

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014030.D
 Acq On : 06 Jun 2023 15:02
 Operator : KP/MD
 Sample : 03039-04
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB31A

Quant Time: Jun 07 01:38:44 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)

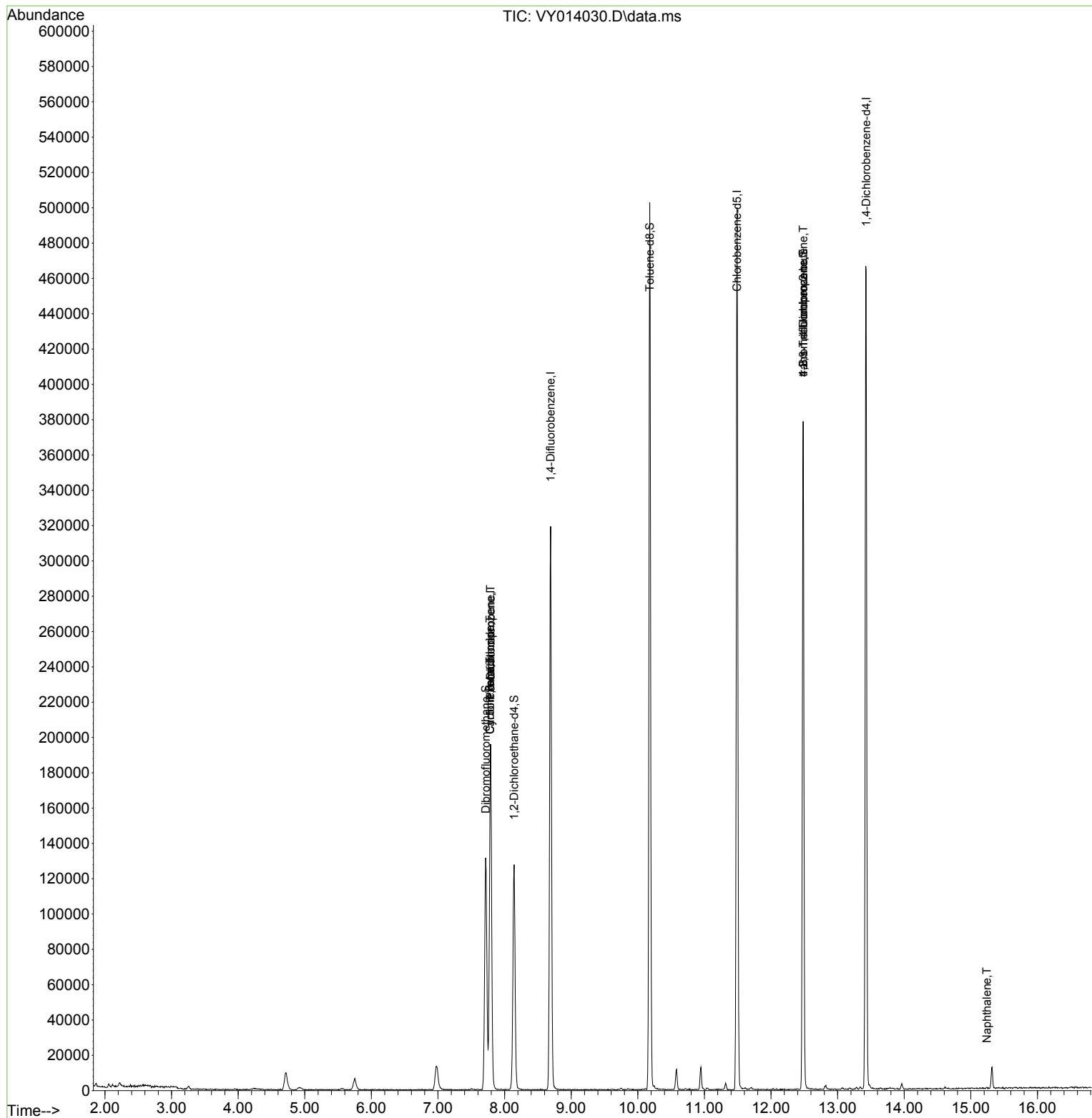
Internal Standards						
1) Pentafluorobenzene	7.789	168	150410	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	256280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	104598	52.533	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.060%	
35) Dibromofluoromethane	7.716	113	88390	54.271	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.540%	
50) Toluene-d8	10.179	98	322850	51.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.940%	
62) 4-Bromofluorobenzene	12.483	95	107192	50.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.220%	
Target Compounds						Qvalue
20) Methylene Chloride	4.722	84	6489	Below Cal	93	
31) Cyclohexane	7.783	56	3539	1.476	ug/l #	18
36) 1,1-Dichloropropene	7.789	75	11482	4.948	ug/l #	47
38) Carbon Tetrachloride	7.783	117	14316	5.506	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	60303	36.368	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	60303	77.155	ug/l #	11
95) Naphthalene	15.239	128	398	3.945	ug/l #	79

