

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091823\
 Data File : VY015622.D
 Acq On : 18 Sep 2023 18:10
 Operator : SY/MD
 Sample : 04419-19
 Misc : 5.68g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 19 02:05:45 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)

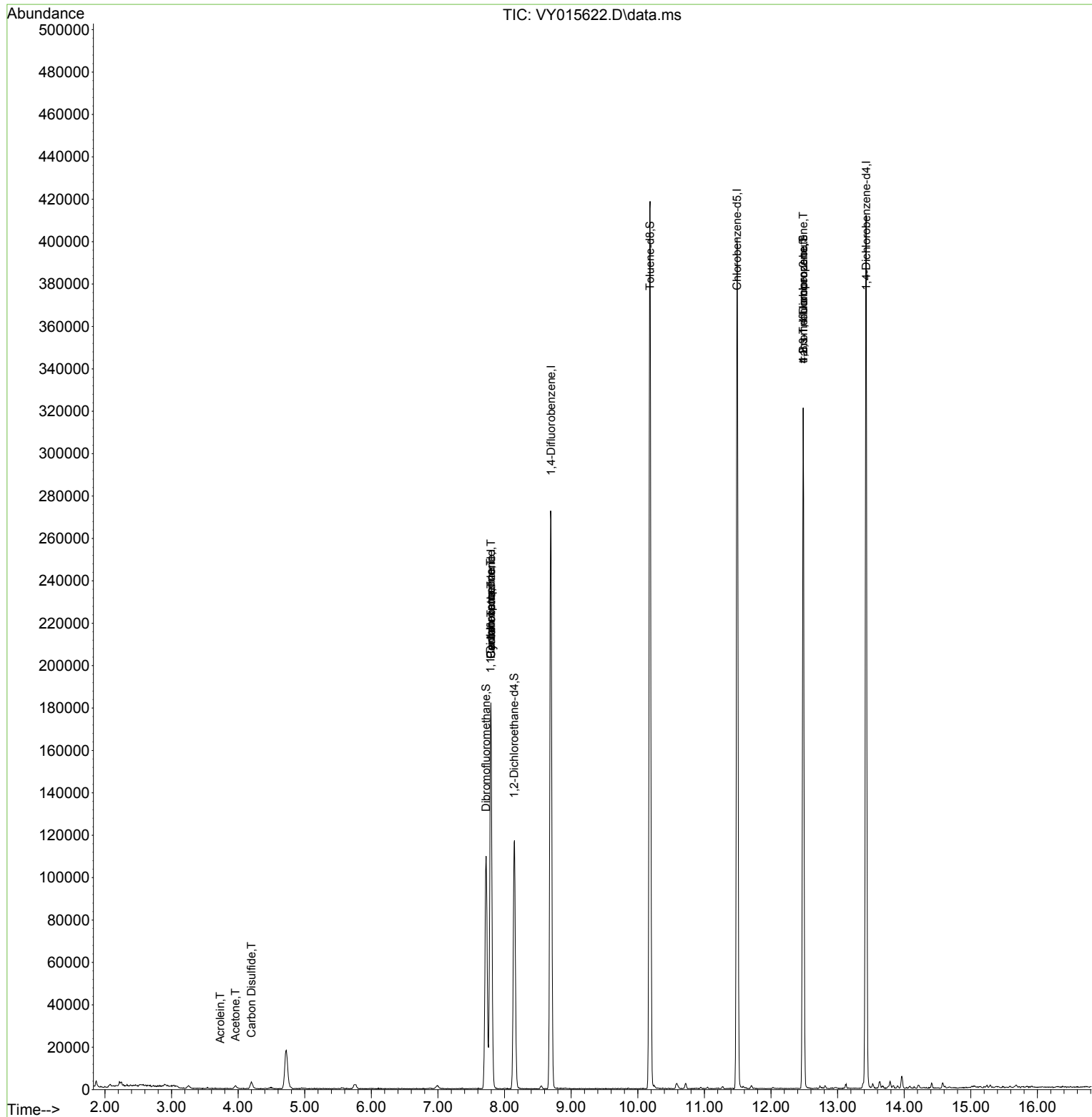
Internal Standards						
1) Pentafluorobenzene	7.795	168	140845	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	239508	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.490	117	218500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	92341	61.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.320%	
35) Dibromofluoromethane	7.722	113	76813	55.681	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.185	98	282540	56.556	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.120%	
62) 4-Bromofluorobenzene	12.483	95	95657	51.578	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.160%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	207	Below Cal	#	89
13) Acrolein	3.729	56	40	11.737	ug/l #	14
16) Acetone	3.960	43	2371	3.762	ug/l #	65
17) Carbon Disulfide	4.198	76	6108	1.459	ug/l	97
31) Cyclohexane	7.795	56	2976	1.110	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10813	4.464	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14125	5.646	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51599	37.579	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51599	82.896	ug/l #	10

