

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091423\
 Data File : VY015550.D
 Acq On : 14 Sep 2023 21:48
 Operator : SY/MD
 Sample : 04409-09
 Misc : 6.51g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 04:07:34 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)

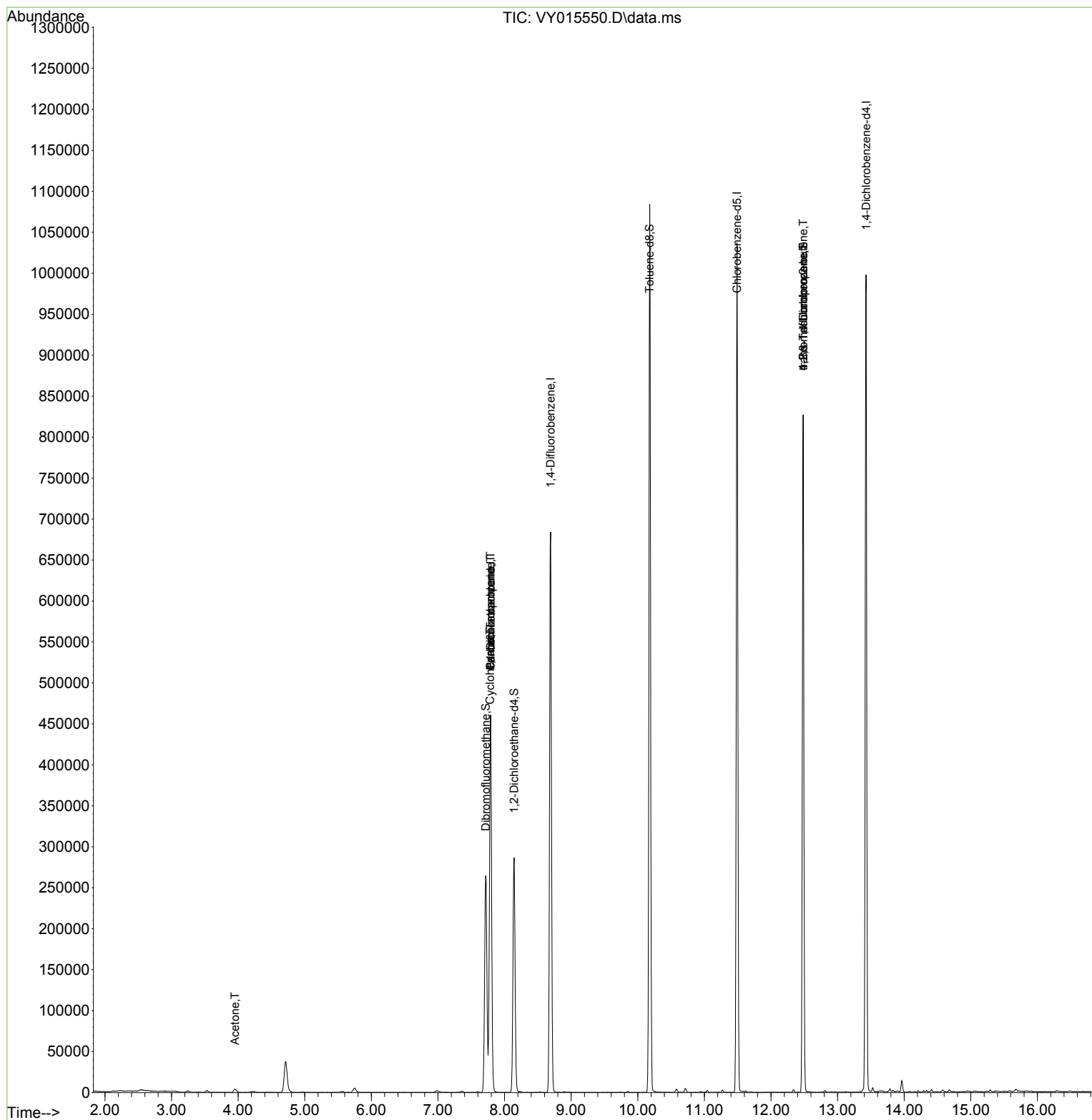
Internal Standards						
1) Pentafluorobenzene	7.789	168	352720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	594785	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	552527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	259940	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	226663	59.946	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.900%
35) Dibromofluoromethane	7.716	113	188169	54.926	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.860%
50) Toluene-d8	10.179	98	700606	56.472	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.940%
62) 4-Bromofluorobenzene	12.483	95	242081	52.562	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.120%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	717	Below Cal	#	89
16) Acetone	3.954	43	7500	4.752	ug/l	96
20) Methylene Chloride	4.710	84	30130	Below Cal		88
31) Cyclohexane	7.783	56	7430	1.106	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	26503	4.406	ug/l #	50
38) Carbon Tetrachloride	7.789	117	35519	5.717	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	130092	37.740	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	130092	83.250	ug/l #	10

