

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013184.D
 Acq On : 03 Apr 2023 18:29
 Operator : KP/MD
 Sample : 02166-03
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-033123

Quant Time: Apr 03 23:11:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

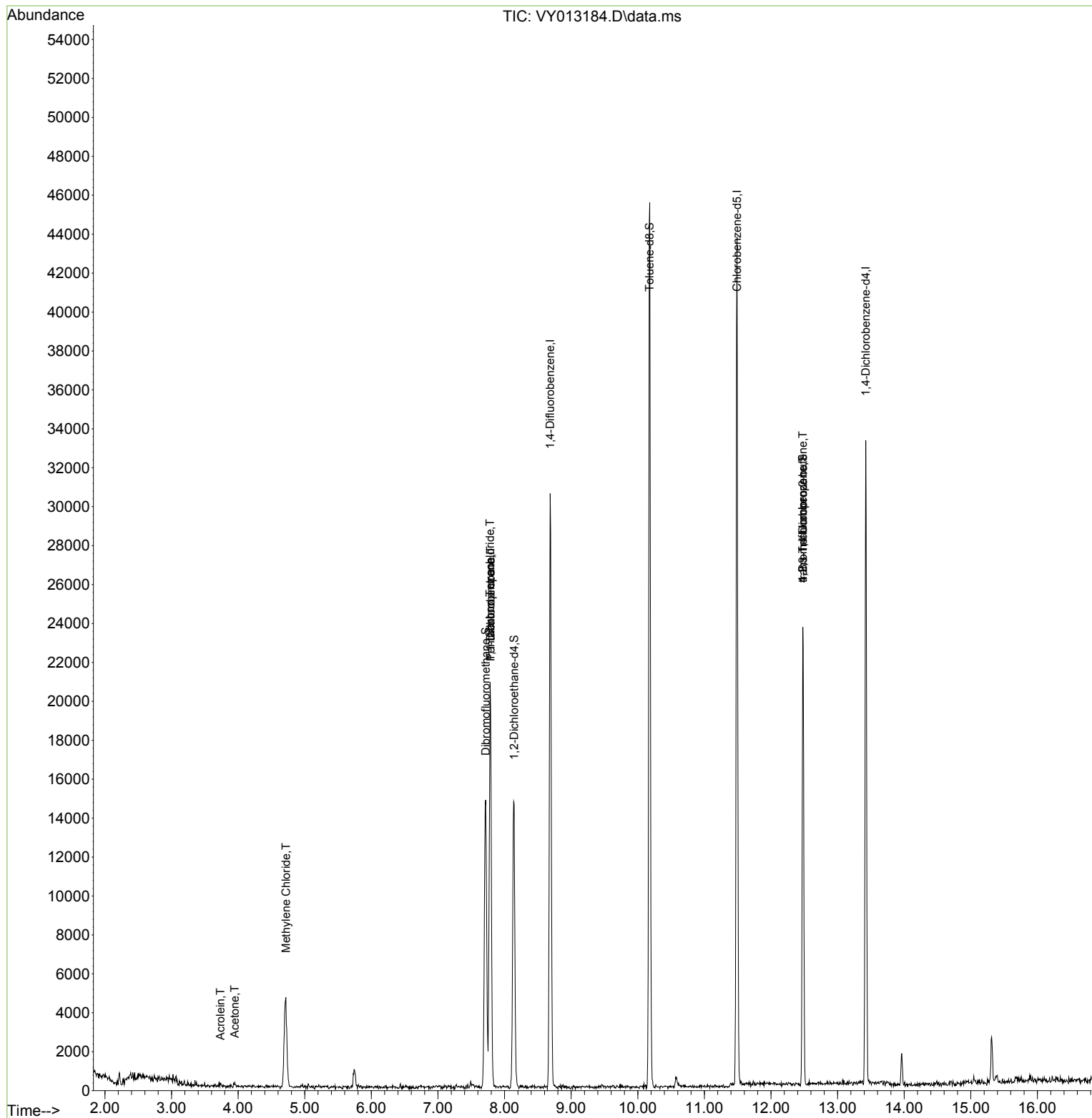
Internal Standards						
1) Pentafluorobenzene	7.789	168	16751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	26655	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	23360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	12327	68.476	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.960%	
35) Dibromofluoromethane	7.716	113	10698	61.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.880%	
50) Toluene-d8	10.179	98	30928	47.049	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.100%	
62) 4-Bromofluorobenzene	12.477	95	6811	31.831	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 63.660%	
Target Compounds						
					Qvalue	
13) Acrolein	3.735	56	82	3.601	ug/l	90
16) Acetone	3.948	43	249	4.523	ug/l #	44
20) Methylene Chloride	4.716	84	3415	14.117	ug/l	85
36) 1,1-Dichloropropene	7.789	75	1067	4.070	ug/l #	43
38) Carbon Tetrachloride	7.783	117	1484	5.131	ug/l #	12
76) 1,2,3-Trichloropropane	12.477	75	3826	41.058	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	3826	91.565	ug/l #	13

