

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012294.D
 Acq On : 20 Jan 2023 16:36
 Operator : KP/MD
 Sample : 01232-04
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-P-18A

Quant Time: Jan 23 02:22:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

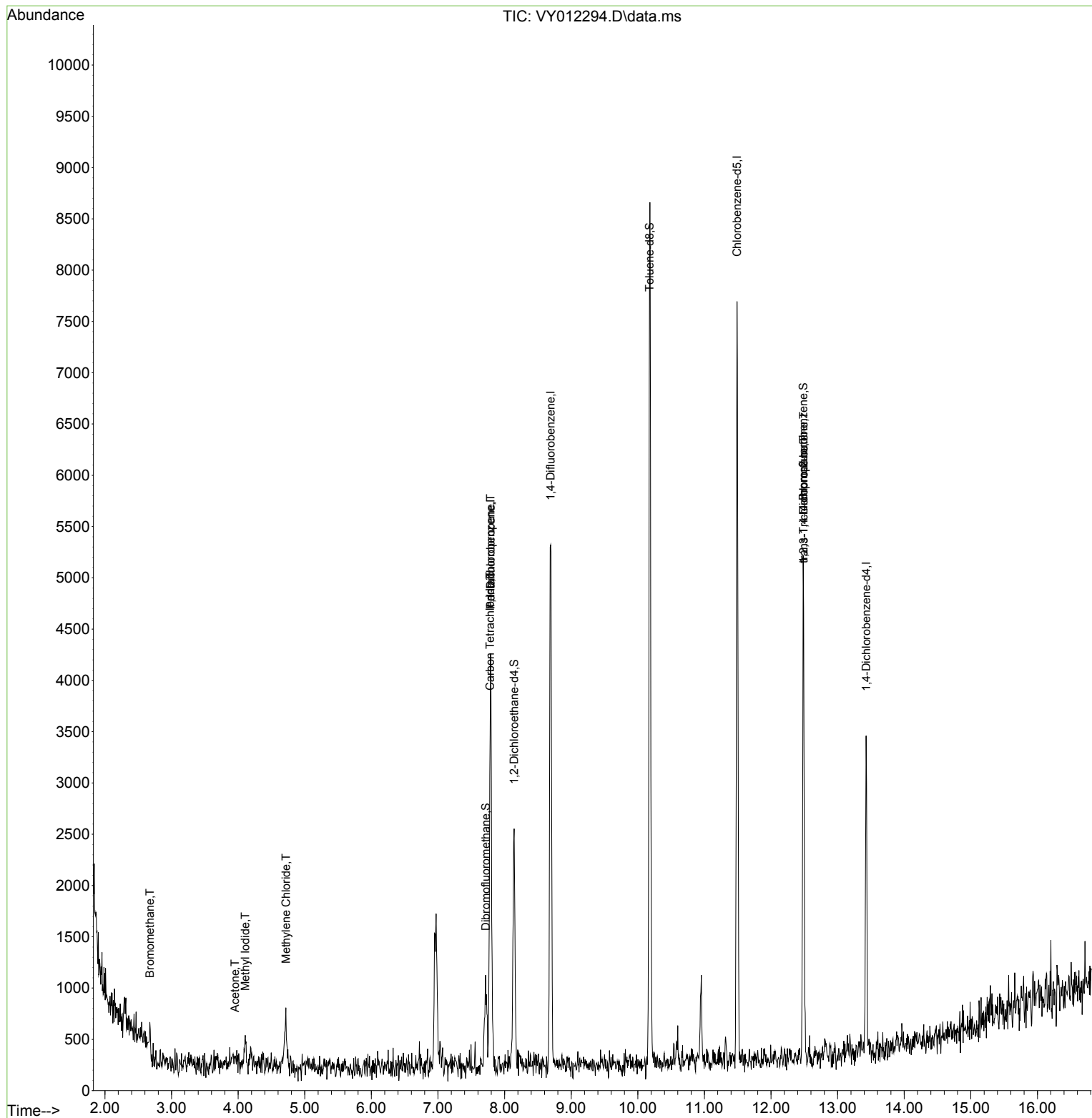
Internal Standards						
1) Pentafluorobenzene	7.789	168	3458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	5538	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	4924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1961	69.988	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.980%	
35) Dibromofluoromethane	7.716	113	774	26.395	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 52.800%#	
50) Toluene-d8	10.179	98	6517	65.484	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.960%	
62) 4-Bromofluorobenzene	12.483	95	1496	36.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.674	94	68	2.701	ug/l #	41
10) Methyl Iodide	4.107	142	349	7.425	ug/l #	78
16) Acetone	3.954	43	169	17.551	ug/l #	40
20) Methylene Chloride	4.716	84	442	3.592	ug/l #	59
36) 1,1-Dichloropropene	7.789	75	183	3.672	ug/l #	41
38) Carbon Tetrachloride	7.783	117	283	4.397	ug/l #	14
76) 1,2,3-Trichloropropane	12.489	75	746	77.634	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	746	159.961	ug/l #	13

