

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091223\
 Data File : VY015514.D
 Acq On : 12 Sep 2023 17:46
 Operator : SY/MD
 Sample : 04351-07
 Misc : 5.24g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 05:55:19 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)

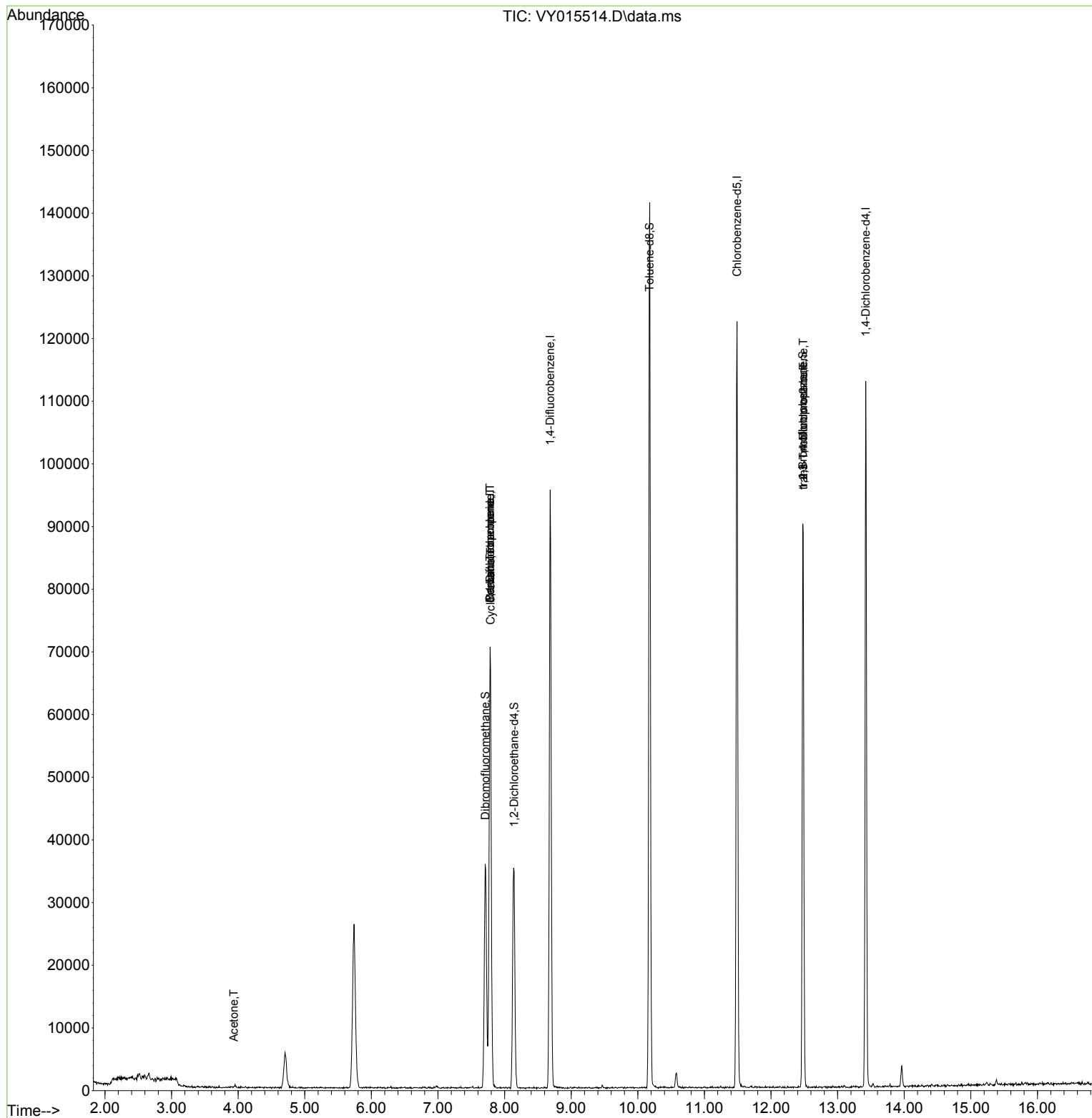
Internal Standards						
1) Pentafluorobenzene	7.783	168	54813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	80224	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	67453	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	29620	50.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.820%	
35) Dibromofluoromethane	7.710	113	25582	55.364	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.720%	
50) Toluene-d8	10.179	98	92603	55.340	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.680%	
62) 4-Bromofluorobenzene	12.477	95	27622	44.465	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.940%	
Target Compounds						
					Qvalue	
16) Acetone	3.936	43	477	1.945	ug/l #	46
20) Methylene Chloride	4.716	84	4258	Below Cal	#	80
31) Cyclohexane	7.789	56	1120	1.073	ug/l #	9
36) 1,1-Dichloropropene	7.783	75	3929	4.843	ug/l #	51
38) Carbon Tetrachloride	7.783	117	5222	6.232	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	14655	38.397	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	14655	84.701	ug/l #	10

