

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014081.D
 Acq On : 08 Jun 2023 18:25
 Operator : KP/MD
 Sample : 03071-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Jun 09 04:23:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

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

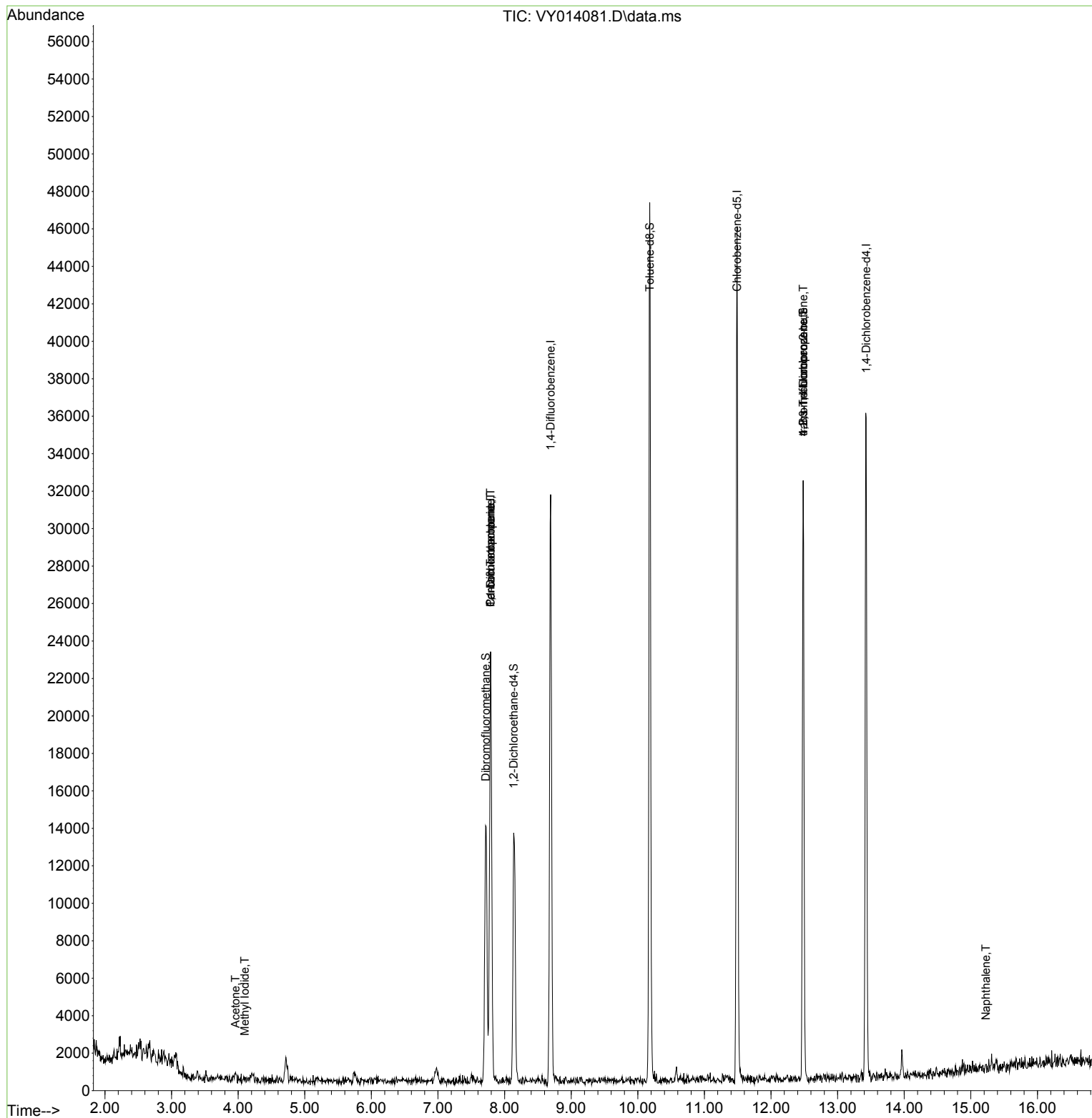
Internal Standards						
1) Pentafluorobenzene	7.789	168	17971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27285	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	25085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11996	50.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.860%	
35) Dibromofluoromethane	7.716	113	9309	53.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.380%	
50) Toluene-d8	10.179	98	32140	48.593	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.180%	
62) 4-Bromofluorobenzene	12.483	95	9235	40.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.920%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	228	1.004	ug/l #	68
16) Acetone	3.960	43	390	4.792	ug/l #	46
20) Methylene Chloride	4.716	84	868	Below Cal		85
36) 1,1-Dichloropropene	7.789	75	1338	5.416	ug/l #	51
38) Carbon Tetrachloride	7.789	117	2049	7.402	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	5179	37.584	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	5179	79.734	ug/l #	10
95) Naphthalene	15.227	128	58	3.993	ug/l #	69

