

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015578.D
 Acq On : 15 Sep 2023 18:36
 Operator : SY/MD
 Sample : 04435-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 23:00:02 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)

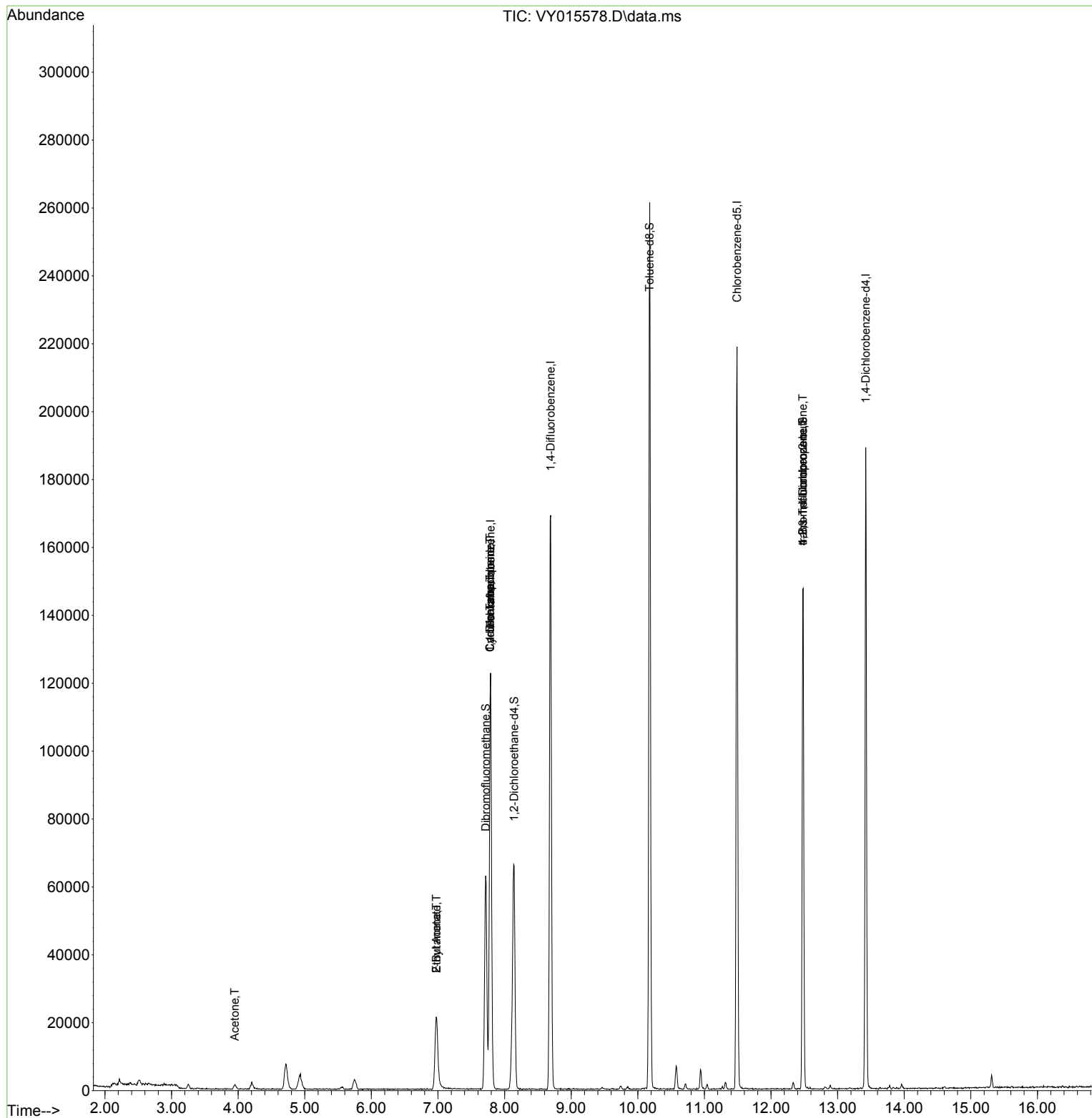
Internal Standards						
1) Pentafluorobenzene	7.789	168	94451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	149485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	117806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46828	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	48116	47.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.040%
35) Dibromofluoromethane	7.716	113	45221	52.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.040%
50) Toluene-d8	10.179	98	169684	54.421	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.840%
62) 4-Bromofluorobenzene	12.477	95	45167	39.021	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.040%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.924	59	2326	Below Cal	#	89
16) Acetone	3.948	43	2102	4.974	ug/l	90
20) Methylene Chloride	4.722	84	5564	Below Cal		98
25) 2-Butanone	6.978	43	1252	2.089	ug/l	# 75
31) Cyclohexane	7.783	56	2099	1.167	ug/l	# 7
36) 1,1-Dichloropropene	7.783	75	7572	5.009	ug/l	# 49
37) Ethyl Acetate	6.978	43	1252	1.074	ug/l	# 1
38) Carbon Tetrachloride	7.783	117	9595	6.145	ug/l	# 17
76) 1,2,3-Trichloropropane	12.477	75	24337	39.191	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	24337	86.451	ug/l	# 10

