

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091123\
 Data File : VY015488.D
 Acq On : 11 Sep 2023 15:40
 Operator : SY/MD
 Sample : 04363-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 12 01:18:57 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)

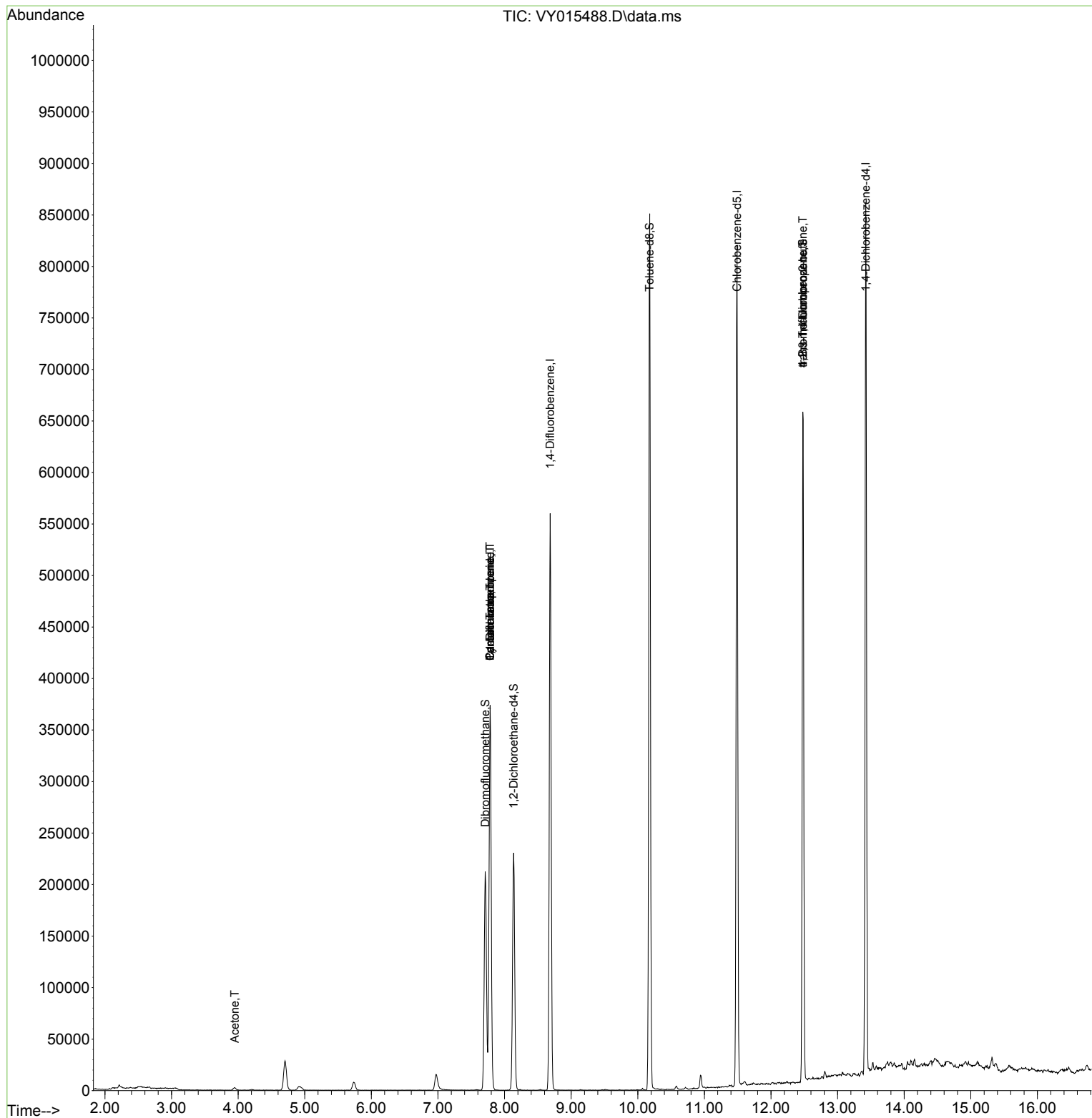
Internal Standards						
1) Pentafluorobenzene	7.783	168	289188	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	477557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	437452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	213672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	181235	58.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.920%	
35) Dibromofluoromethane	7.710	113	148181	53.872	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.740%	
50) Toluene-d8	10.179	98	559759	56.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.380%	
62) 4-Bromofluorobenzene	12.477	95	200415	54.197	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	5555	Below Cal	#	89
16) Acetone	3.948	43	4480	3.462	ug/l	96
20) Methylene Chloride	4.710	84	21837	Below Cal		89
31) Cyclohexane	7.783	56	5746	1.043	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	22332	4.624	ug/l #	50
38) Carbon Tetrachloride	7.783	117	29054	5.824	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	108176	38.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	108176	84.215	ug/l #	11