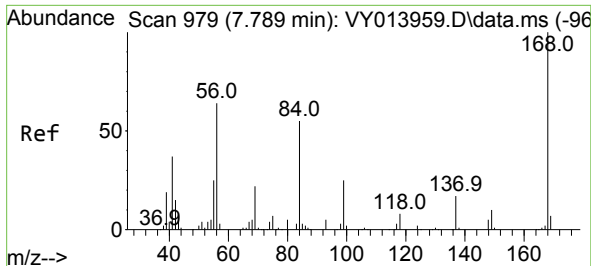
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 09 04:23:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 02 07:00:14 2023
Response via : Initial Calibration

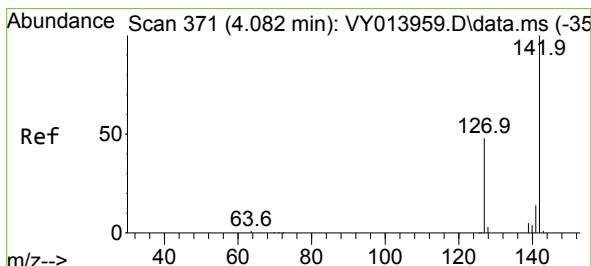
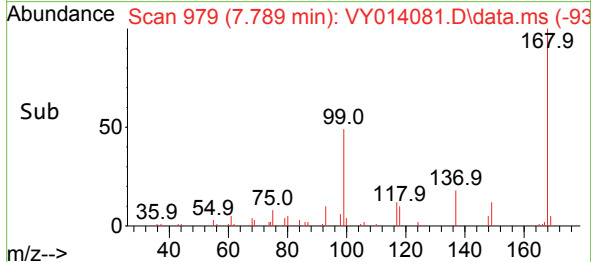
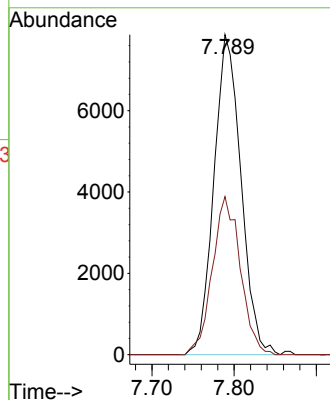
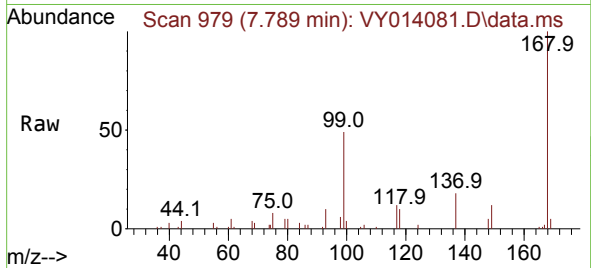




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

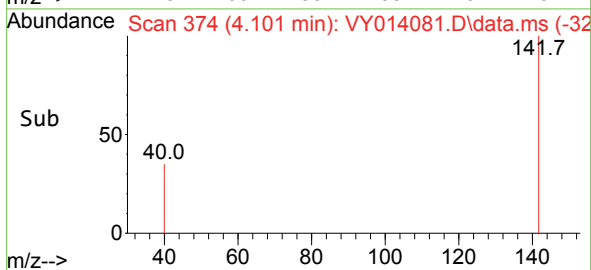
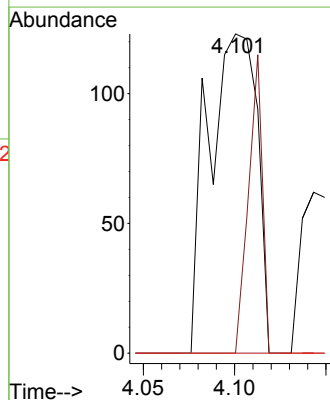
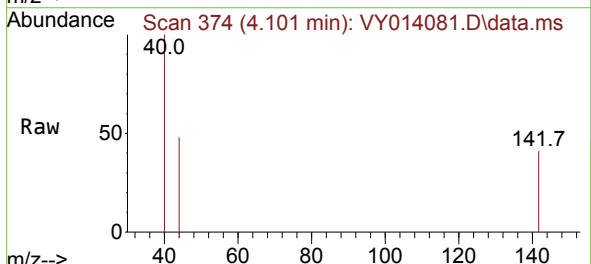
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

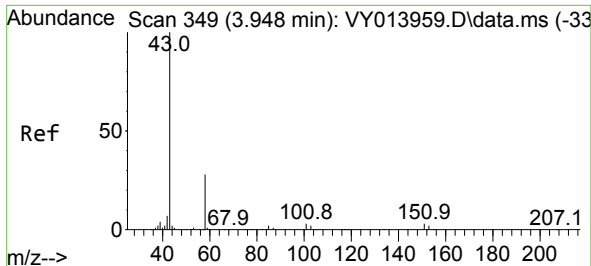
Tgt Ion:168 Resp: 17971
Ion Ratio Lower Upper
168 100
99 49.4 43.4 65.0



