

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013542.D
 Acq On : 01 May 2023 16:50
 Operator : KP/MD
 Sample : 02563-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-042823

Quant Time: May 01 22:50:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

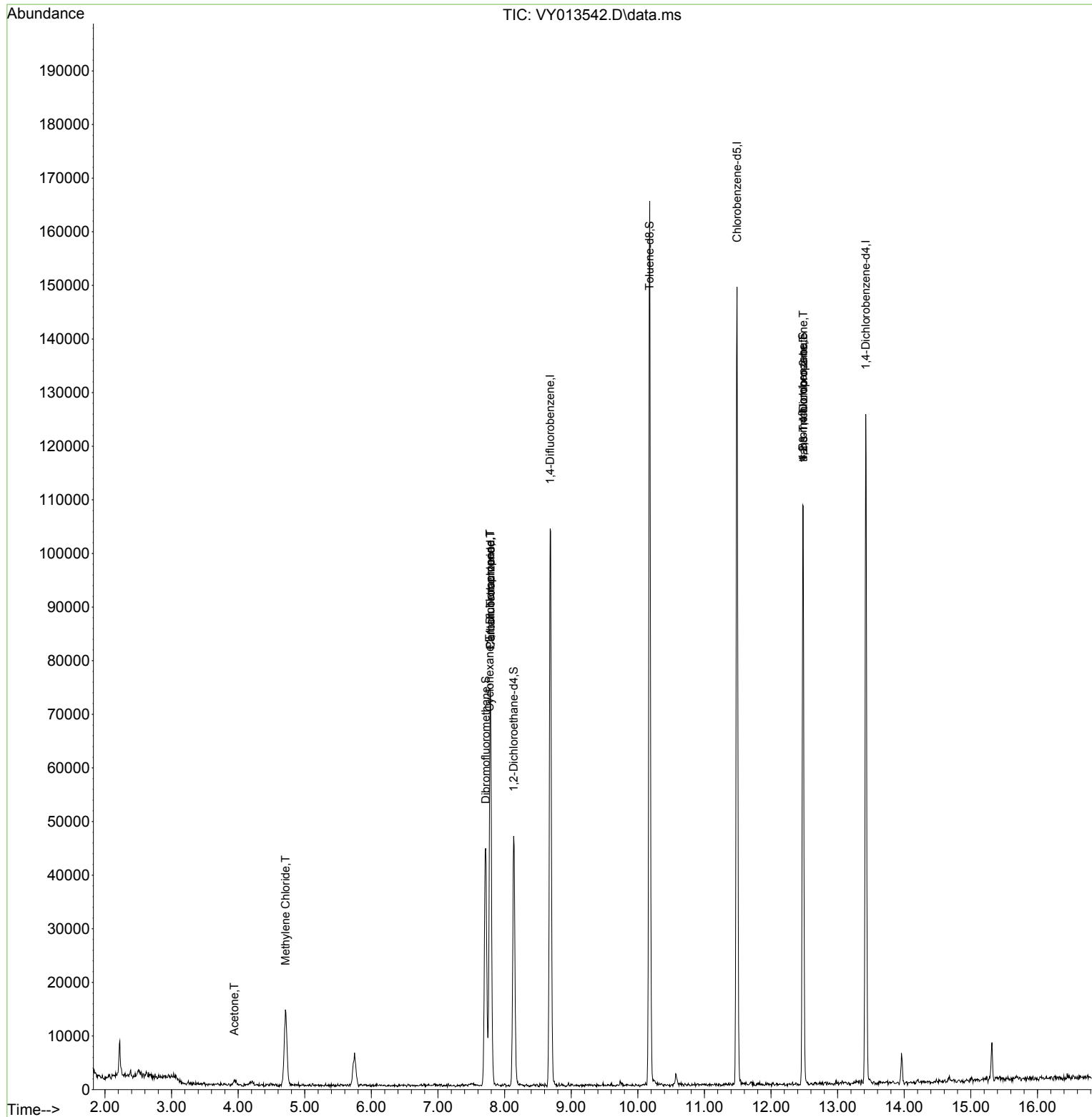
Internal Standards						
1) Pentafluorobenzene	7.789	168	58598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	89298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	82332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	38594	60.081	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 120.160%	
35) Dibromofluoromethane	7.716	113	31905	56.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.620%	
50) Toluene-d8	10.179	98	106120	53.113	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.220%	
62) 4-Bromofluorobenzene	12.477	95	30501	45.282	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.560%	
Target Compounds						
					Qvalue	
13) Acrolein	3.735	56	53	Below Cal	#	16
16) Acetone	3.942	43	1537	6.076	ug/l #	77
20) Methylene Chloride	4.710	84	9594	4.792	ug/l #	69
31) Cyclohexane	7.777	56	1336	1.162	ug/l #	8
36) 1,1-Dichloropropene	7.783	75	4472	4.798	ug/l #	46
38) Carbon Tetrachloride	7.789	117	5719	5.854	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	16687	38.277	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	16687	78.297	ug/l #	12