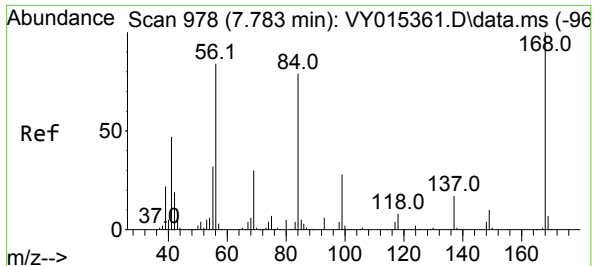
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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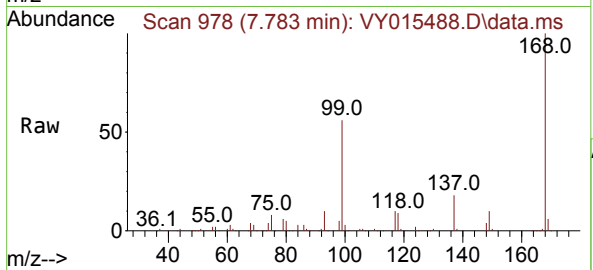
Quant Time: Sep 12 01:18:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration



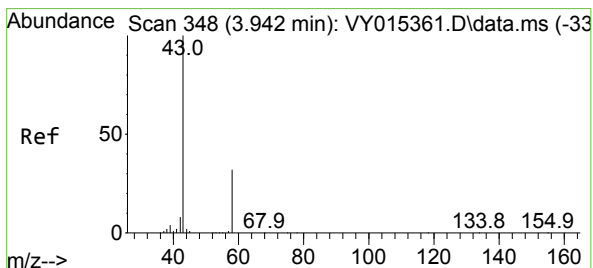
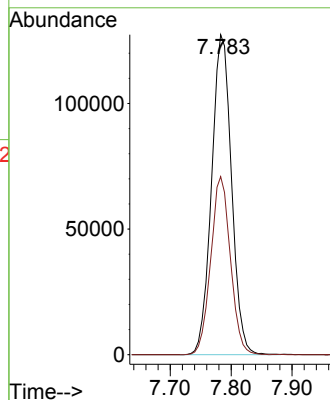
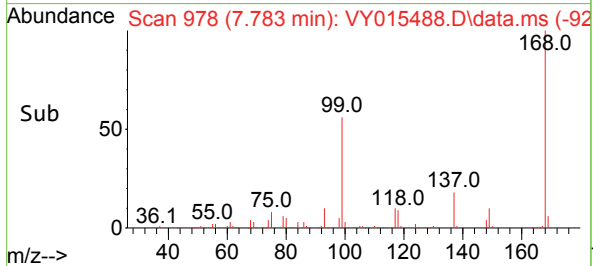


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

Instrument :
MSVOA_Y
ClientSampleId :

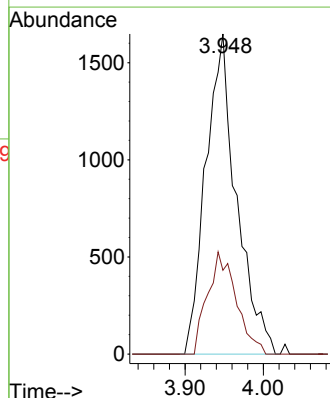
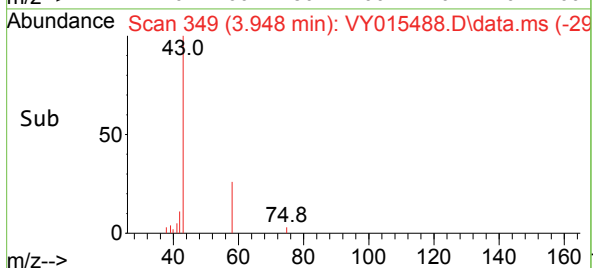
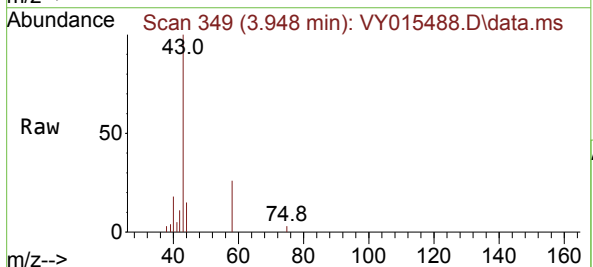


