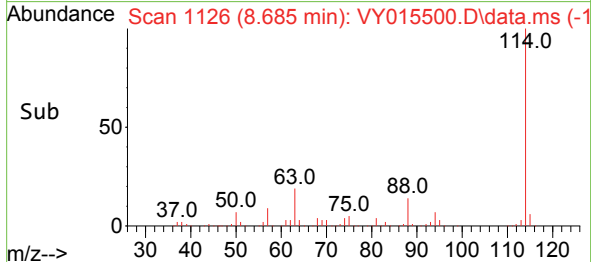
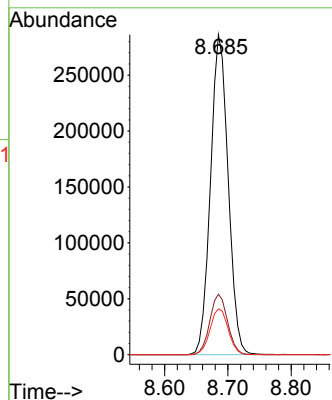
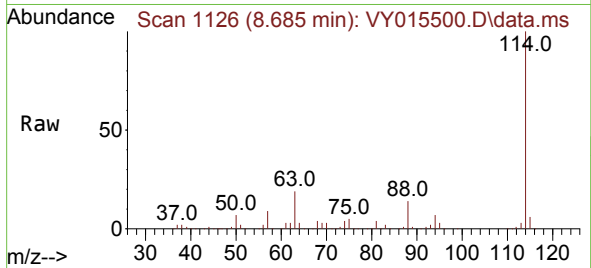




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

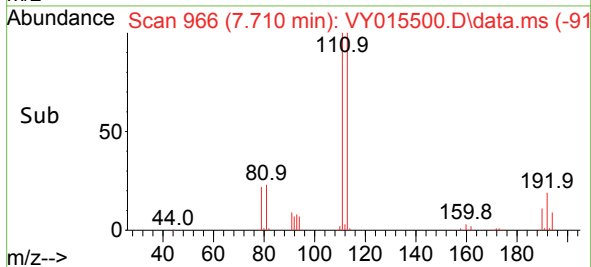
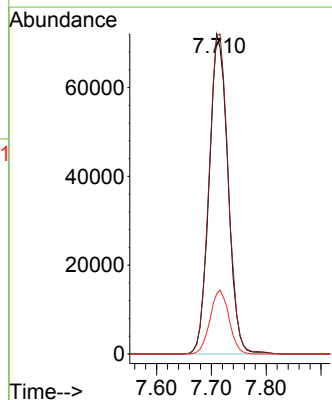
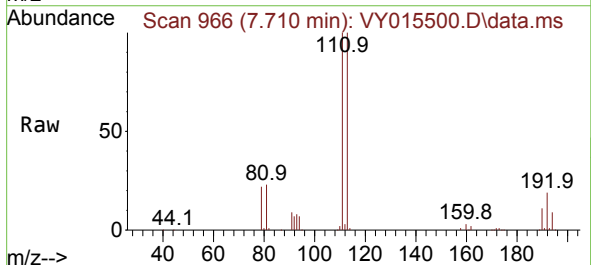
Instrument :
MSVOA_Y
ClientSampleId :

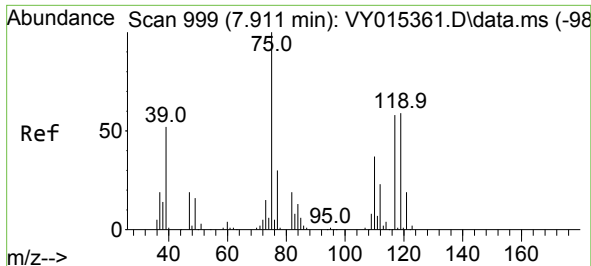
Tgt Ion:114 Resp: 554259
Ion Ratio Lower Upper
114 100
63 18.9 0.0 42.4
88 14.3 0.0 30.6



#35
Dibromofluoromethane
Concen: 53.564 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

