

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030823\
 Data File : VY012867.D
 Acq On : 08 Mar 2023 13:42
 Operator : KP/MD
 Sample : 01825-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP1-0306

Quant Time: Mar 09 00:35:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

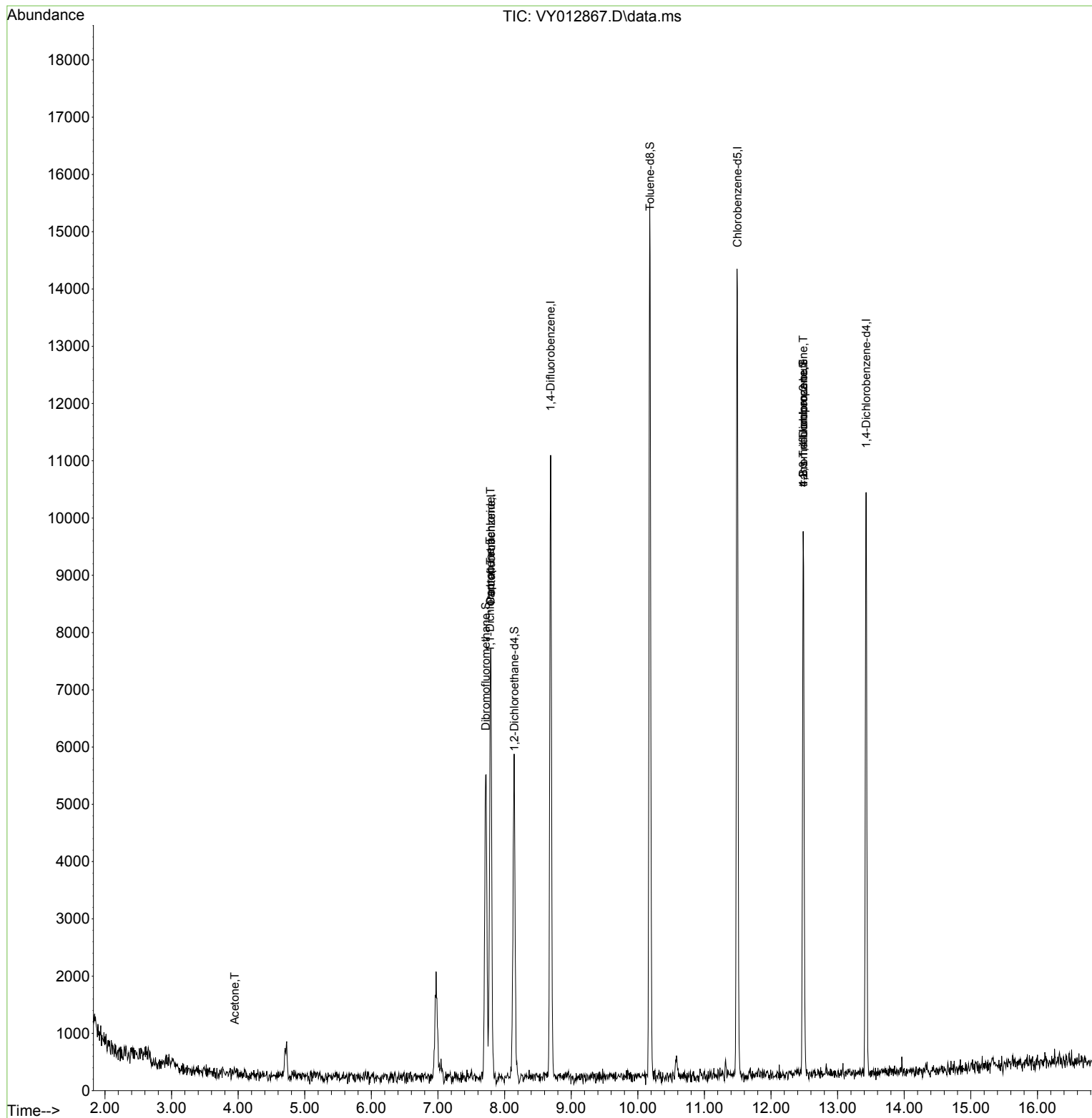
Internal Standards						
1) Pentafluorobenzene	7.795	168	6117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	9374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	8506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	4134	68.067	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.140%
35) Dibromofluoromethane	7.716	113	3875	68.497	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	137.000%
50) Toluene-d8	10.185	98	10603	51.268	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.483	95	2877	41.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.420%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	45	1.888	ug/l #	44
36) 1,1-Dichloropropene	7.783	75	522	5.506	ug/l #	41
38) Carbon Tetrachloride	7.789	117	578	5.904	ug/l #	12
76) 1,2,3-Trichloropropane	12.483	75	1437	40.449	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1437	83.811	ug/l #	13