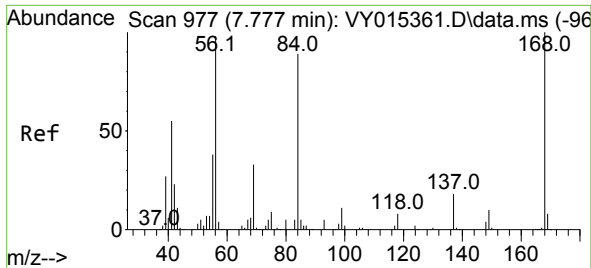
Tgt Ion:168 Resp: 289188
Ion Ratio Lower Upper
168 100
99 55.7 43.4 65.0



#16
Acetone
Concen: 3.462 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

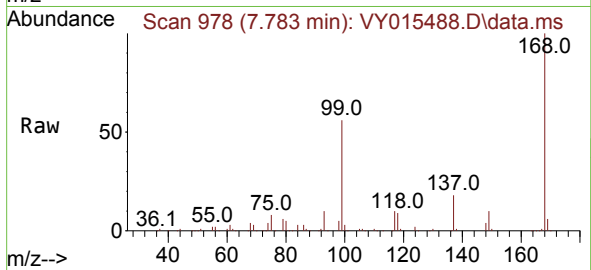
Tgt Ion: 43 Resp: 4480
Ion Ratio Lower Upper
43 100
58 26.2 22.7 34.1



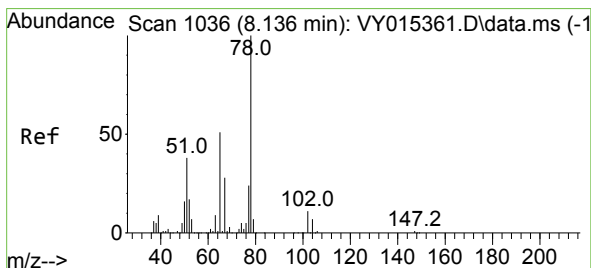
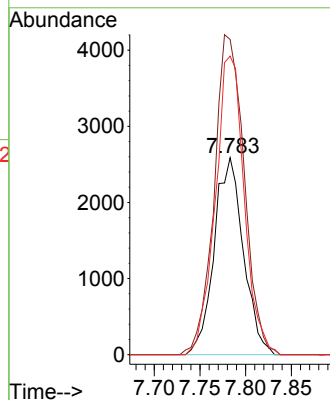
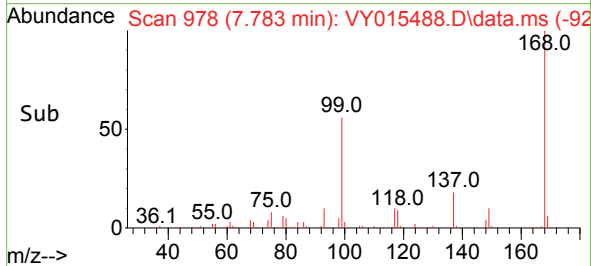


#31
Cyclohexane
Concen: 1.043 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

Instrument :
MSVOA_Y
ClientSampleId :

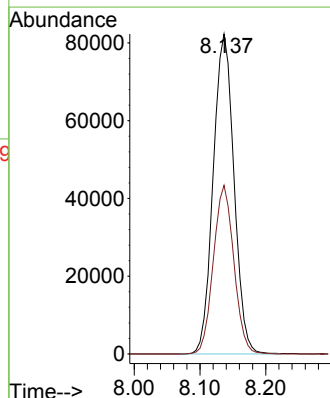
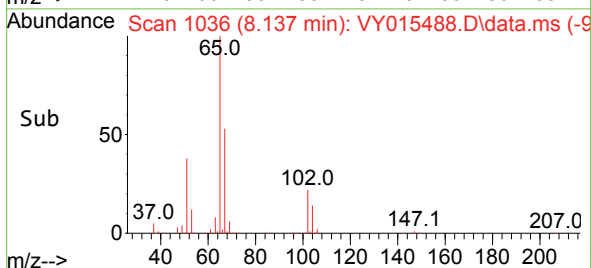
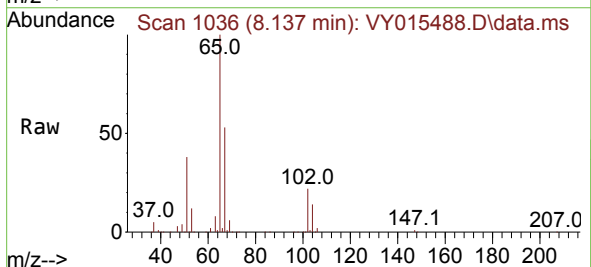