Tgt Ion:113 Resp: 170999
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 20.1 16.9 25.3

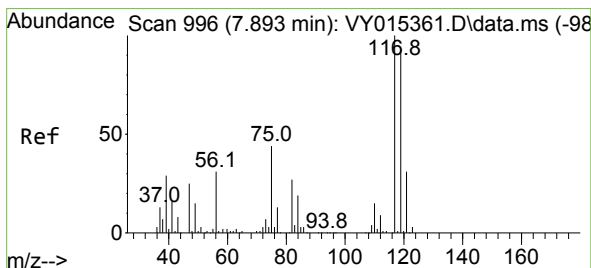
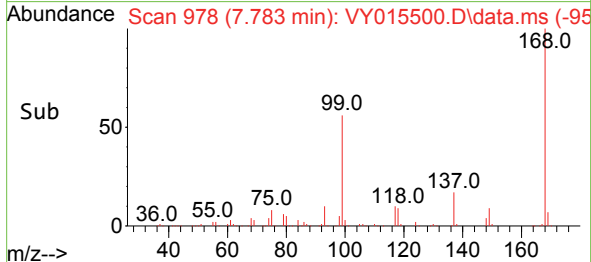
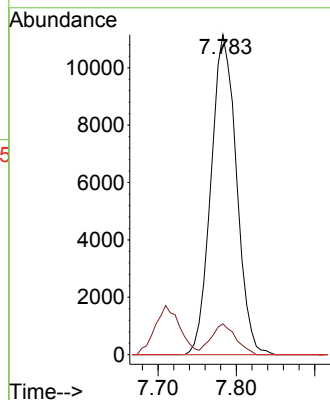
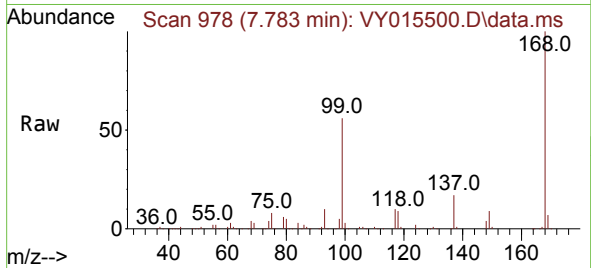




#36
1,1-Dichloropropene
Concen: 4.494 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

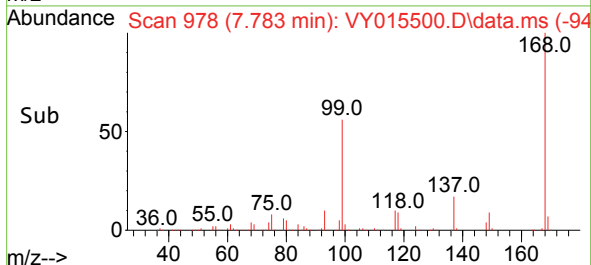
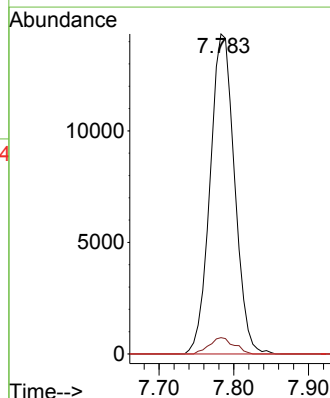
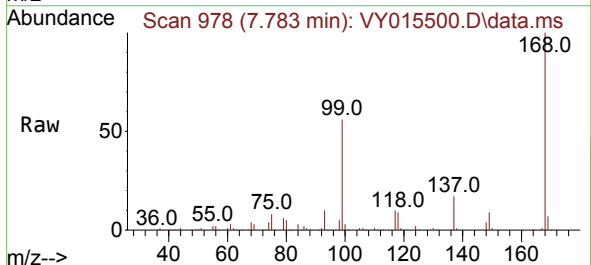
Instrument :
MSVOA_Y
ClientSampleId :