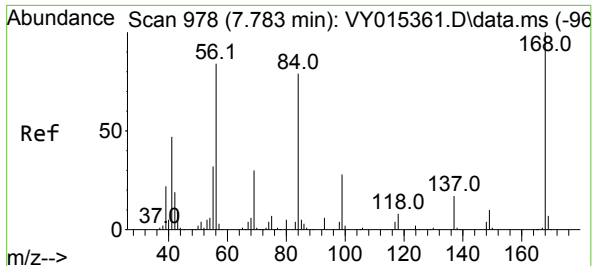
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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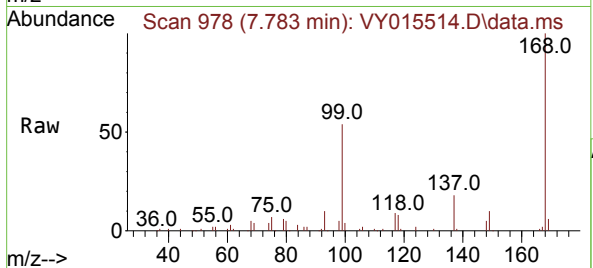
Quant Time: Sep 13 05:55:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



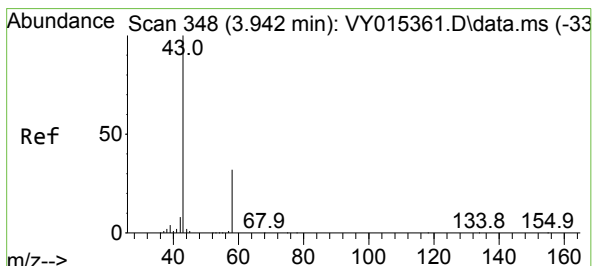
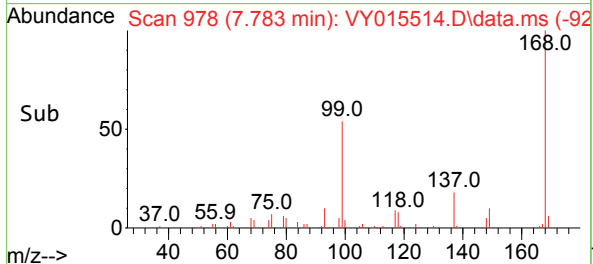
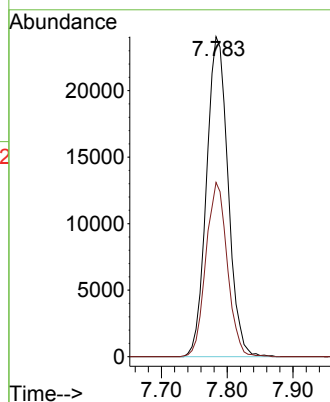


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :

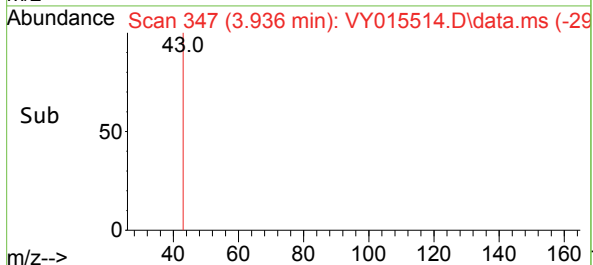
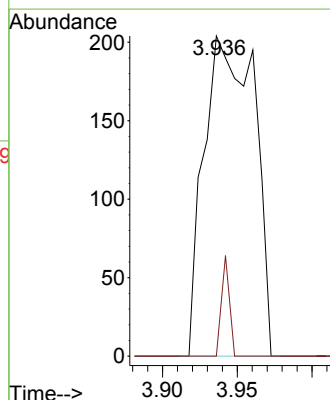
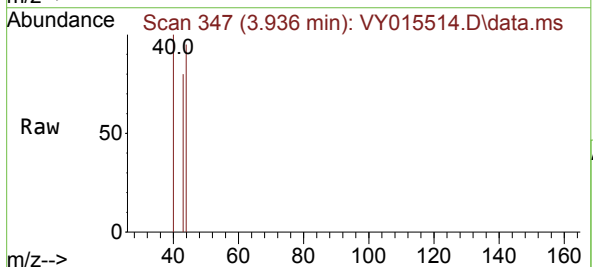