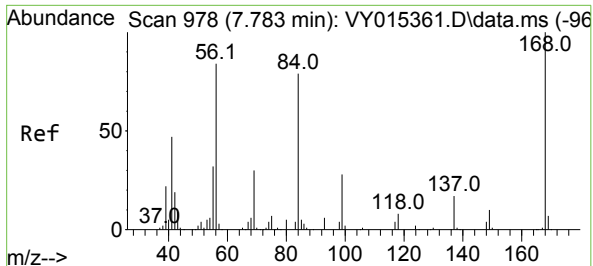
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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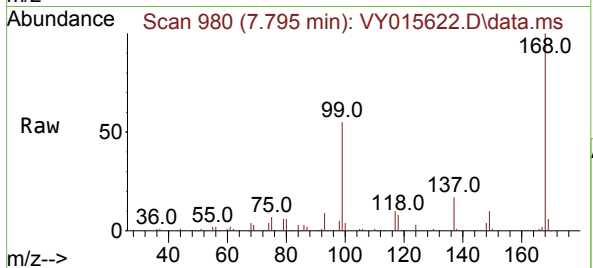
Quant Time: Sep 19 02:05:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
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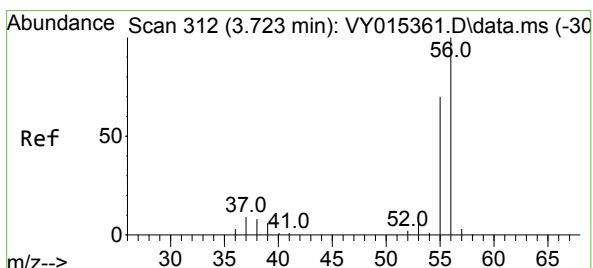
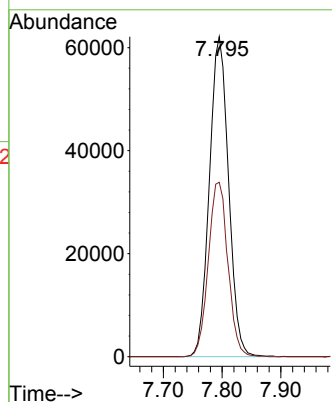
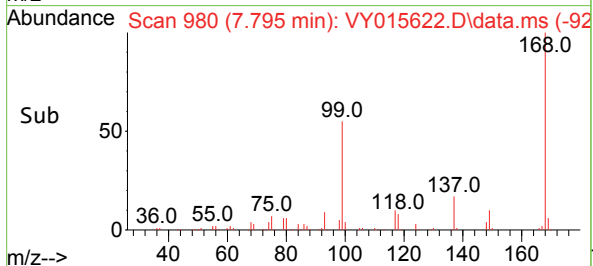


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

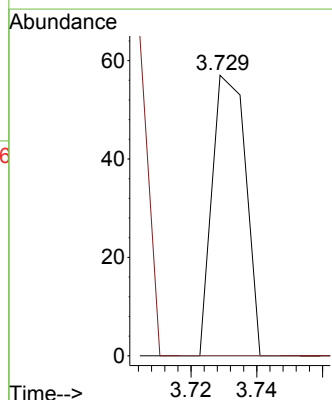
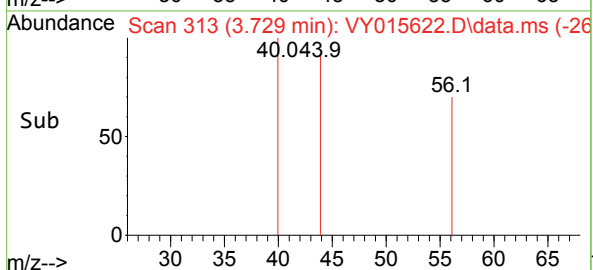
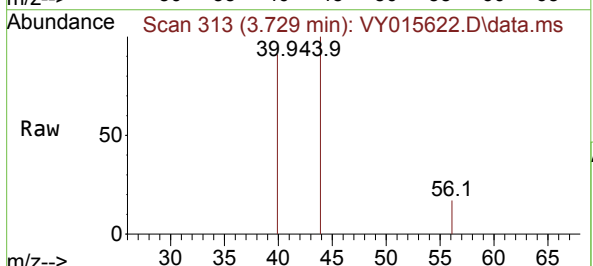


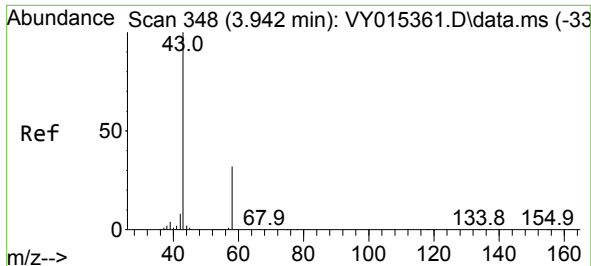
Tgt Ion:168 Resp: 140845
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#13
Acrolein
Concen: 11.737 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.006 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.4#





#16

Acetone

Concen: 3.762 ug/l

RT: 3.960 min Scan# 3

Delta R.T. 0.018 min

Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

Instrument :