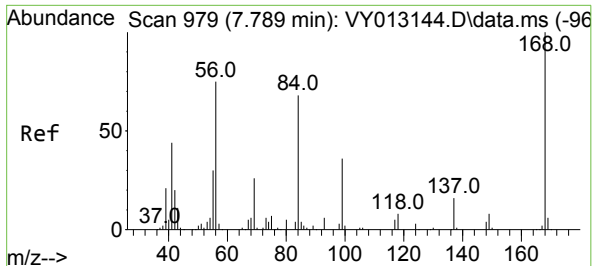
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

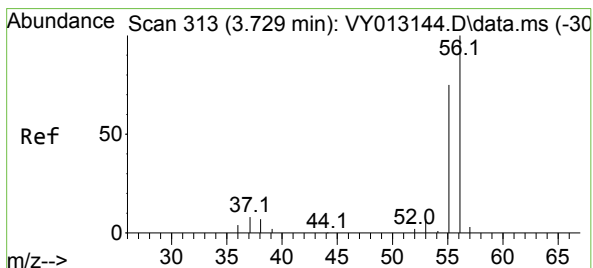
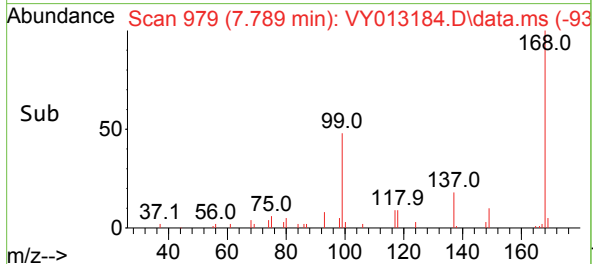
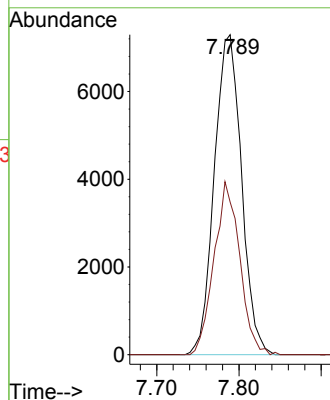
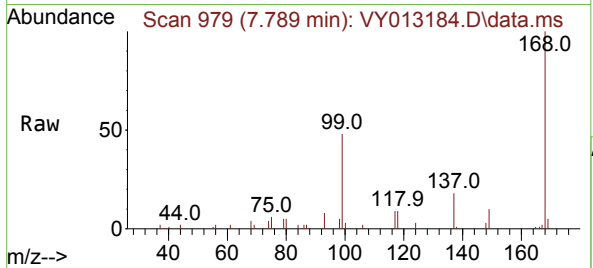




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

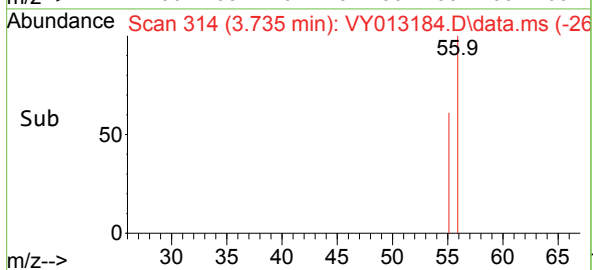
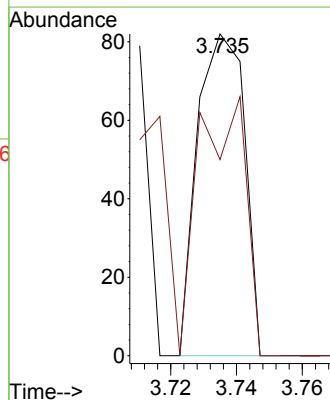
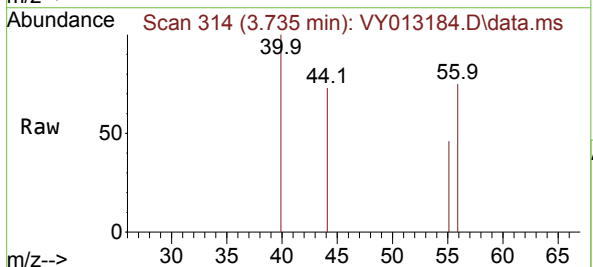
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-033123

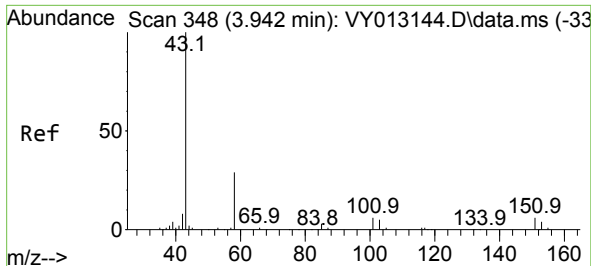
Tgt Ion:168 Resp: 16751
Ion Ratio Lower Upper
168 100
99 47.7 41.7 62.5