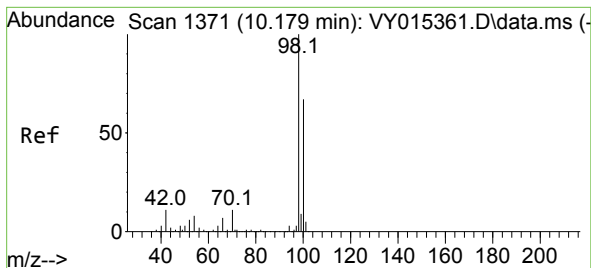
Tgt Ion: 75 Resp: 25189
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.641 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

Tgt Ion: 117 Resp: 32658
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#

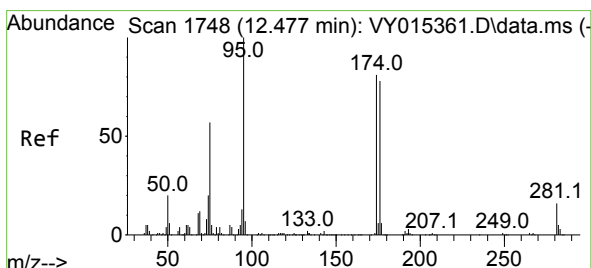
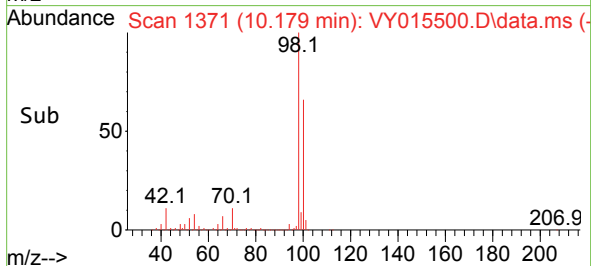
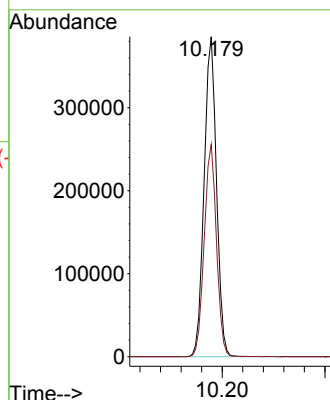
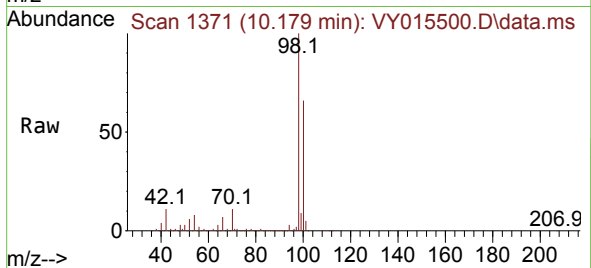




#50
Toluene-d8
Concen: 55.623 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

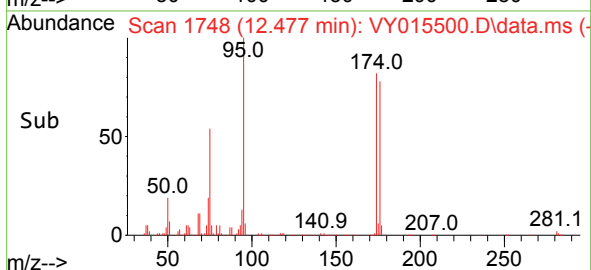
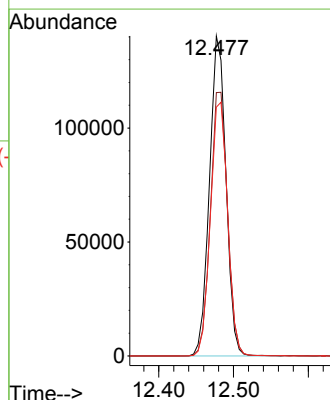
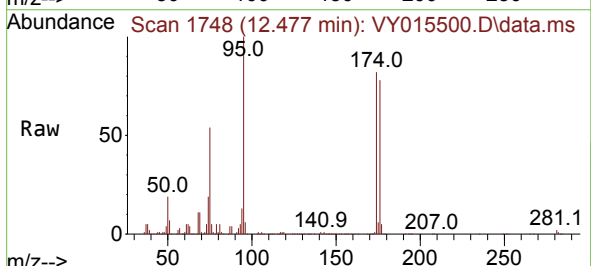
Instrument :
MSVOA_Y
ClientSampleId :