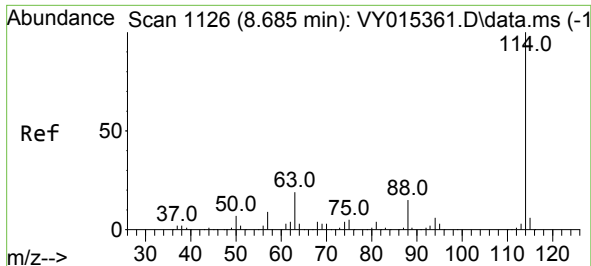
Tgt Ion: 56 Resp: 5746
Ion Ratio Lower Upper
56 100
69 160.0 27.8 41.6#
84 151.6 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 58.462 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

Tgt Ion: 65 Resp: 181235
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.8

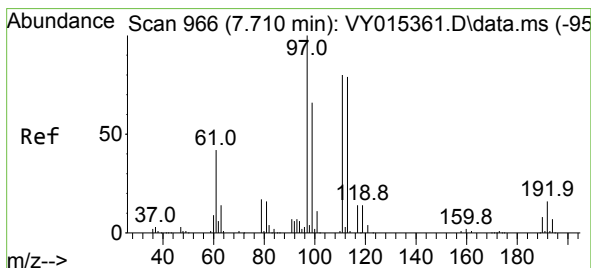
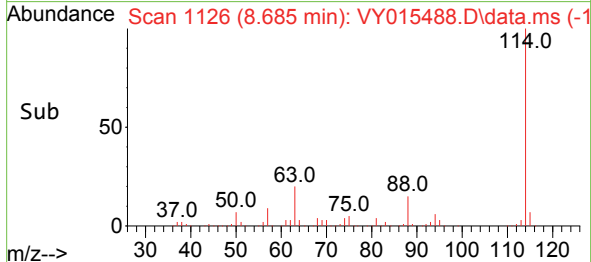
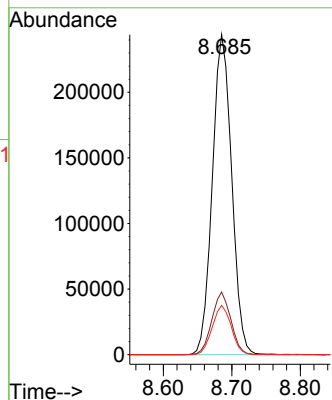
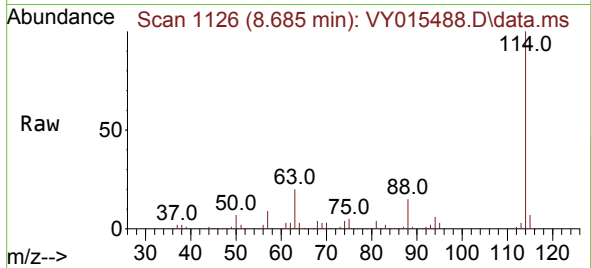




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY015488.D
 Acq: 11 Sep 2023 15:40