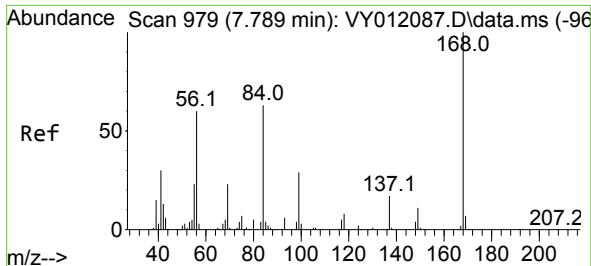
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

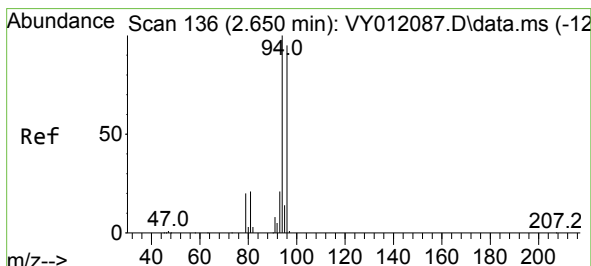
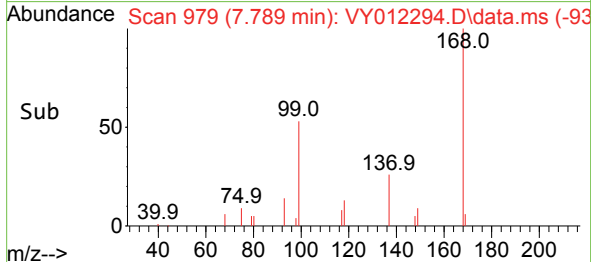
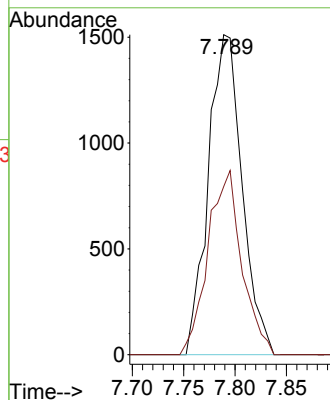
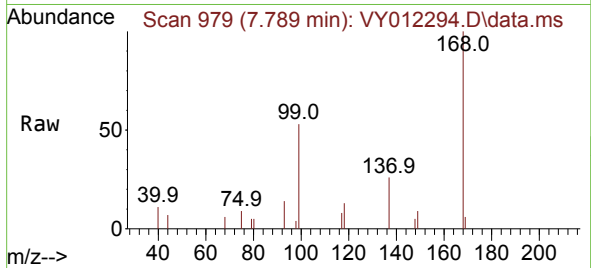