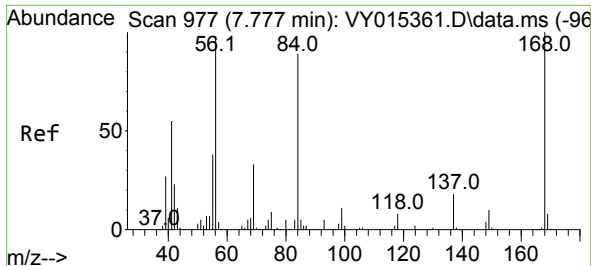
Tgt Ion:168 Resp: 54813
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#16
Acetone
Concen: 1.945 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

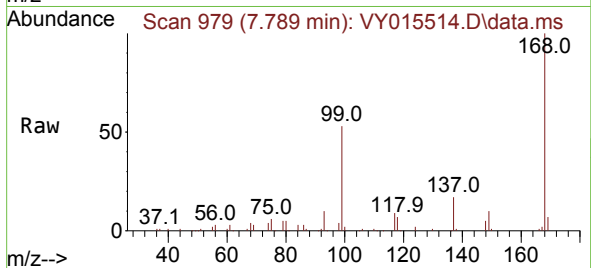
Tgt Ion: 43 Resp: 477
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



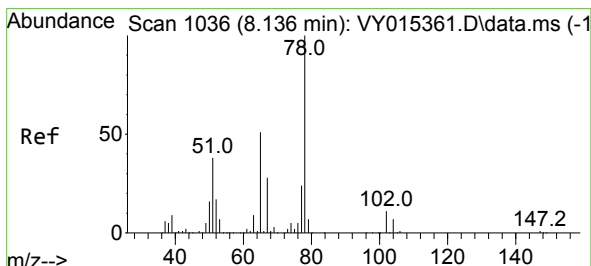
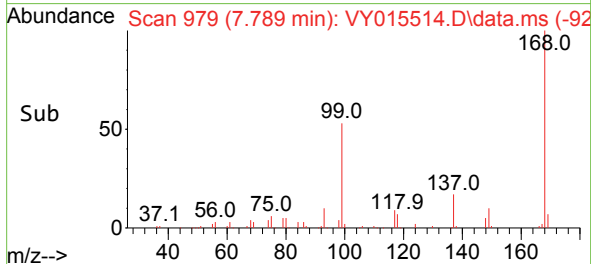
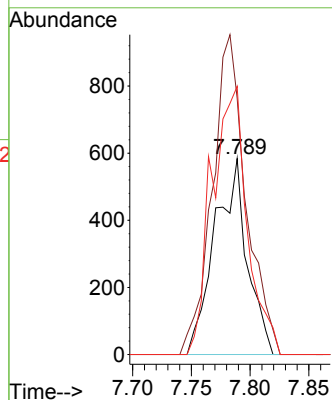


#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Instrument :
MSVOA_Y
ClientSampleId :

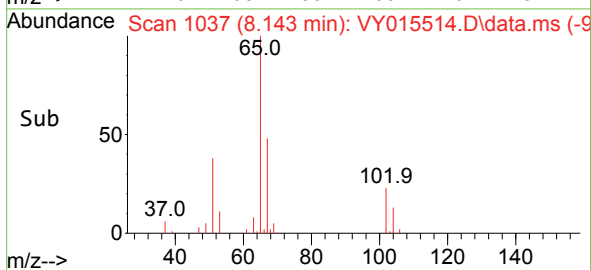
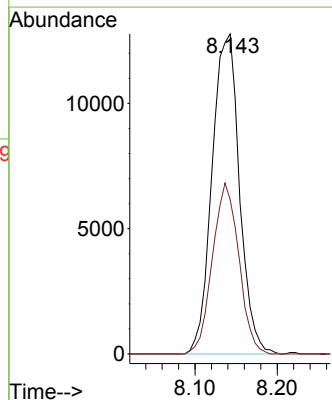
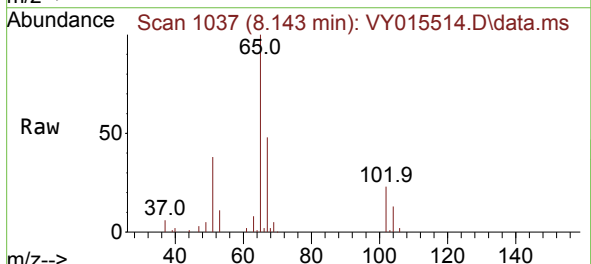