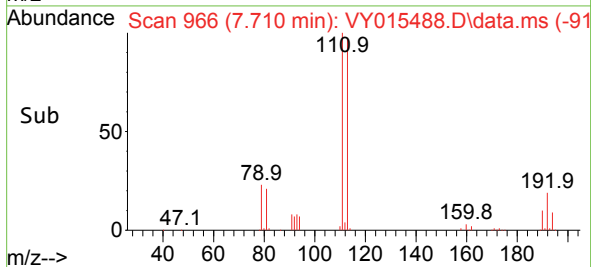
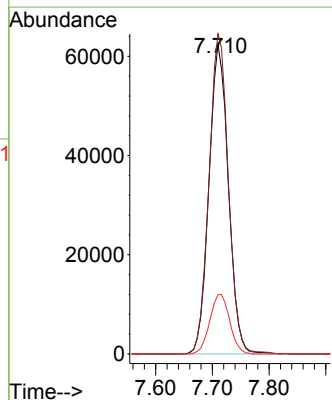
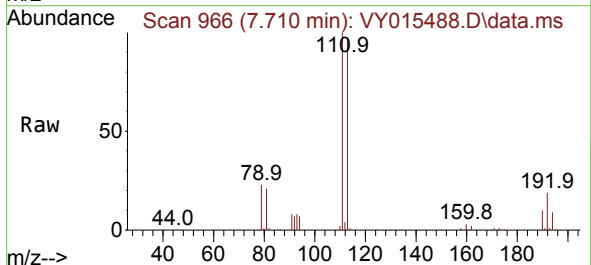
Instrument :
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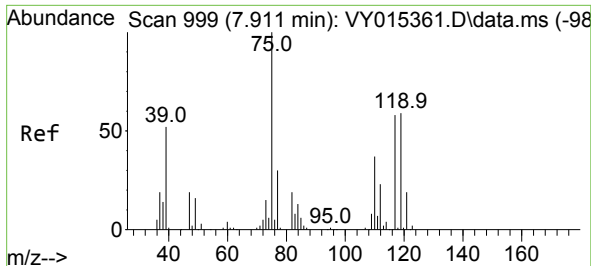
Tgt Ion:114 Resp: 477557
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.4
 88 15.4 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 53.872 ug/l
 RT: 7.710 min Scan# 966
 Delta R.T. -0.006 min
 Lab File: VY015488.D
 Acq: 11 Sep 2023 15:40

Tgt Ion:113 Resp: 148181
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.3 121.9
 192 19.7 16.9 25.3

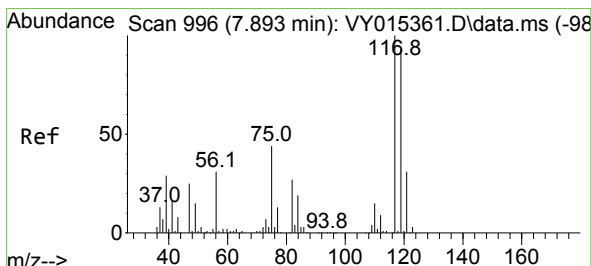
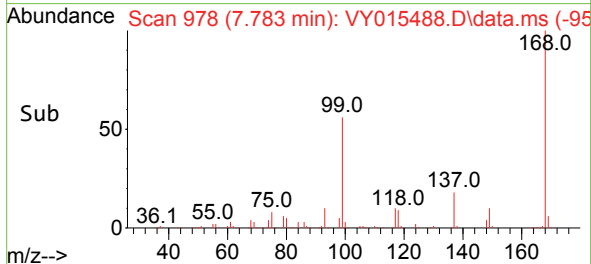
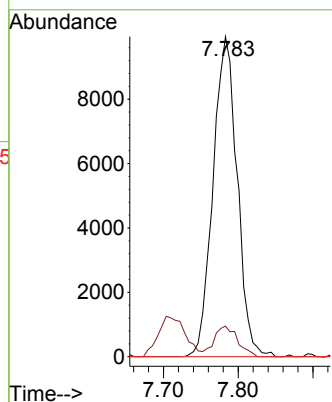
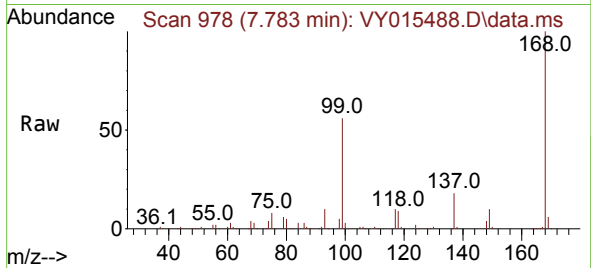




#36
1,1-Dichloropropene
Concen: 4.624 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