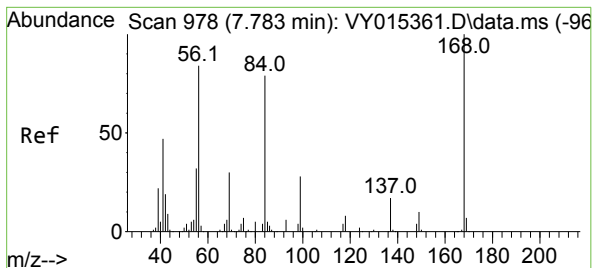
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015550.D

Acq: 14 Sep 2023 21:48

Instrument :

MSVOA_Y

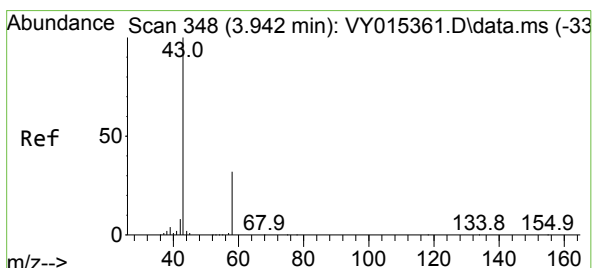
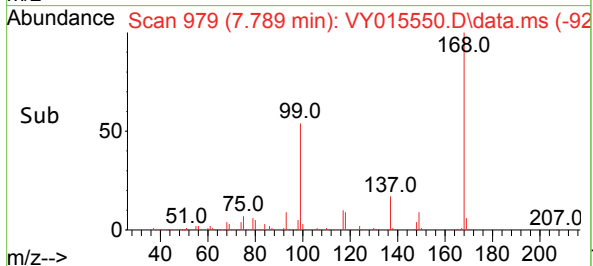
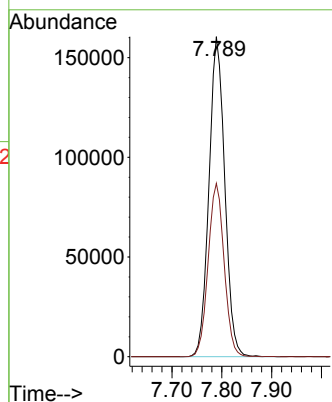
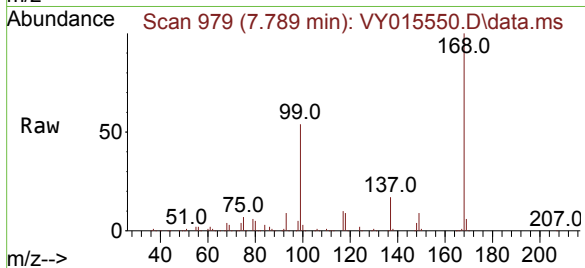
ClientSampleId :

Tgt Ion:168 Resp: 352720

Ion Ratio Lower Upper

168 100

99 54.2 43.4 65.0



#16

Acetone

Concen: 4.752 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY015550.D

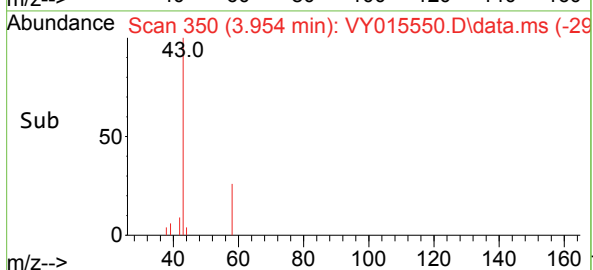
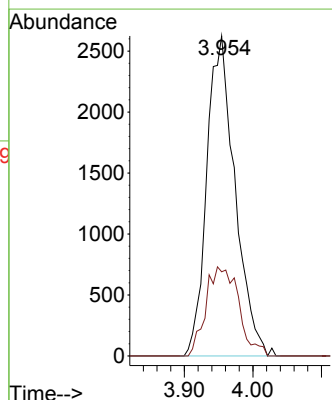
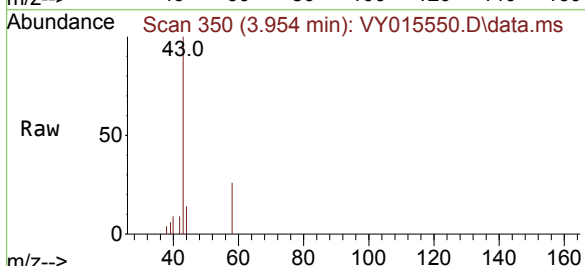
Acq: 14 Sep 2023 21:48