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

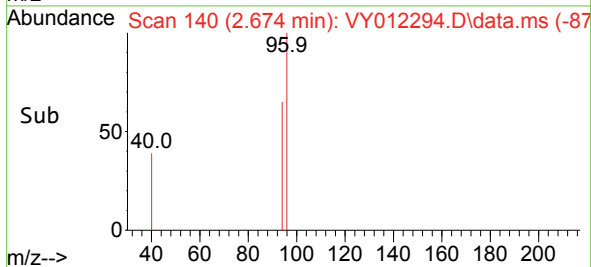
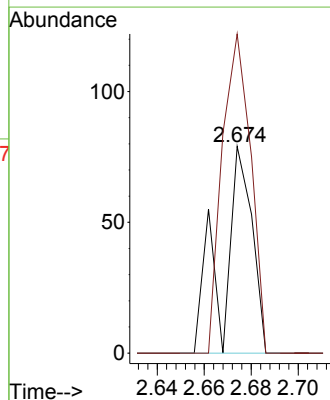
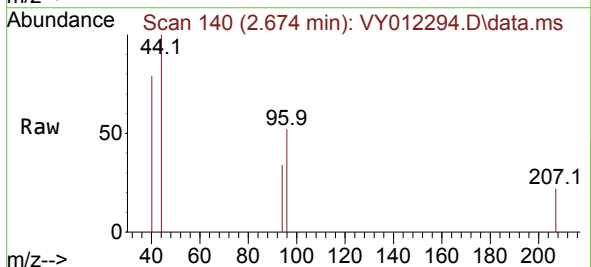
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

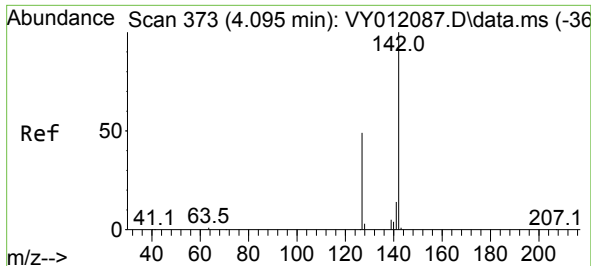
Tgt Ion:168 Resp: 3458
Ion Ratio Lower Upper
168 100
99 52.6 44.0 66.0



#5
Bromomethane
Concen: 2.701 ug/l
RT: 2.674 min Scan# 140
Delta R.T. 0.024 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion: 94 Resp: 68
Ion Ratio Lower Upper
94 100
96 154.4 77.4 116.2#

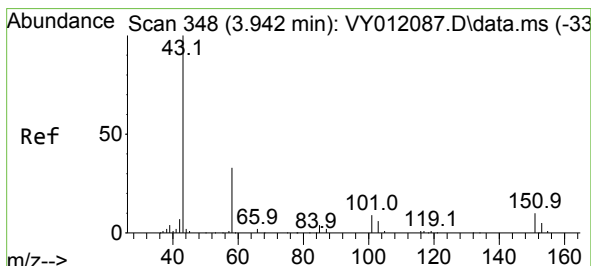
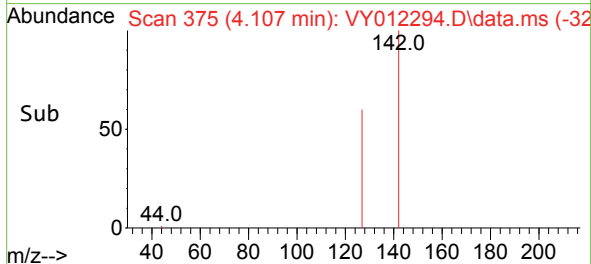
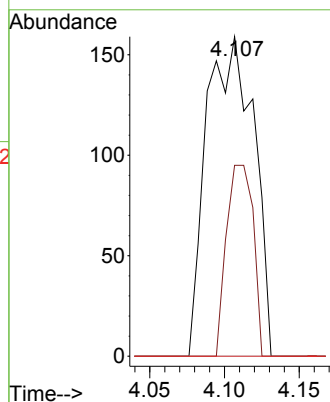
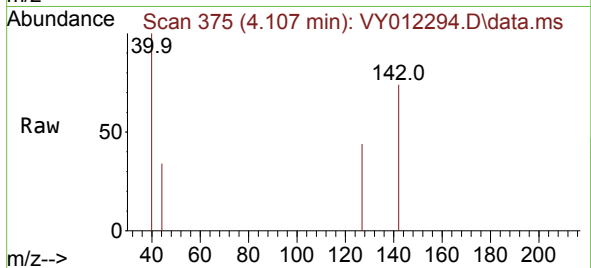