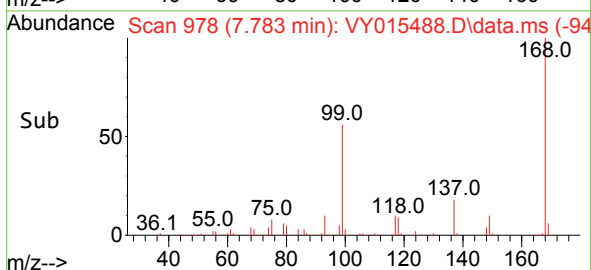
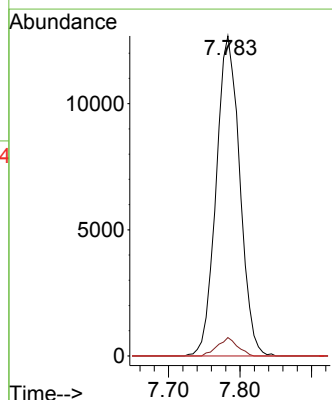
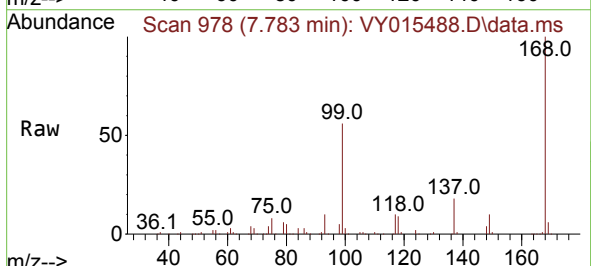
Instrument :
MSVOA_Y
ClientSampleId :

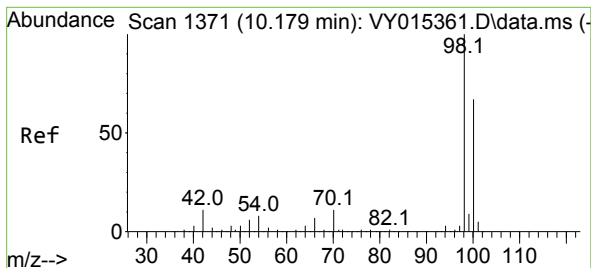
Tgt Ion: 75 Resp: 22332
Ion Ratio Lower Upper
75 100
110 9.3 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.824 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

Tgt Ion: 117 Resp: 29054
Ion Ratio Lower Upper
117 100
119 5.7 76.4 114.6#
121 0.0 25.8 38.6#

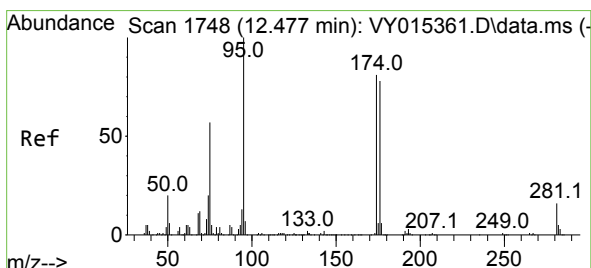
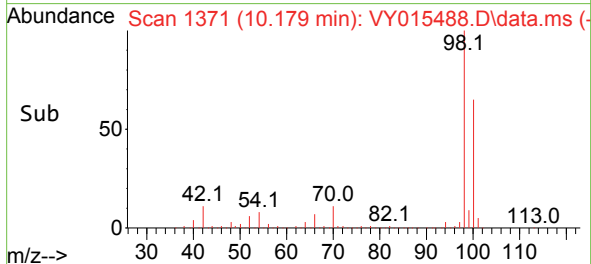
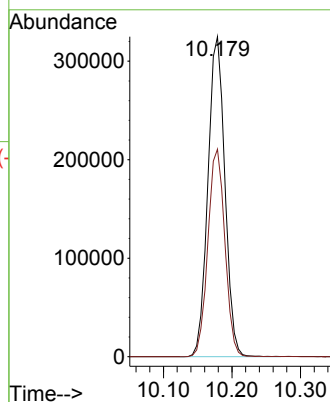
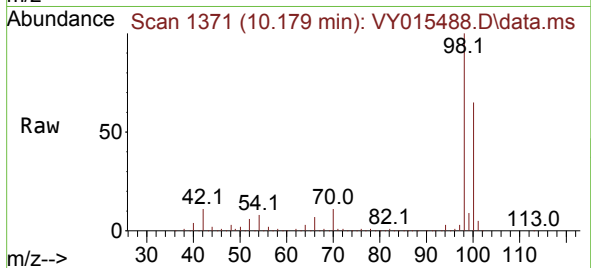




#50
Toluene-d8
Concen: 56.195 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

