

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015464.D
 Acq On : 07 Sep 2023 13:07
 Operator : SY/MD
 Sample : 04314-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:08:25 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

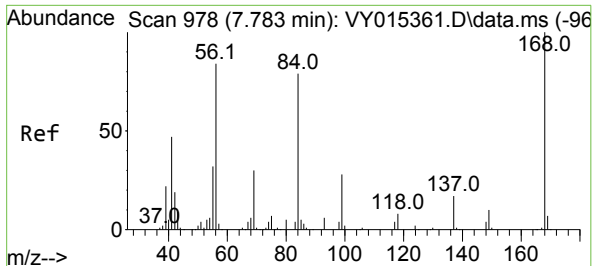
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	277910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	468385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	431148	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	219257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	178823	60.025	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 120.040%		
35) Dibromofluoromethane	7.710	113	113891	42.216	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 84.440%		
50) Toluene-d8	10.173	98	555025	56.811	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 113.620%		
62) 4-Bromofluorobenzene	12.477	95	203189	56.023	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 112.040%		
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.918	59	5576	Below Cal	#	89
13) Acrolein	3.717	56	86	11.745	ug/l #	76
16) Acetone	3.948	43	4201	3.378	ug/l	100
20) Methylene Chloride	4.704	84	12488	Below Cal		90
25) 2-Butanone	6.978	43	3567	2.022	ug/l #	69
31) Cyclohexane	7.771	56	5893	1.114	ug/l #	13
36) 1,1-Dichloropropene	7.777	75	20979	4.429	ug/l #	51
38) Carbon Tetrachloride	7.777	117	27863	5.695	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	107816	37.081	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	107816	81.797	ug/l #	11

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

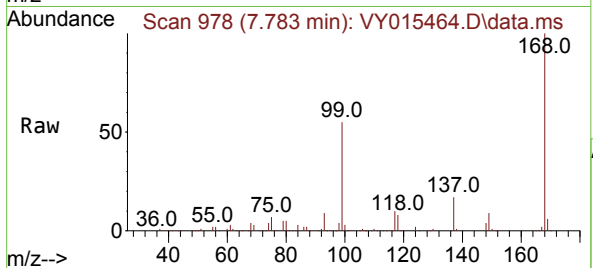
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



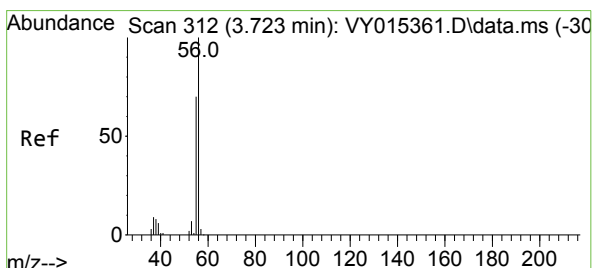
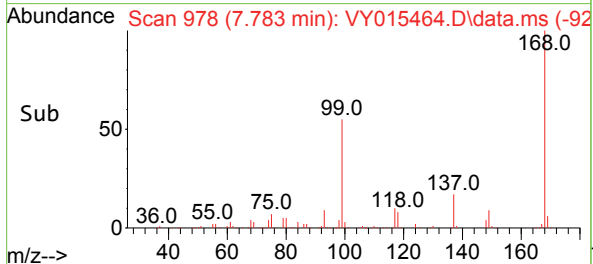
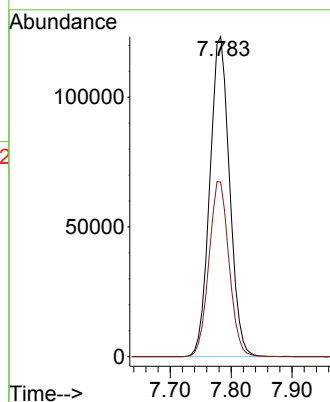