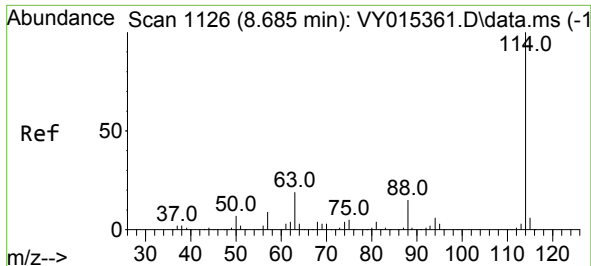
Tgt Ion: 56 Resp: 1120
Ion Ratio Lower Upper
56 100
69 130.8 27.8 41.6#
84 136.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 50.410 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Tgt Ion: 65 Resp: 29620
Ion Ratio Lower Upper
65 100
67 51.4 0.0 101.8

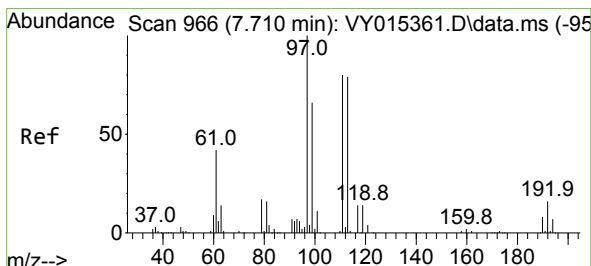
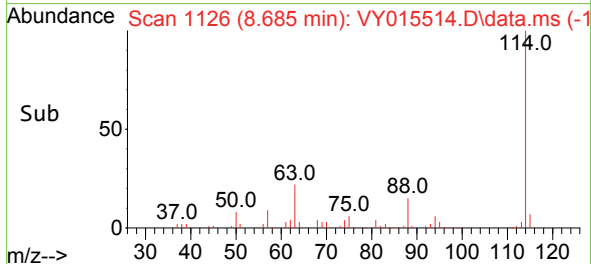
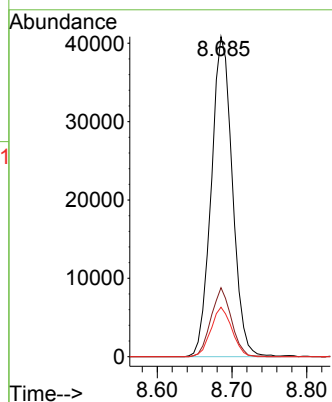
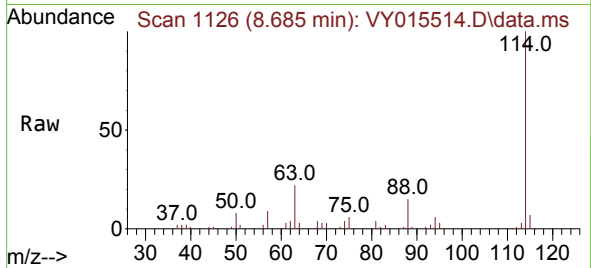




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

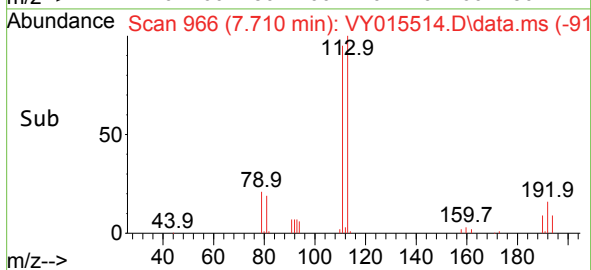
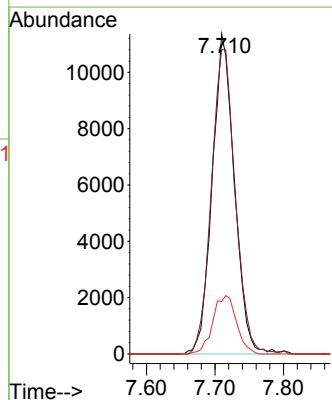
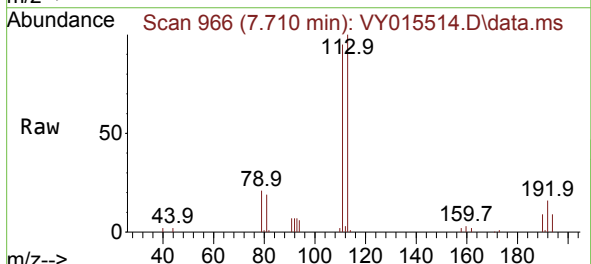
Instrument :
MSVOA_Y
ClientSampleId :