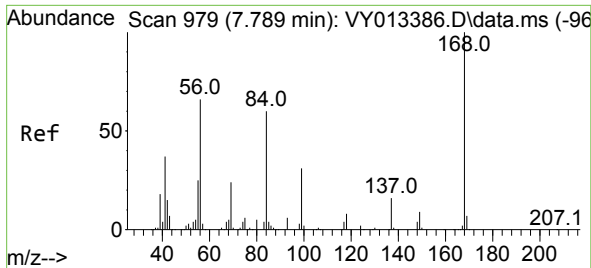
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

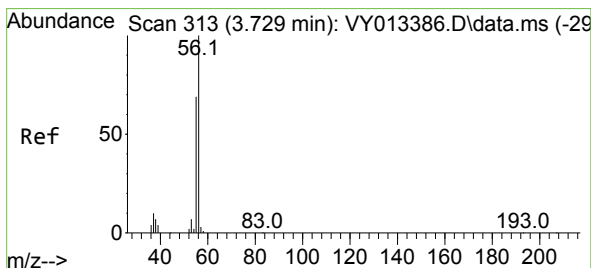
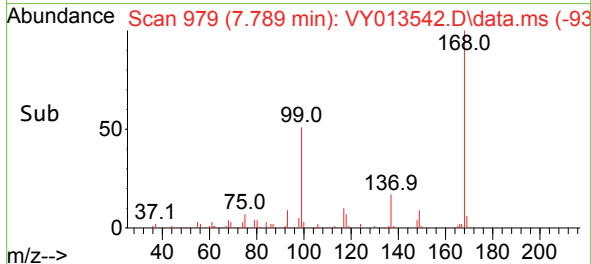
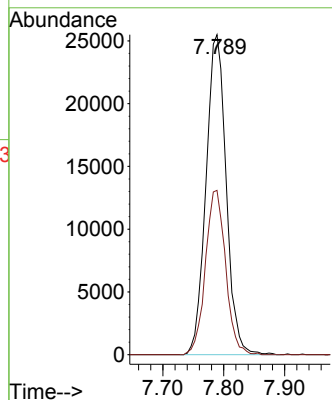
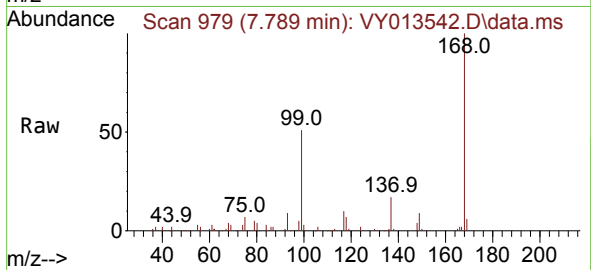




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

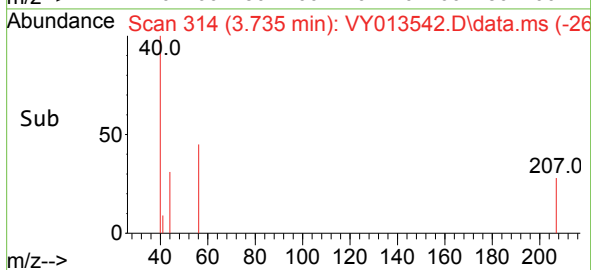
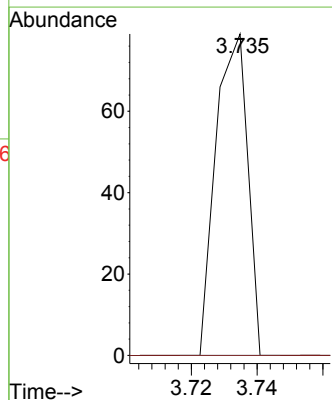
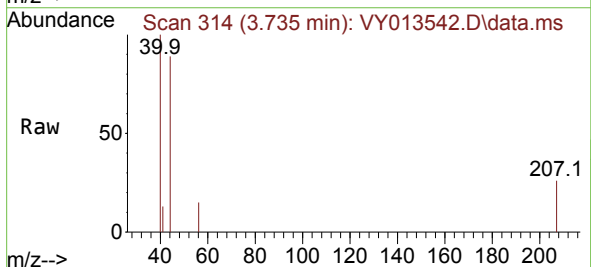
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042823

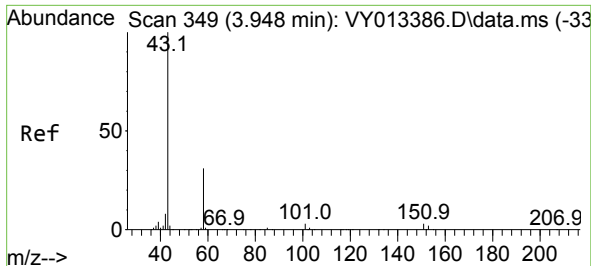
Tgt Ion:168 Resp: 58598
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6