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

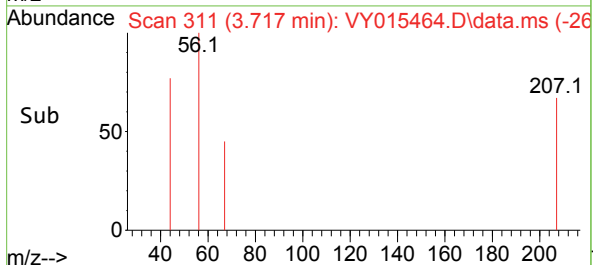
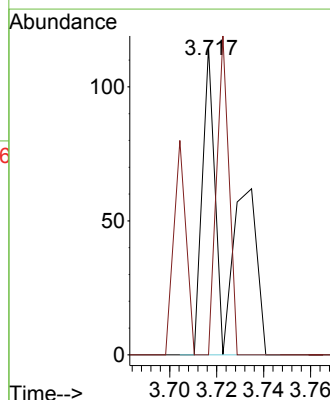
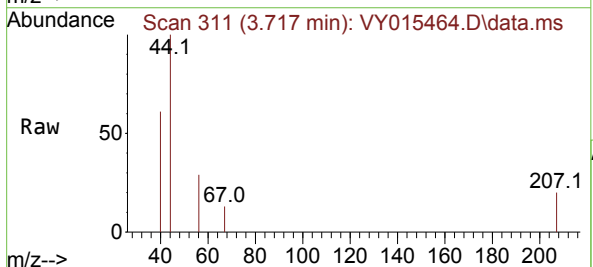


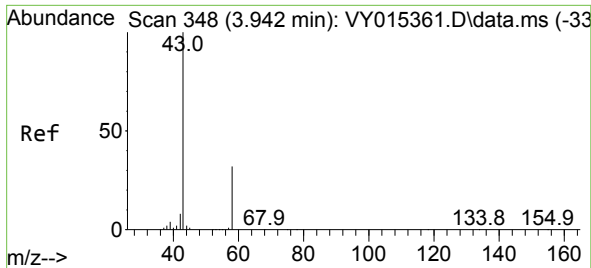
Tgt Ion:168 Resp: 277910
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#13
Acrolein
Concen: 11.745 ug/l
RT: 3.717 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

Tgt Ion: 56 Resp: 86
Ion Ratio Lower Upper
56 100
55 51.2 57.0 85.4#





#16

Acetone

Concen: 3.378 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY015464.D

Acq: 07 Sep 2023 13:07

Instrument :

MSVOA_Y

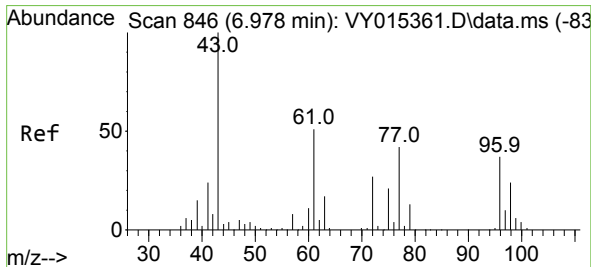
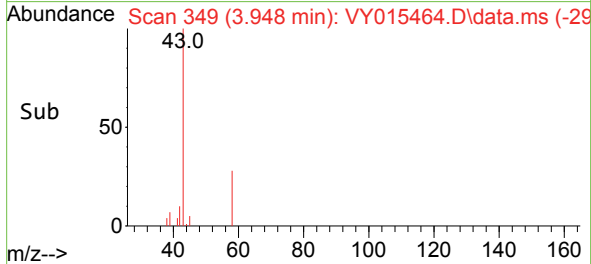
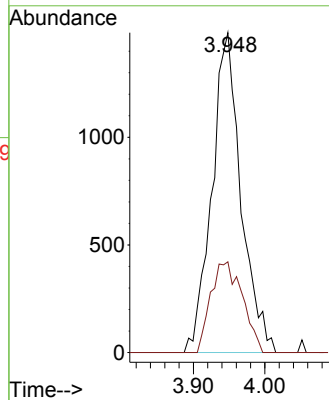
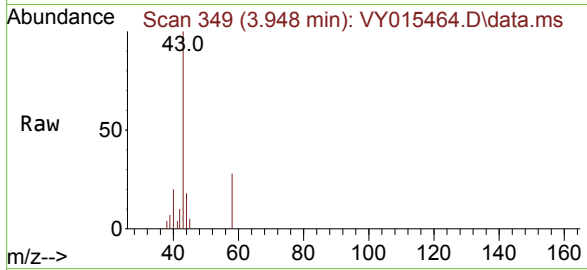
ClientSampleId :