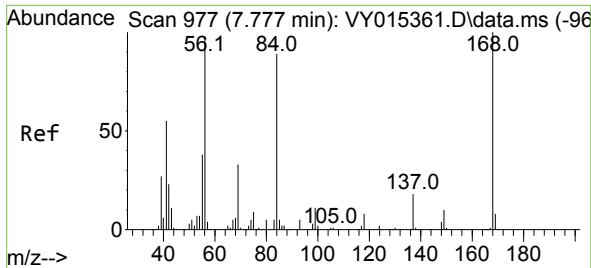
Tgt Ion: 43 Resp: 7500

Ion Ratio Lower Upper

43 100

58 26.3 22.7 34.1

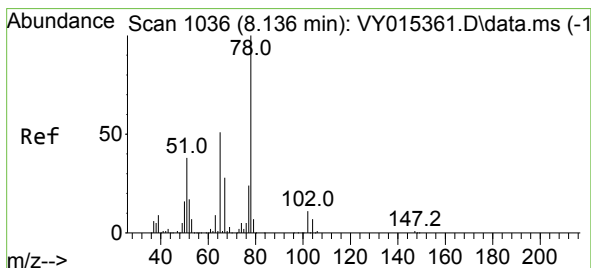
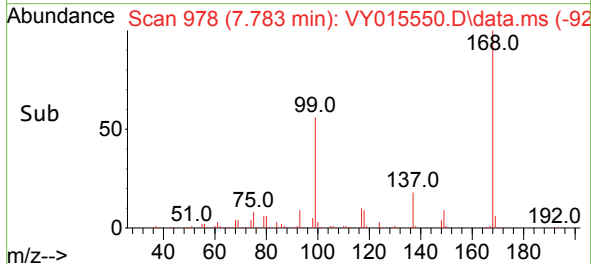
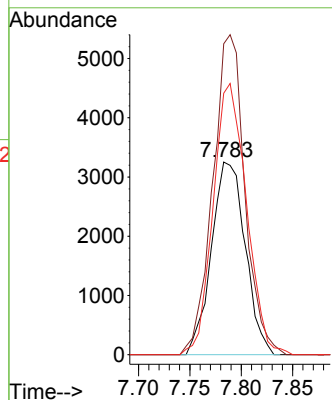
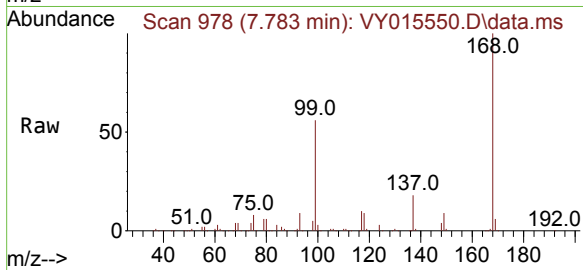




#31
Cyclohexane
Concen: 1.106 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

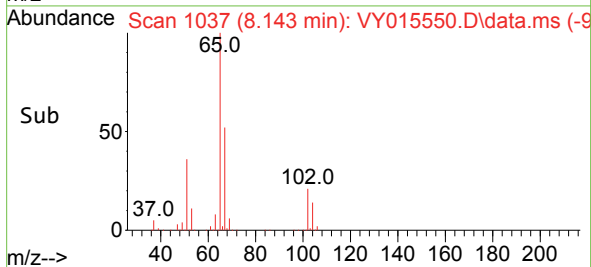
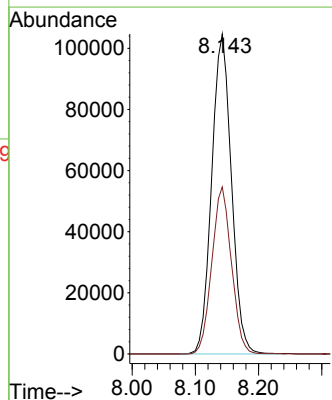
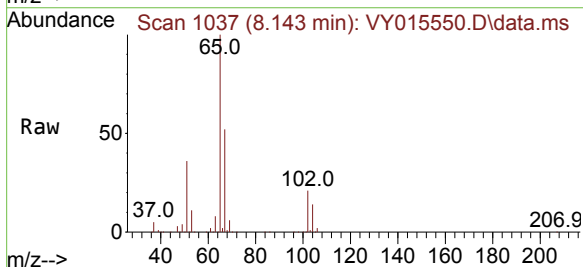
Instrument :
MSVOA_Y
ClientSampleId :