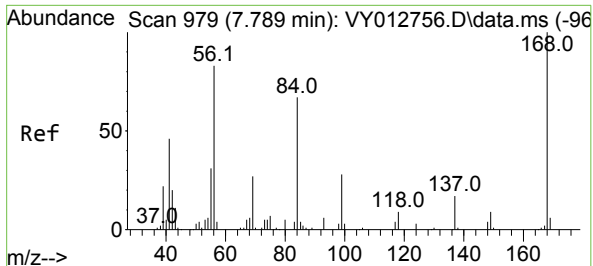
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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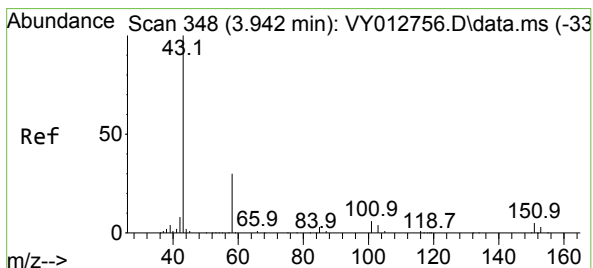
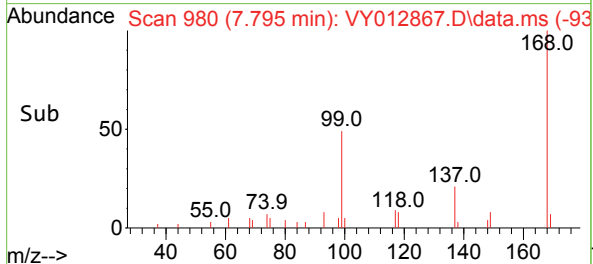
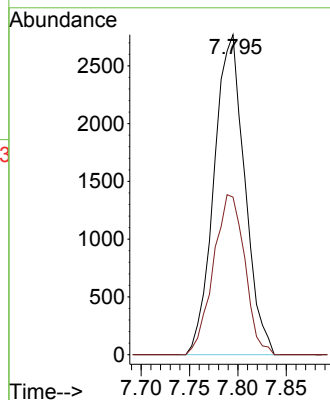
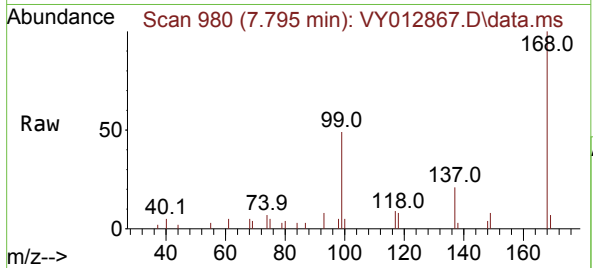




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

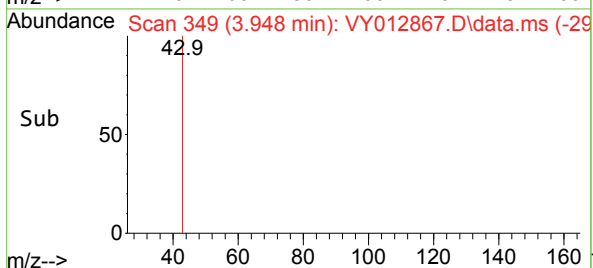
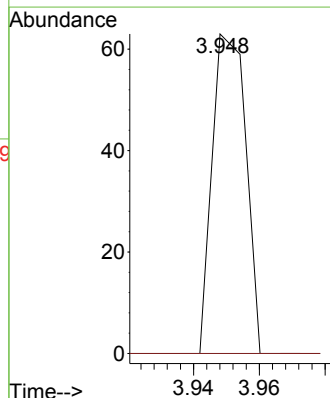
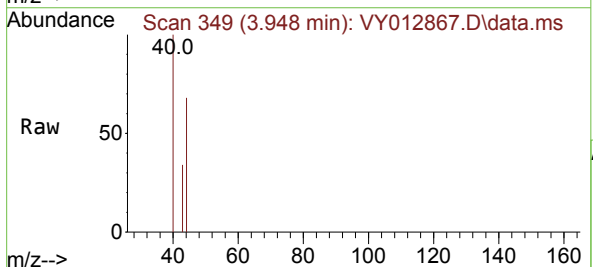
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