#10
Methyl Iodide
Concen: 7.425 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

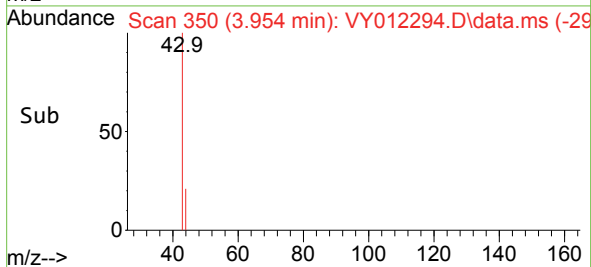
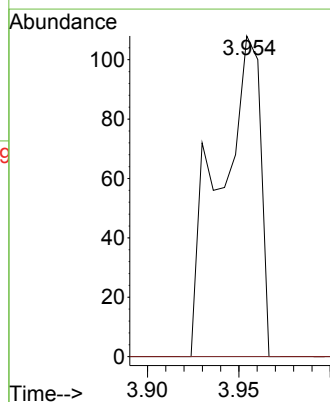
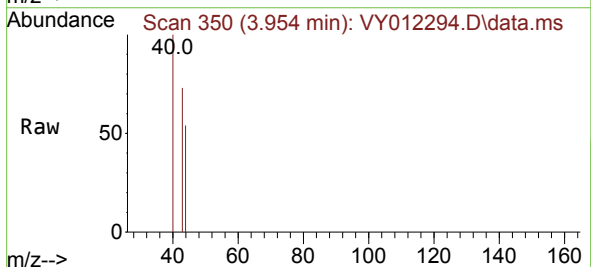
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

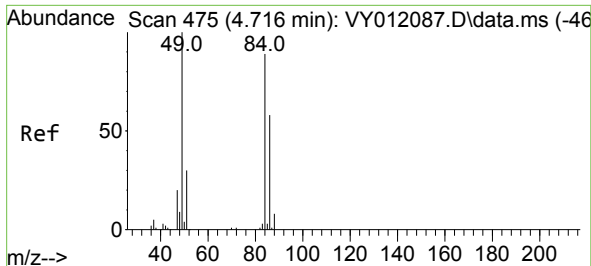
Tgt Ion:142 Resp: 349
Ion Ratio Lower Upper
142 100
127 33.8 37.0 55.4#
141 0.0 11.4 17.0#



#16
Acetone
Concen: 17.551 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#