Tgt Ion: 43 Resp: 4201

Ion Ratio Lower Upper

43 100

58 28.4 22.7 34.1



#25

2-Butanone

Concen: 2.022 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015464.D

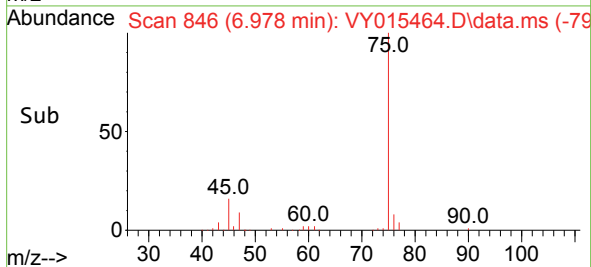
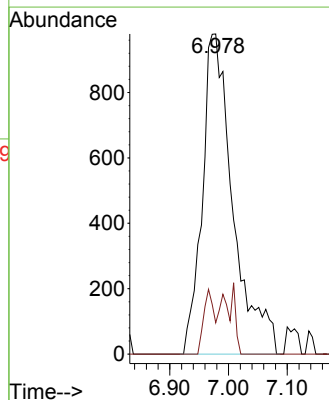
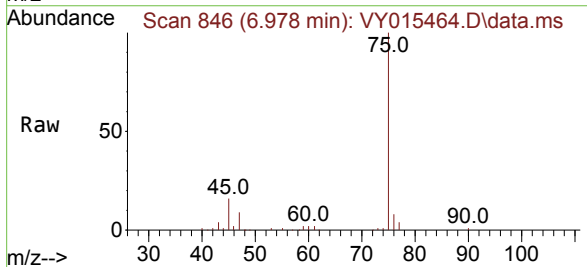
Acq: 07 Sep 2023 13:07

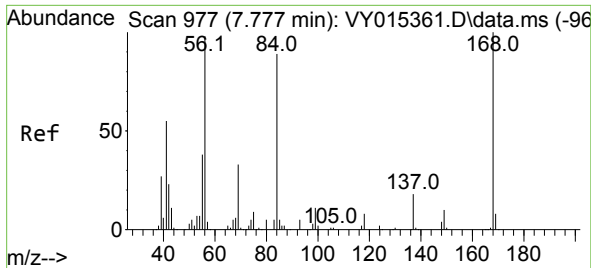
Tgt Ion: 43 Resp: 3567

Ion Ratio Lower Upper

43 100

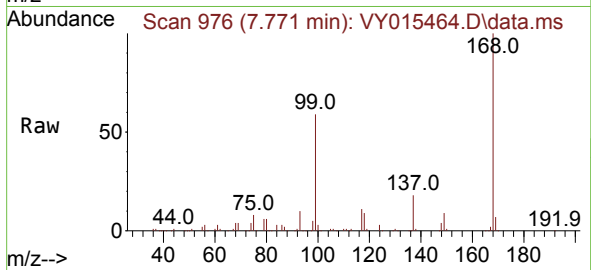
72 9.8 20.5 30.7#



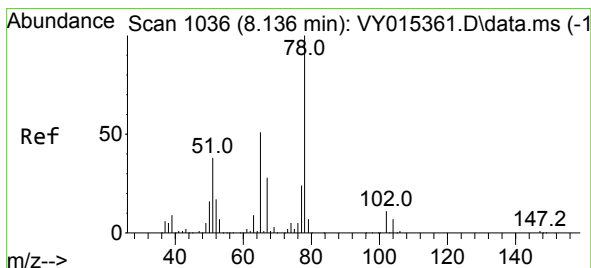
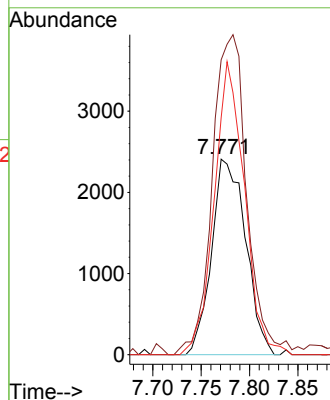
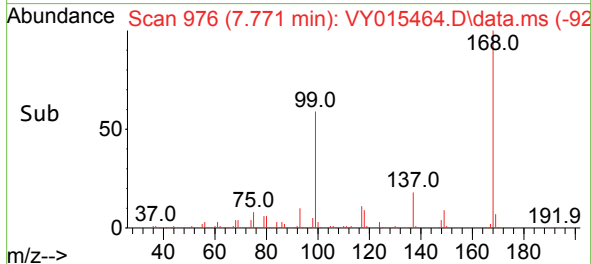


#31
Cyclohexane
Concen: 1.114 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