MSVOA_Y

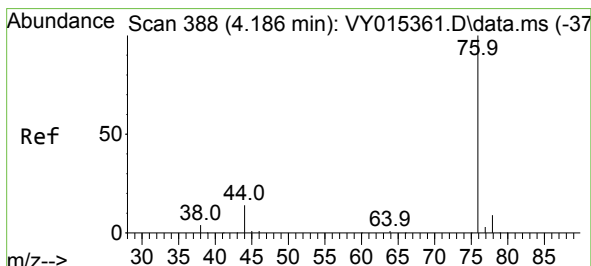
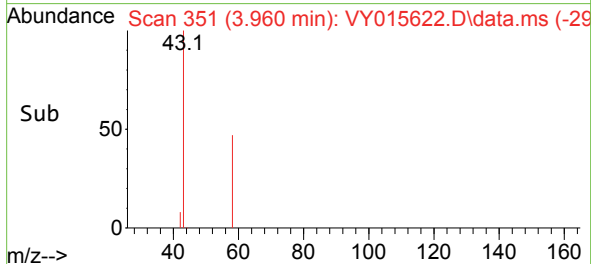
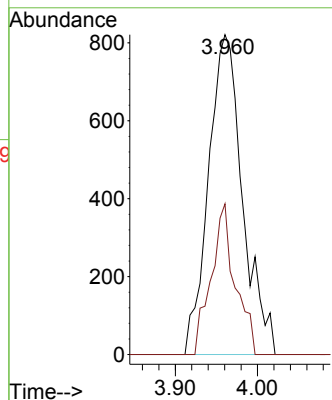
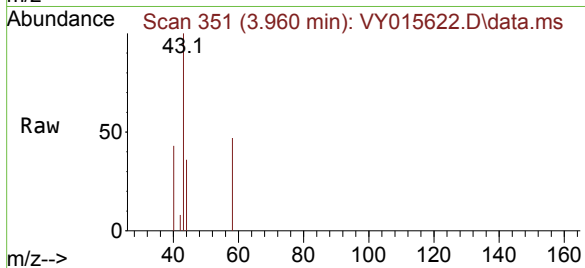
ClientSampleId :

Tgt Ion: 43 Resp: 2371

Ion Ratio Lower Upper

43 100

58 47.1 22.7 34.1#



#17

Carbon Disulfide

Concen: 1.459 ug/l

RT: 4.198 min Scan# 390

Delta R.T. 0.012 min

Lab File: VY015622.D

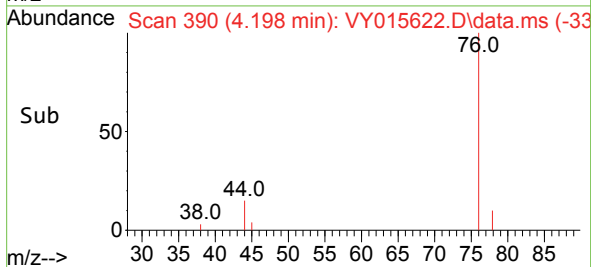
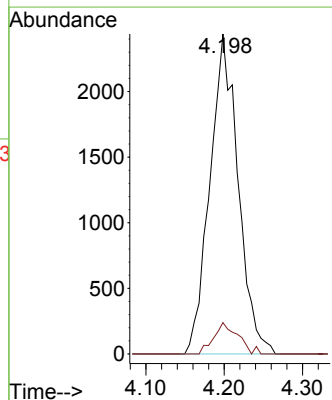
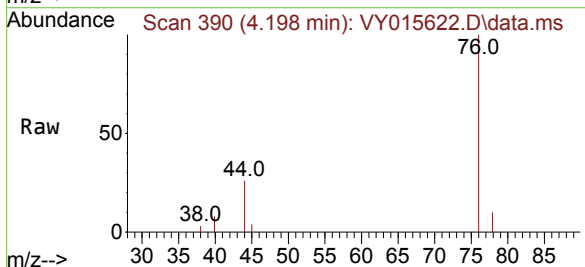
Acq: 18 Sep 2023 18:10