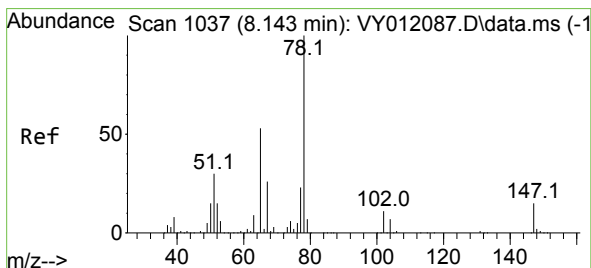
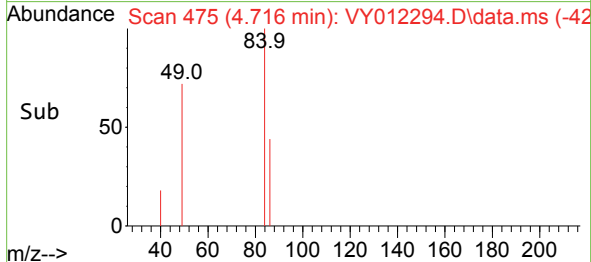
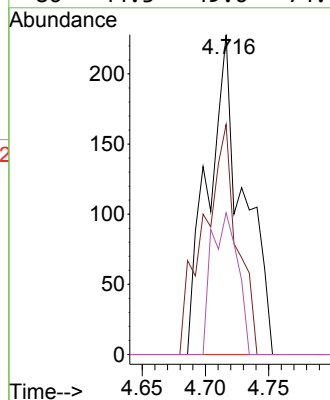
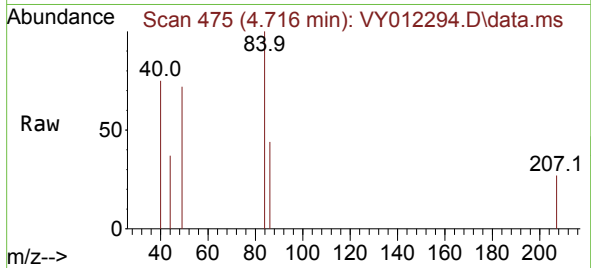




#20
Methylene Chloride
Concen: 3.592 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

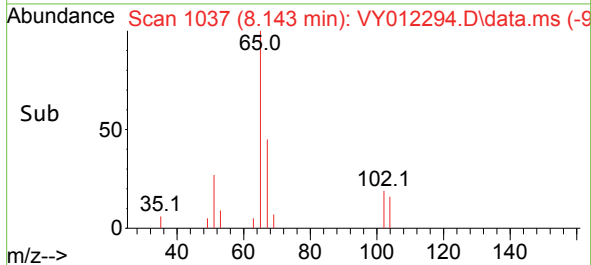
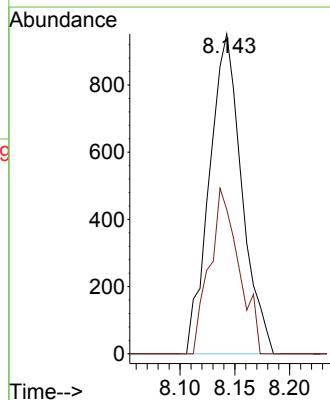
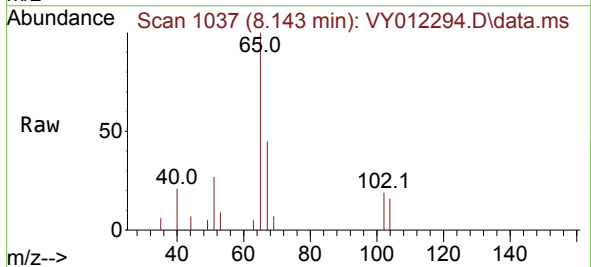
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

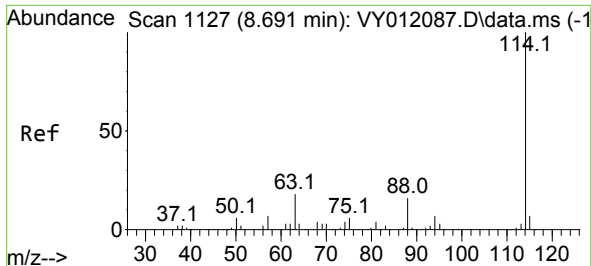
Tgt Ion: 84 Resp: 442
Ion Ratio Lower Upper
84 100
49 71.9 95.4 143.2#
51 0.0 29.9 44.9#
86 44.3 49.6 74.4#



#33
1,2-Dichloroethane-d4
Concen: 69.988 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion: 65 Resp: 1961
Ion Ratio Lower Upper
65 100
67 46.5 0.0 103.2