#10
Methyl Iodide
Concen: 1.004 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.019 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

Tgt Ion:142 Resp: 228
Ion Ratio Lower Upper
142 100
127 26.8 37.6 56.4#
141 0.0 11.8 17.8#

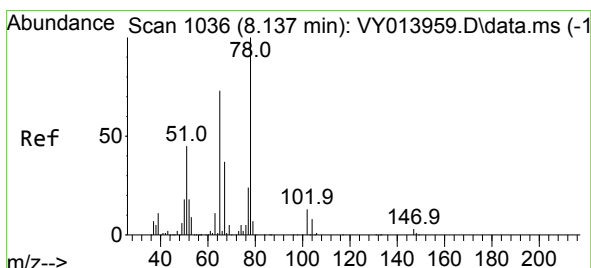
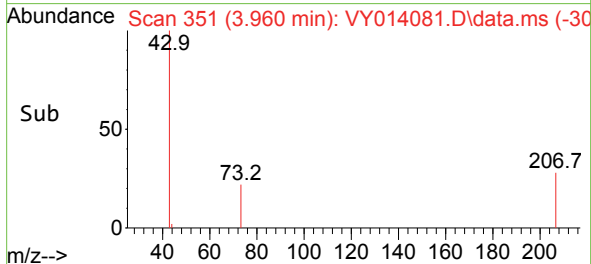
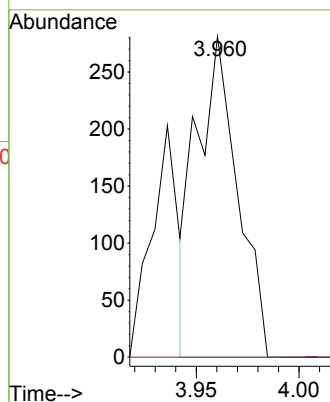
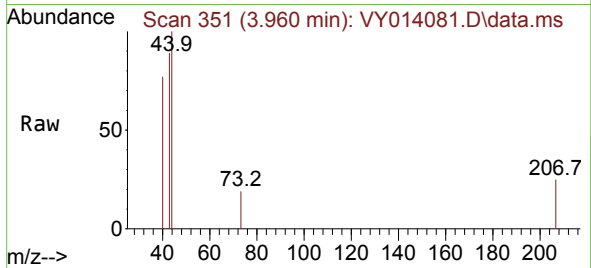




#16
Acetone
Concen: 4.792 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

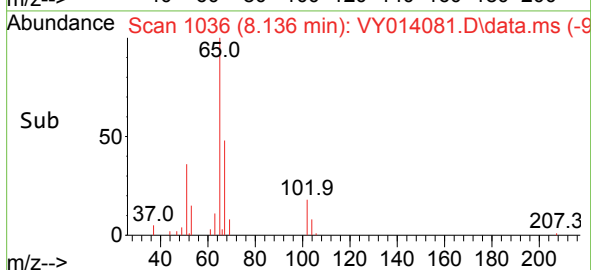
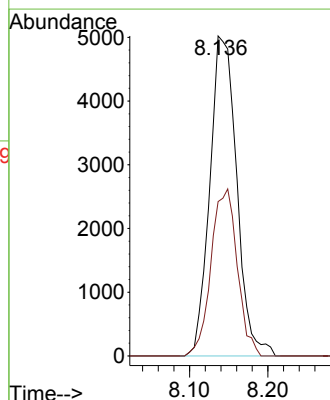
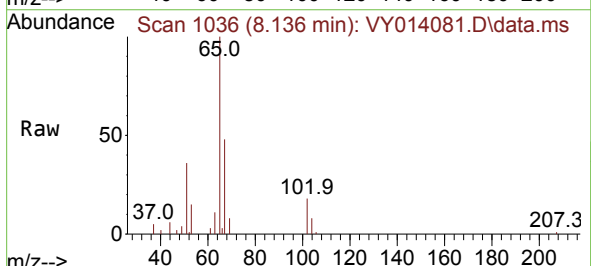
Instrument :
MSVOA_Y
ClientSampleId :
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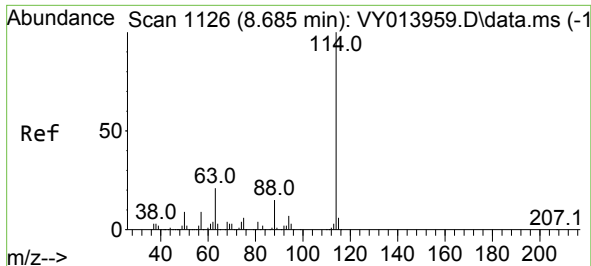
Tgt Ion: 43 Resp: 390
Ion Ratio Lower Upper
43 100
58 0.0 22.7 34.1#