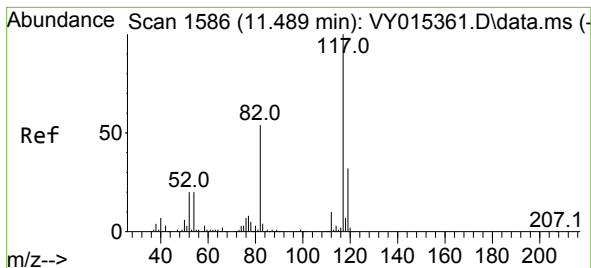
Tgt Ion: 98 Resp: 643053
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 50.153 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015500.D
Acq: 11 Sep 2023 20:25

Tgt Ion: 95 Resp: 215247
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015500.D

Acq: 11 Sep 2023 20:25

Instrument :

MSVOA_Y

ClientSampleId :

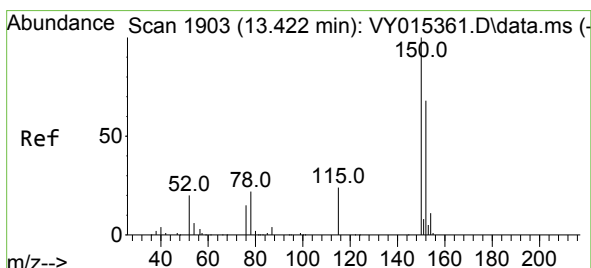
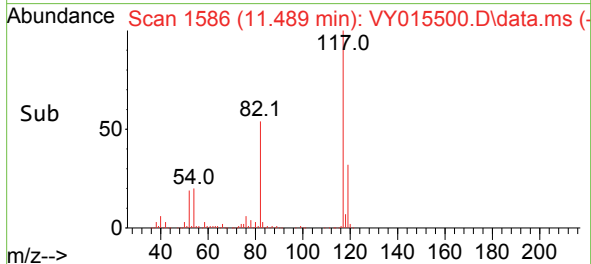
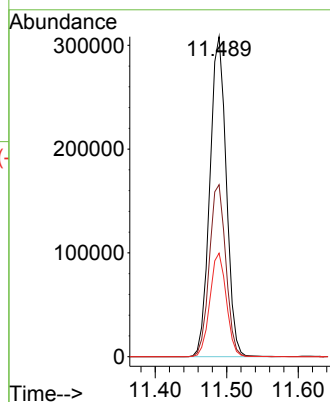
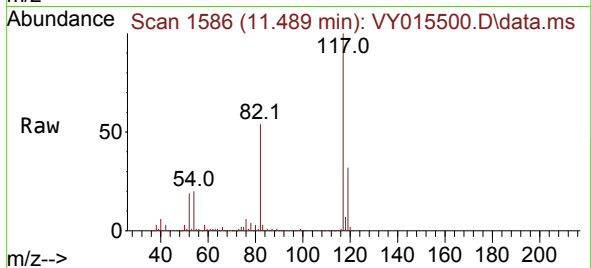
Tgt Ion:117 Resp: 492076

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 32.4 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: VY015500.D