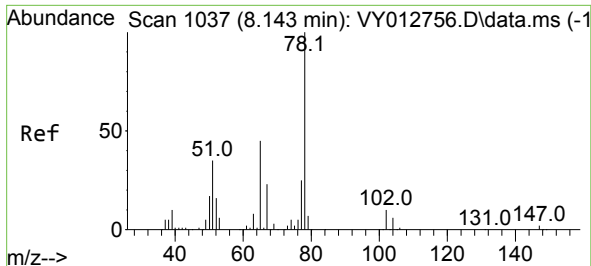
Tgt Ion:168 Resp: 6117
Ion Ratio Lower Upper
168 100
99 49.3 41.7 62.5



#16
Acetone
Concen: 1.888 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

Tgt Ion: 43 Resp: 45
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 68.067 ug/l

RT: 8.149 min Scan# 1037

Delta R.T. 0.005 min

Lab File: VY012867.D

Acq: 08 Mar 2023 13:42

Instrument :

MSVOA_Y

ClientSampleId :

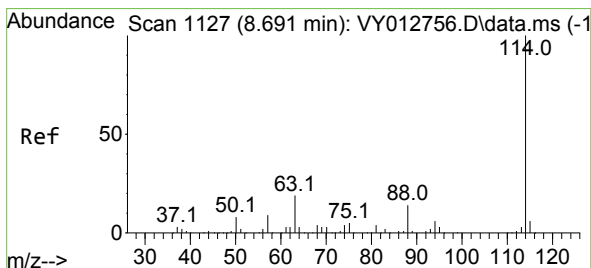
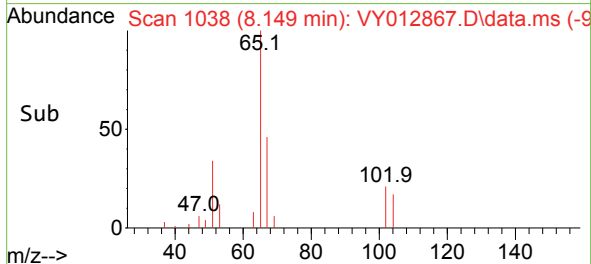
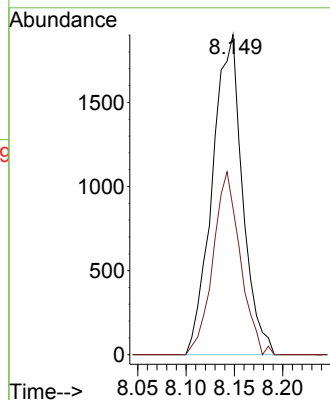
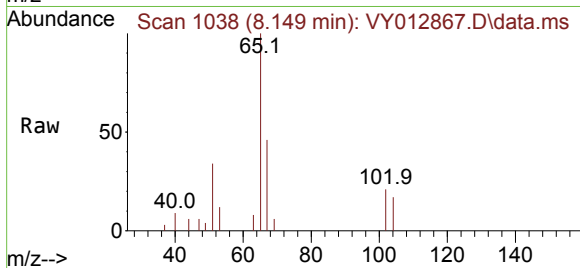
HH-TP1-0306