#13
Acrolein
Concen: 3.601 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

Tgt Ion: 56 Resp: 82
Ion Ratio Lower Upper
56 100
55 79.3 56.8 85.2





#16

Acetone

Concen: 4.523 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY013184.D

Acq: 03 Apr 2023 18:29

Instrument :

MSVOA_Y

ClientSampleId :

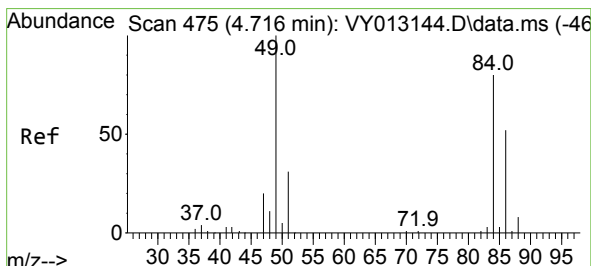
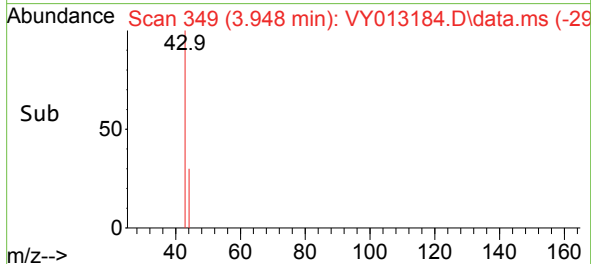
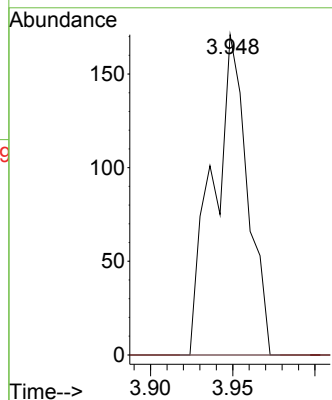
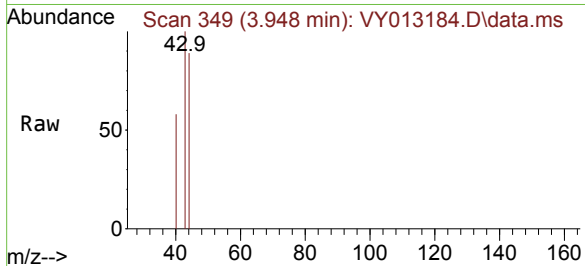
HR-02-033123

Tgt Ion: 43 Resp: 249

Ion Ratio Lower Upper

43 100

58 0.0 24.2 36.2#



#20

Methylene Chloride

Concen: 14.117 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013184.D

Acq: 03 Apr 2023 18:29

Tgt Ion: 84 Resp: 3415

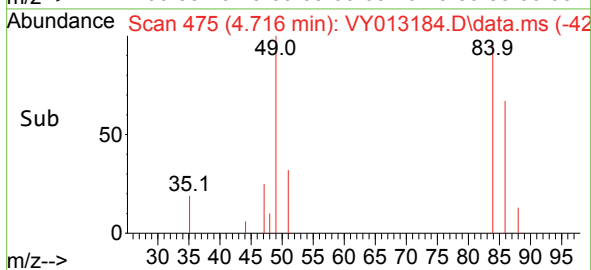
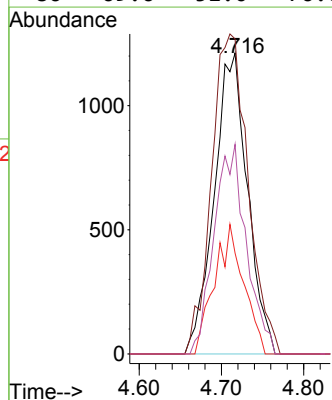
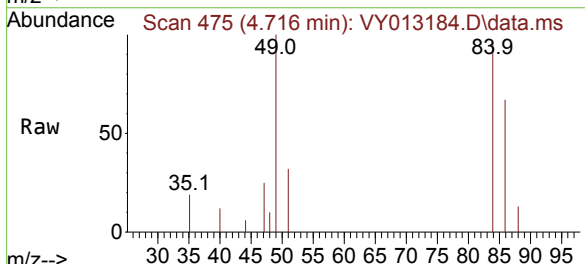
Ion Ratio Lower Upper