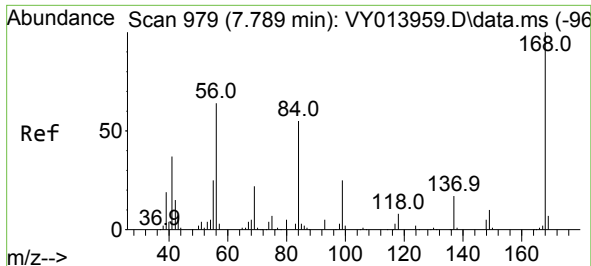
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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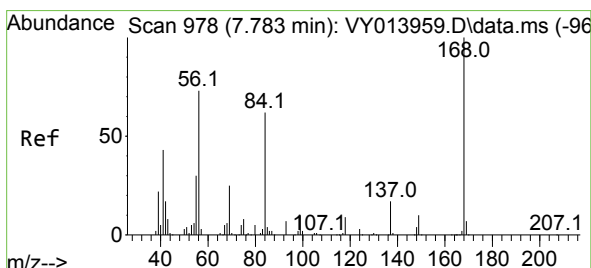
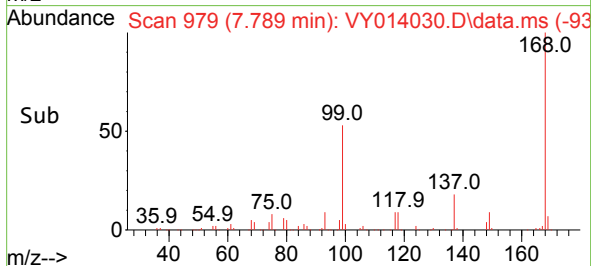
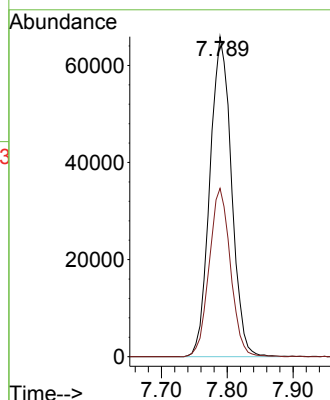
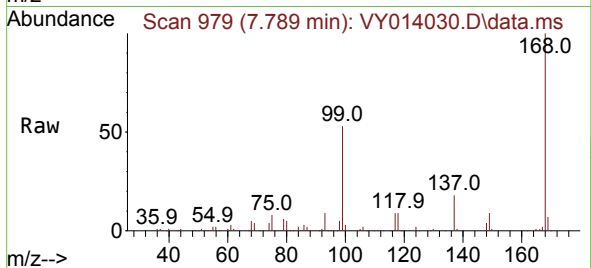




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

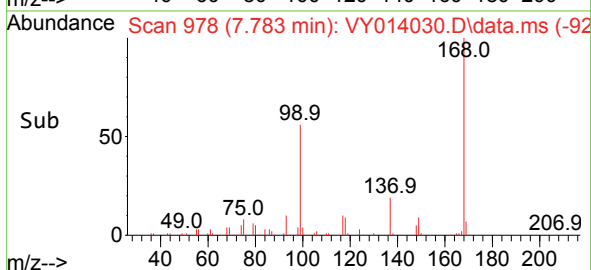
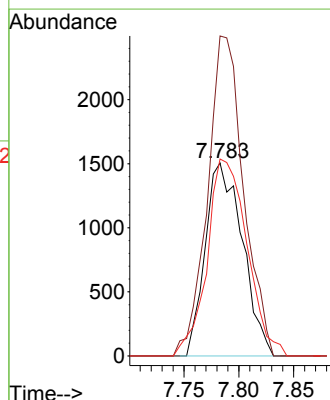
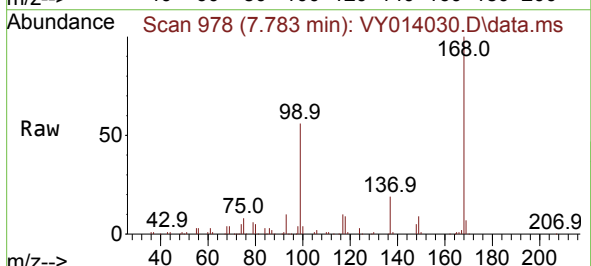
Instrument :
MSVOA_Y
ClientSampleId :
SB31A