Tgt Ion: 65 Resp: 4134

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012867.D

Acq: 08 Mar 2023 13:42

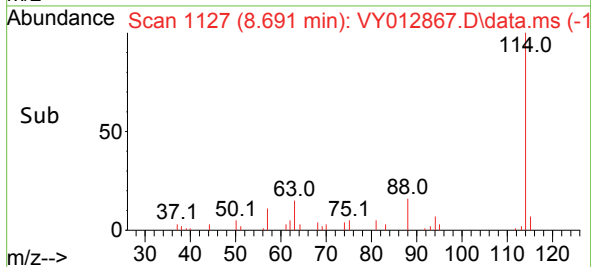
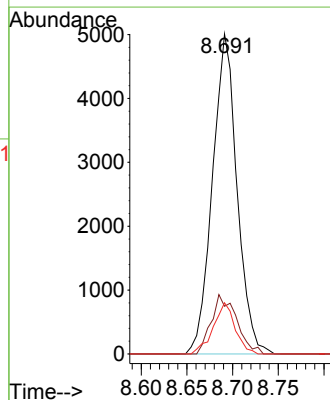
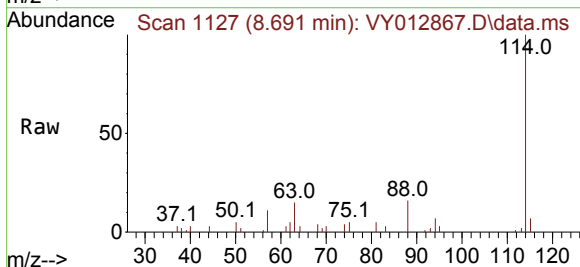
Tgt Ion: 114 Resp: 9374

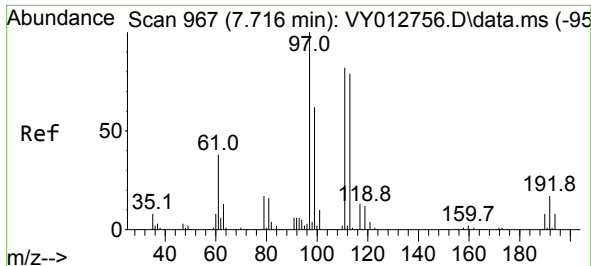
Ion Ratio Lower Upper

114 100

63 14.9 0.0 37.4

88 16.0 0.0 28.6

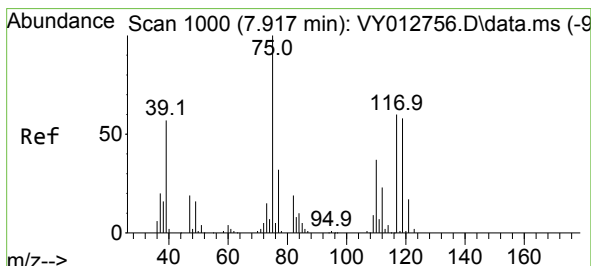
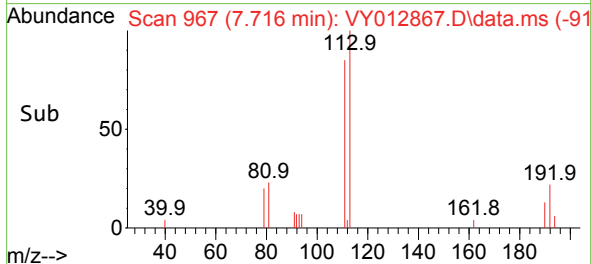
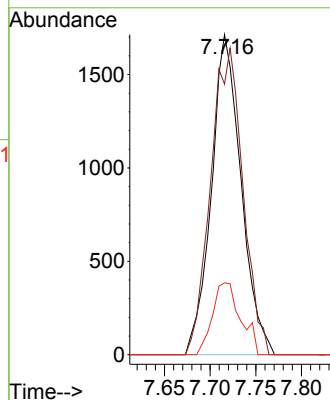
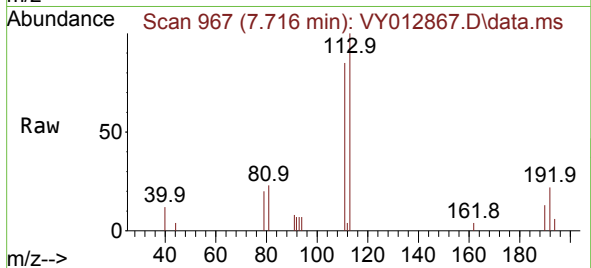