#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 0.0 54.1 81.1#





#16

Acetone

Concen: 6.076 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.006 min

Lab File: VY013542.D

Acq: 01 May 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

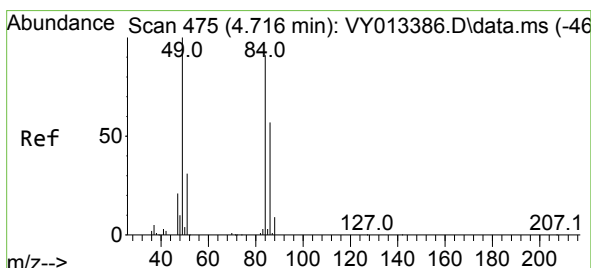
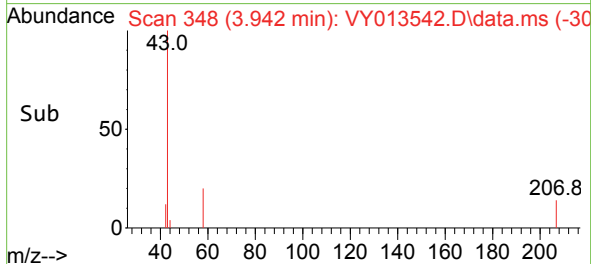
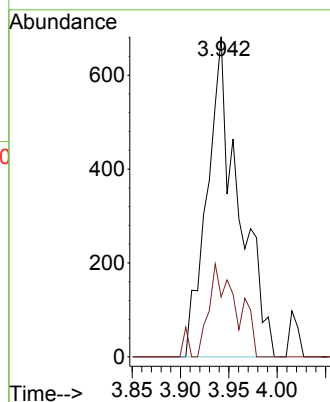
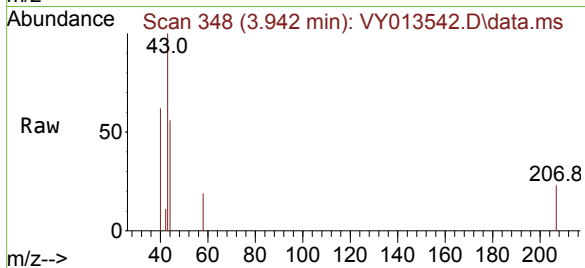
HR-01-042823

Tgt Ion: 43 Resp: 1537

Ion Ratio Lower Upper

43 100

58 18.8 25.4 38.0#



#20

Methylene Chloride

Concen: 4.792 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013542.D

Acq: 01 May 2023 16:50

Tgt Ion: 84 Resp: 9594

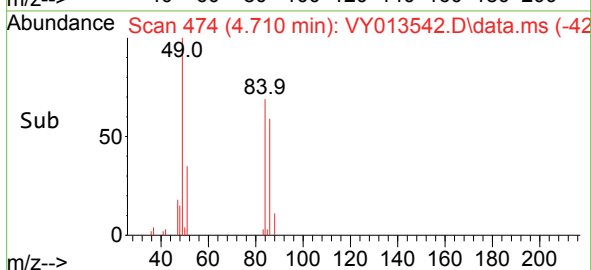
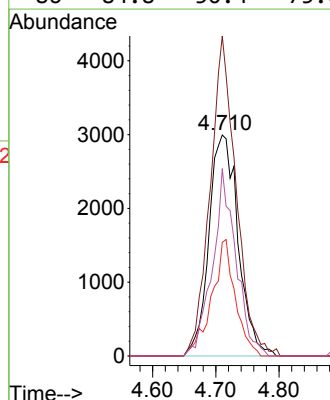
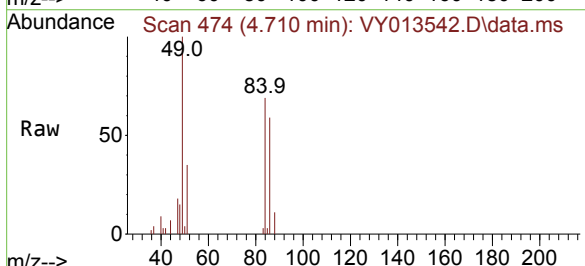
Ion Ratio Lower Upper