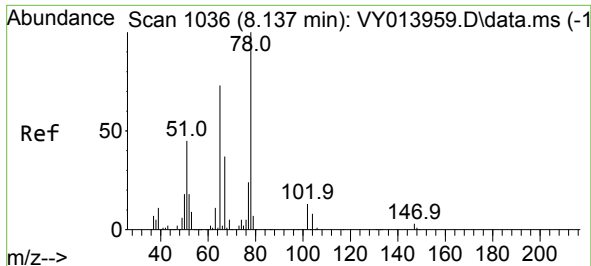
Tgt Ion:168 Resp: 150410
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#31
Cyclohexane
Concen: 1.476 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 56 Resp: 3539
Ion Ratio Lower Upper
56 100
69 165.8 27.8 41.6#
84 102.1 66.4 99.6#

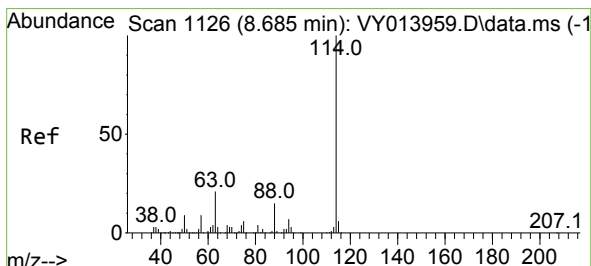
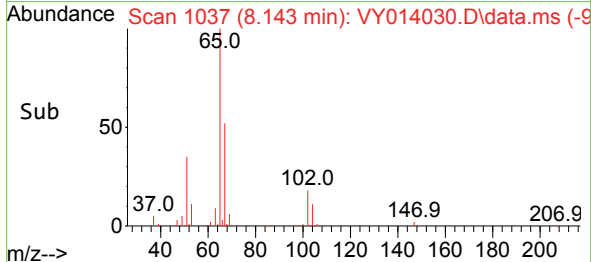
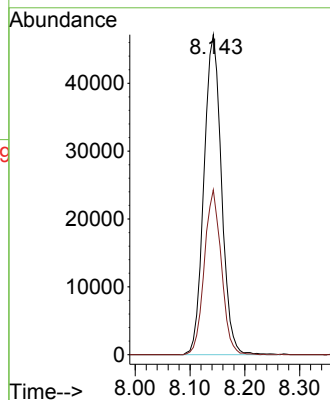
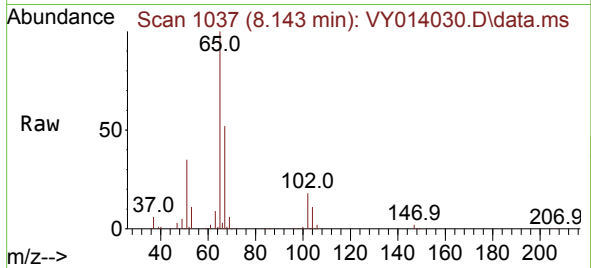




#33
 1,2-Dichloroethane-d4
 Concen: 52.533 ug/l
 RT: 8.143 min Scan# 1036
 Delta R.T. 0.006 min
 Lab File: VY014030.D
 Acq: 06 Jun 2023 15:02