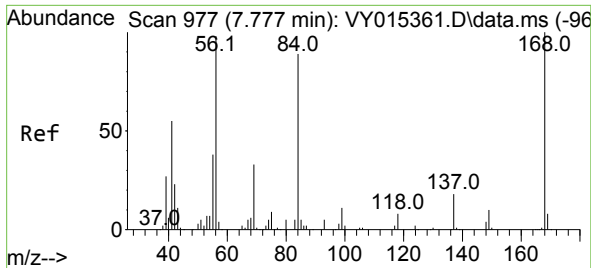
Tgt Ion: 76 Resp: 6108

Ion Ratio Lower Upper

76 100

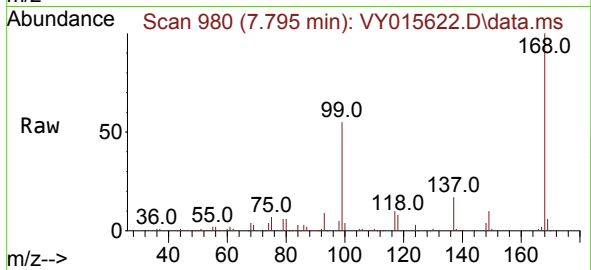
78 9.8 7.0 10.4



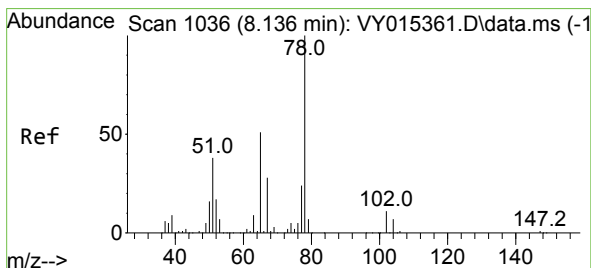
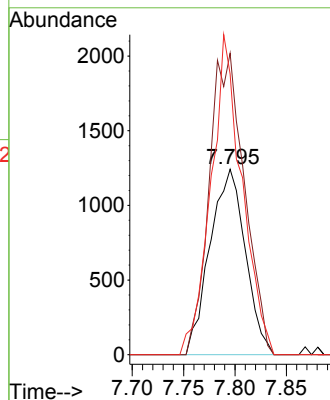
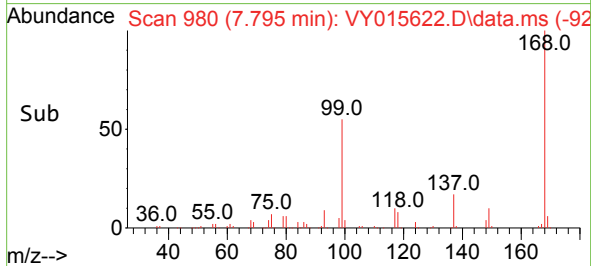


#31
Cyclohexane
Concen: 1.110 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

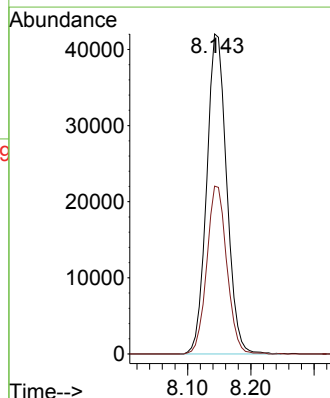
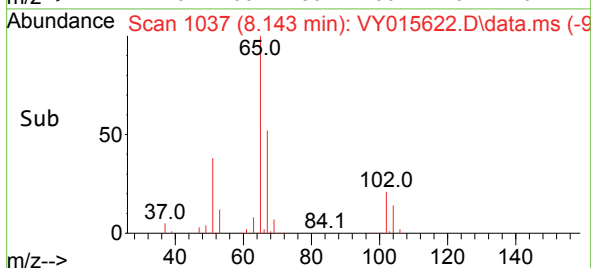
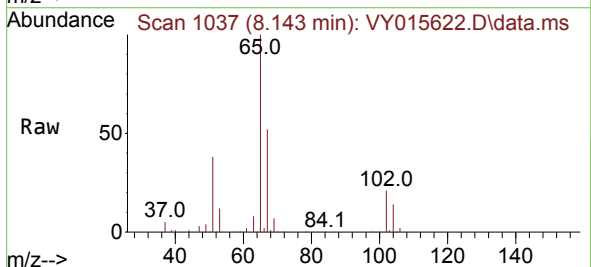


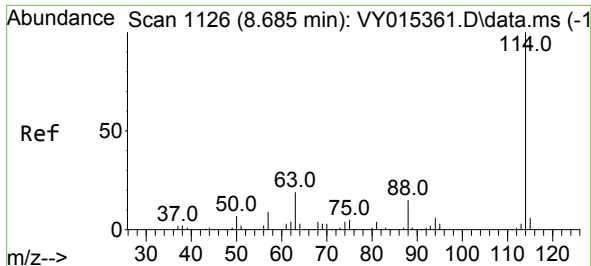
Tgt Ion: 56 Resp: 2976
Ion Ratio Lower Upper
56 100
69 162.6 27.8 41.6#
84 151.4 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 61.160 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 65 Resp: 92341
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :