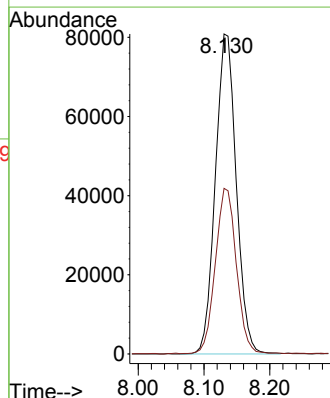
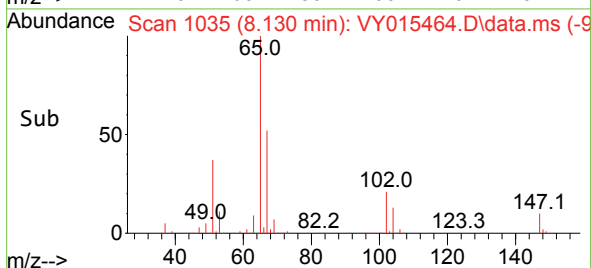
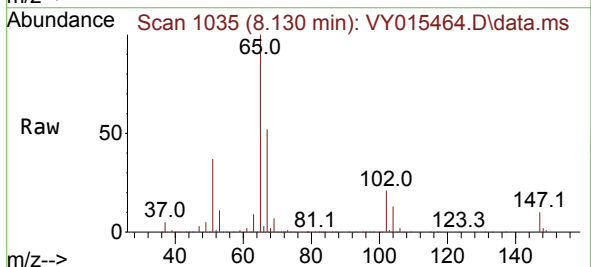


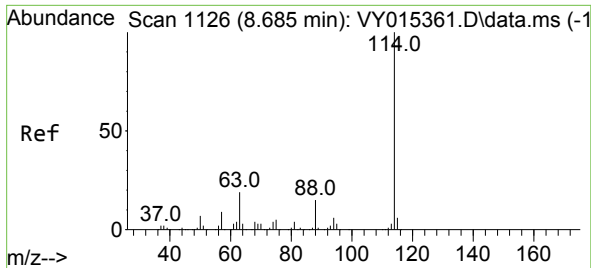
Tgt Ion: 56 Resp: 5893
Ion Ratio Lower Upper
56 100
69 147.4 27.8 41.6#
84 121.2 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 60.025 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

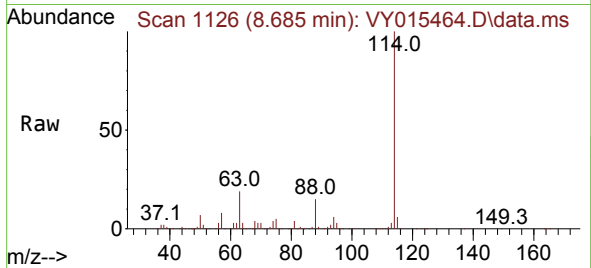
Tgt Ion: 65 Resp: 178823
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8



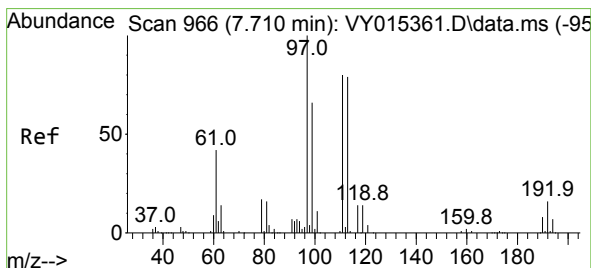
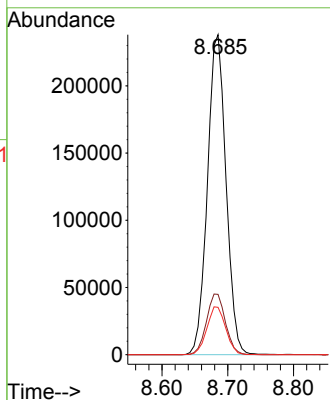
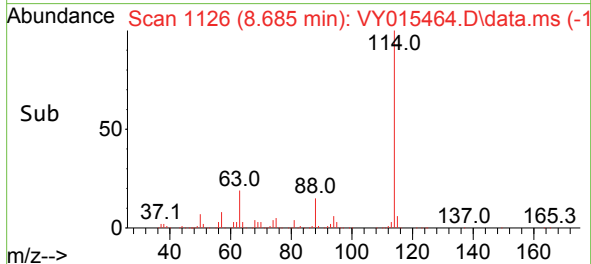


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015464.D
 Acq: 07 Sep 2023 13:07

Instrument :
 MSVOA_Y
 ClientSampleId :