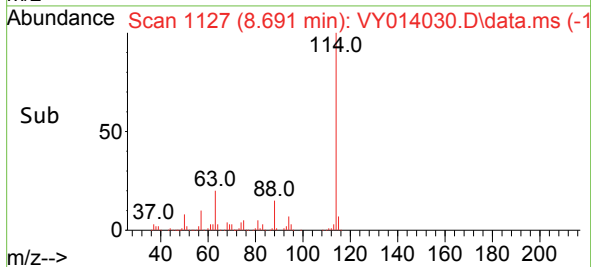
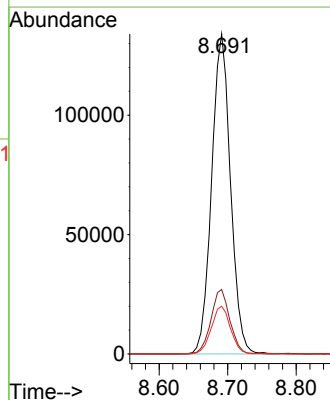
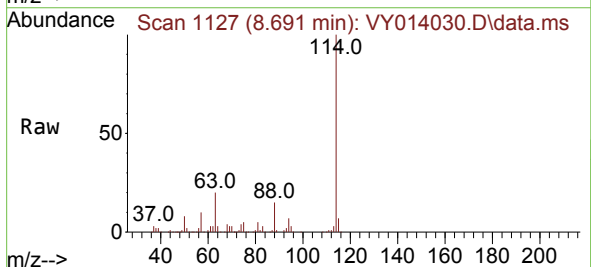
Instrument :
 MSVOA_Y
 ClientSampleId :
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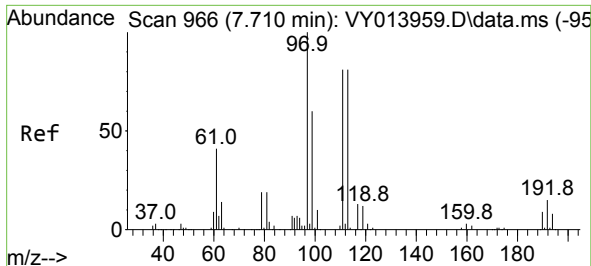
Tgt Ion: 65 Resp: 104598
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY014030.D
 Acq: 06 Jun 2023 15:02

Tgt Ion: 114 Resp: 256280
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.4
 88 14.9 0.0 30.6

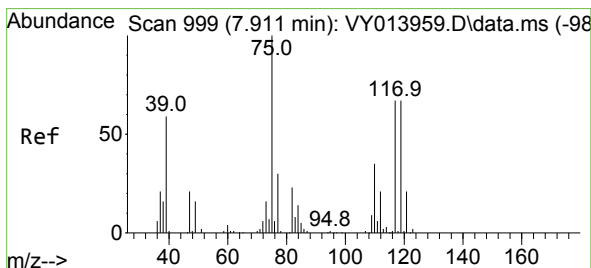
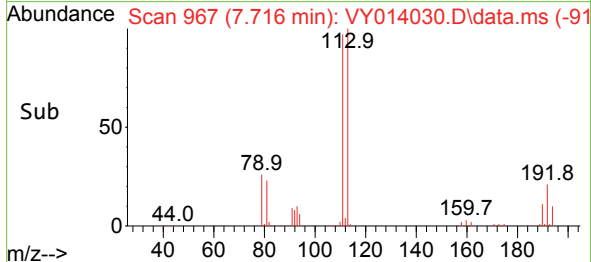
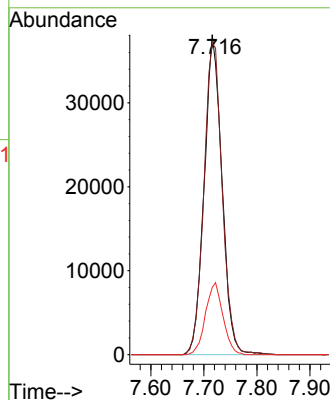
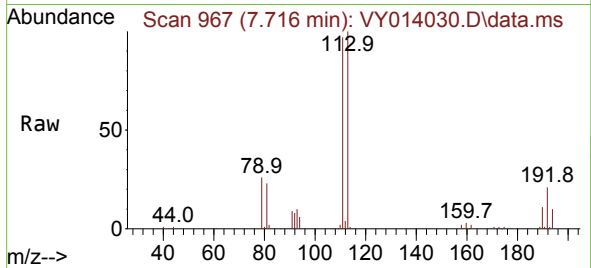




#35
Dibromofluoromethane
Concen: 54.271 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