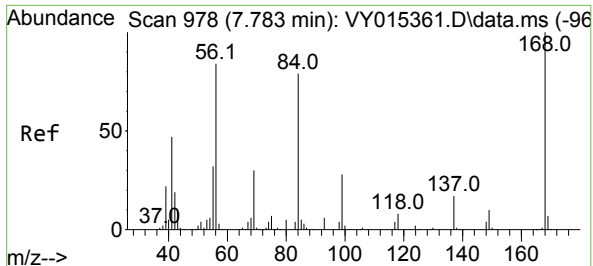
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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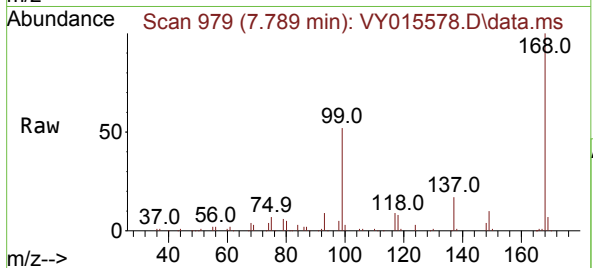
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
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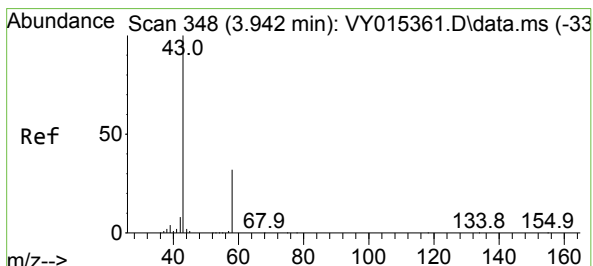
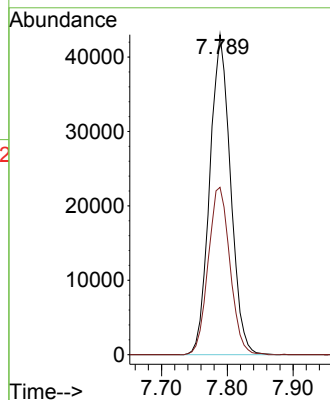
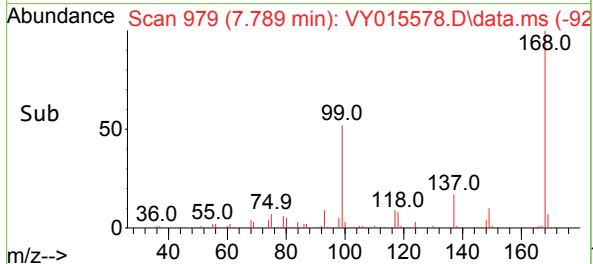


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

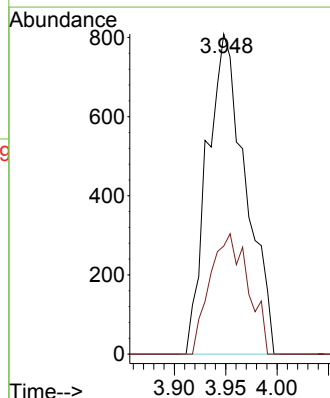
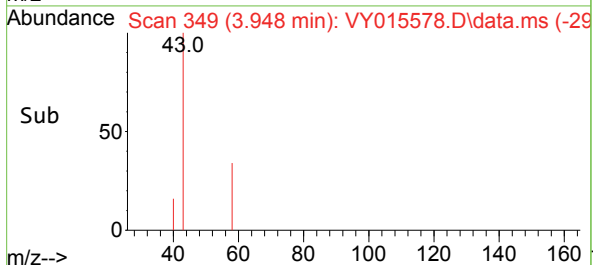
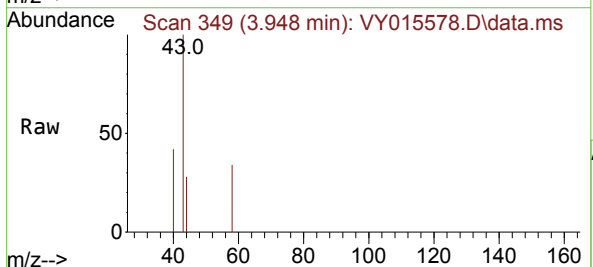


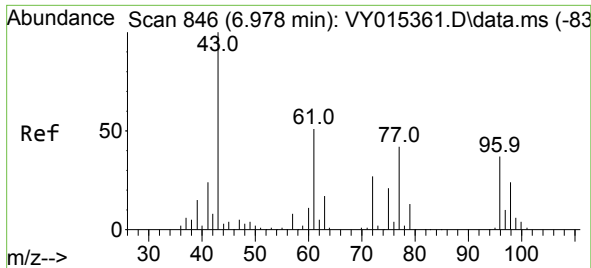
Tgt Ion:168 Resp: 94451
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#16
Acetone
Concen: 4.974 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