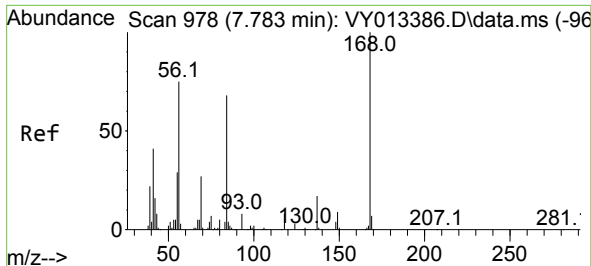
84 100

49 144.9 88.0 132.0#

51 51.4 27.4 41.0#

86 84.8 50.4 75.6#

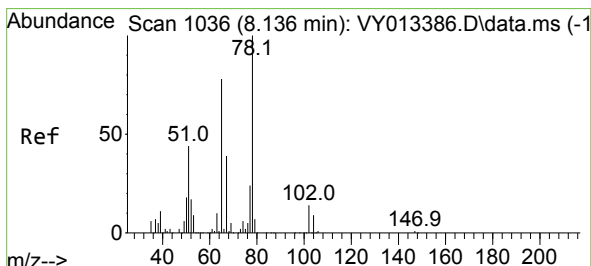
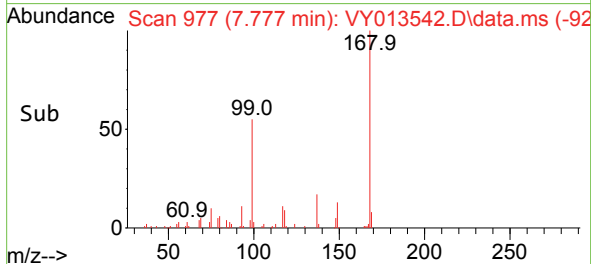
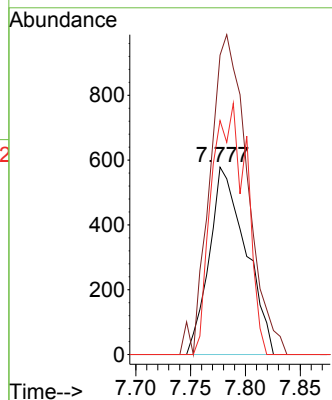
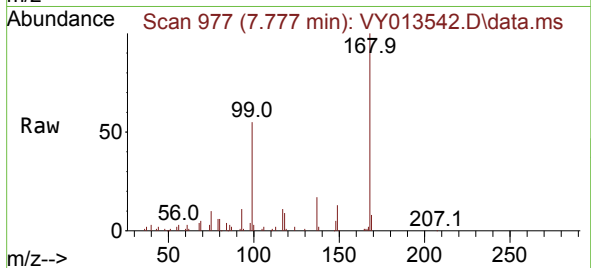




#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

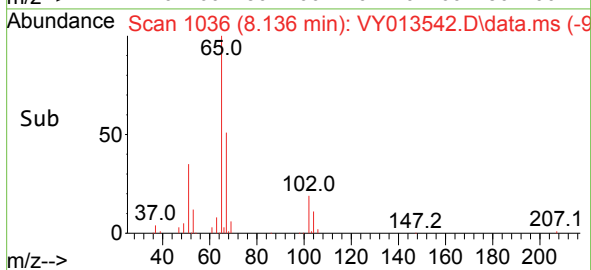
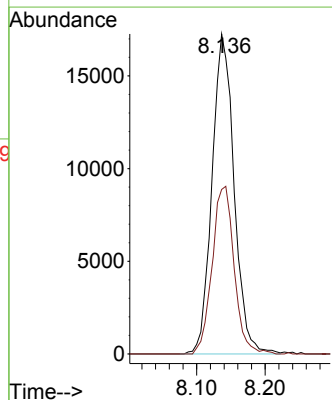
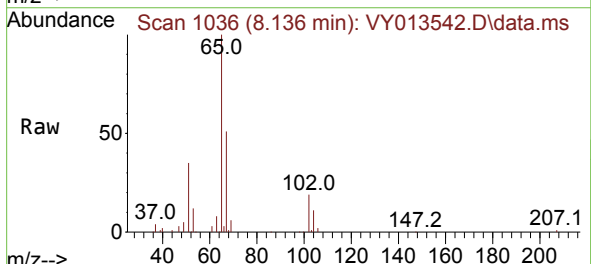
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042823

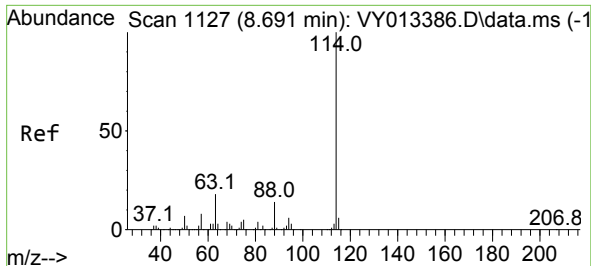
Tgt Ion: 56 Resp: 1336
Ion Ratio Lower Upper
56 100
69 159.9 29.2 43.8#
84 134.9 73.0 109.6#



#33
1,2-Dichloroethane-d4
Concen: 60.081 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