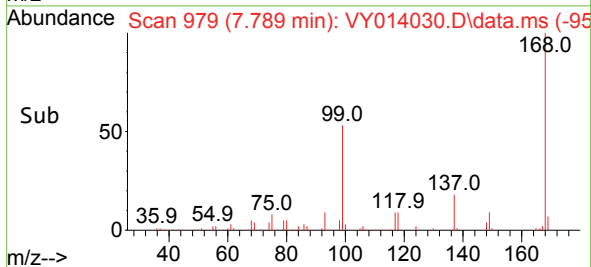
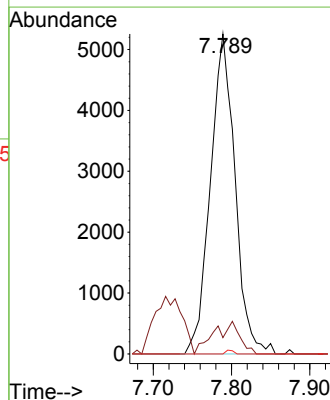
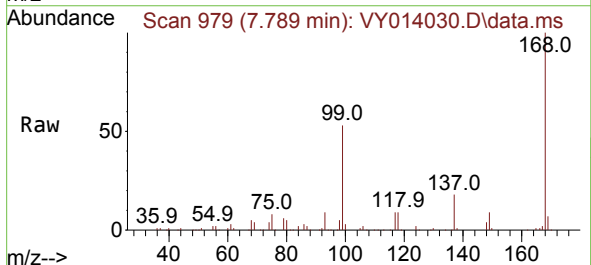
Instrument :
MSVOA_Y
ClientSampleId :
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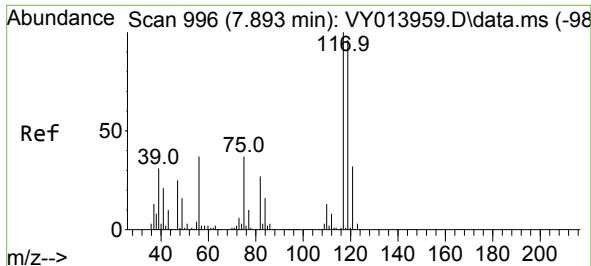
Tgt Ion:113 Resp: 88390
Ion Ratio Lower Upper
113 100
111 100.8 81.3 121.9
192 22.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.948 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 75 Resp: 11482
Ion Ratio Lower Upper
75 100
110 5.5 17.8 53.5#
77 0.4 24.4 36.6#

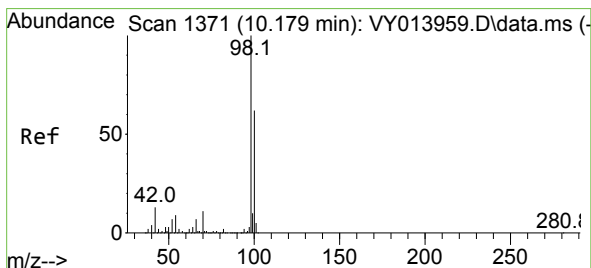
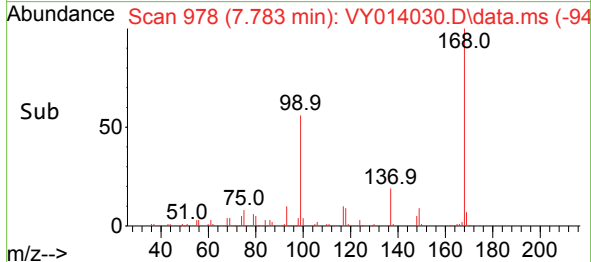
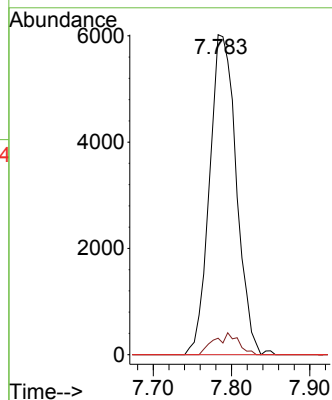
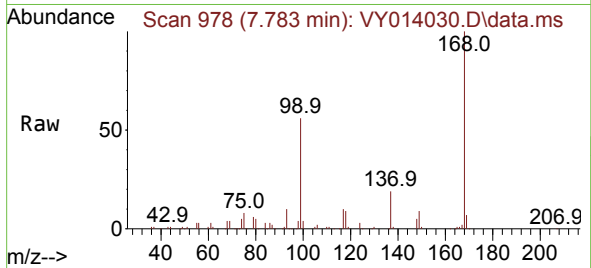




#38
Carbon Tetrachloride
Concen: 5.506 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