Tgt Ion: 43 Resp: 2102
Ion Ratio Lower Upper
43 100
58 33.7 22.7 34.1

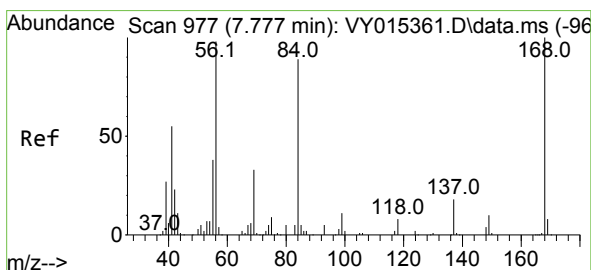
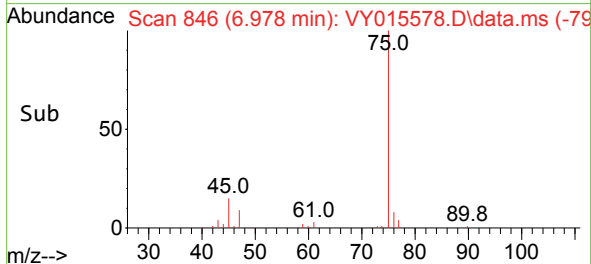
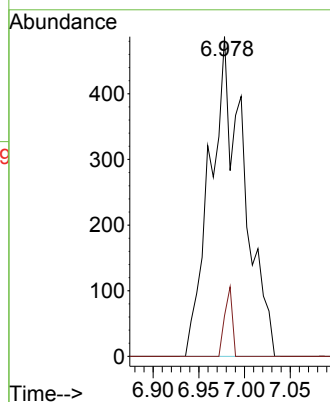
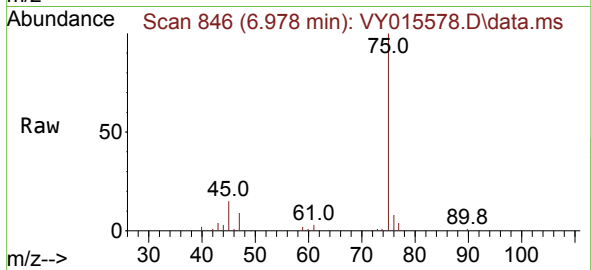




#25
2-Butanone
Concen: 2.089 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

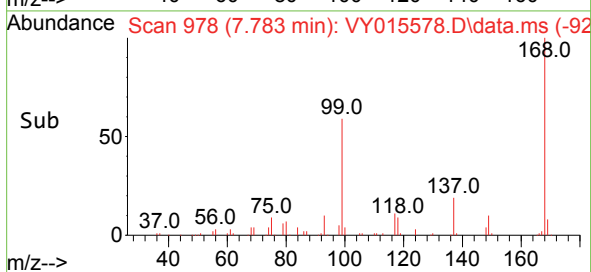
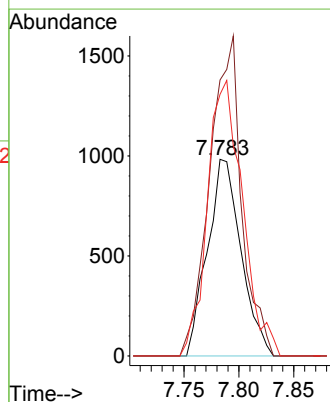
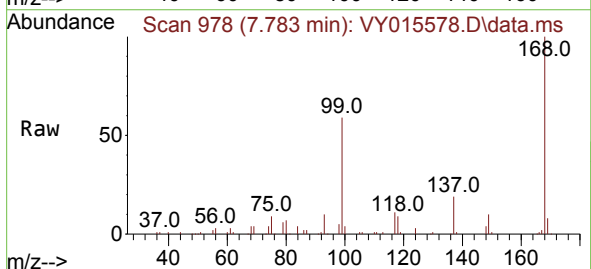
Instrument :
MSVOA_Y
ClientSampleId :

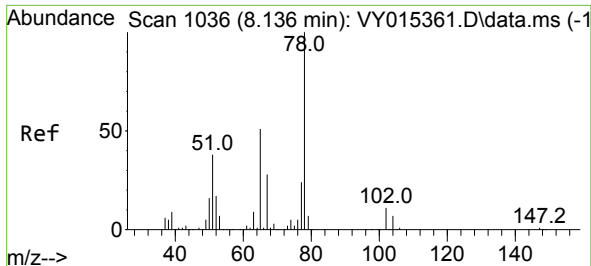
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
72 12.7 20.5 30.7#



#31
Cyclohexane
Concen: 1.167 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
69 140.4 27.8 41.6#
84 133.1 66.4 99.6#