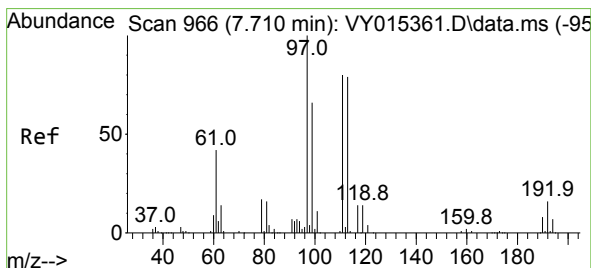
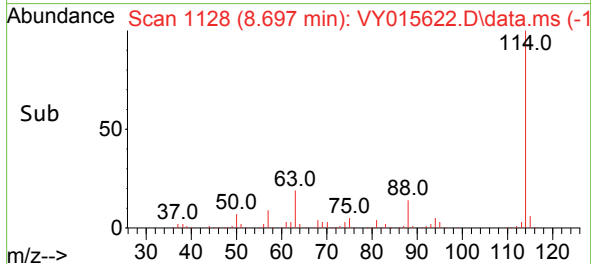
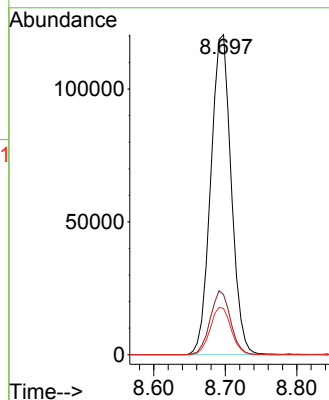
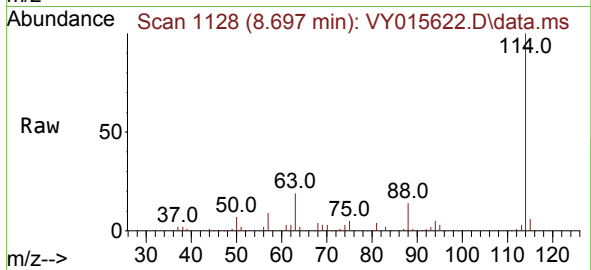
Tgt Ion:114 Resp: 239508

Ion Ratio Lower Upper

114 100

63 18.7 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.681 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

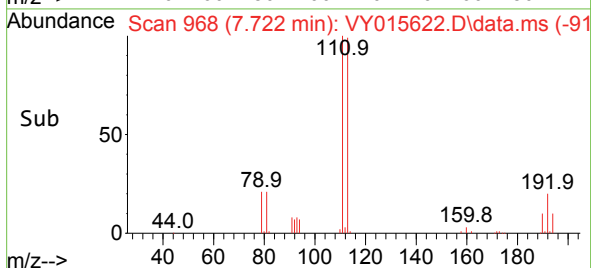
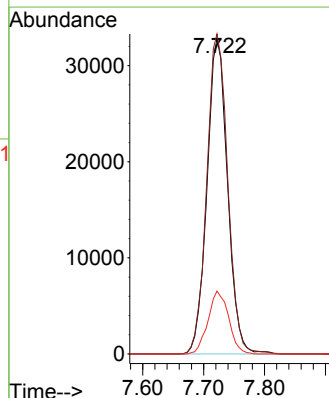
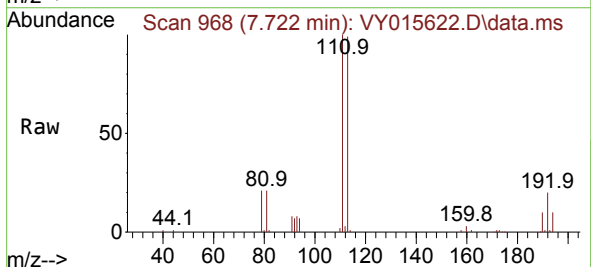
Tgt Ion:113 Resp: 76813