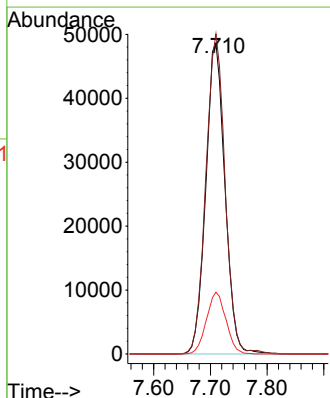
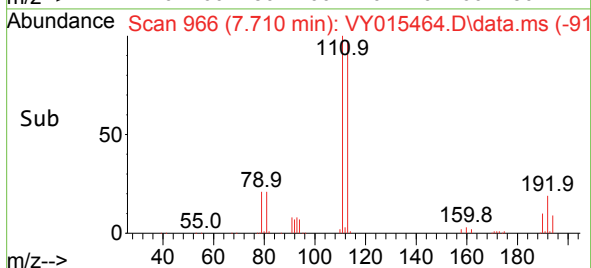
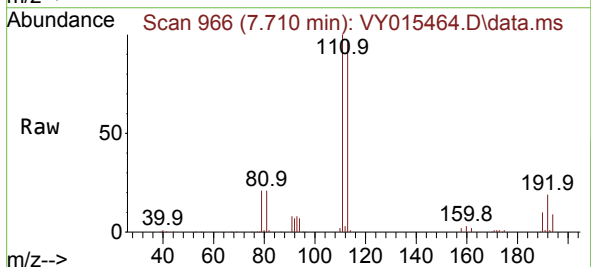


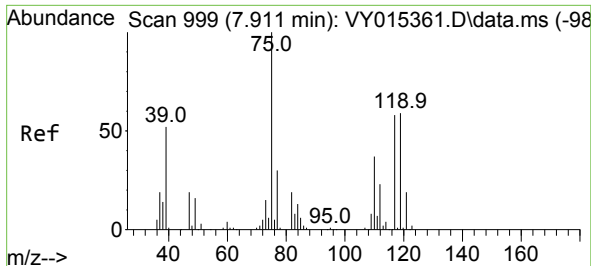
Tgt Ion:114 Resp: 468385
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 14.8 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 42.216 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY015464.D
 Acq: 07 Sep 2023 13:07

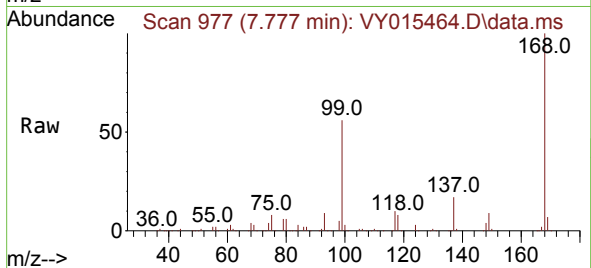
Tgt Ion:113 Resp: 113891
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.3 121.9
 192 20.2 16.9 25.3



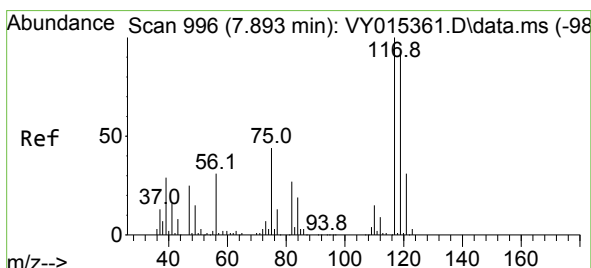
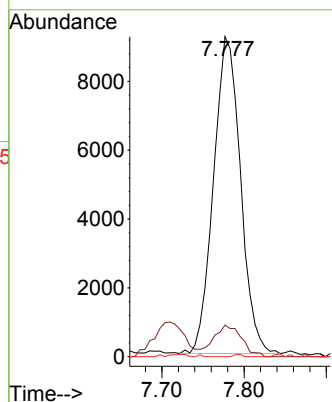
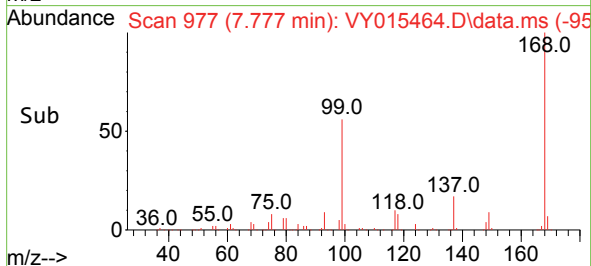


#36
1,1-Dichloropropene
Concen: 4.429 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

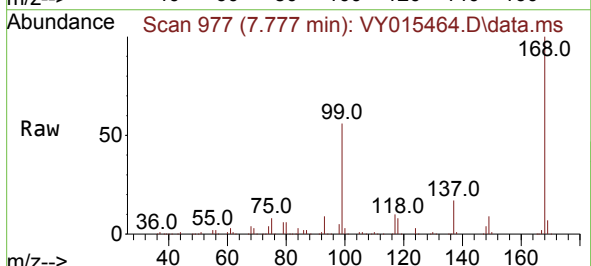
Instrument :
MSVOA_Y
ClientSampleId :