Tgt Ion: 65 Resp: 38594
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.4

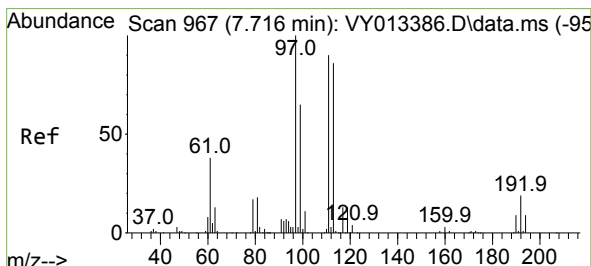
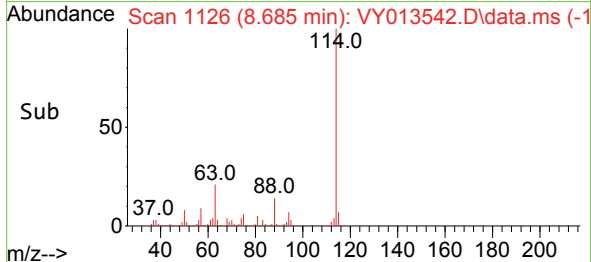
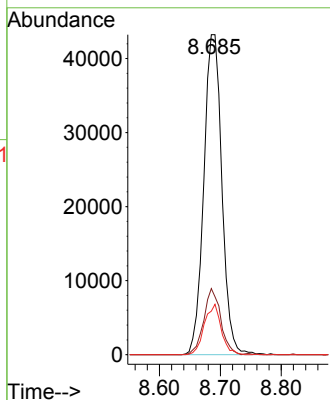
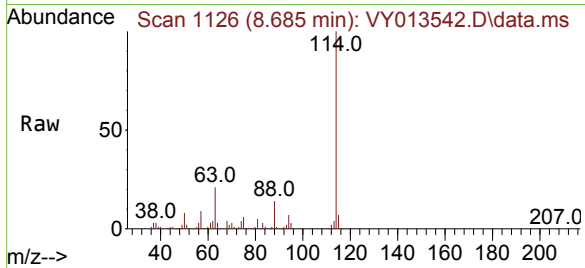




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

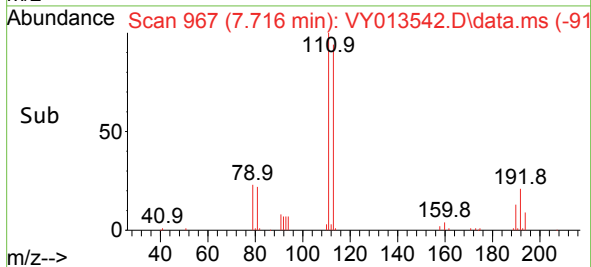
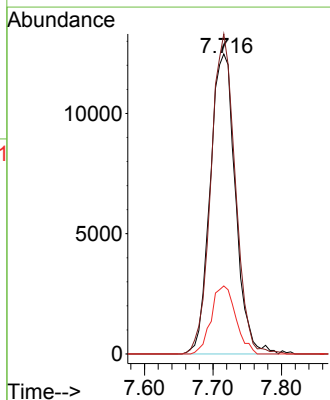
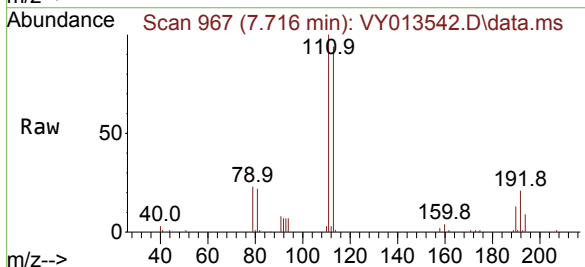
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042823

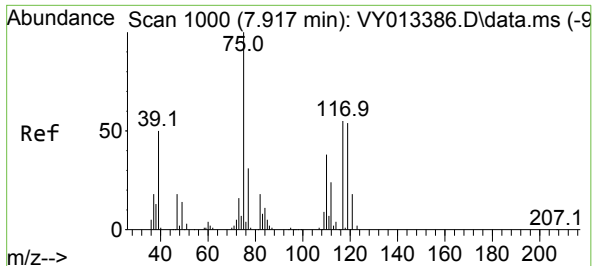
Tgt Ion:114 Resp: 89298
Ion Ratio Lower Upper
114 100
63 20.7 0.0 36.6
88 13.6 0.0 28.8



#35
Dibromofluoromethane
Concen: 56.806 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

Tgt Ion:113 Resp: 31905
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 22.0 16.7 25.1

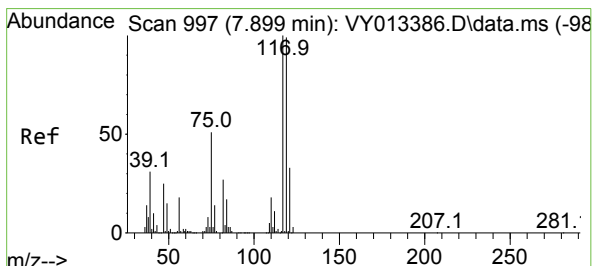
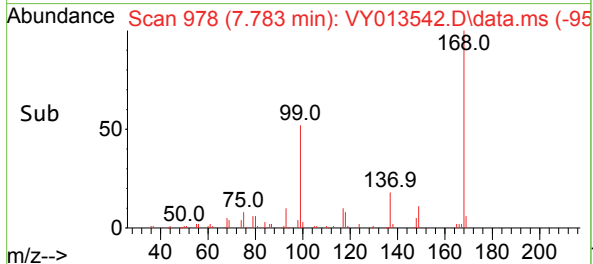
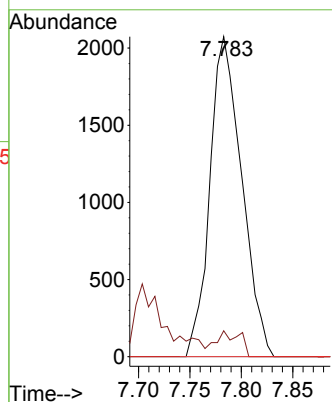
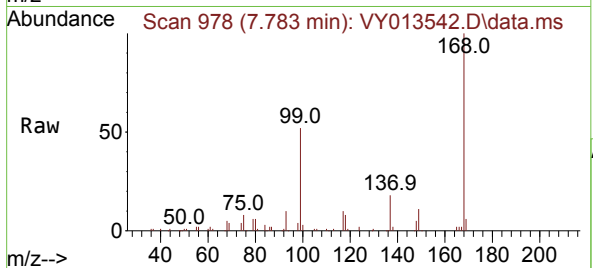