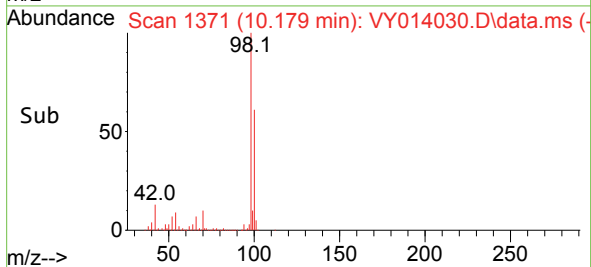
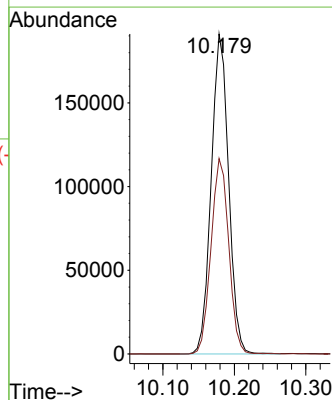
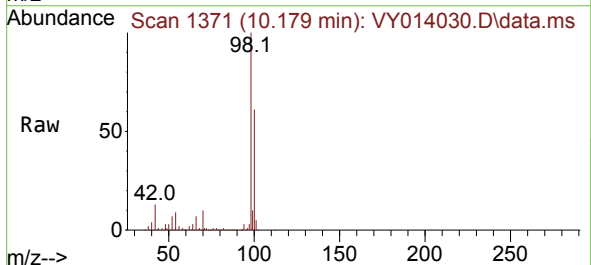
Instrument :
MSVOA_Y
ClientSampleId :
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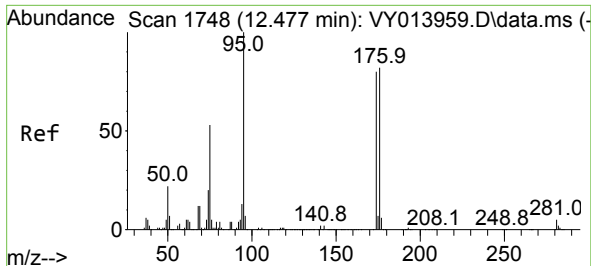
Tgt Ion:117 Resp: 14316
Ion Ratio Lower Upper
117 100
119 5.1 76.4 114.6#
121 0.0 25.8 38.6#



#50
Toluene-d8
Concen: 51.968 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 98 Resp: 322850
Ion Ratio Lower Upper
98 100
100 62.2 50.1 75.1

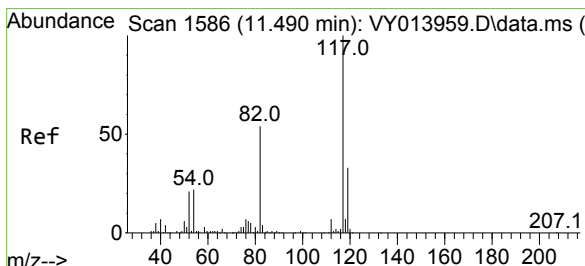
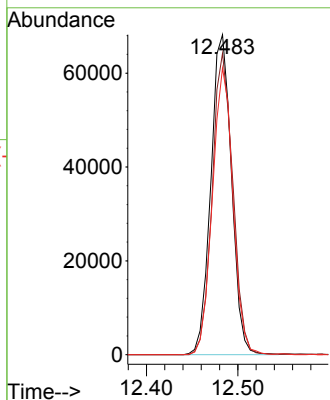
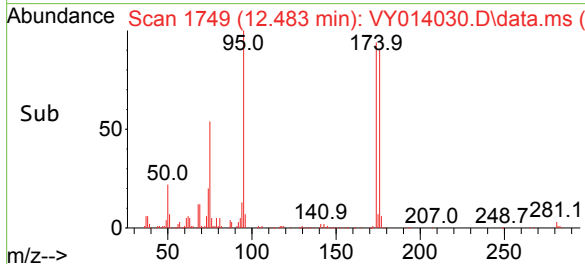
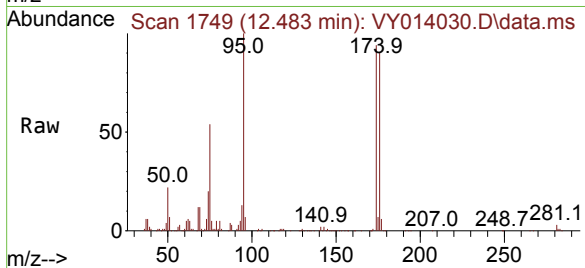




#62
4-Bromofluorobenzene
Concen: 50.611 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