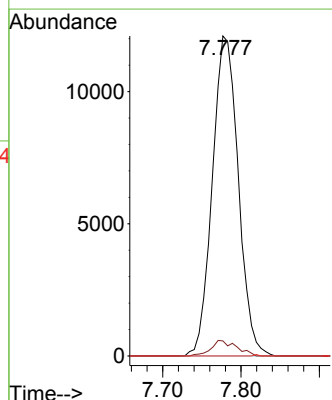
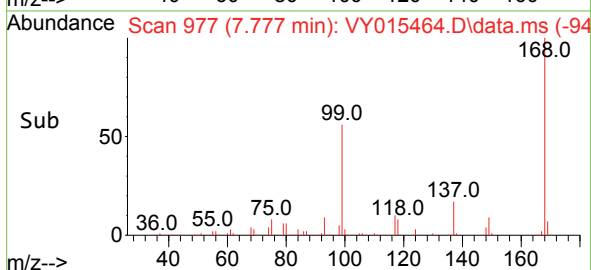
Tgt Ion: 75 Resp: 20979
Ion Ratio Lower Upper
75 100
110 10.3 17.8 53.5#
77 0.2 24.4 36.6#

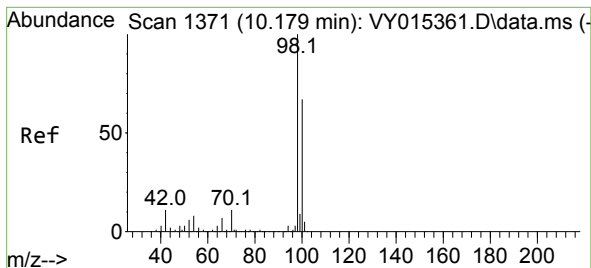


#38
Carbon Tetrachloride
Concen: 5.695 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07



Tgt Ion: 117 Resp: 27863
Ion Ratio Lower Upper
117 100
119 4.7 76.4 114.6#
121 0.0 25.8 38.6#

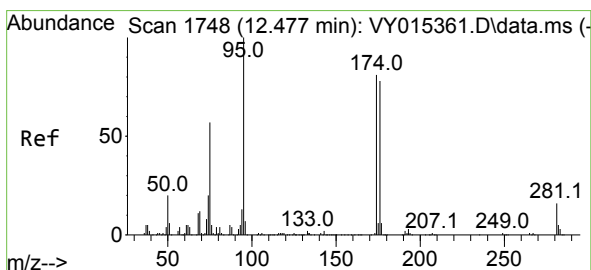
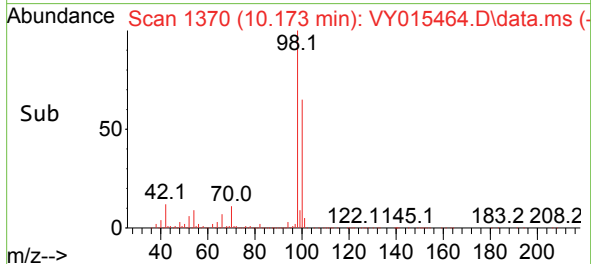
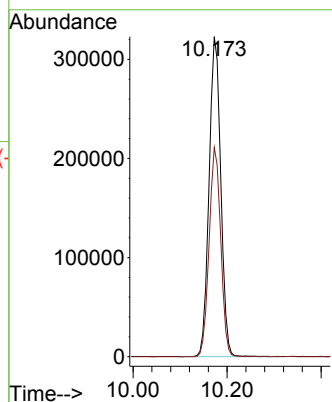
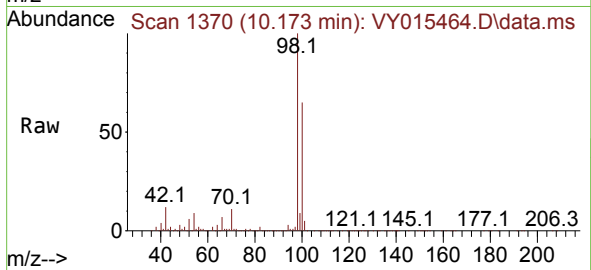




#50
Toluene-d8
Concen: 56.811 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