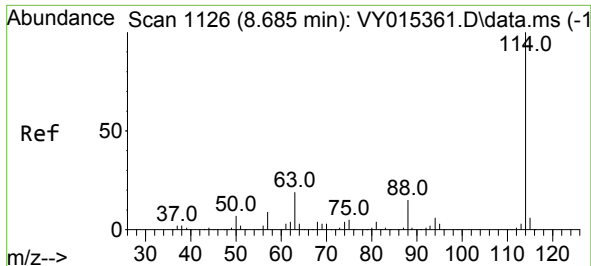
Tgt Ion: 56 Resp: 7430
Ion Ratio Lower Upper
56 100
69 161.4 27.8 41.6#
84 135.8 66.4 99.6#



#33
1,2-Dichloroethane-d4
Concen: 59.946 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

Tgt Ion: 65 Resp: 226663
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8

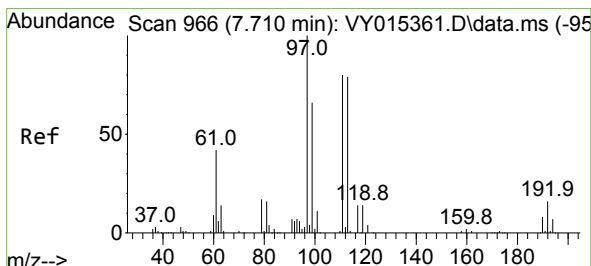
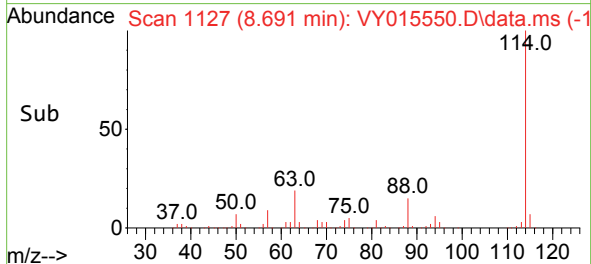
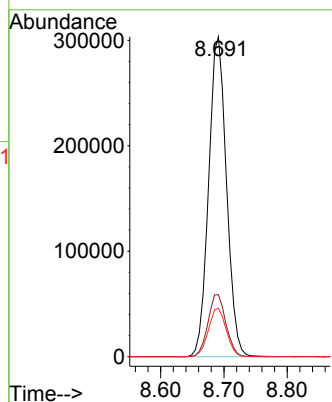
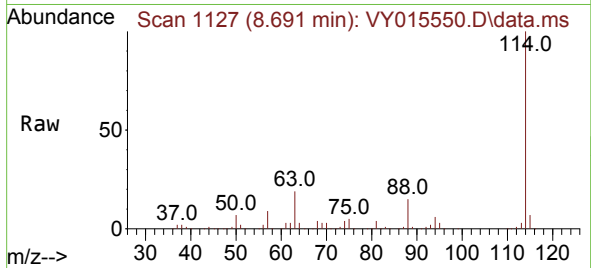




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

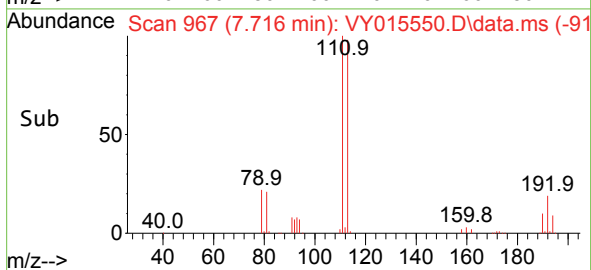
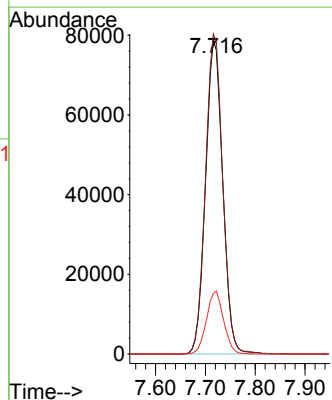
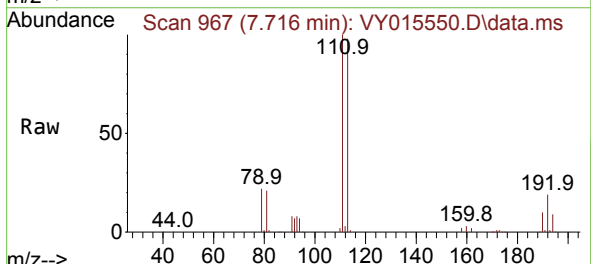
Instrument :
MSVOA_Y
ClientSampleId :