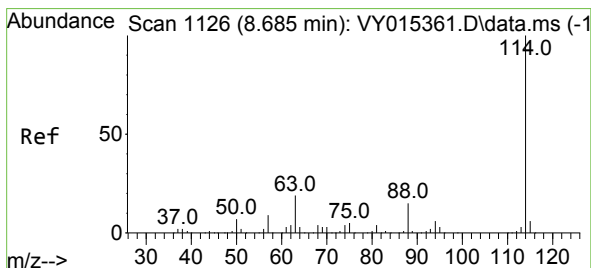
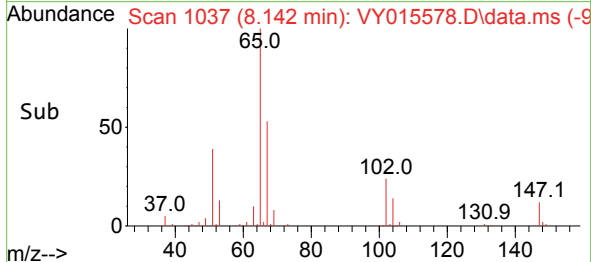
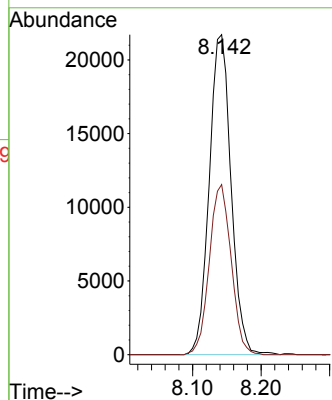
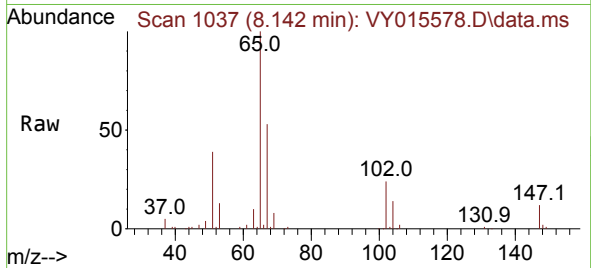




#33
 1,2-Dichloroethane-d4
 Concen: 47.522 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY015578.D
 Acq: 15 Sep 2023 18:36

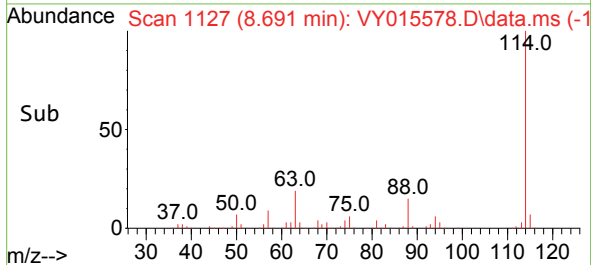
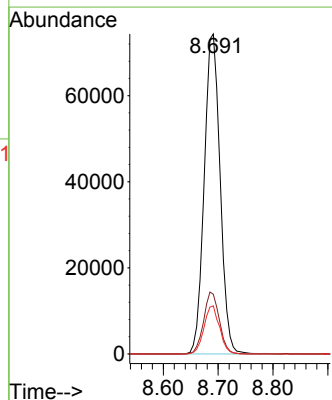
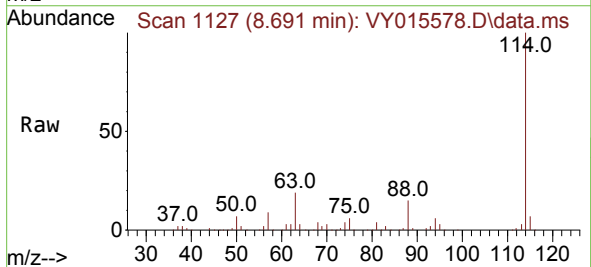
Instrument :
 MSVOA_Y
 ClientSampleId :

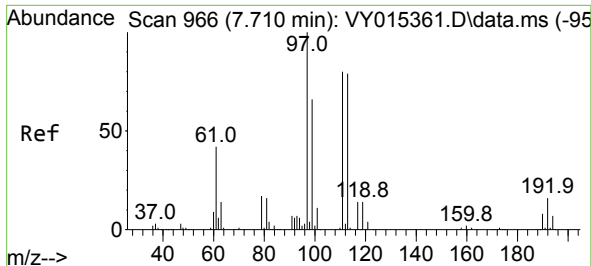
Tgt Ion: 65 Resp: 48116
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015578.D
 Acq: 15 Sep 2023 18:36

Tgt Ion: 114 Resp: 149485
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 42.4
 88 15.1 0.0 30.6