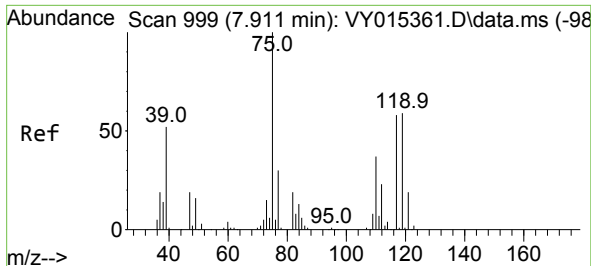
Tgt Ion:114 Resp: 80224
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 15.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.364 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Tgt Ion:113 Resp: 25582
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 19.4 16.9 25.3

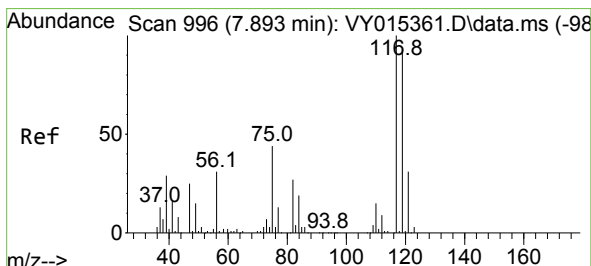
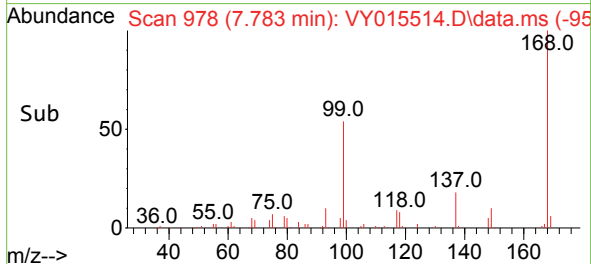
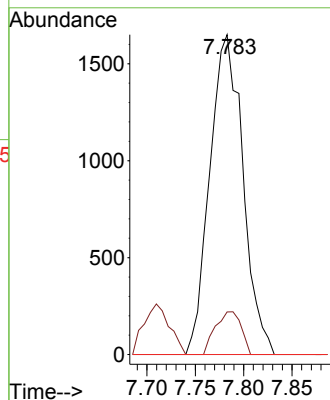
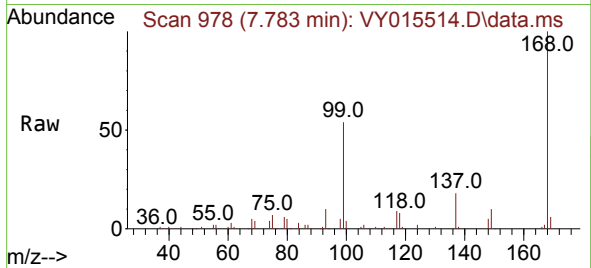




#36
1,1-Dichloropropene
Concen: 4.843 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

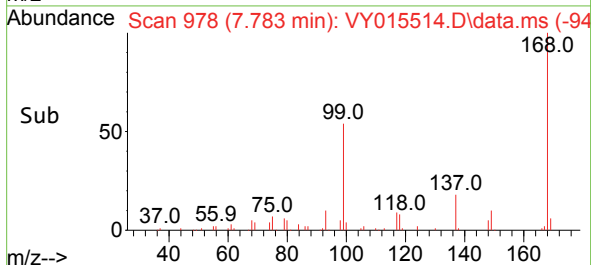
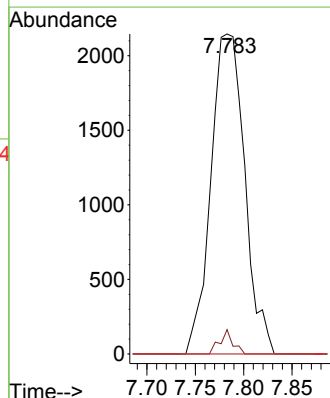
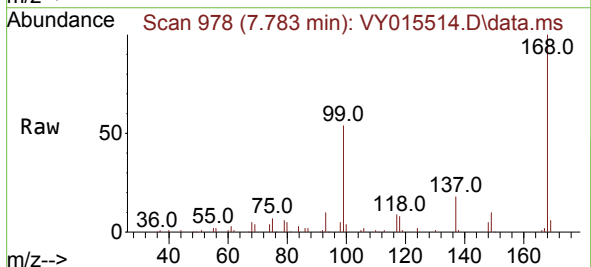
Instrument :
MSVOA_Y
ClientSampleId :