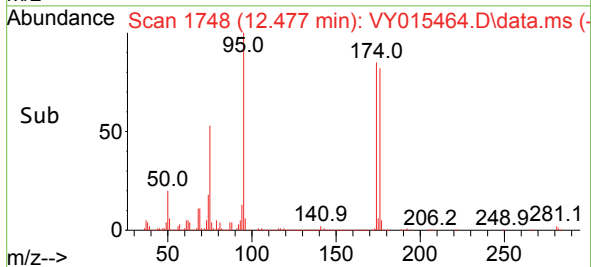
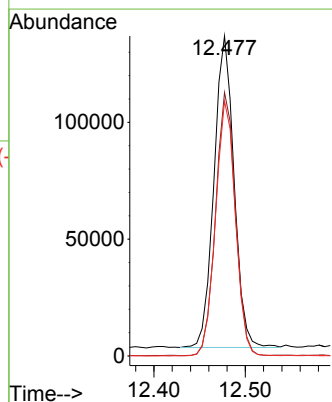
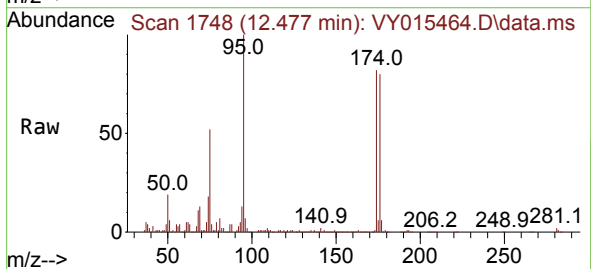
Instrument :
MSVOA_Y
ClientSampleId :

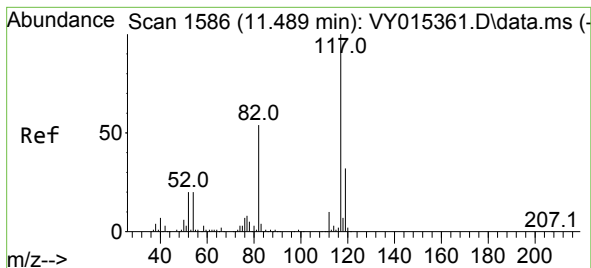
Tgt Ion: 98 Resp: 555025
Ion Ratio Lower Upper
98 100
100 64.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.023 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

Tgt Ion: 95 Resp: 203189
Ion Ratio Lower Upper
95 100
174 83.2 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

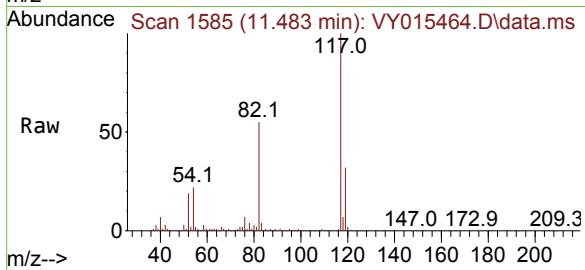
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Acq: 07 Sep 2023 13:07

Instrument :

MSVOA_Y

ClientSampleId :



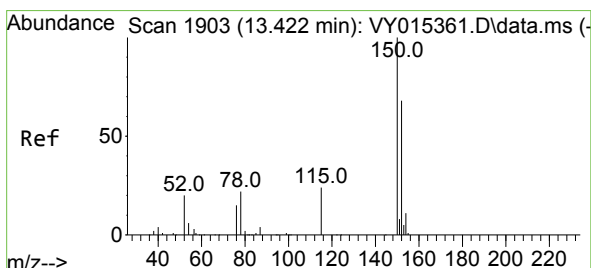
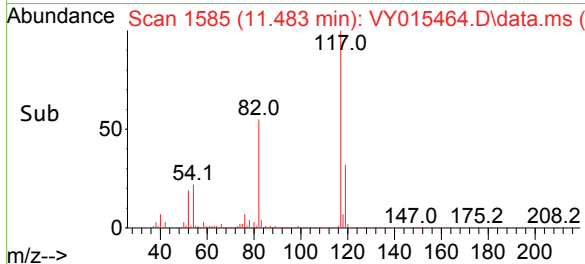
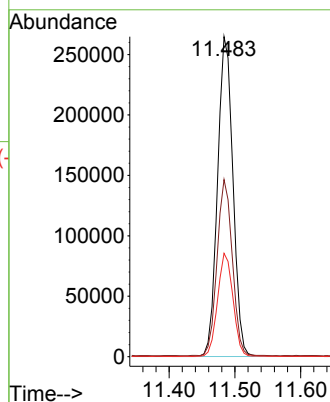
Tgt Ion:117 Resp: 431148