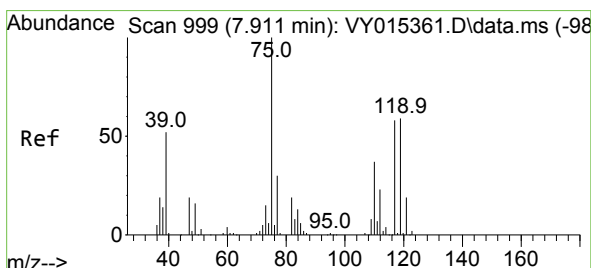
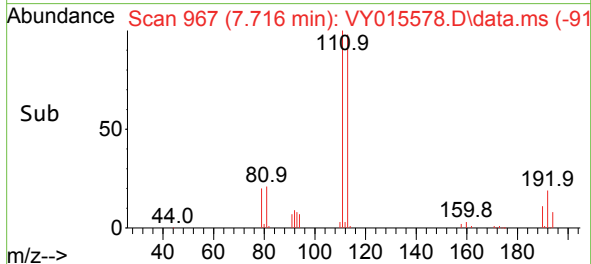
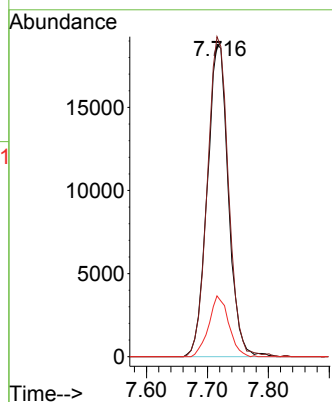
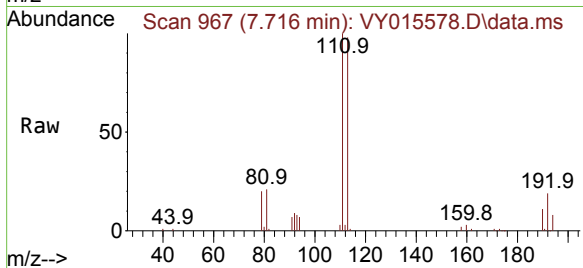




#35
Dibromofluoromethane
Concen: 52.521 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

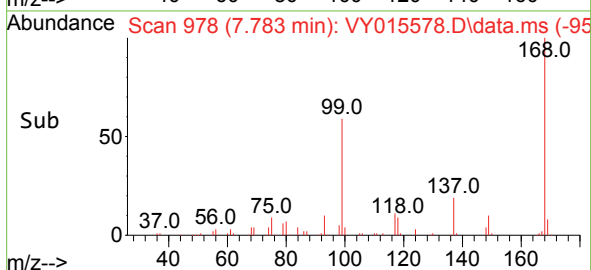
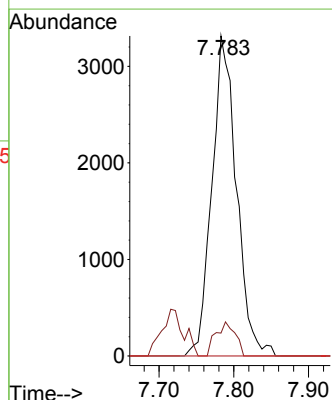
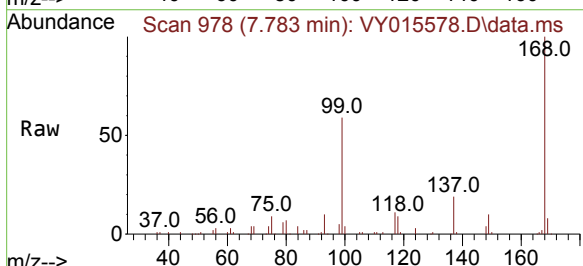
Instrument :
MSVOA_Y
ClientSampleId :

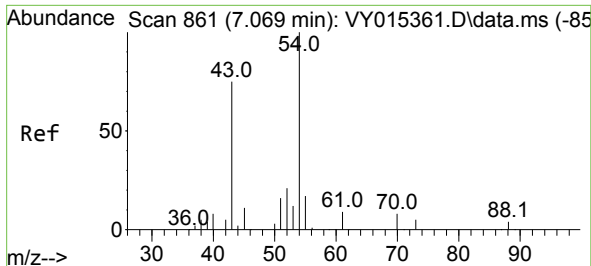
Tgt Ion:113 Resp: 45221
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.009 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

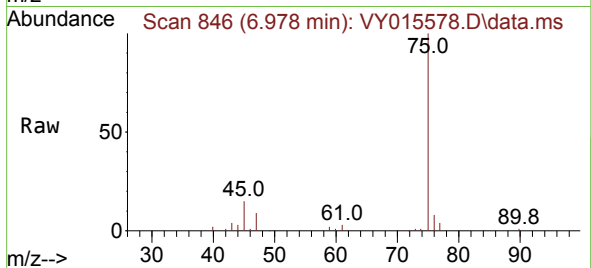
Tgt Ion: 75 Resp: 7572
Ion Ratio Lower Upper
75 100
110 8.4 17.8 53.5#
77 0.0 24.4 36.6#



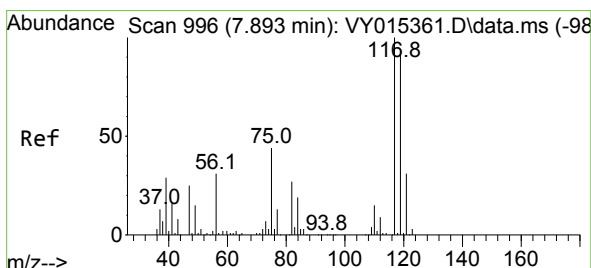
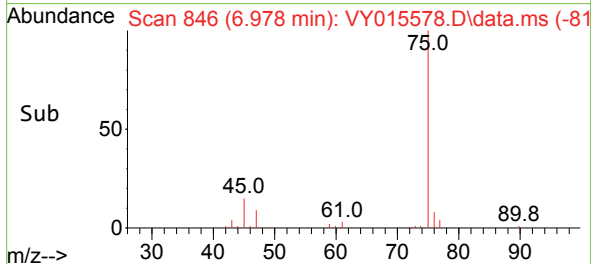
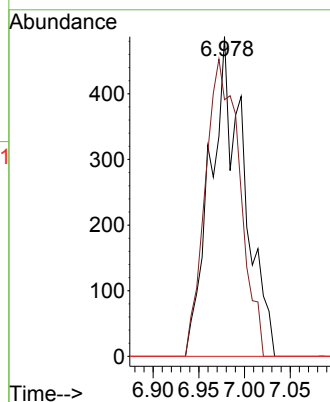