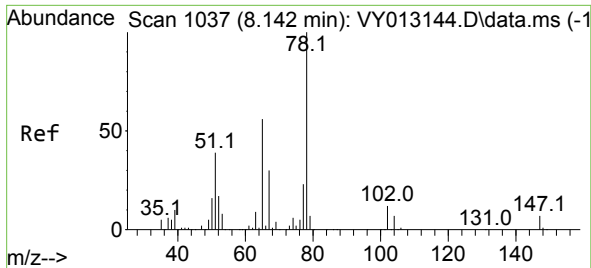
84 100

49 104.7 102.6 154.0

51 33.5 31.9 47.9

86 69.6 51.0 76.6

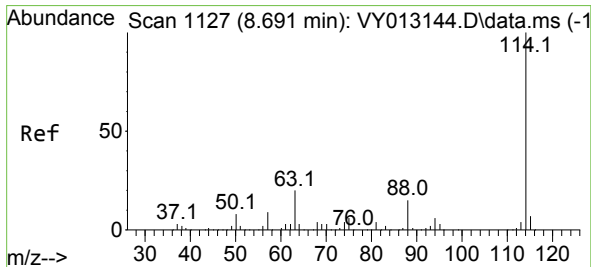
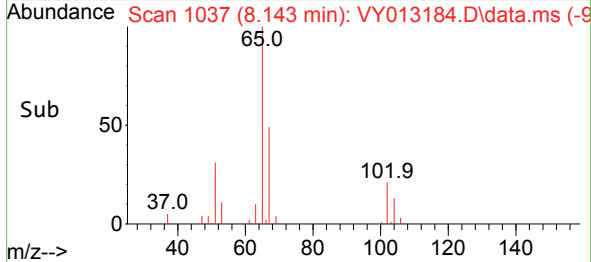
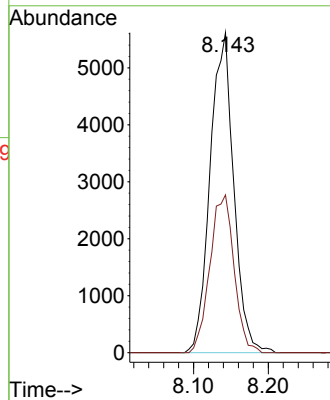
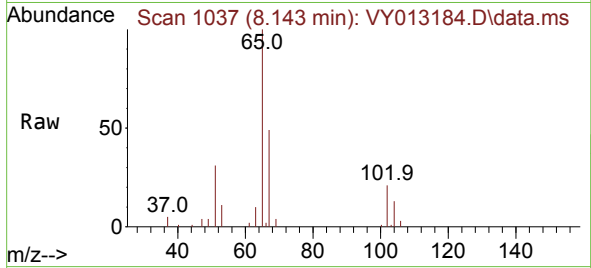




#33
 1,2-Dichloroethane-d4
 Concen: 68.476 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.001 min
 Lab File: VY013184.D
 Acq: 03 Apr 2023 18:29

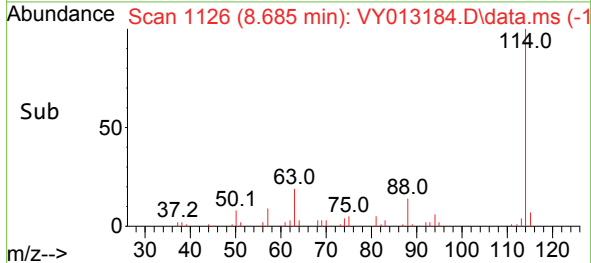
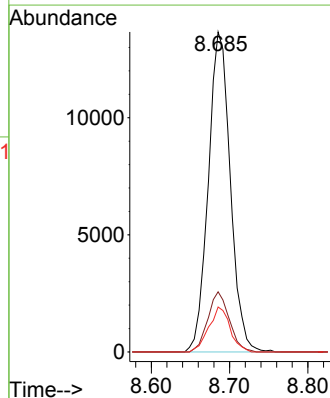
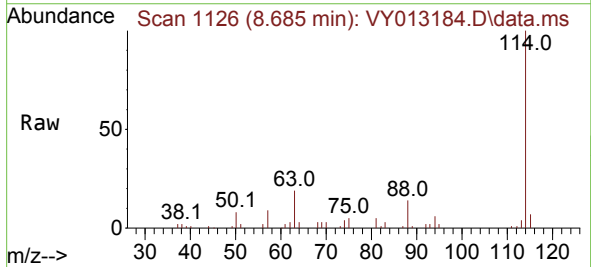
Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-033123

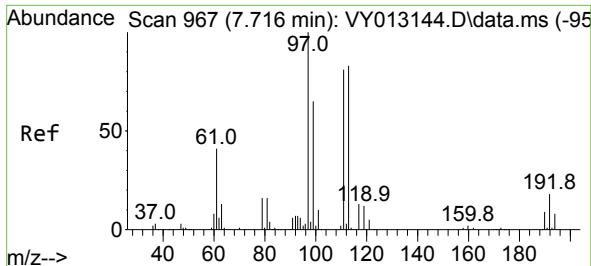
Tgt Ion: 65 Resp: 12327
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VY013184.D
 Acq: 03 Apr 2023 18:29