#33
1,2-Dichloroethane-d4
Concen: 50.426 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

Tgt Ion: 65 Resp: 11996
Ion Ratio Lower Upper
65 100
67 50.8 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: VY014081.D

Acq: 08 Jun 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

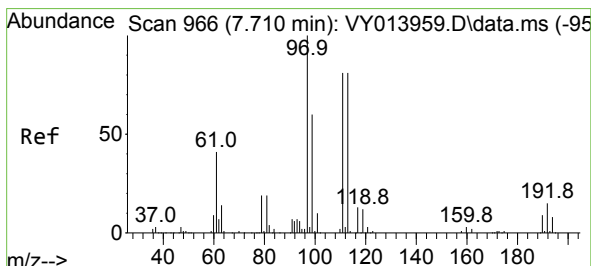
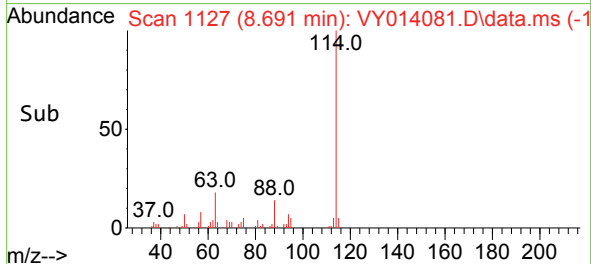
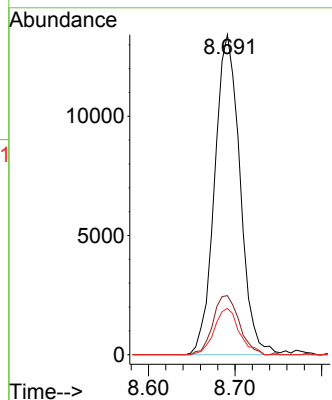
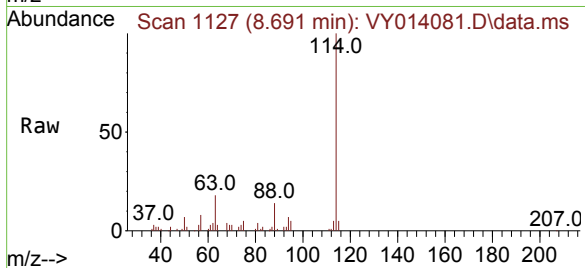
Tgt Ion:114 Resp: 27285

Ion Ratio Lower Upper

114 100

63 18.4 0.0 42.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.685 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY014081.D

Acq: 08 Jun 2023 18:25

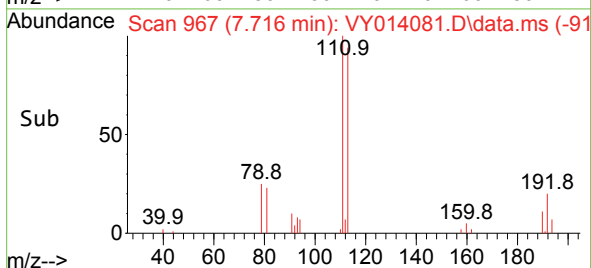
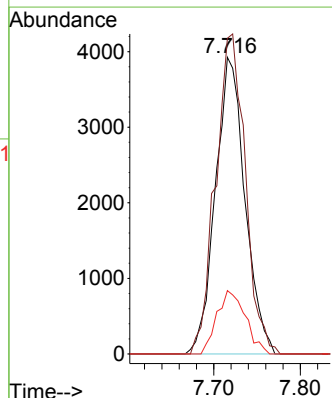
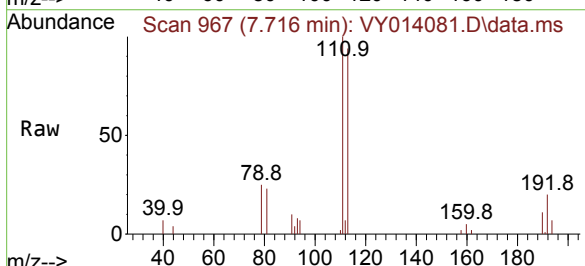
Tgt Ion:113 Resp: 9309