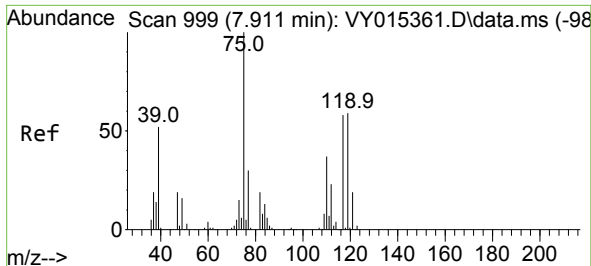
Tgt Ion:114 Resp: 594785
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 15.2 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.926 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

Tgt Ion:113 Resp: 188169
Ion Ratio Lower Upper
113 100
111 102.7 81.3 121.9
192 19.9 16.9 25.3

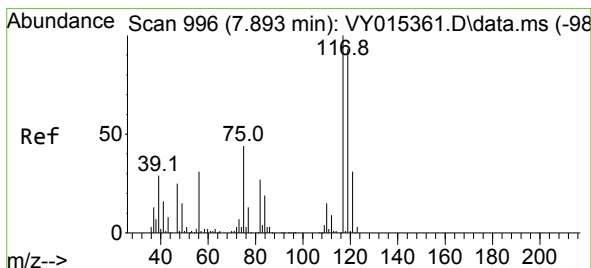
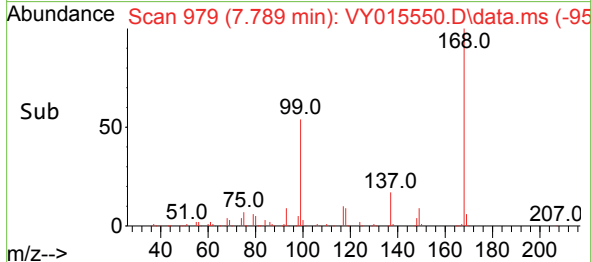
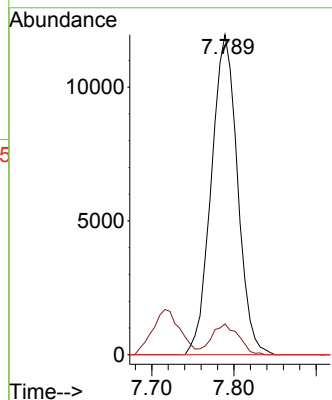
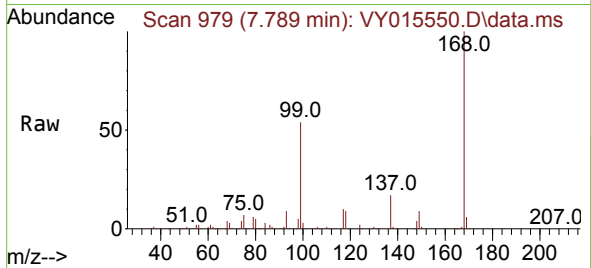




#36
1,1-Dichloropropene
Concen: 4.406 ug/l
RT: 7.789 min Scan# 919
Delta R.T. -0.122 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