#35
Dibromofluoromethane
Concen: 68.497 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

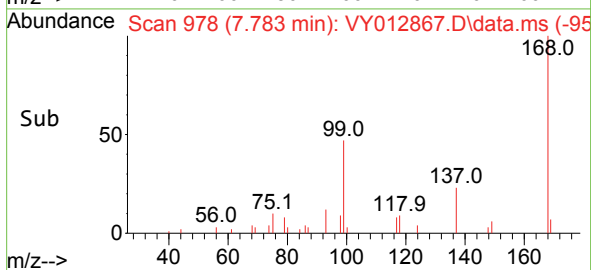
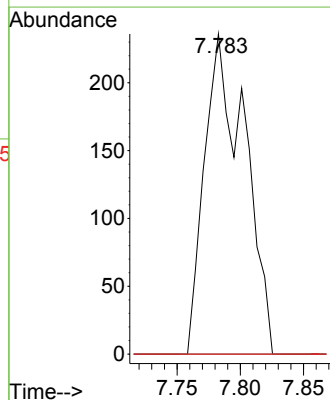
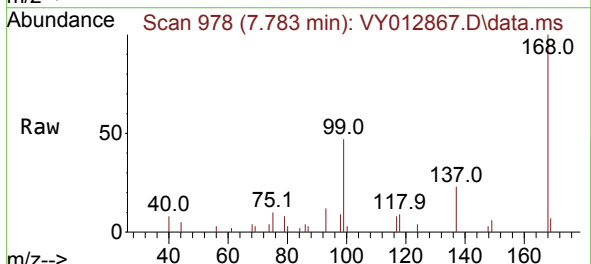
Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

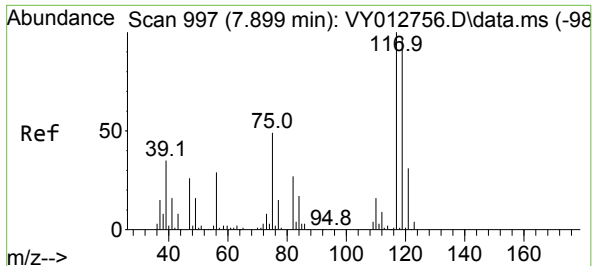
Tgt Ion:113 Resp: 3875
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 21.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.506 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.134 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

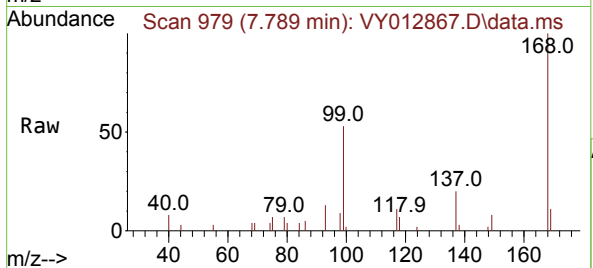
Tgt Ion: 75 Resp: 522
Ion Ratio Lower Upper
75 100
110 0.0 17.8 53.3#
77 0.0 25.0 37.4#



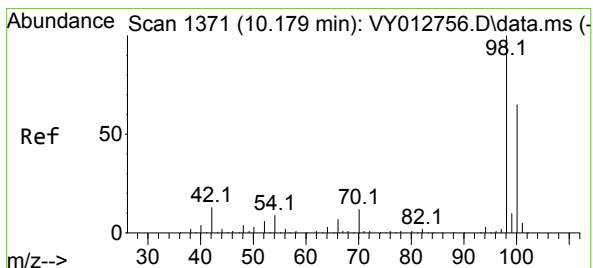
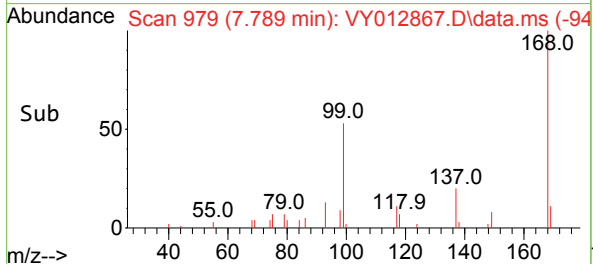
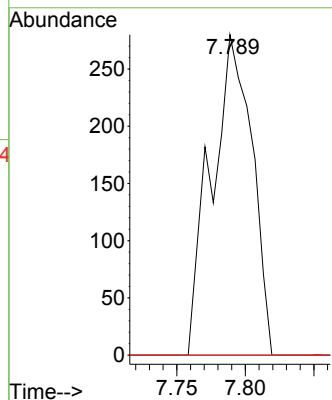