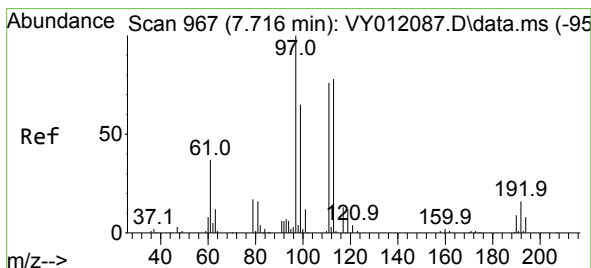
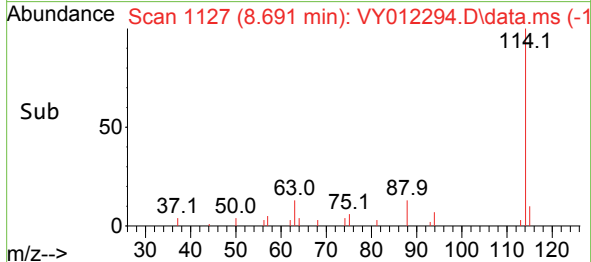
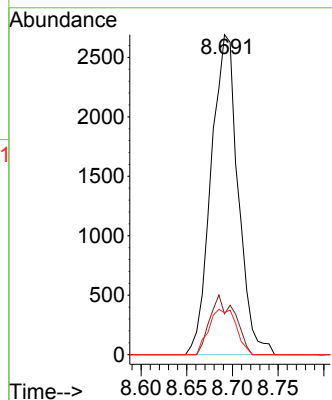
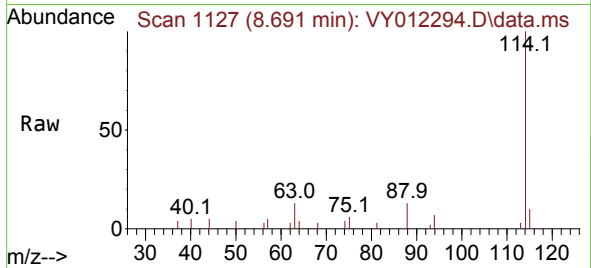




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

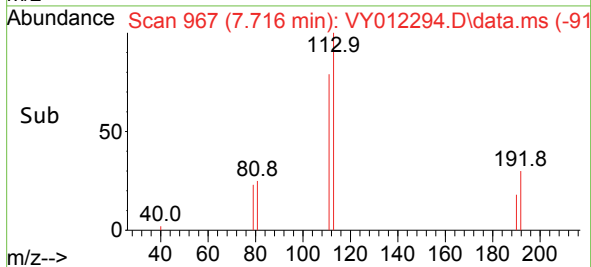
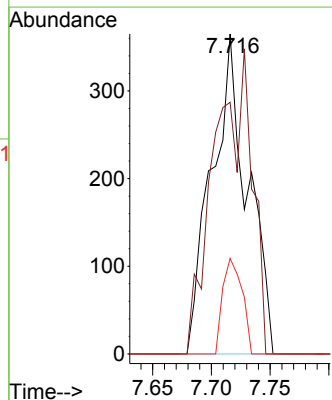
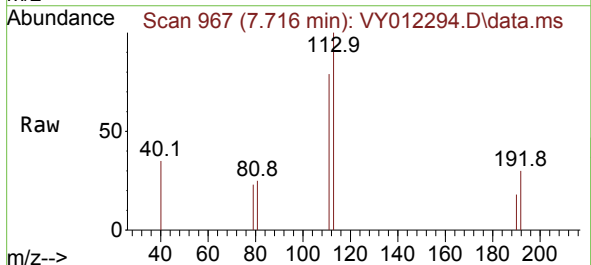
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