Tgt Ion: 114 Resp: 26655
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 14.1 0.0 28.6

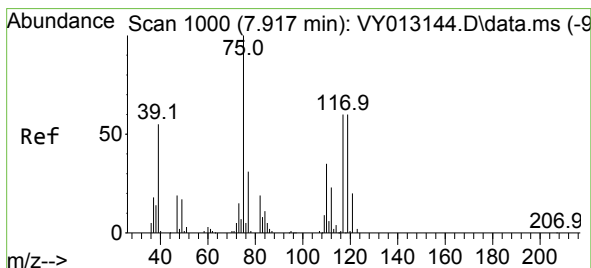
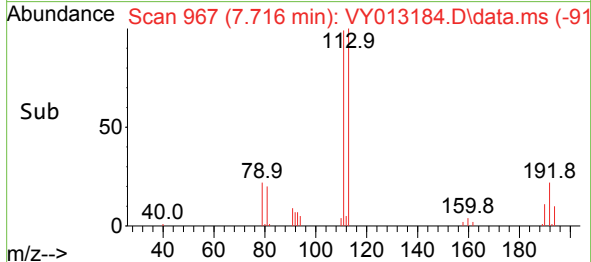
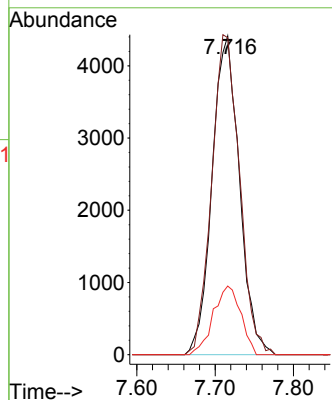
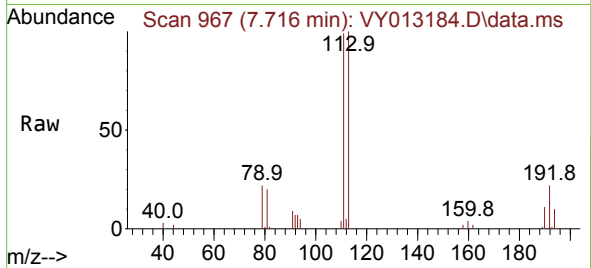




#35
Dibromofluoromethane
Concen: 61.437 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

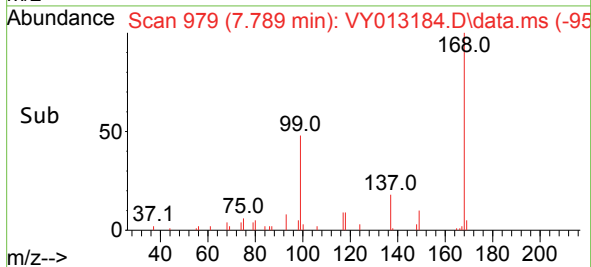
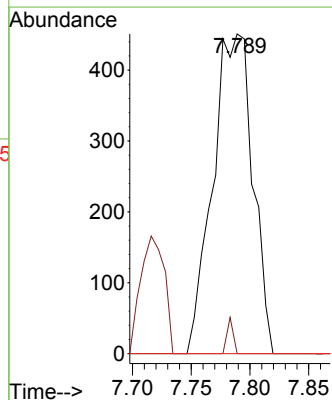
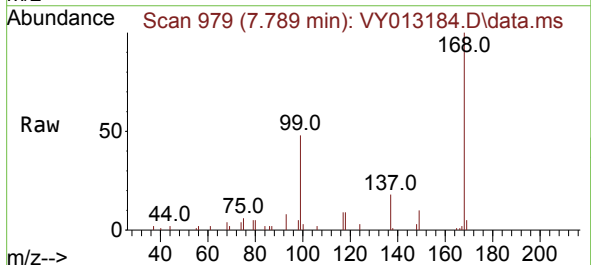
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-033123

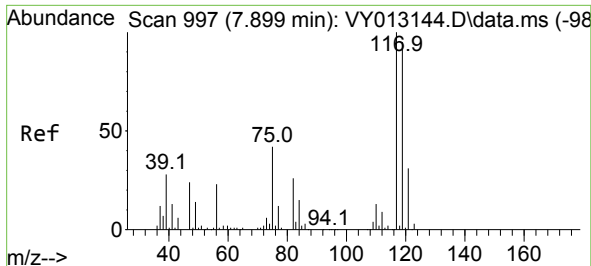
Tgt Ion:113 Resp: 10698
Ion Ratio Lower Upper
113 100
111 101.8 82.2 123.2
192 21.7 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.070 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