#36
1,1-Dichloropropene
Concen: 4.798 ug/l
RT: 7.783 min Scan# 911
Delta R.T. -0.134 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

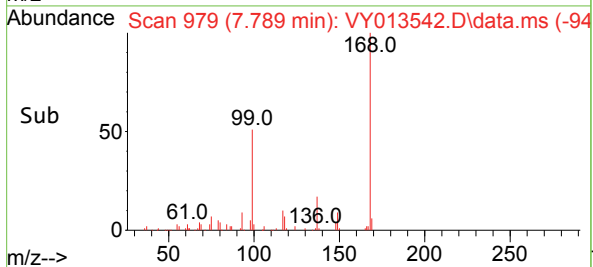
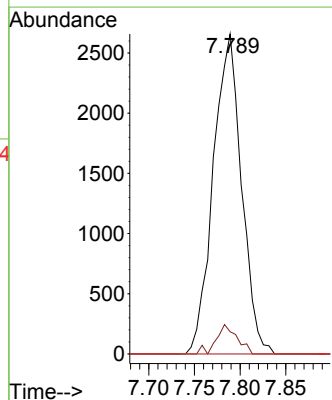
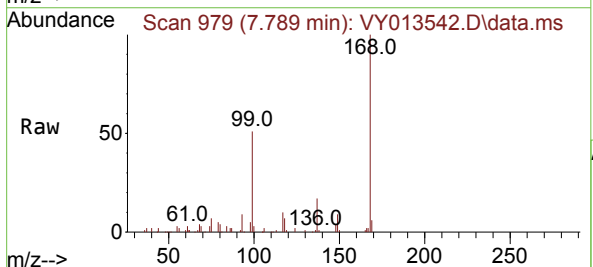
Instrument :
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ClientSampleId :
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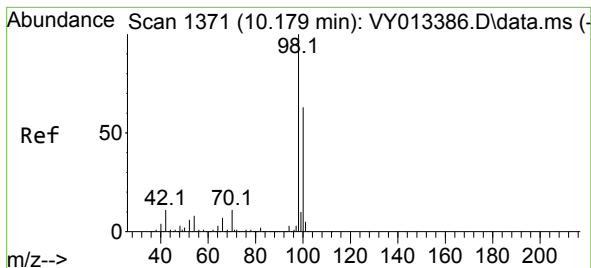
Tgt Ion: 75 Resp: 4472
Ion Ratio Lower Upper
75 100
110 6.1 18.7 56.1#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.854 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

Tgt Ion: 117 Resp: 5719
Ion Ratio Lower Upper
117 100
119 6.9 79.0 118.6#
121 0.0 26.6 40.0#

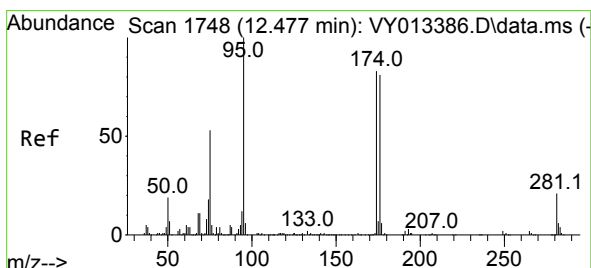
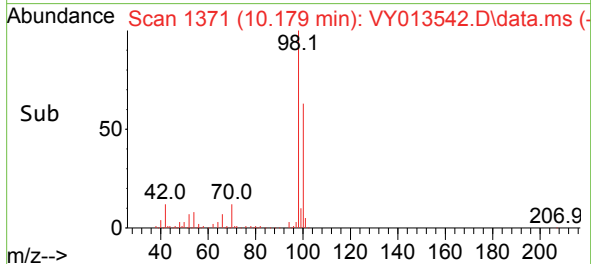
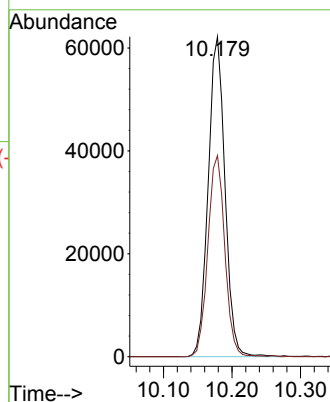
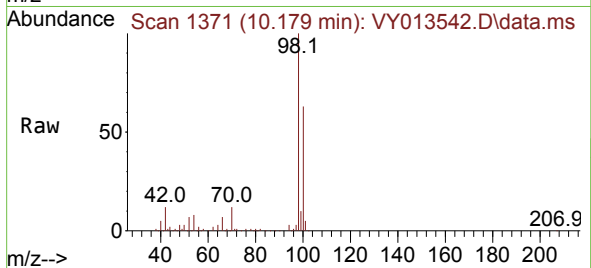