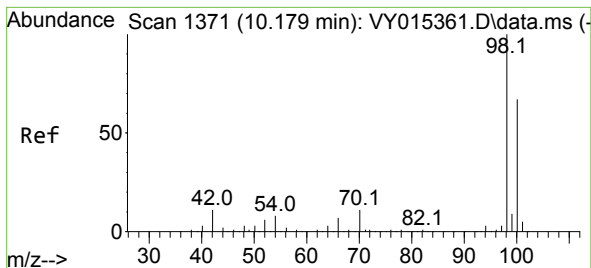
Tgt Ion: 75 Resp: 3929
Ion Ratio Lower Upper
75 100
110 10.4 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.232 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015514.D
Acq: 12 Sep 2023 17:46

Tgt Ion: 117 Resp: 5222
Ion Ratio Lower Upper
117 100
119 7.6 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 55.340 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015514.D

Acq: 12 Sep 2023 17:46

Instrument :

MSVOA_Y

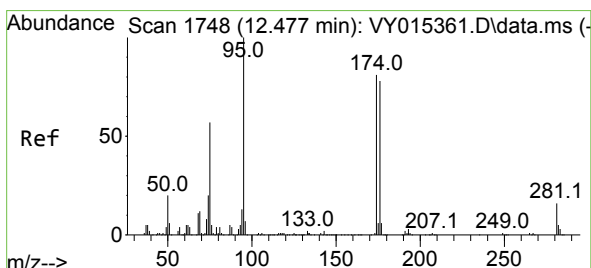
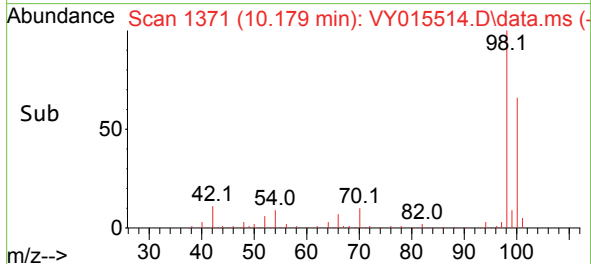
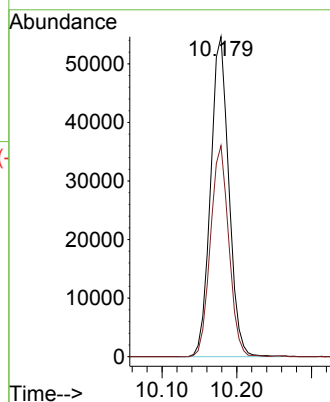
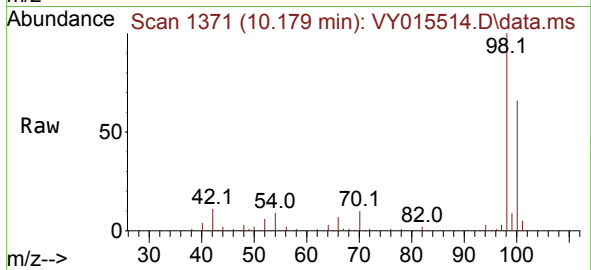
ClientSampleId :

Tgt Ion: 98 Resp: 92603

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 44.465 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY015514.D