#37
Ethyl Acetate
Concen: 1.074 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

Instrument :
MSVOA_Y
ClientSampleId :

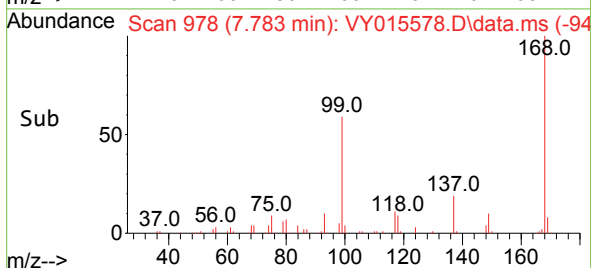
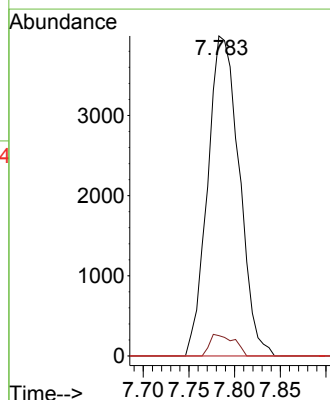
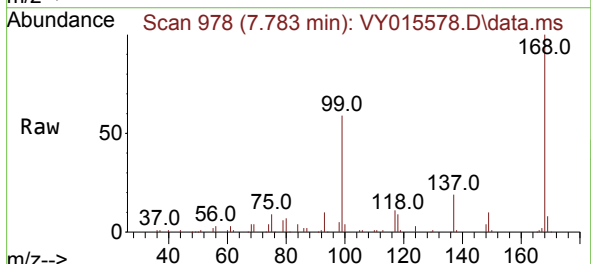


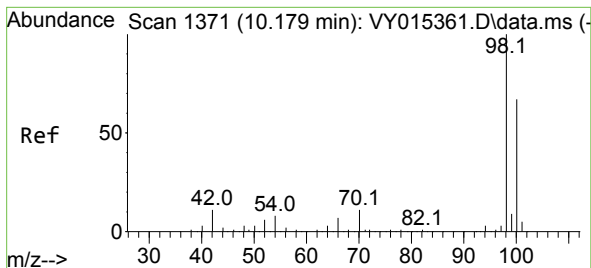
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
61 94.7 10.1 15.1#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 6.145 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.110 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

Tgt Ion: 117 Resp: 9595
Ion Ratio Lower Upper
117 100
119 6.3 76.4 114.6#
121 0.0 25.8 38.6#

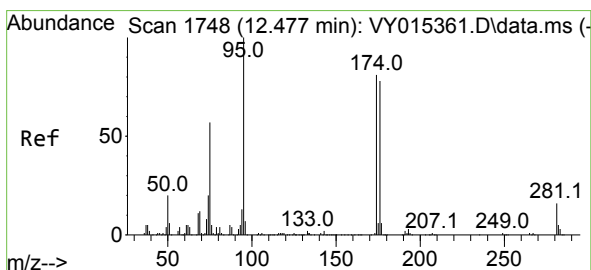
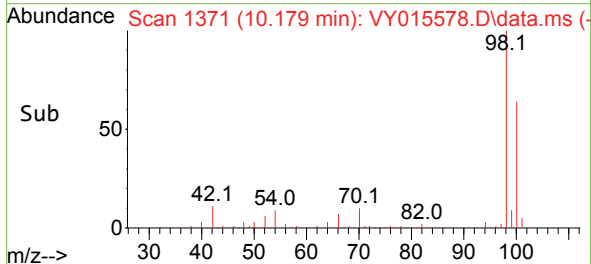
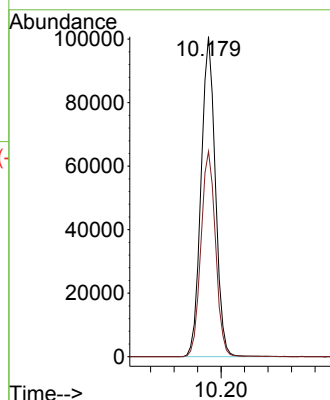
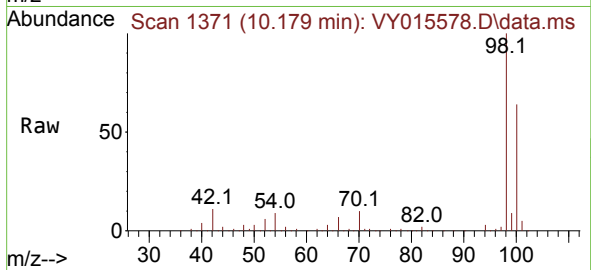