#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

Instrument :
MSVOA_Y
ClientSampleId :
HH-TP1-0306

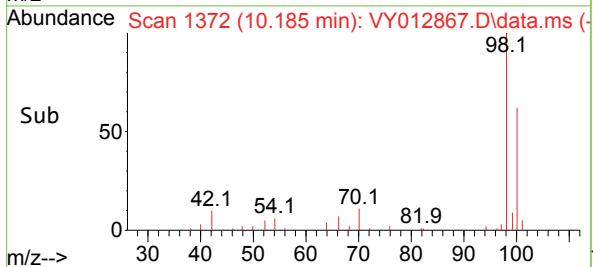
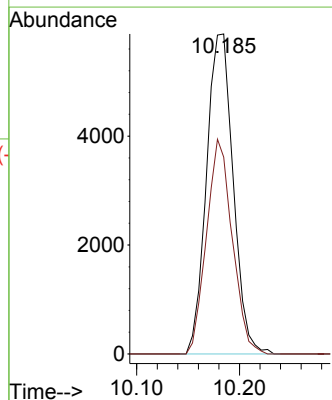
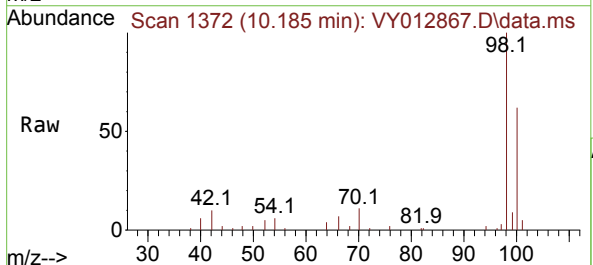


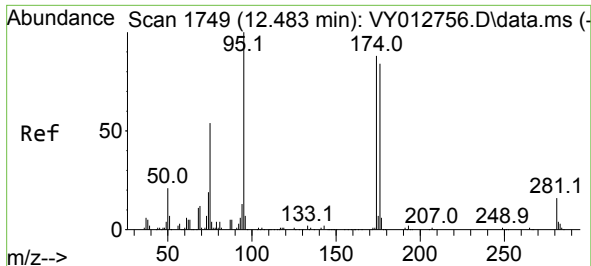
Tgt Ion:117 Resp: 578
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 51.268 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

Tgt Ion: 98 Resp: 10603
Ion Ratio Lower Upper
98 100
100 64.8 50.9 76.3

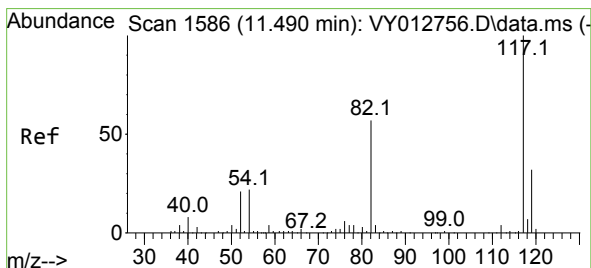
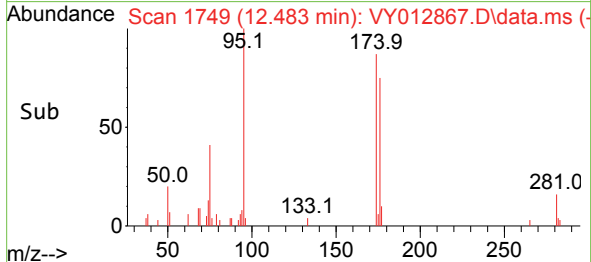
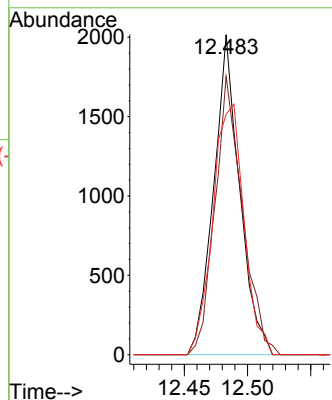
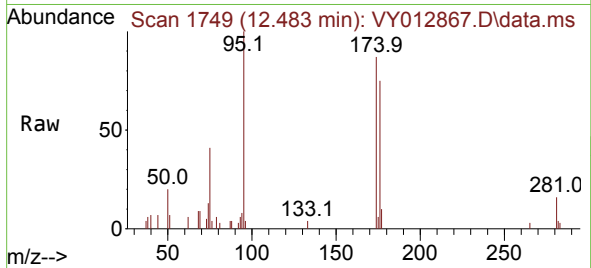