Acq: 12 Sep 2023 17:46

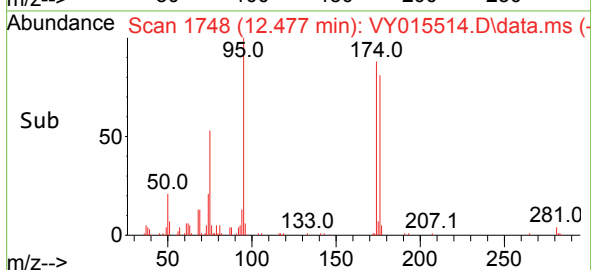
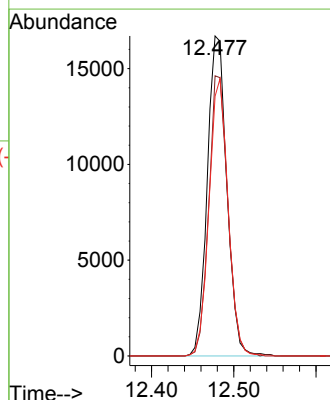
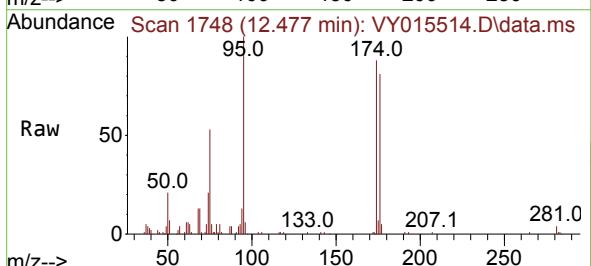
Tgt Ion: 95 Resp: 27622

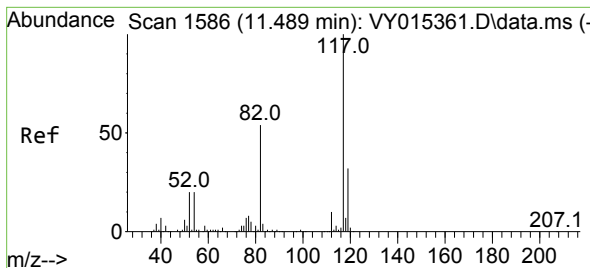
Ion Ratio Lower Upper

95 100

174 85.5 0.0 178.2

176 84.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

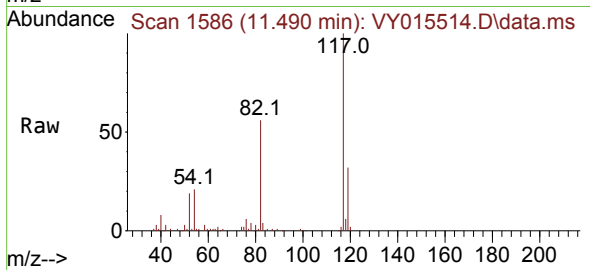
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Acq: 12 Sep 2023 17:46

Instrument :

MSVOA_Y

ClientSampleId :



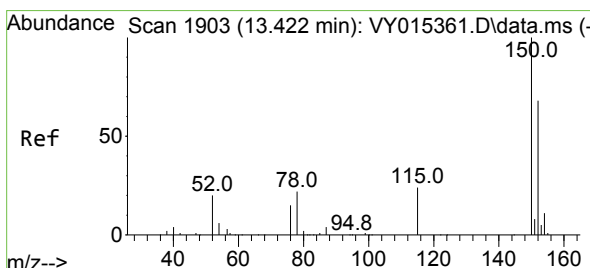
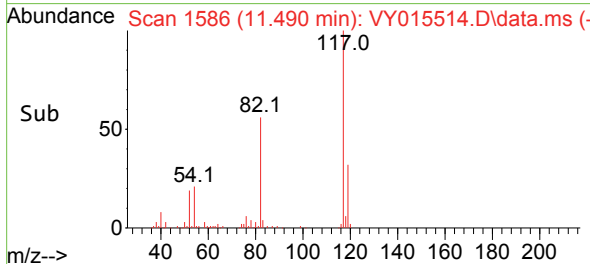
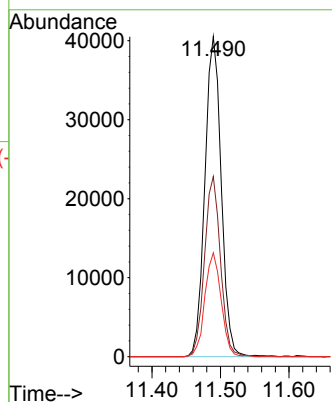
Tgt Ion:117 Resp: 67453