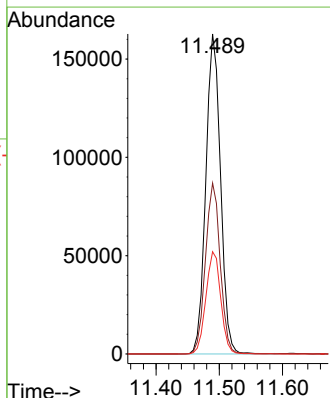
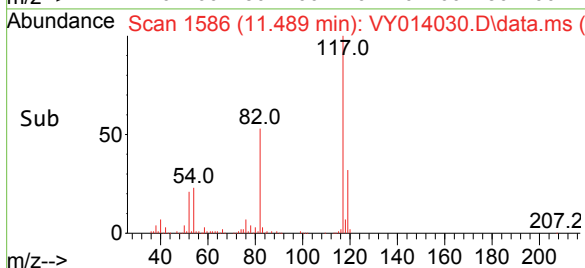
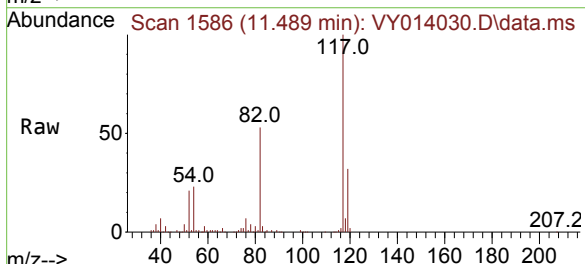
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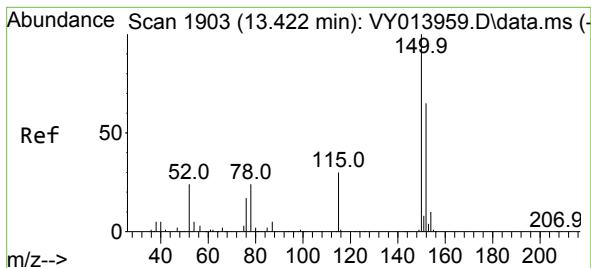
Tgt Ion: 95 Resp: 107192
Ion Ratio Lower Upper
95 100
174 94.1 0.0 178.2
176 89.1 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 117 Resp: 263549
Ion Ratio Lower Upper
117 100
82 53.4 43.4 65.0
119 32.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY014030.D

Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_Y

ClientSampleId :

SB31A

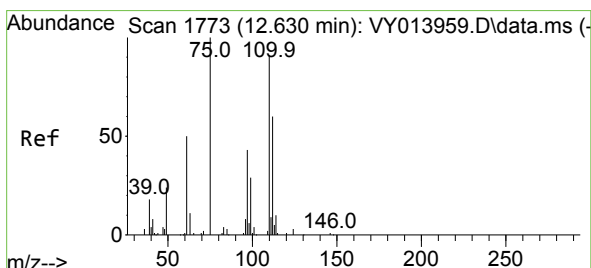
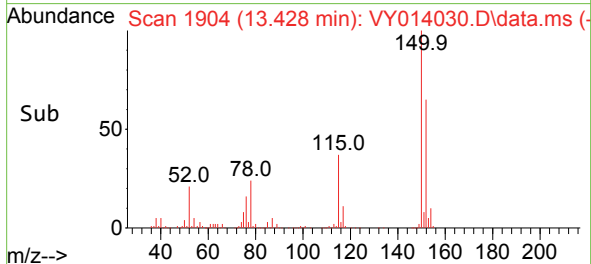
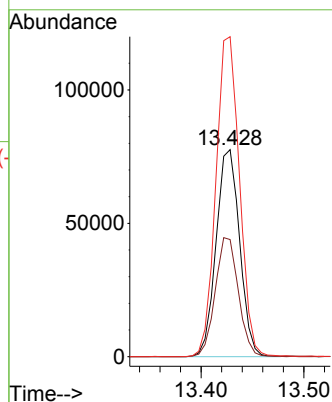
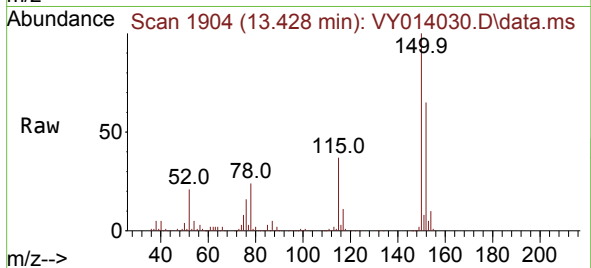
Tgt Ion:152 Resp: 123218