#62
4-Bromofluorobenzene
Concen: 41.215 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

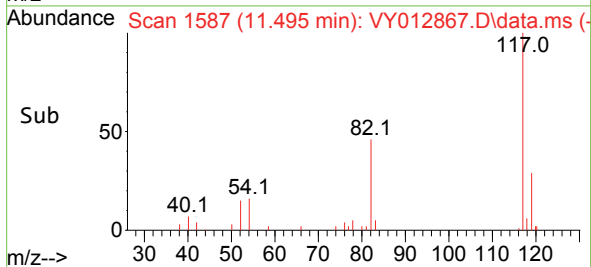
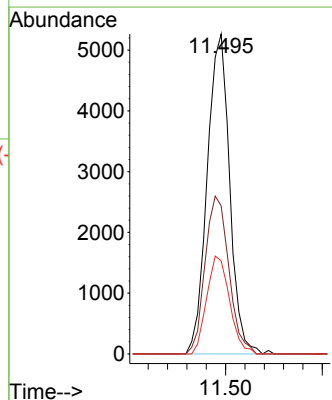
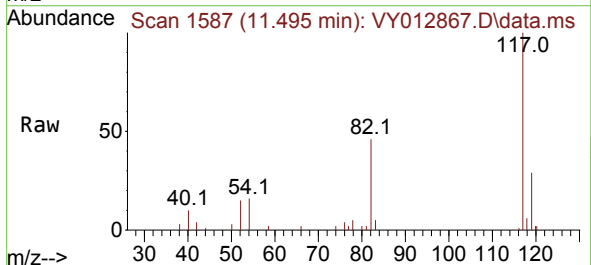
Instrument :
MSVOA_Y
ClientSampleId :
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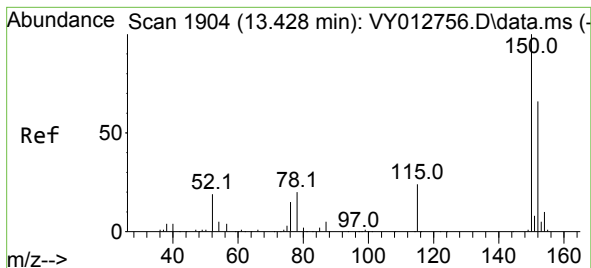
Tgt Ion:	95	Resp:	2877
Ion	Ratio	Lower	Upper
95	100		
174	92.1	0.0	176.6
176	94.0	0.0	170.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY012867.D
Acq: 08 Mar 2023 13:42

Tgt Ion:	117	Resp:	8506
Ion	Ratio	Lower	Upper
117	100		
82	46.2	45.4	68.0
119	29.1	25.6	38.4