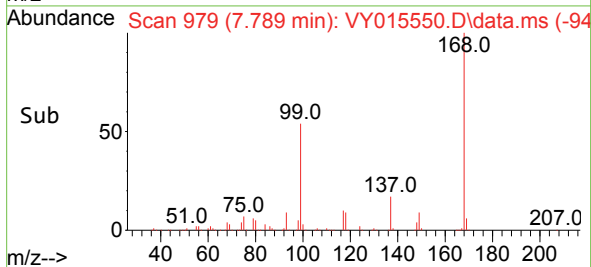
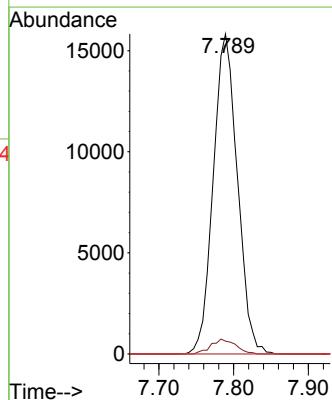
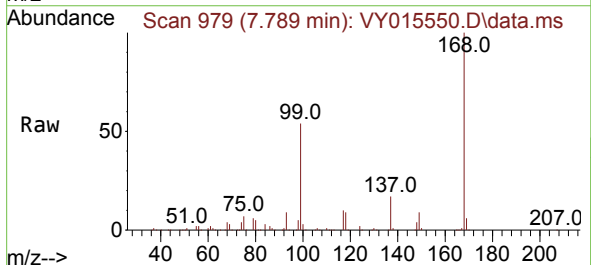
Instrument :
MSVOA_Y
ClientSampleId :

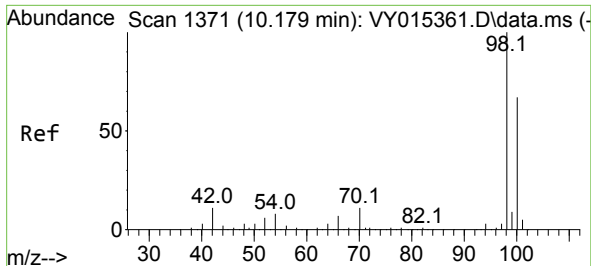
Tgt Ion: 75 Resp: 26503
Ion Ratio Lower Upper
75 100
110 9.7 17.8 53.5#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.717 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.103 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

Tgt Ion: 117 Resp: 35519
Ion Ratio Lower Upper
117 100
119 4.0 76.4 114.6#
121 0.0 25.8 38.6#

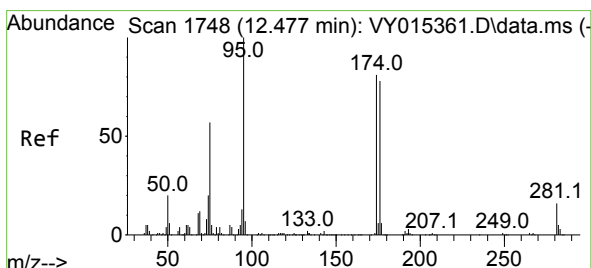
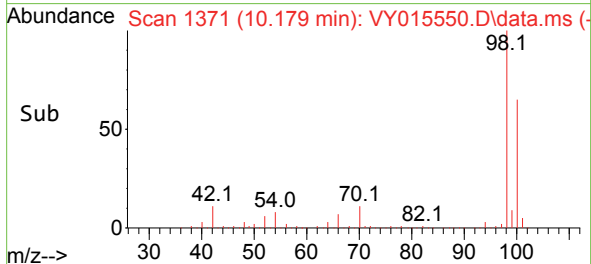
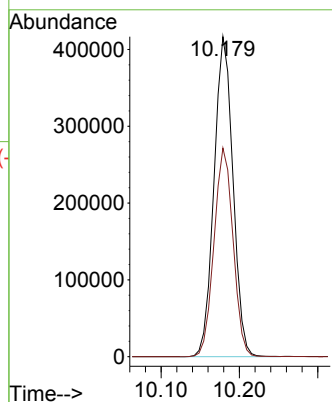
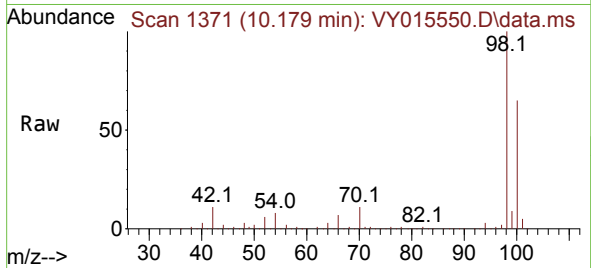




#50
Toluene-d8
Concen: 56.472 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