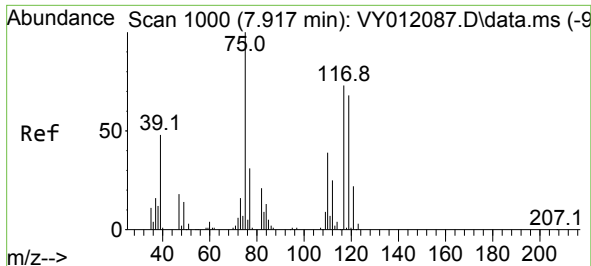
Tgt Ion:114 Resp: 5538
Ion Ratio Lower Upper
114 100
63 12.7 0.0 39.6
88 13.1 0.0 32.2



#35
Dibromofluoromethane
Concen: 26.395 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion:113 Resp: 774
Ion Ratio Lower Upper
113 100
111 65.6 83.0 124.4#
192 16.1 16.0 24.0





#36

1,1-Dichloropropene

Concen: 3.672 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY012294.D

Acq: 20 Jan 2023 16:36

Instrument :

MSVOA_Y

ClientSampleId :

B-P-18A

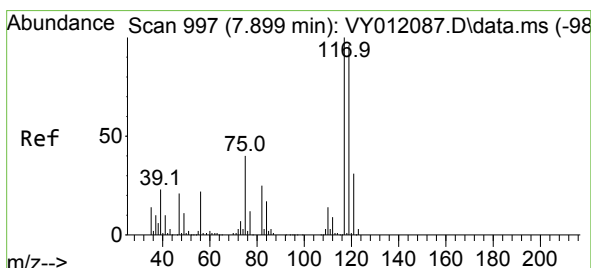
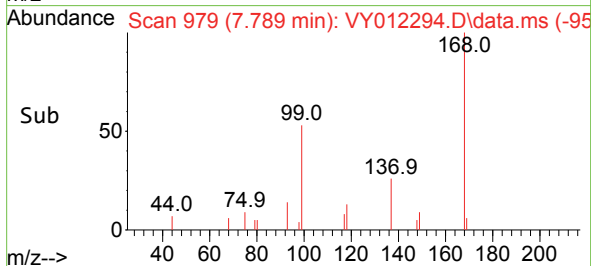
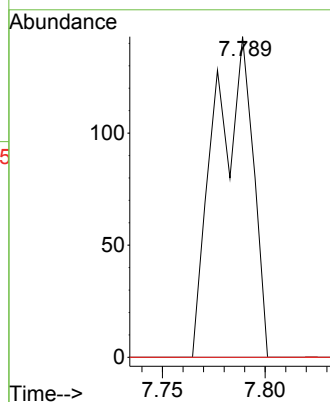
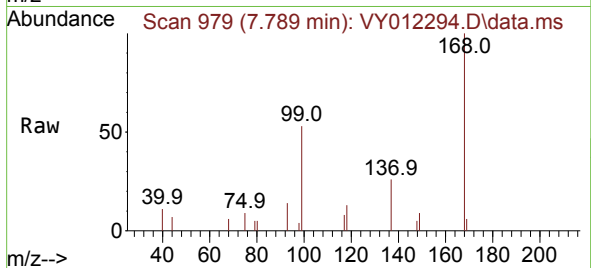
Tgt Ion: 75 Resp: 183

Ion Ratio Lower Upper

75 100

110 0.0 18.1 54.1#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 4.397 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.116 min