#50
Toluene-d8
Concen: 53.113 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

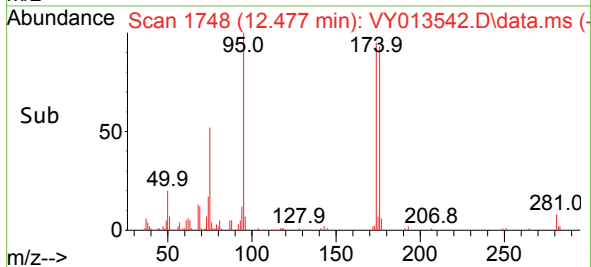
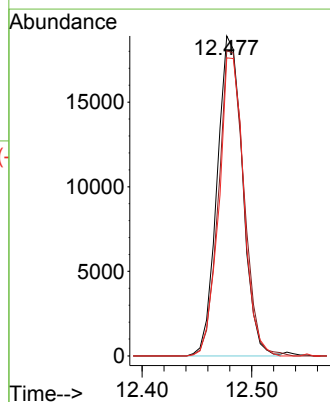
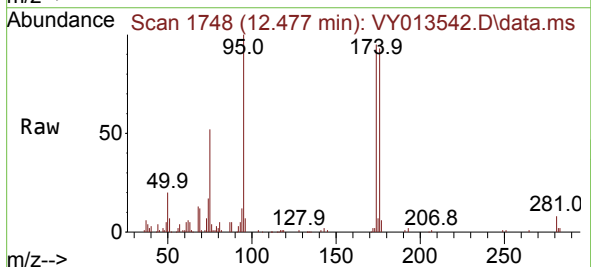
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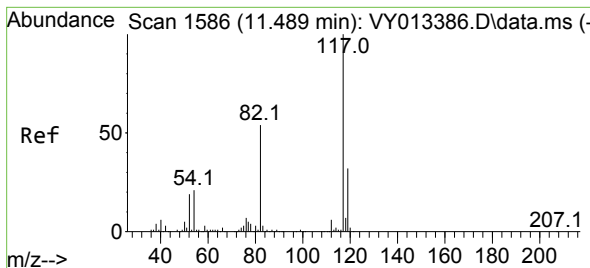
Tgt Ion: 98 Resp: 106120
Ion Ratio Lower Upper
98 100
100 63.3 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 45.282 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

Tgt Ion: 95 Resp: 30501
Ion Ratio Lower Upper
95 100
174 95.1 0.0 182.0
176 91.0 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013542.D

Acq: 01 May 2023 16:50

Instrument :

MSVOA_Y

ClientSampleId :

HR-01-042823

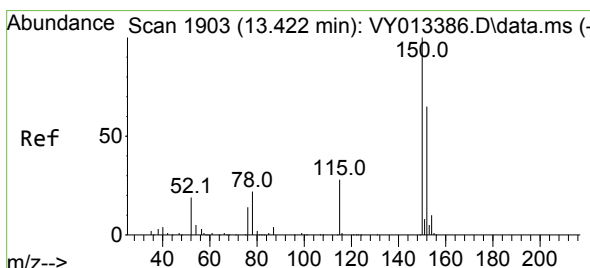
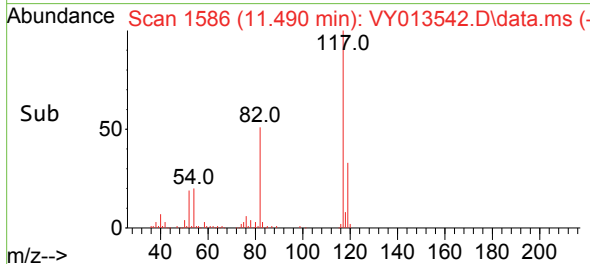
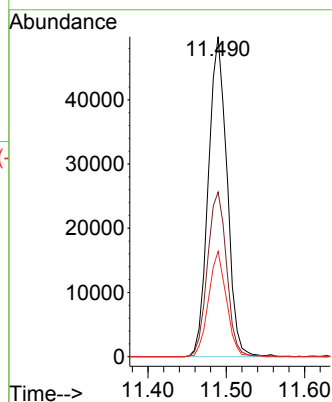
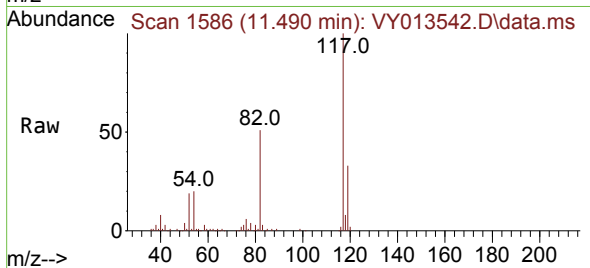
Tgt Ion:117 Resp: 82332