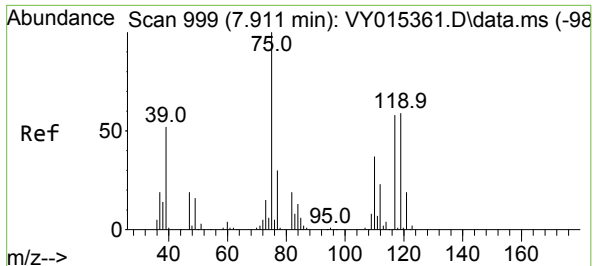
Ion Ratio Lower Upper

113 100

111 103.9 81.3 121.9

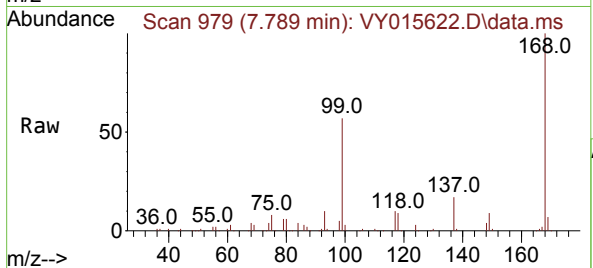
192 20.1 16.9 25.3



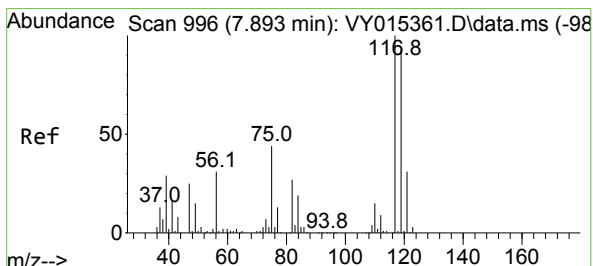
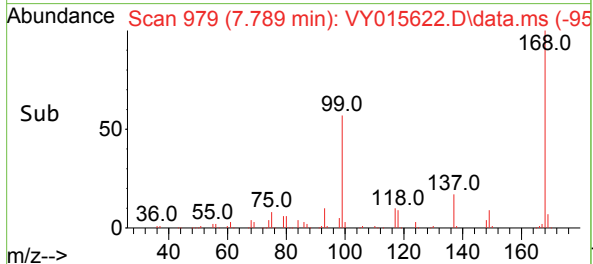
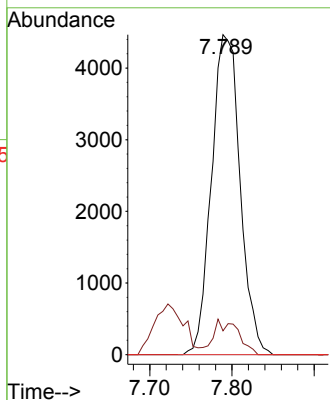


#36
1,1-Dichloropropene
Concen: 4.464 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

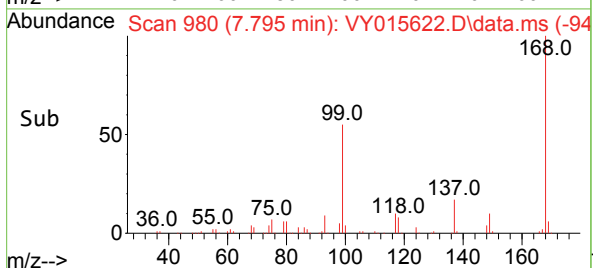
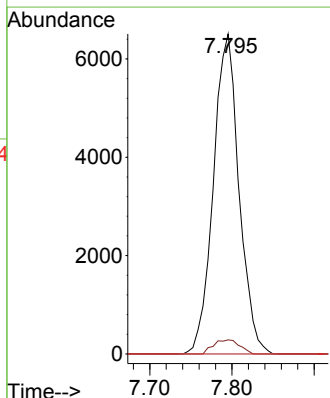
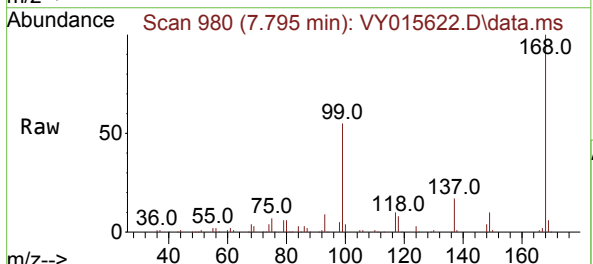


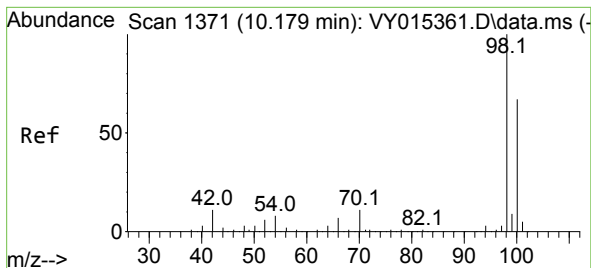
Tgt Ion: 75 Resp: 10813
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.646 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.097 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 117 Resp: 14125
Ion Ratio Lower Upper
117 100
119 4.4 76.4 114.6#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 56.556 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

Instrument :

MSVOA_Y

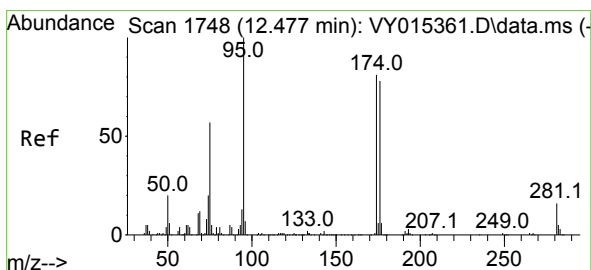
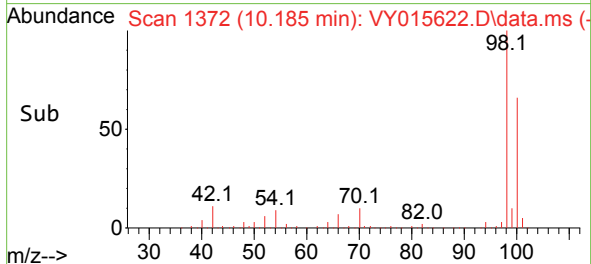
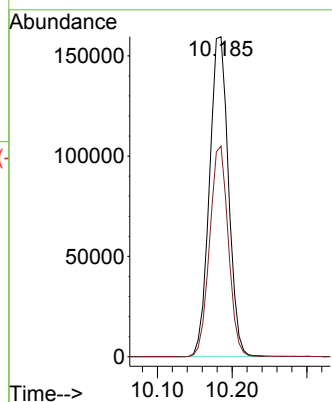
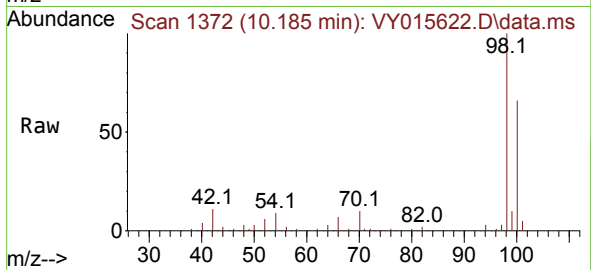
ClientSampleId :