Ion Ratio Lower Upper

117 100

82 56.3 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: VY015514.D

Acq: 12 Sep 2023 17:46

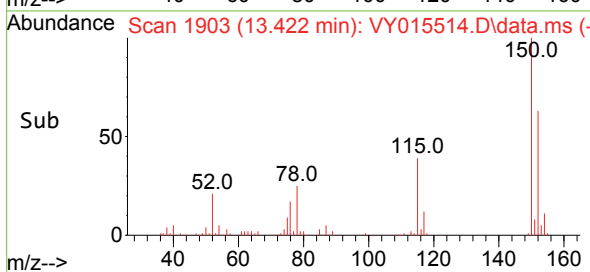
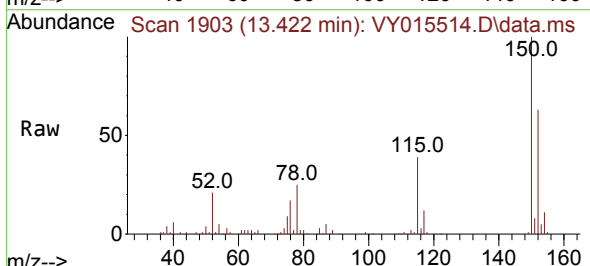
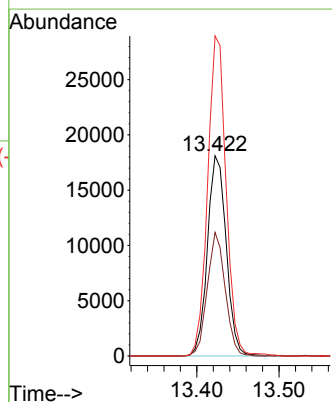
Tgt Ion:152 Resp: 28781

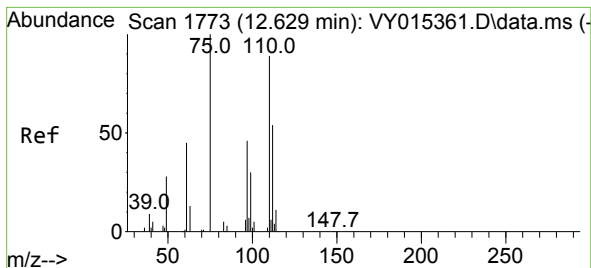
Ion Ratio Lower Upper

152 100

115 58.9 28.8 86.5

150 156.9 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 38.397 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY015514.D

Acq: 12 Sep 2023 17:46

Instrument :

MSVOA_Y

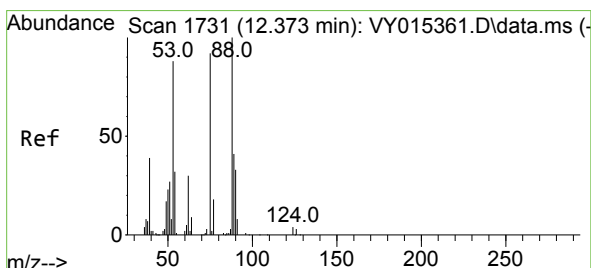
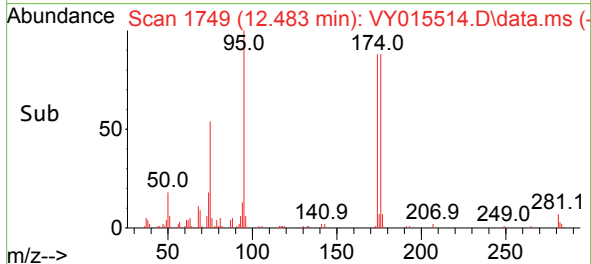
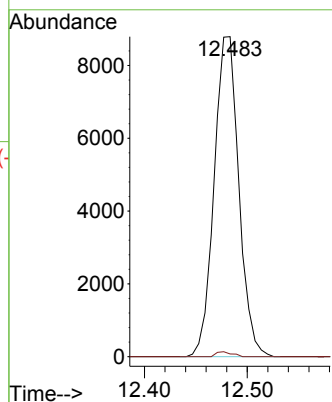
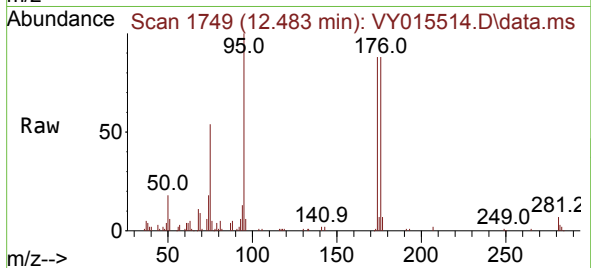
ClientSampleId :

Tgt Ion: 75 Resp: 14655

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 84.701 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY015514.D

Acq: 12 Sep 2023 17:46

Tgt Ion: 75 Resp: 14655

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