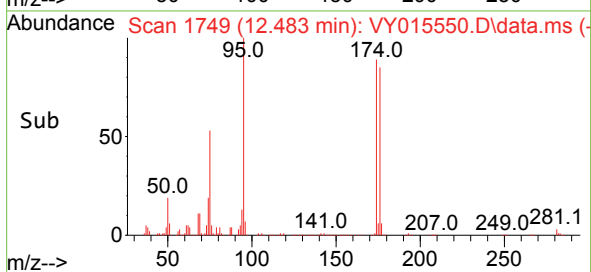
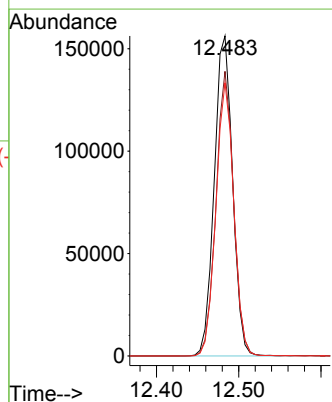
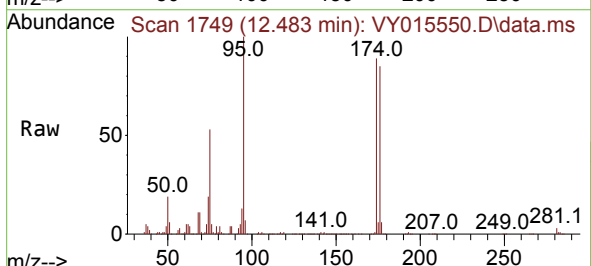
Instrument :
MSVOA_Y
ClientSampleId :

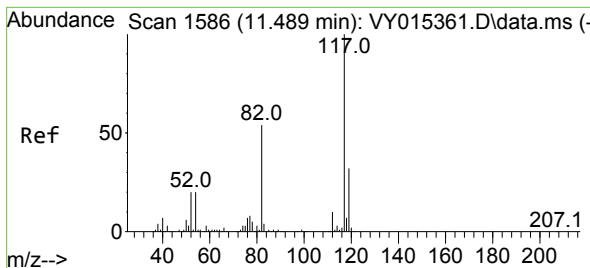
Tgt Ion: 98 Resp: 700606
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.562 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

Tgt Ion: 95 Resp: 242081
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.4 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

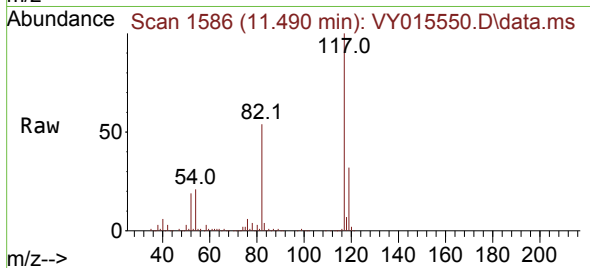
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Instrument :

MSVOA_Y

ClientSampleId :



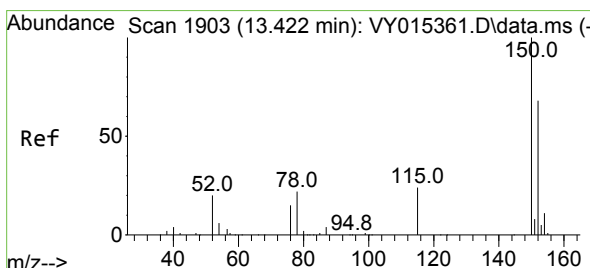
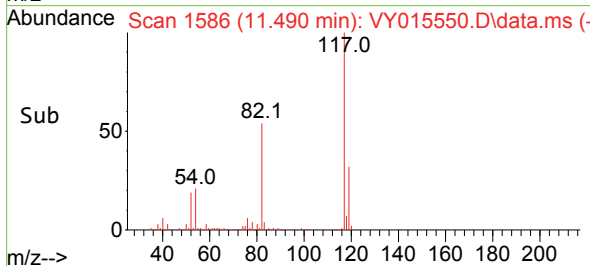
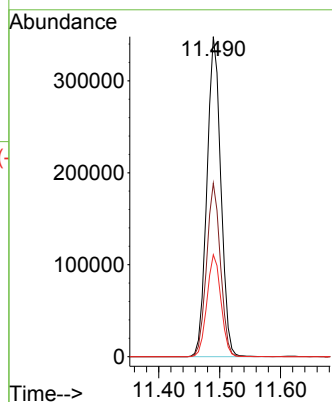
Tgt Ion:117 Resp: 552527

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.9 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: VY015550.D