Tgt Ion: 98 Resp: 282540

Ion Ratio Lower Upper

98 100

100 64.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 51.578 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

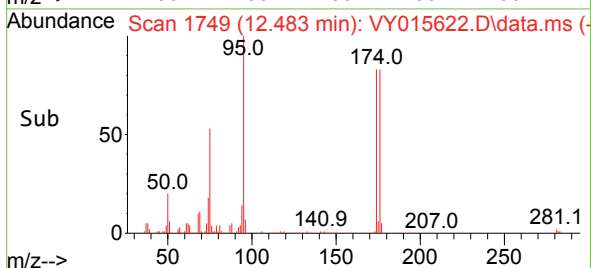
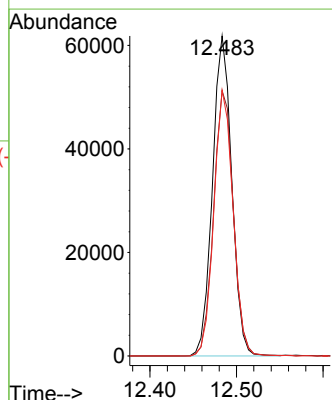
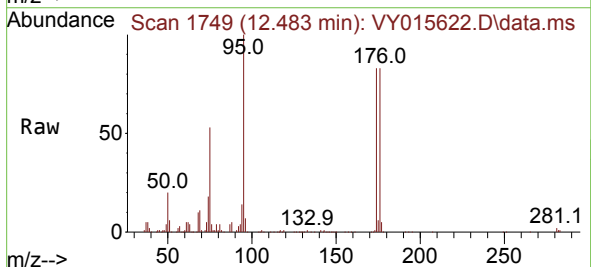
Tgt Ion: 95 Resp: 95657

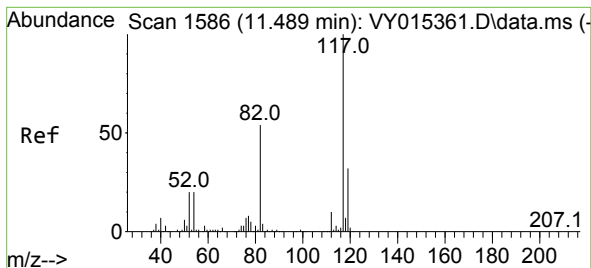
Ion Ratio Lower Upper

95 100

174 84.9 0.0 178.2

176 82.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

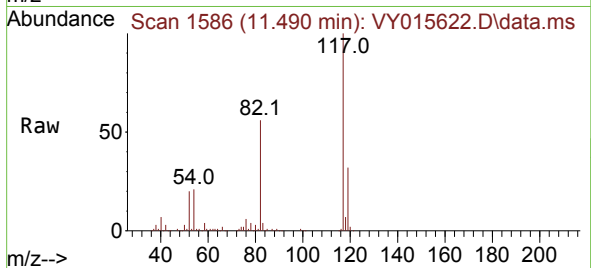
Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

Instrument :

MSVOA_Y

ClientSampleId :



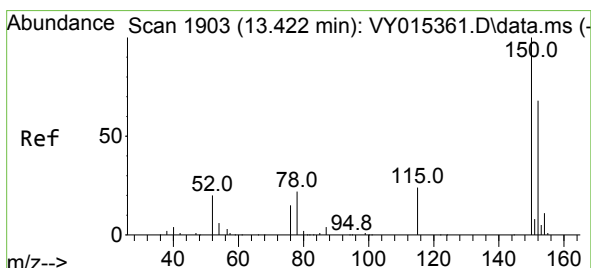
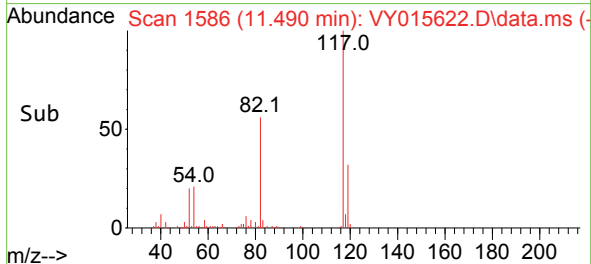
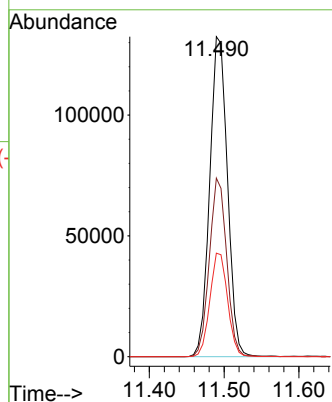
Tgt Ion:117 Resp: 218500