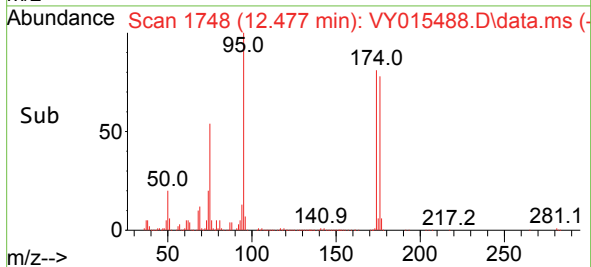
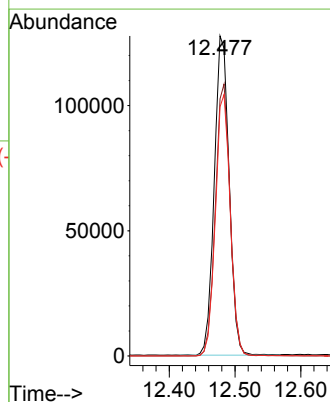
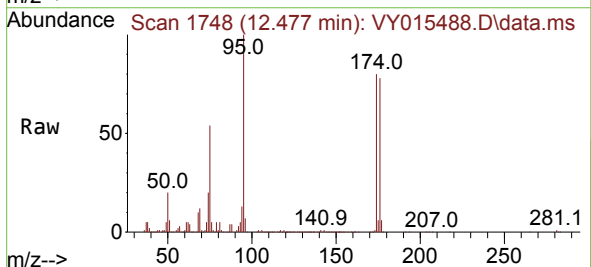
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MSVOA_Y
ClientSampleId :

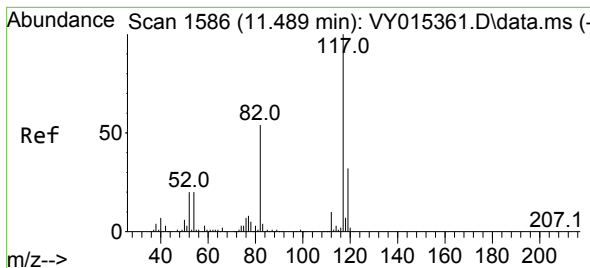
Tgt Ion: 98 Resp: 559759
Ion Ratio Lower Upper
98 100
100 65.0 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 54.197 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

Tgt Ion: 95 Resp: 200415
Ion Ratio Lower Upper
95 100
174 85.0 0.0 178.2
176 81.8 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: VY015488.D

Acq: 11 Sep 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

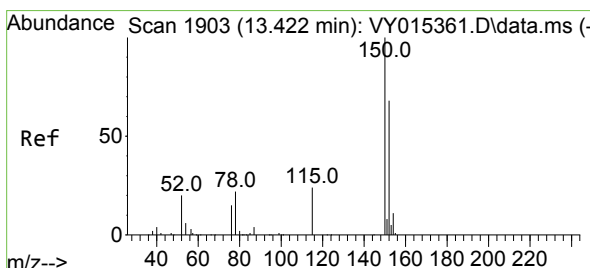
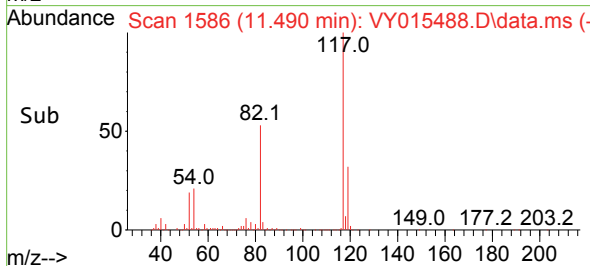
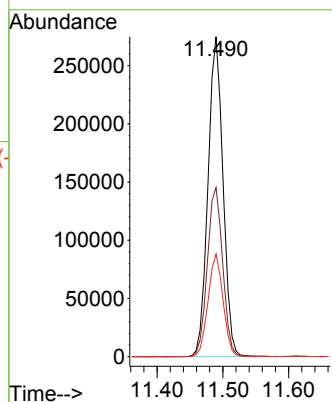
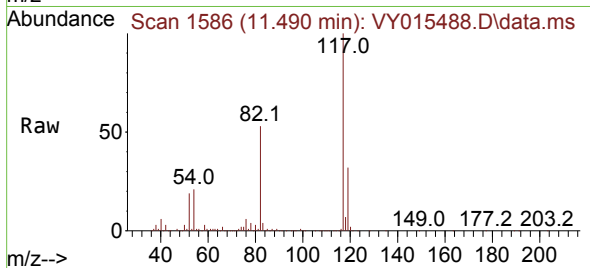
Tgt Ion:117 Resp: 437452