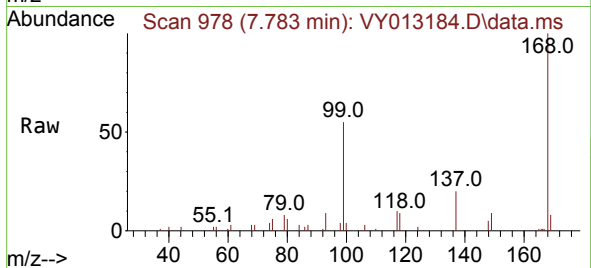
Tgt Ion: 75 Resp: 1067
Ion Ratio Lower Upper
75 100
110 1.8 17.8 53.3#
77 0.0 25.0 37.4#



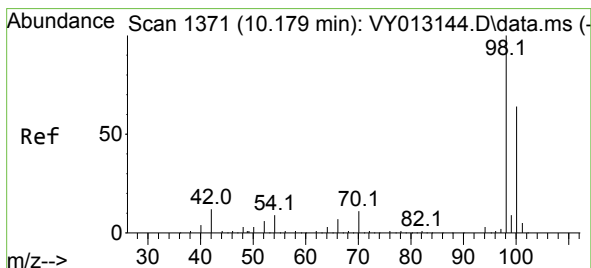
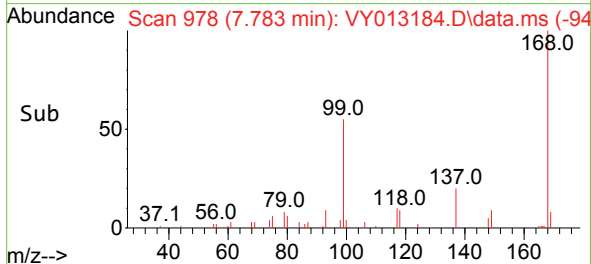
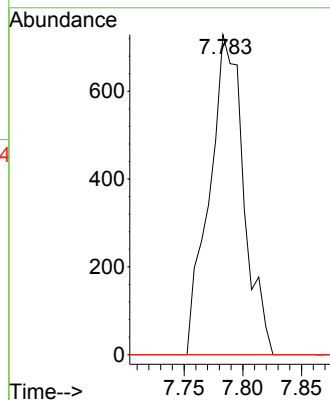


#38
Carbon Tetrachloride
Concen: 5.131 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-033123

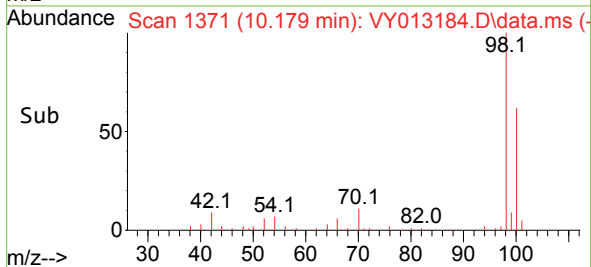
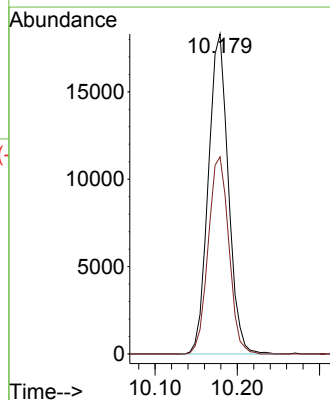
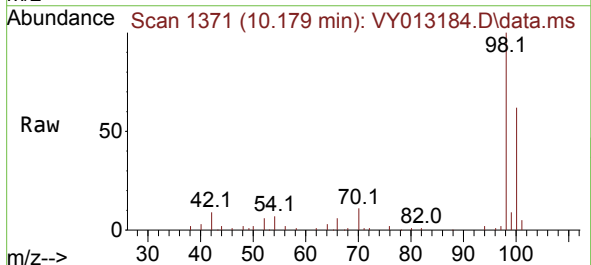


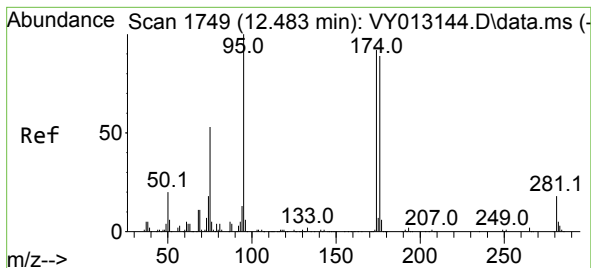
Tgt Ion:117 Resp: 1484
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 47.049 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