Ion Ratio Lower Upper

117 100

82 55.8 43.4 65.0

119 32.4 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015622.D

Acq: 18 Sep 2023 18:10

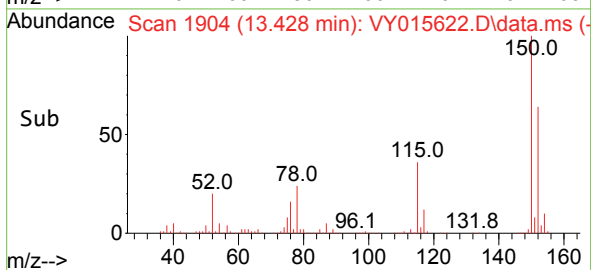
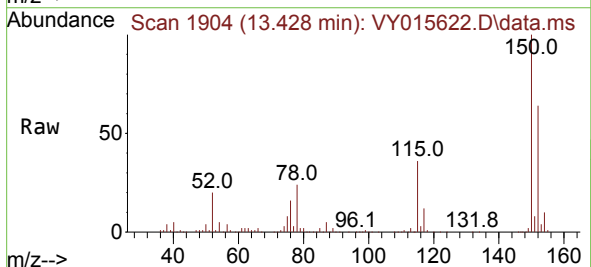
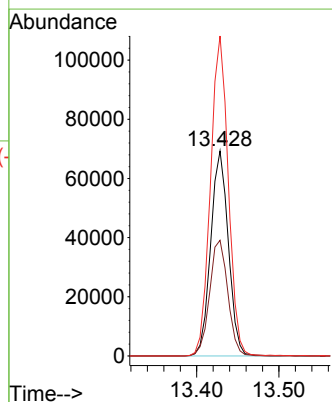
Tgt Ion:152 Resp: 103542

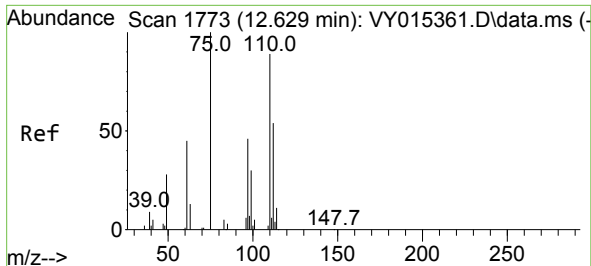
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

150 157.1 0.0 348.8

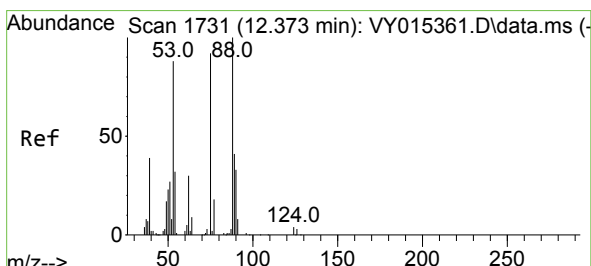
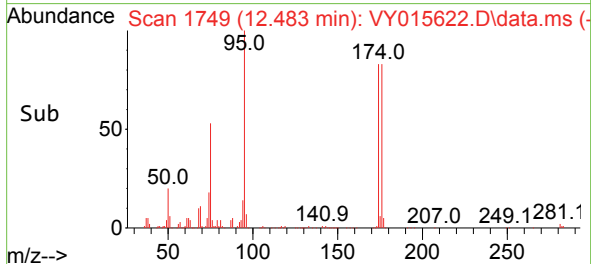
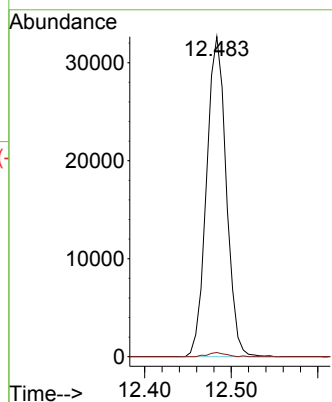
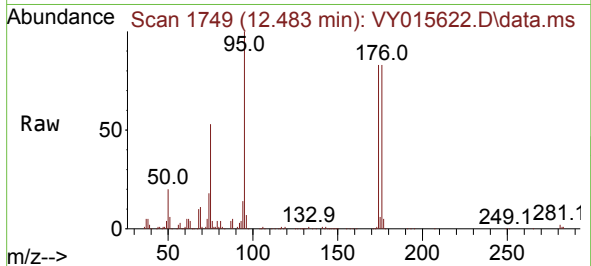




#76
1,2,3-Trichloropropane
Concen: 37.579 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 51599
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.896 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015622.D
Acq: 18 Sep 2023 18:10

Tgt Ion: 75 Resp: 51599
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