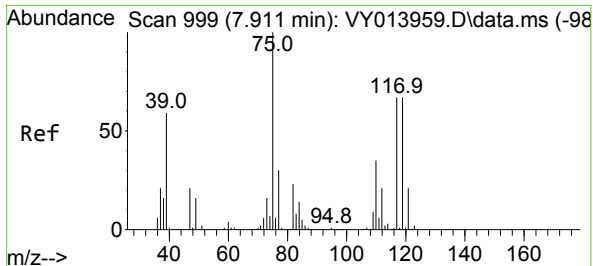
Ion Ratio Lower Upper

113 100

111 108.1 81.3 121.9

192 20.6 16.9 25.3





#36

1,1-Dichloropropene

Concen: 5.416 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY014081.D

Acq: 08 Jun 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-1

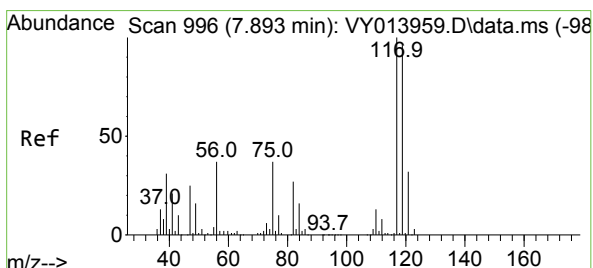
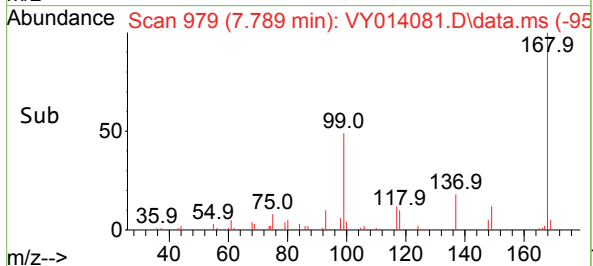
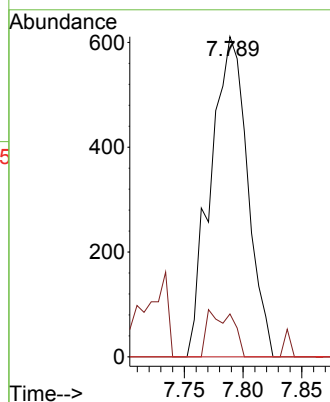
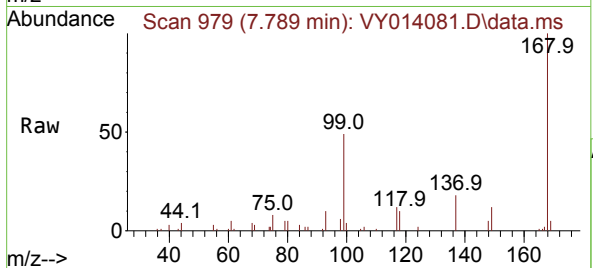
Tgt Ion: 75 Resp: 1338

Ion Ratio Lower Upper

75 100

110 9.9 17.8 53.5#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 7.402 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.104 min

Lab File: VY014081.D

Acq: 08 Jun 2023 18:25

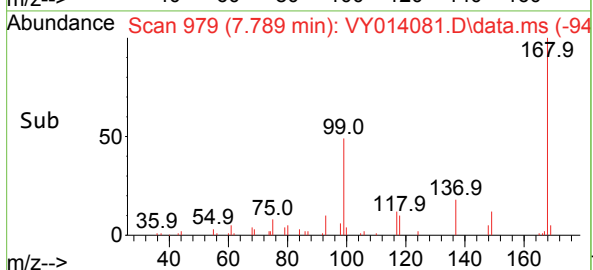
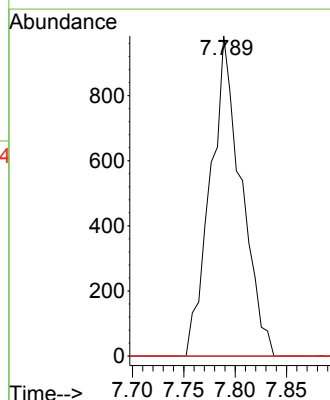
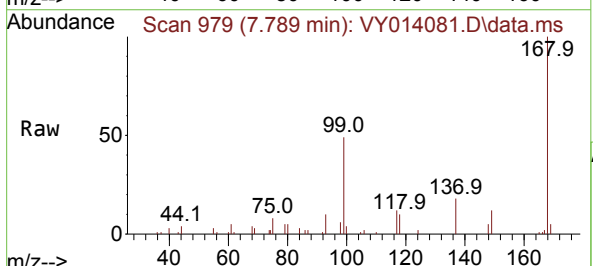
Tgt Ion: 117 Resp: 2049