Tgt Ion: 98 Resp: 30928
Ion Ratio Lower Upper
98 100
100 63.4 50.9 76.3

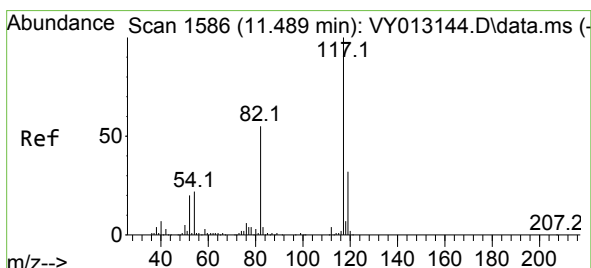
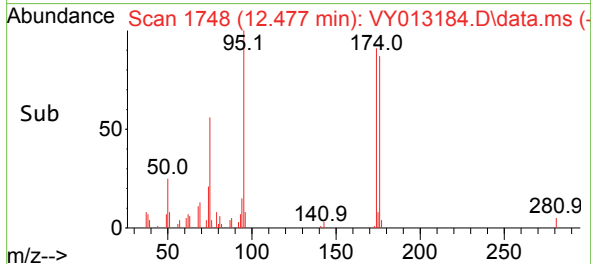
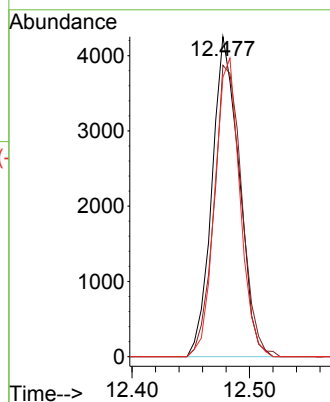
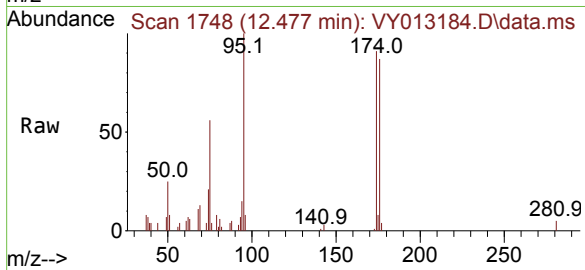




#62
4-Bromofluorobenzene
Concen: 31.831 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

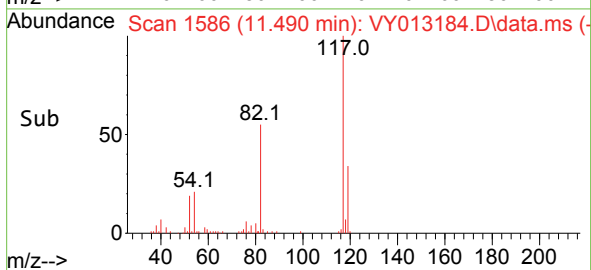
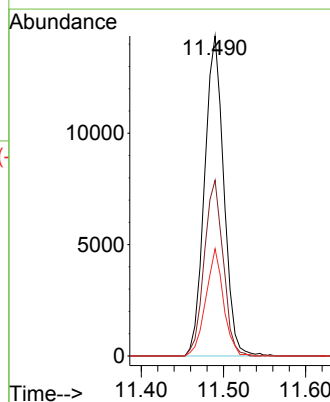
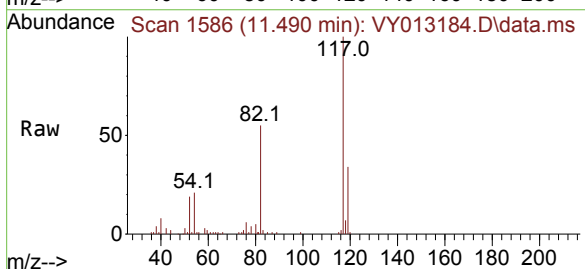
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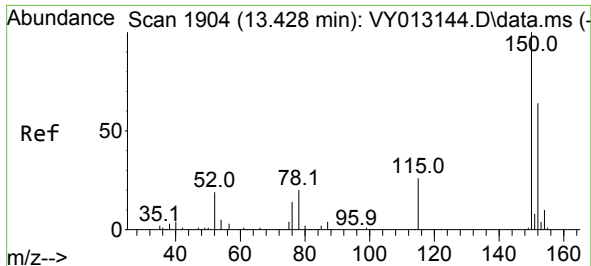
Tgt Ion: 95 Resp: 6811
Ion Ratio Lower Upper
95 100
174 93.0 0.0 176.6
176 86.7 0.0 170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013184.D
Acq: 03 Apr 2023 18:29

Tgt Ion: 117 Resp: 23360
Ion Ratio Lower Upper
117 100
82 54.9 45.4 68.0
119 33.5 25.6 38.4