Ion Ratio Lower Upper

117 100

82 55.1 43.4 65.0

119 32.3 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: VY015464.D

Acq: 07 Sep 2023 13:07

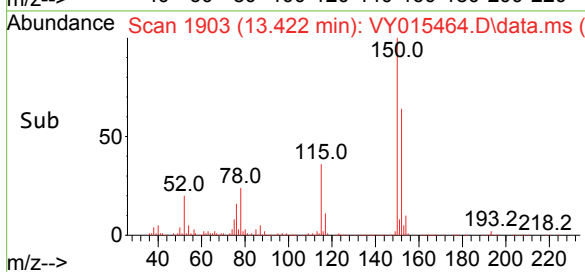
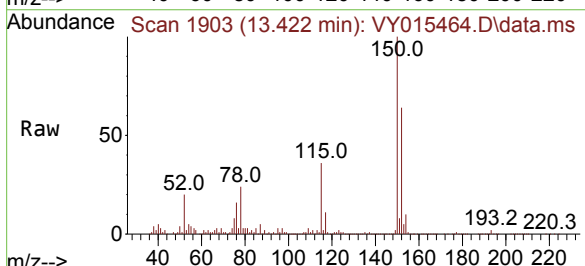
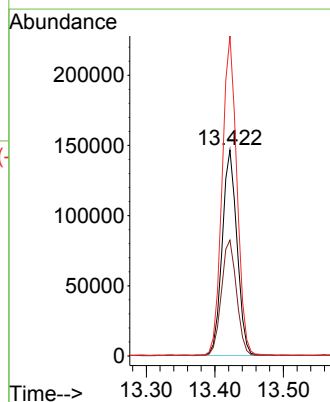
Tgt Ion:152 Resp: 219257

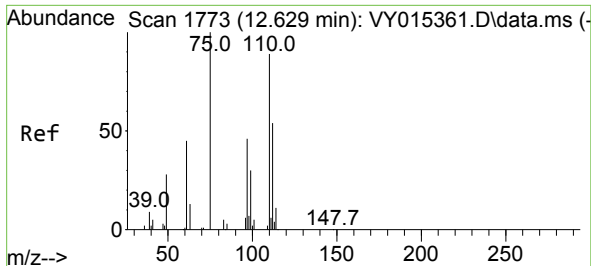
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 154.8 0.0 348.8

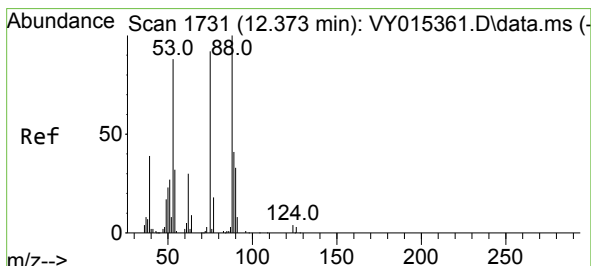
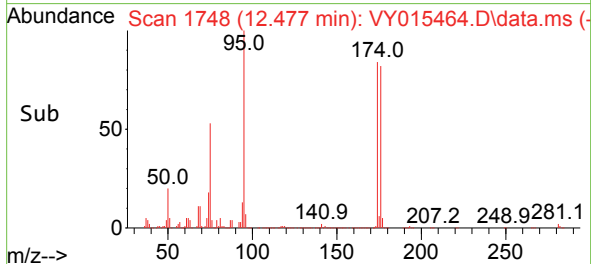
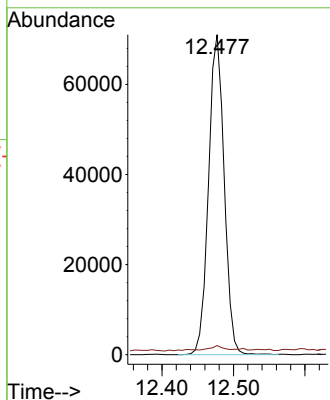
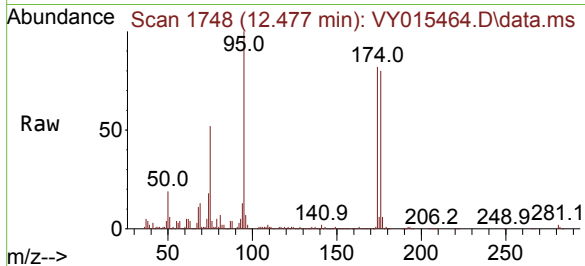




#76
1,2,3-Trichloropropane
Concen: 37.081 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 107816
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.797 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015464.D
Acq: 07 Sep 2023 13:07

Tgt Ion: 75 Resp: 107816
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.1 37.4 56.0#