#50
Toluene-d8
Concen: 54.421 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

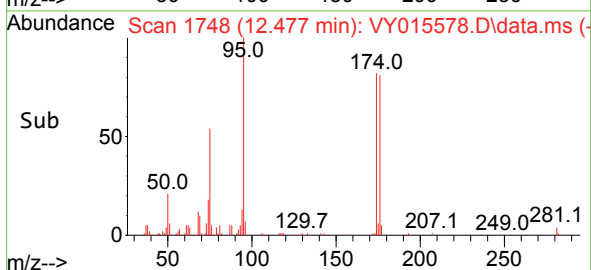
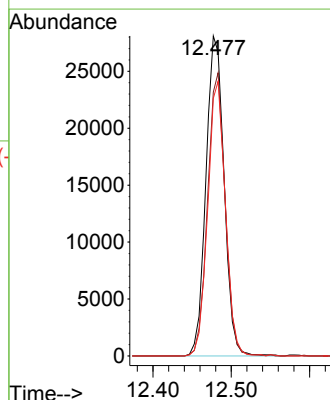
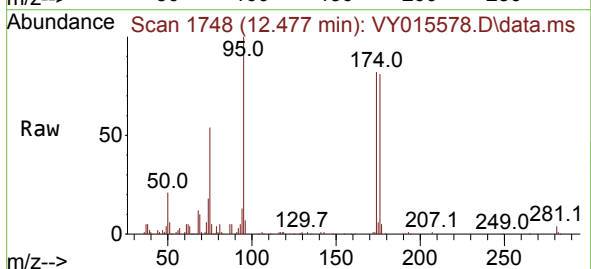
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MSVOA_Y
ClientSampleId :

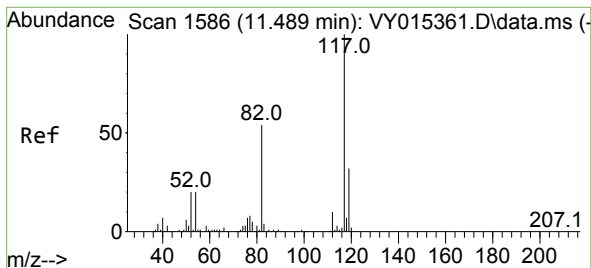
Tgt Ion: 98 Resp: 169684
Ion Ratio Lower Upper
98 100
100 65.4 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 39.021 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015578.D
Acq: 15 Sep 2023 18:36

Tgt Ion: 95 Resp: 45167
Ion Ratio Lower Upper
95 100
174 85.8 0.0 178.2
176 83.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 117806

Delta R.T. -0.000 min

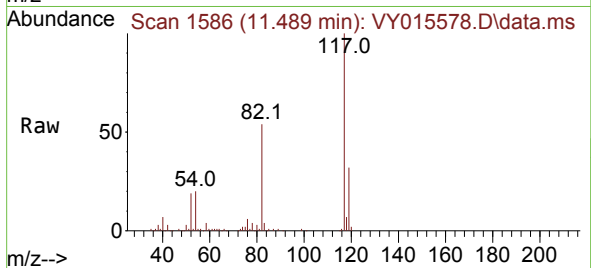
Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

Instrument :

MSVOA_Y

ClientSampleId :



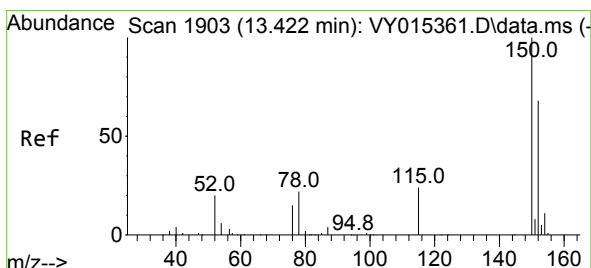
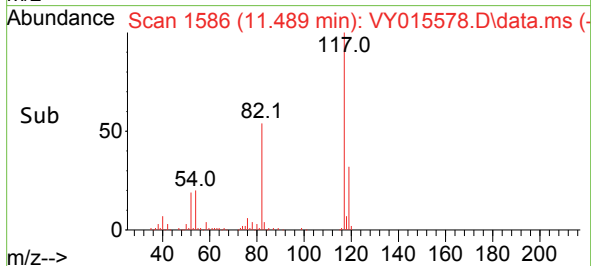
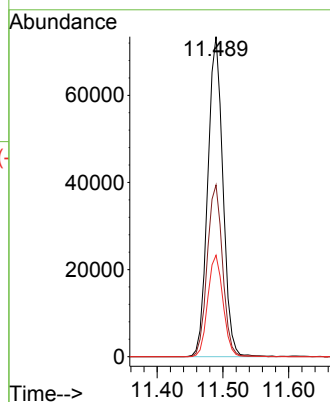
Tgt Ion:117 Resp: 117806