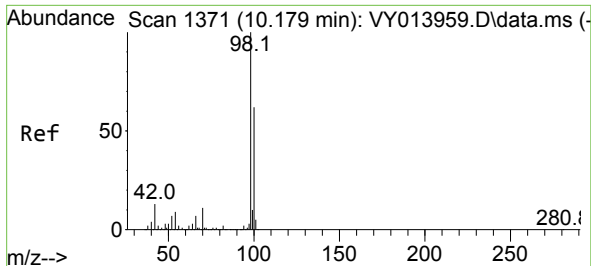
Ion Ratio Lower Upper

117 100

119 0.0 76.4 114.6#

121 0.0 25.8 38.6#

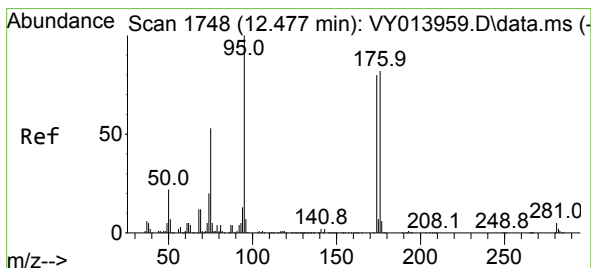
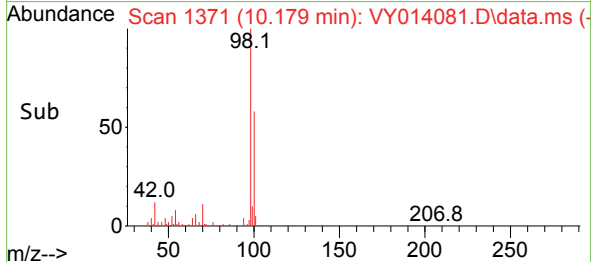
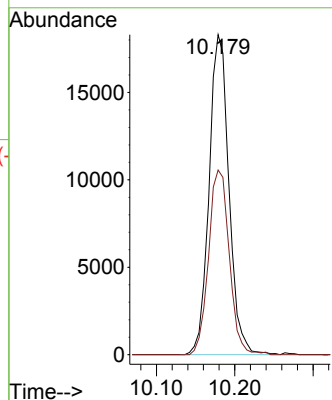
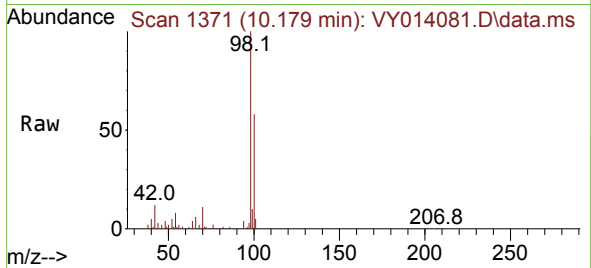




#50
Toluene-d8
Concen: 48.593 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

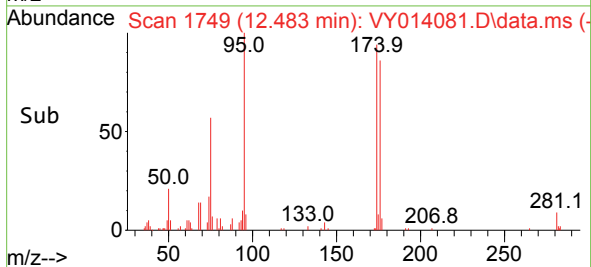
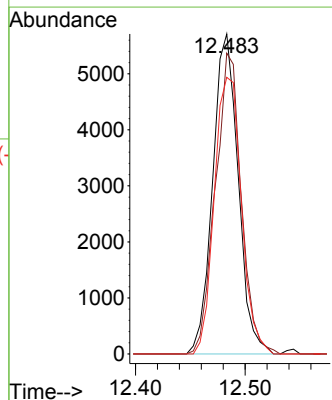
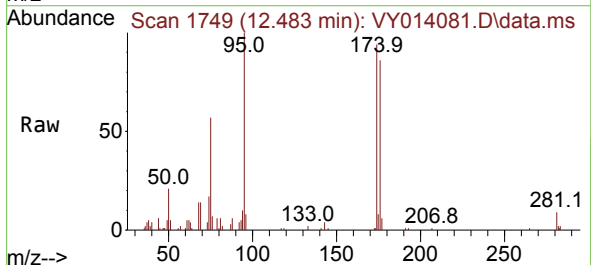
Instrument :
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ClientSampleId :
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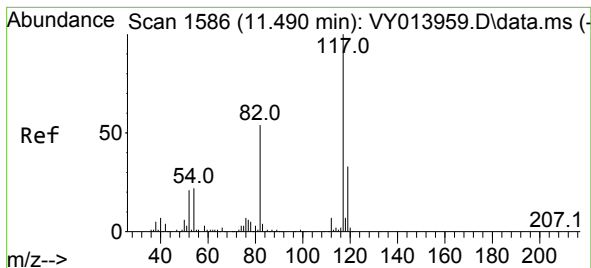
Tgt Ion: 98 Resp: 32140
Ion Ratio Lower Upper
98 100
100 60.3 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 40.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

Tgt Ion: 95 Resp: 9235
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.2
176 91.8 0.0 173.8