Ion Ratio Lower Upper

152 100

115 56.7 28.8 86.5

150 155.0 0.0 348.8



#76

1,2,3-Trichloropropane

Concen: 36.368 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY014030.D

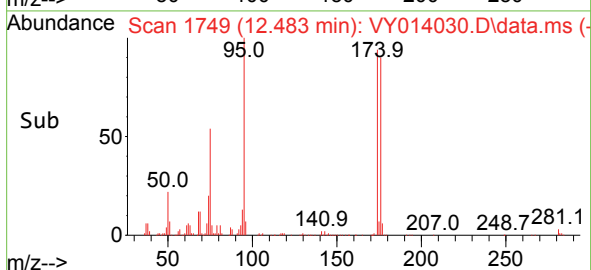
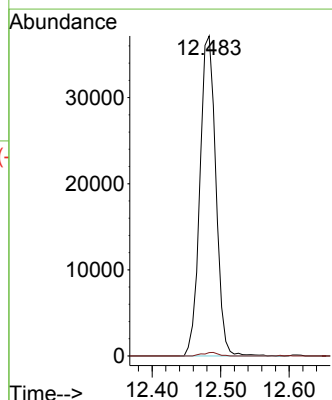
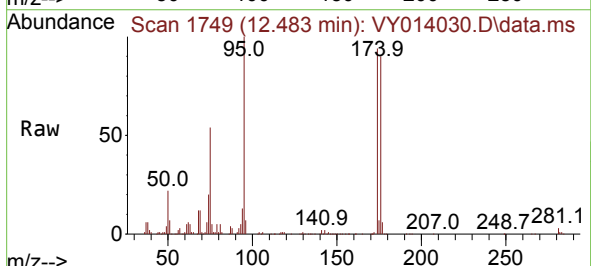
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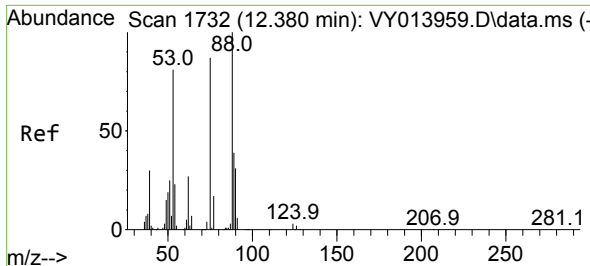
Tgt Ion: 75 Resp: 60303

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#

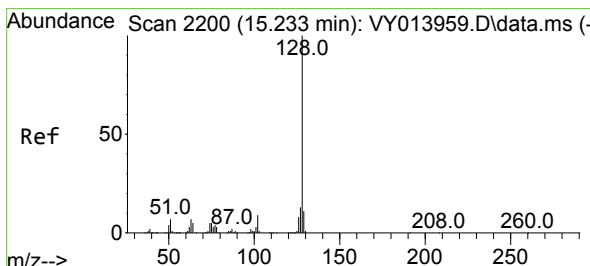
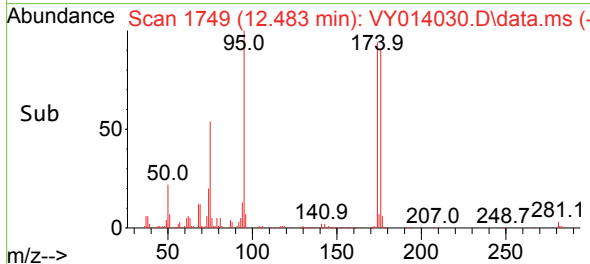
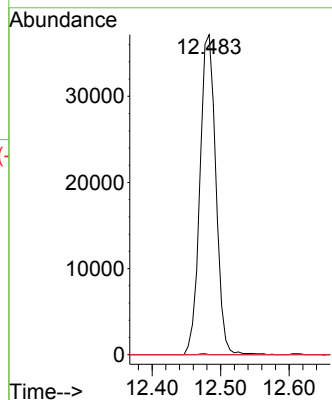
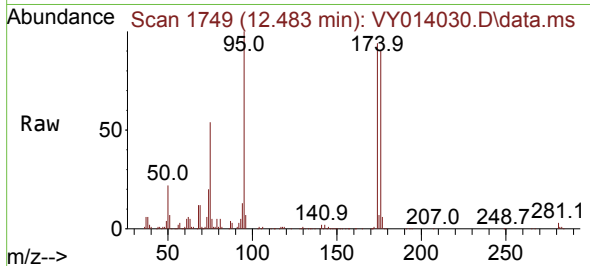




#81
trans-1,4-Dichloro-2-butene
Concen: 77.155 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

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Tgt Ion: 75 Resp: 60303
Ion Ratio Lower Upper
75 100
53 0.1 77.8 116.8#
89 0.0 37.4 56.0#



#95
Naphthalene
Concen: 3.945 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY014030.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 128 Resp: 398
Ion Ratio Lower Upper
128 100
127 7.3 10.8 16.2#
129 0.0 8.6 13.0#