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.0

119 32.0 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: VY015488.D

Acq: 11 Sep 2023 15:40

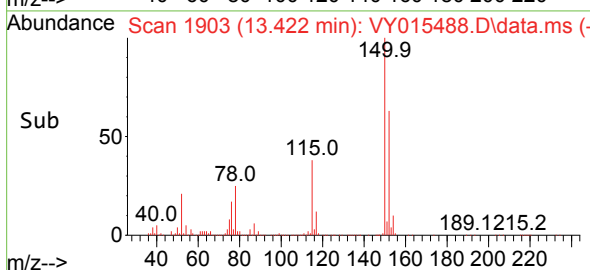
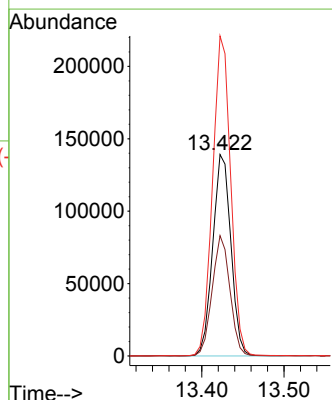
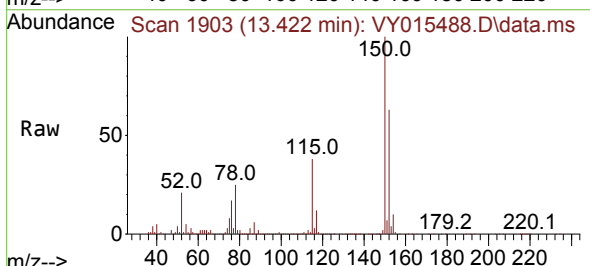
Tgt Ion:152 Resp: 213672

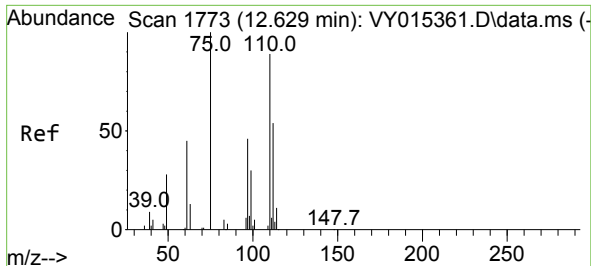
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 157.7 0.0 348.8

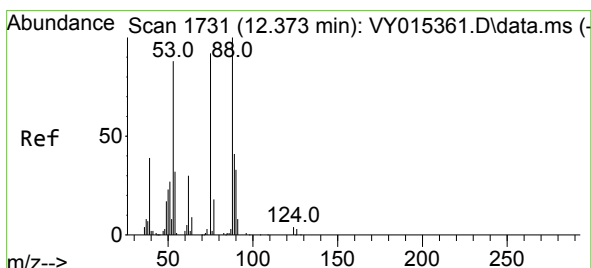
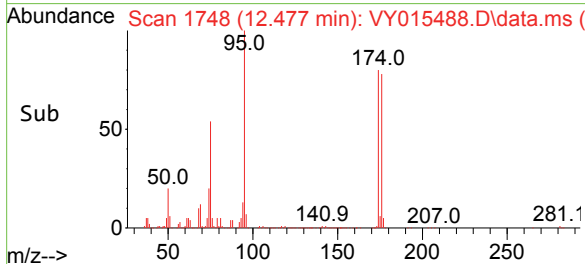
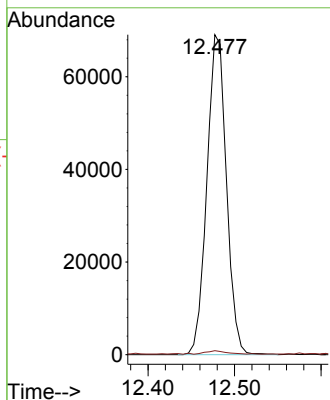
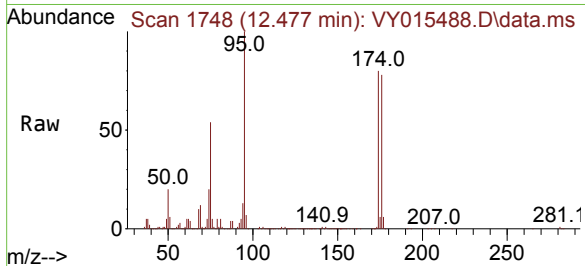




#76
1,2,3-Trichloropropane
Concen: 38.177 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 108176
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.215 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.098 min
Lab File: VY015488.D
Acq: 11 Sep 2023 15:40

Tgt Ion: 75 Resp: 108176
Ion Ratio Lower Upper
75 100
53 0.2 77.8 116.8#
89 0.0 37.4 56.0#