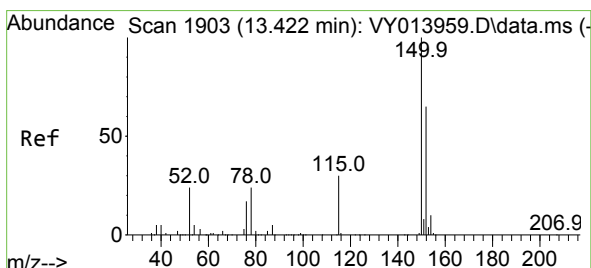
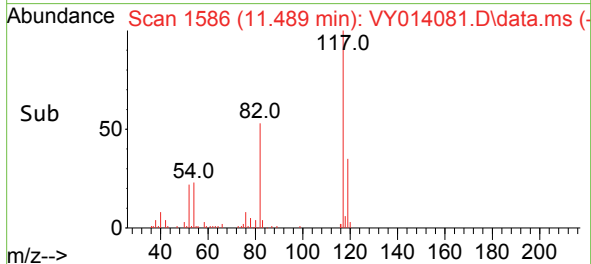
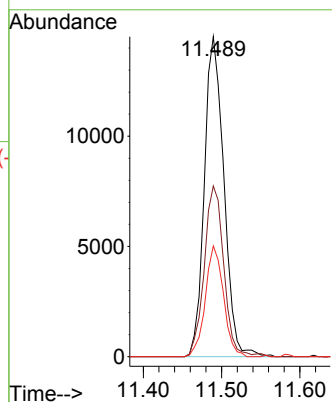
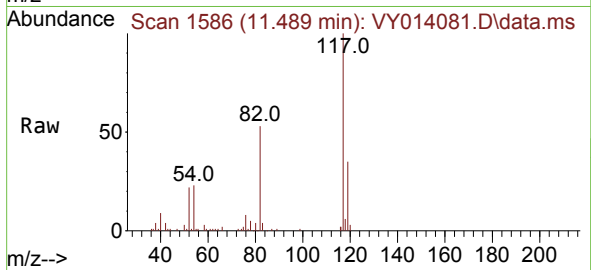




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

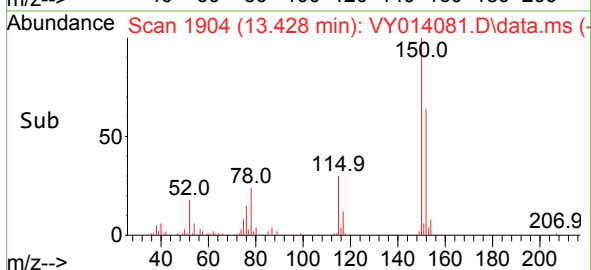
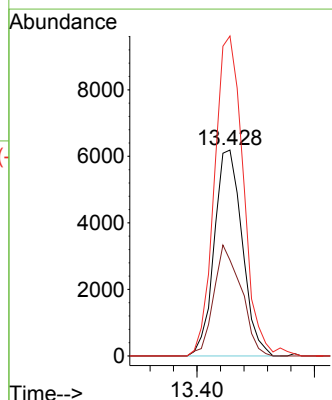
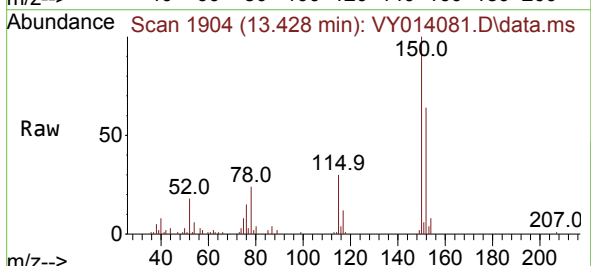
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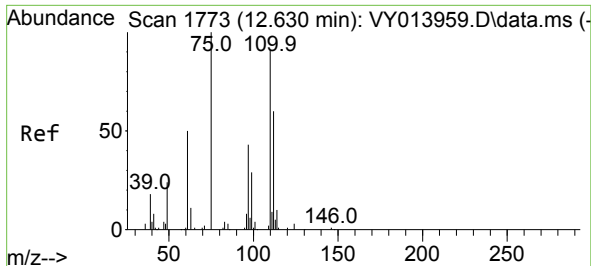
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	34.6	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.0	28.8	86.5
150	160.7	0.0	348.8