Ion Ratio Lower Upper

117 100

82 53.7 43.4 65.0

119 31.7 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: VY015578.D

Acq: 15 Sep 2023 18:36

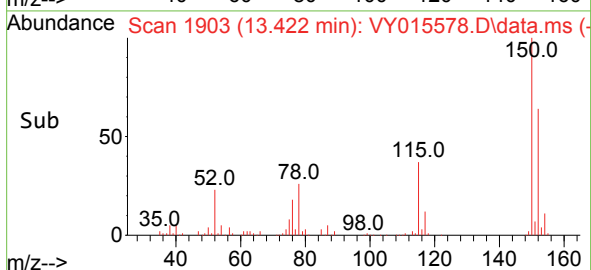
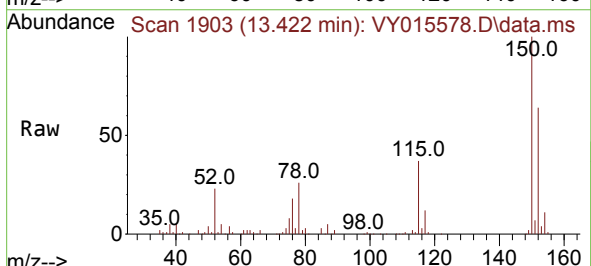
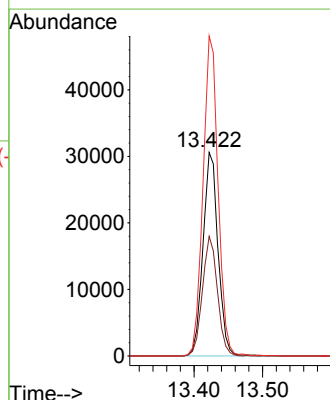
Tgt Ion:152 Resp: 46828

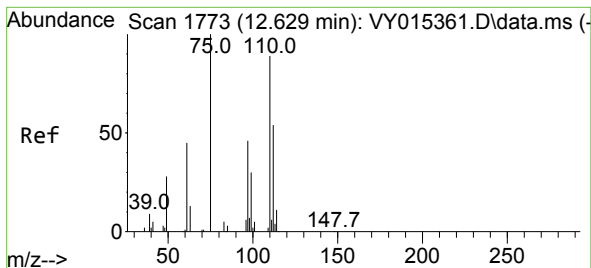
Ion Ratio Lower Upper

152 100

115 58.4 28.8 86.5

150 157.2 0.0 348.8





#76

1,2,3-Trichloropropane

Concen: 39.191 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

Instrument :

MSVOA_Y

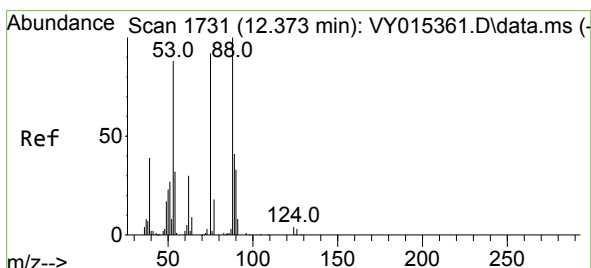
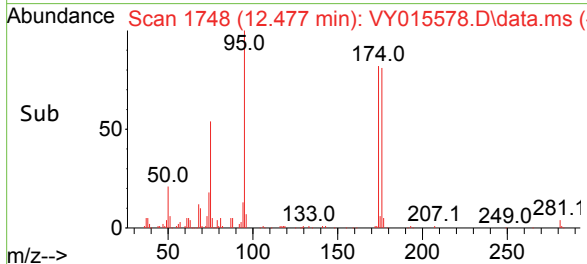
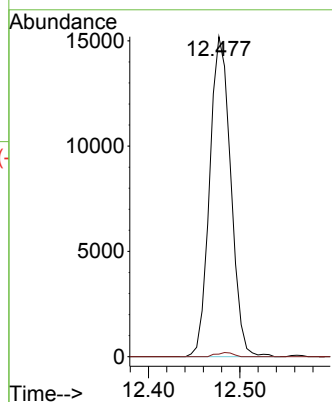
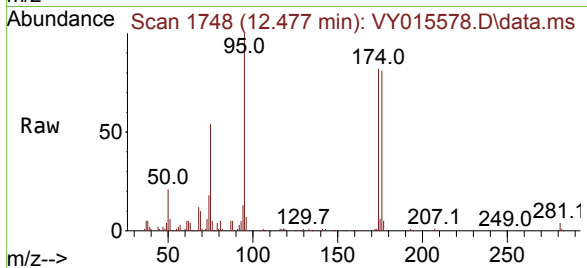
ClientSampleId :

Tgt Ion: 75 Resp: 24337

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 86.451 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.098 min

Lab File: VY015578.D

Acq: 15 Sep 2023 18:36

Tgt Ion: 75 Resp: 24337

Ion Ratio Lower Upper

75 100

53 0.0 77.8 116.8#

89 0.0 37.4 56.0#