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.6

119 32.9 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013542.D

Acq: 01 May 2023 16:50

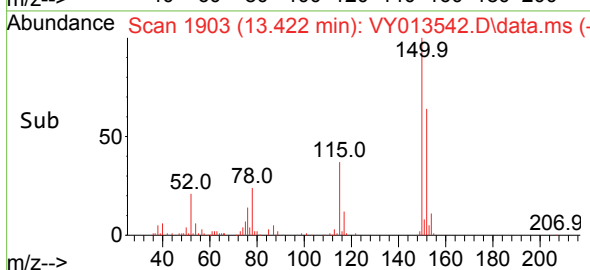
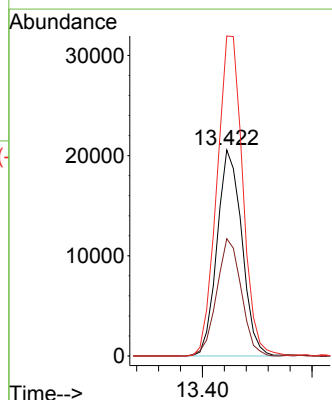
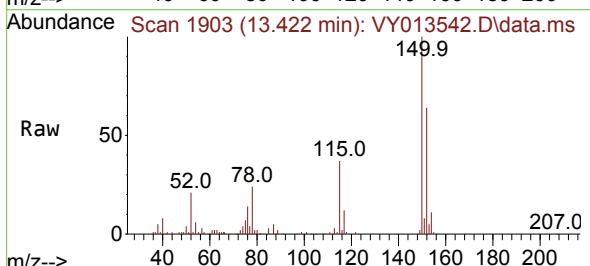
Tgt Ion:152 Resp: 32326

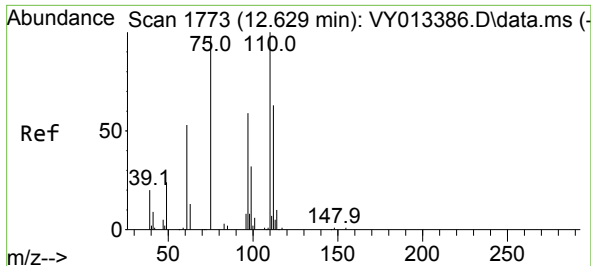
Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 161.6 0.0 352.0

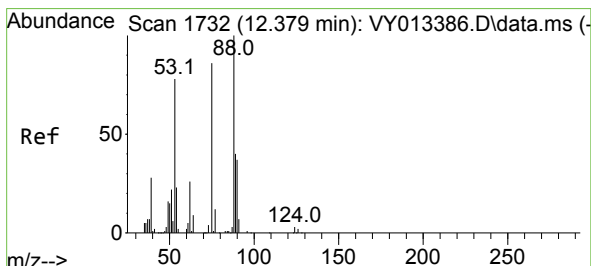
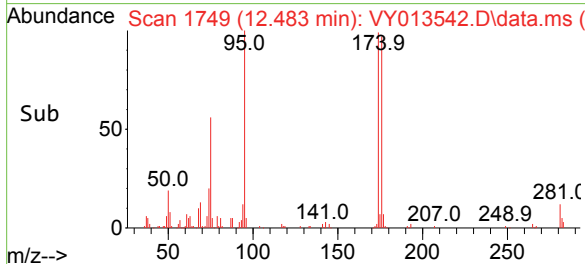
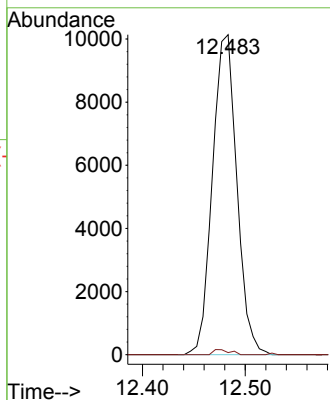
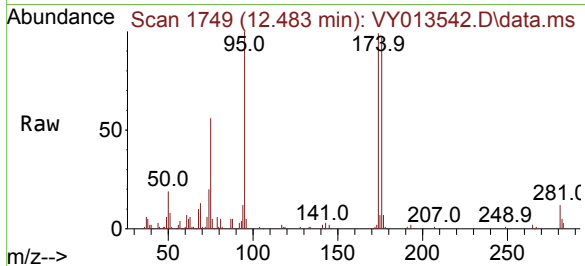




#76
1,2,3-Trichloropropane
Concen: 38.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

Instrument :
MSVOA_Y
ClientSampleId :
HR-01-042823

Tgt Ion: 75 Resp: 16687
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY013542.D
Acq: 01 May 2023 16:50

Tgt Ion: 75 Resp: 16687
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.0 38.0 57.0#