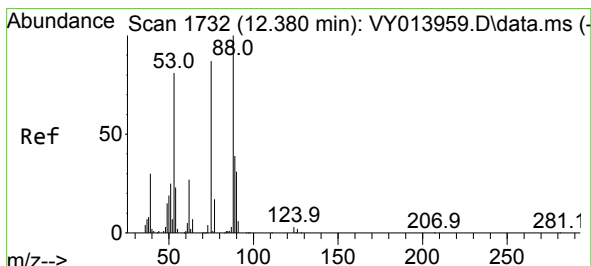
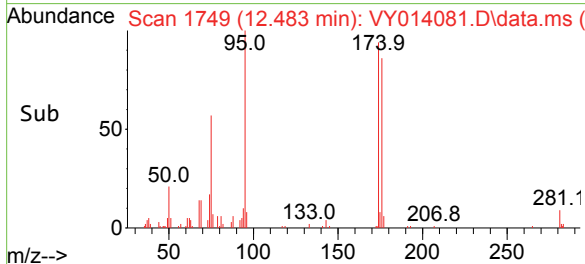
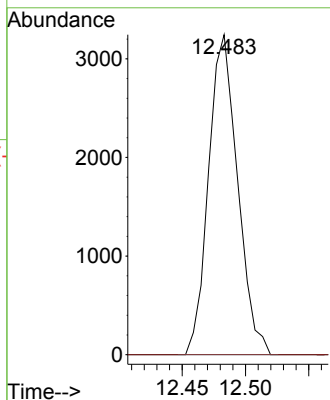
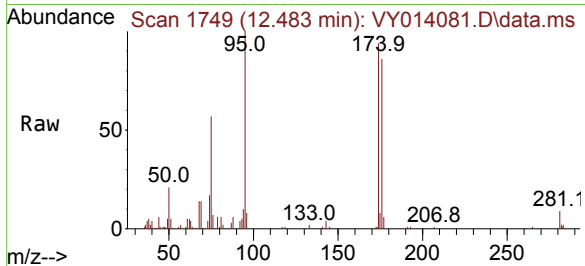




#76
1,2,3-Trichloropropane
Concen: 37.584 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

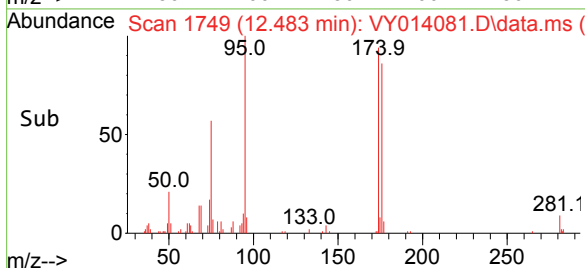
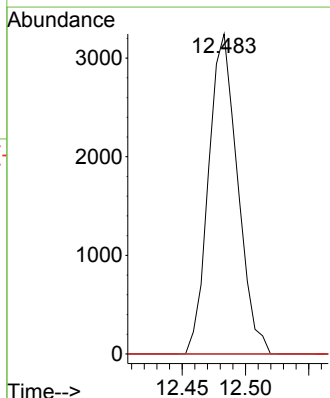
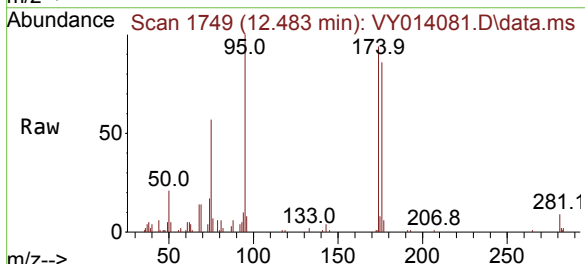
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

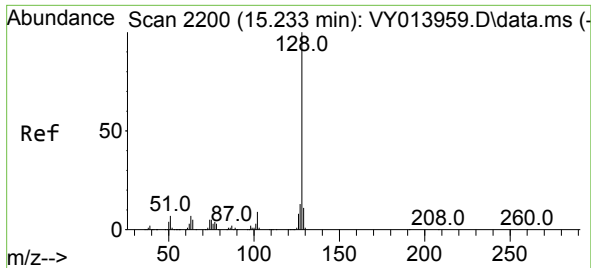
Tgt Ion: 75 Resp: 5179
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 79.734 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY014081.D
Acq: 08 Jun 2023 18:25

Tgt Ion: 75 Resp: 5179
Ion Ratio Lower Upper
75 100
53 0.0 77.8 116.8#
89 0.0 37.4 56.0#





#95

Naphthalene

Concen: 3.993 ug/l

RT: 15.227 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY014081.D

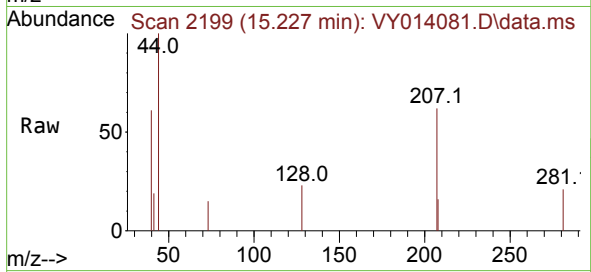
Acq: 08 Jun 2023 18:25

Instrument :

MSVOA_Y

ClientSampleId :

WC-1



Tgt Ion:128 Resp: 58

Ion Ratio Lower Upper

128 100

127 0.0 10.8 16.2#

129 0.0 8.6 13.0#