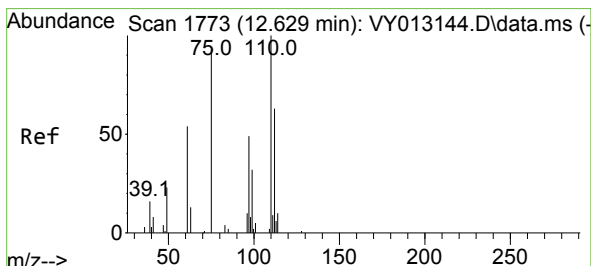
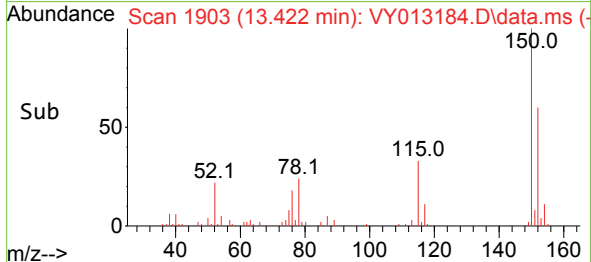
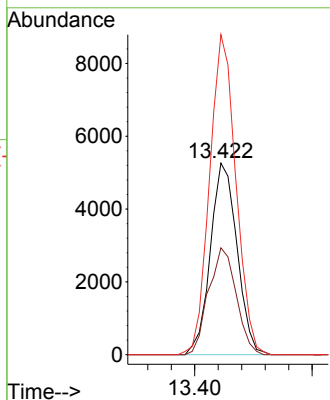
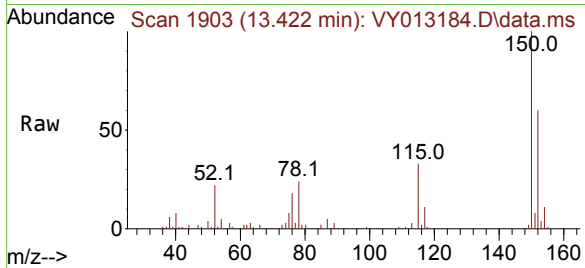




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY013184.D
 Acq: 03 Apr 2023 18:29

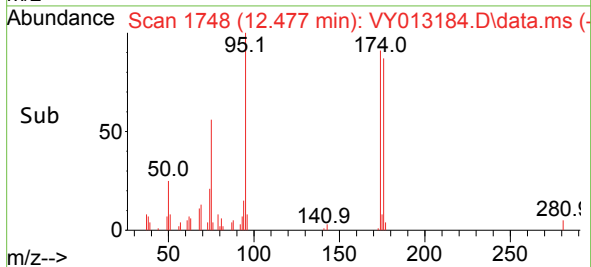
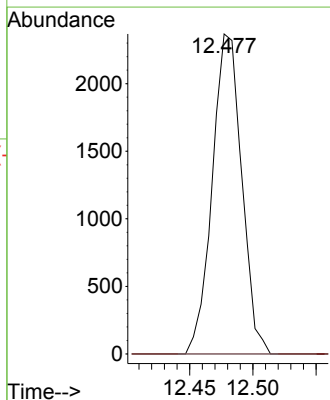
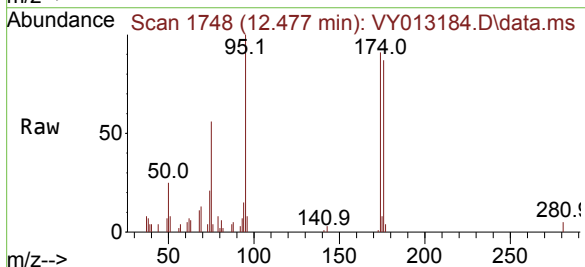
Instrument :
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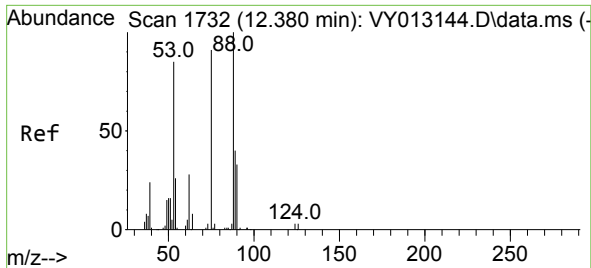
Tgt Ion:152 Resp: 8295
 Ion Ratio Lower Upper
 152 100
 115 57.8 27.1 81.3
 150 164.8 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 41.058 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.152 min
 Lab File: VY013184.D
 Acq: 03 Apr 2023 18:29

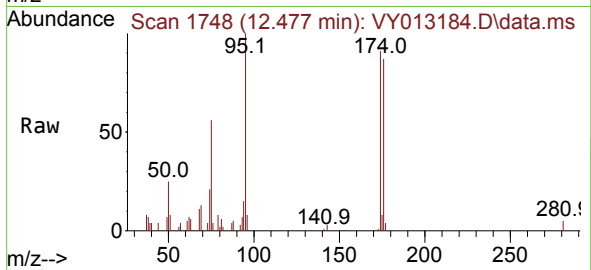
Tgt Ion: 75 Resp: 3826
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.565 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY013184.D
 Acq: 03 Apr 2023 18:29

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-033123



Tgt Ion:	75	Resp:	3826
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#