Acq: 11 Sep 2023 20:25

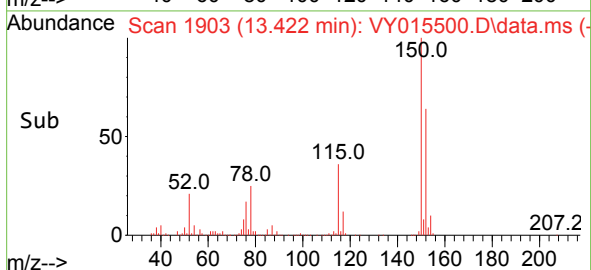
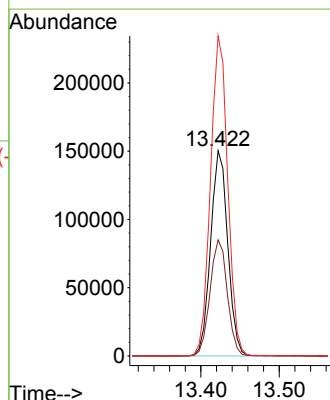
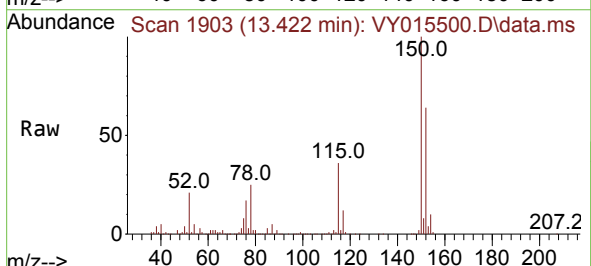
Tgt Ion:152 Resp: 228435

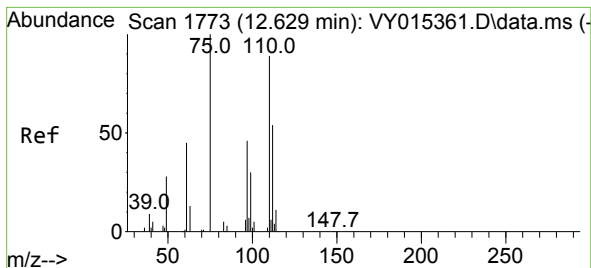
Ion Ratio Lower Upper

152 100

115 57.1 28.8 86.5

150 156.6 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 38.391 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015500.D

Acq: 11 Sep 2023 20:25

Instrument :

MSVOA_Y

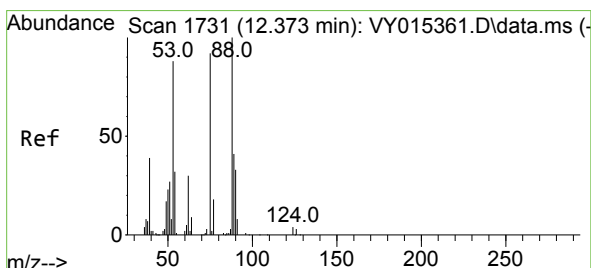
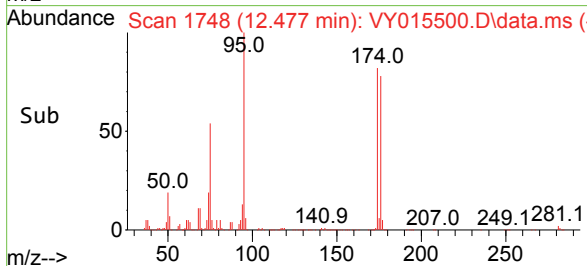
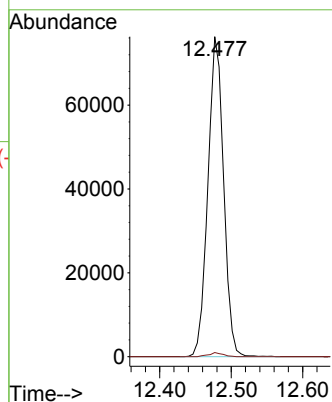
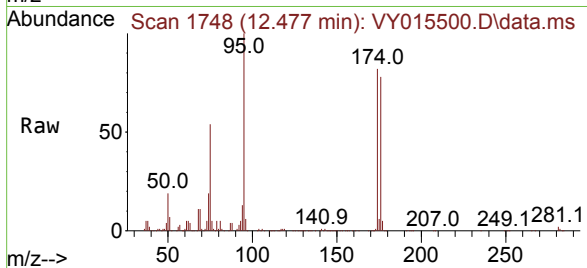
ClientSampleId :

Tgt Ion: 75 Resp: 116298

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.687 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY015500.D

Acq: 11 Sep 2023 20:25

Tgt Ion: 75 Resp: 116298

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