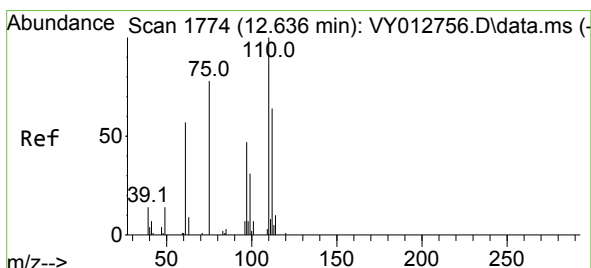
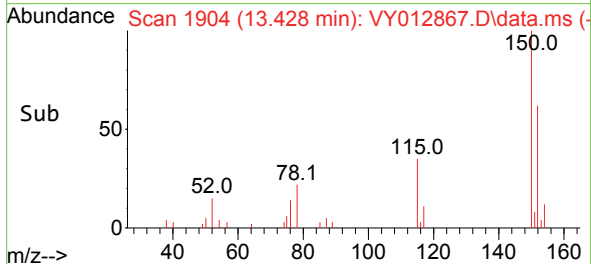
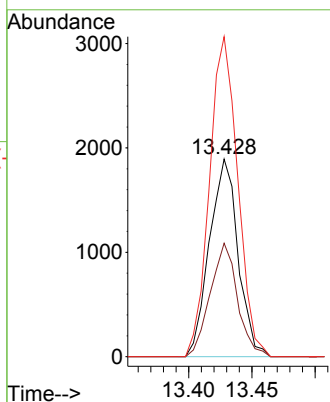
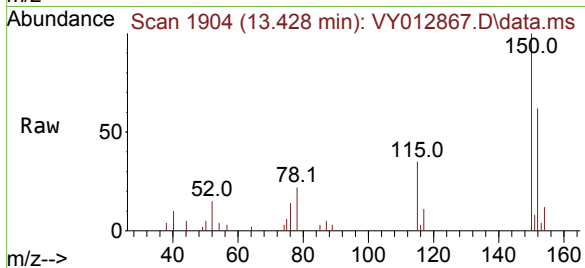




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY012867.D
 Acq: 08 Mar 2023 13:42

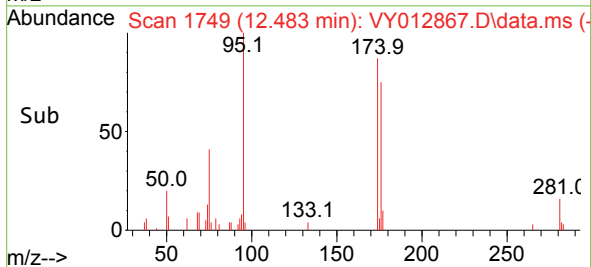
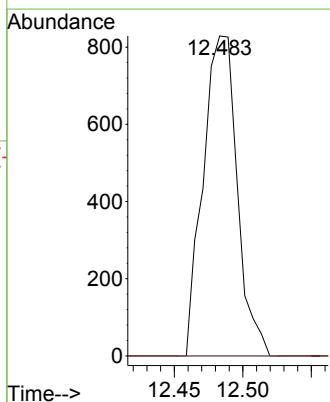
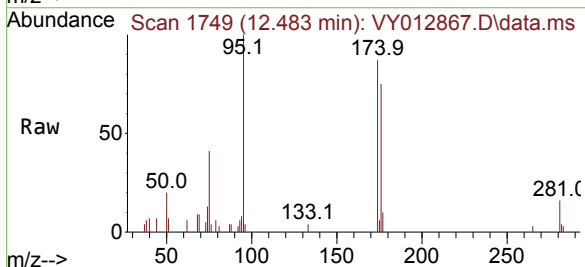
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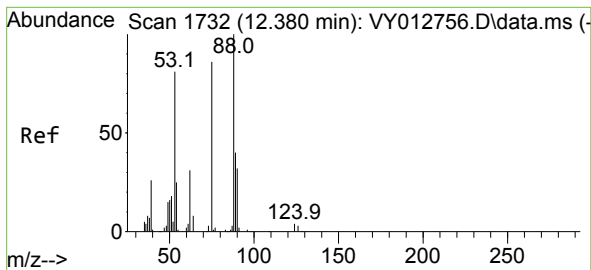
Tgt Ion:152 Resp: 2975
 Ion Ratio Lower Upper
 152 100
 115 54.8 27.1 81.3
 150 159.9 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 40.449 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY012867.D
 Acq: 08 Mar 2023 13:42

Tgt Ion: 75 Resp: 1437
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 83.811 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY012867.D
 Acq: 08 Mar 2023 13:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 HH-TP1-0306

Tgt Ion:	75	Resp:	1437
Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.4	110.0#
89	0.0	36.6	55.0#