Acq: 14 Sep 2023 21:48

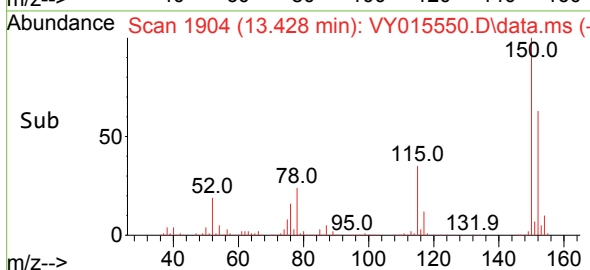
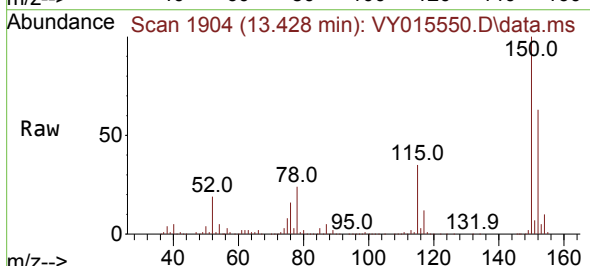
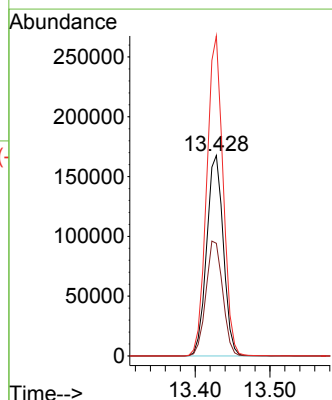
Tgt Ion:152 Resp: 259940

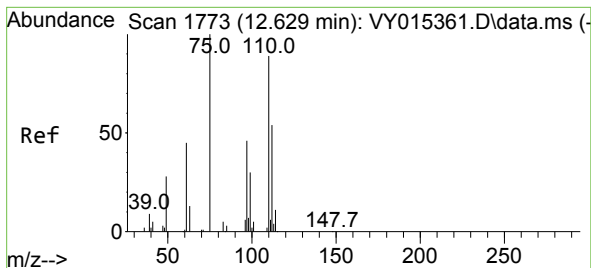
Ion Ratio Lower Upper

152 100

115 57.8 28.8 86.5

150 156.5 0.0 348.8

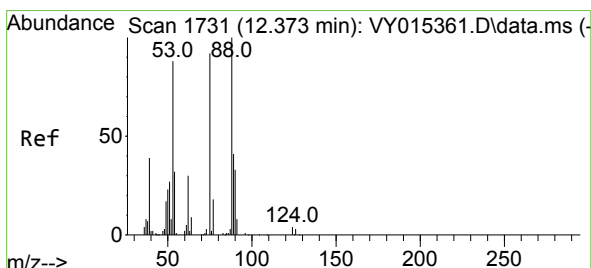
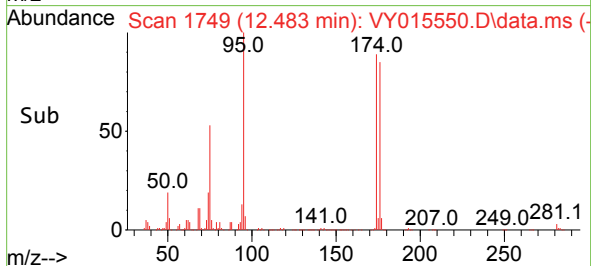
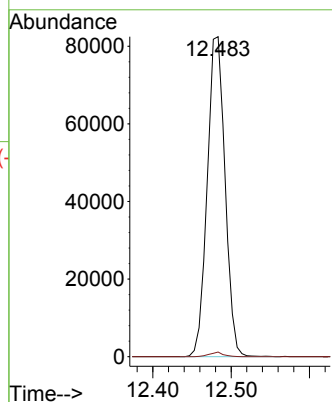
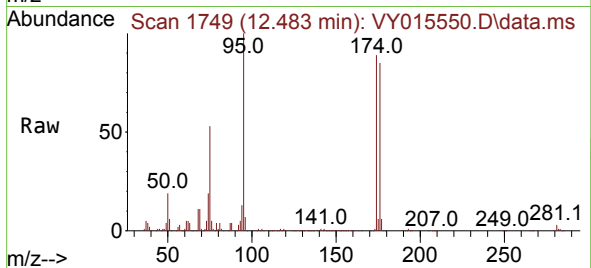




#76
1,2,3-Trichloropropane
Concen: 37.740 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 130092
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.250 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY015550.D
Acq: 14 Sep 2023 21:48

Tgt Ion: 75 Resp: 130092
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#