Lab File: VY012294.D

Acq: 20 Jan 2023 16:36

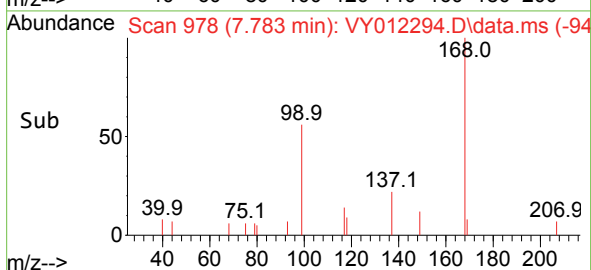
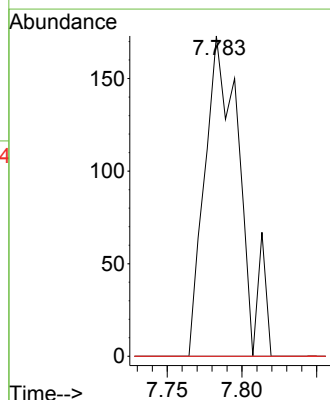
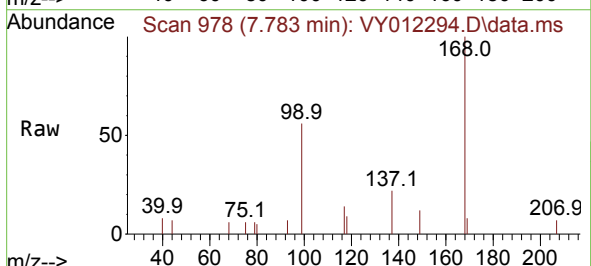
Tgt Ion: 117 Resp: 283

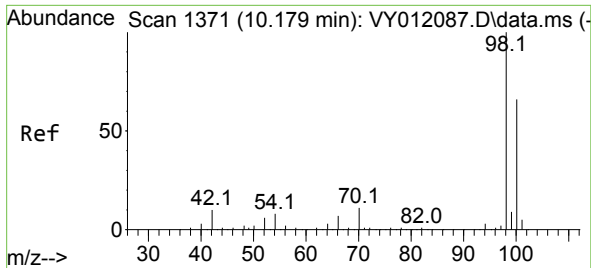
Ion Ratio Lower Upper

117 100

119 0.0 73.8 110.8#

121 0.0 25.2 37.8#

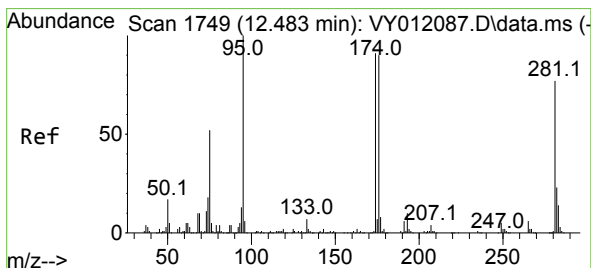
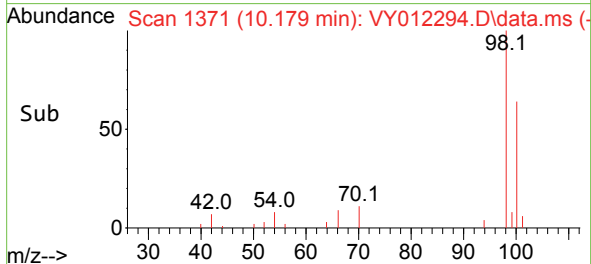
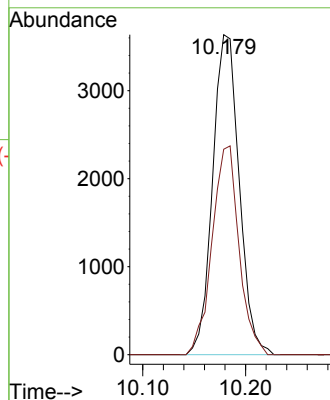
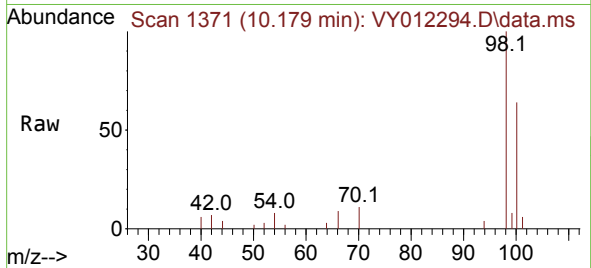




#50
Toluene-d8
Concen: 65.484 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

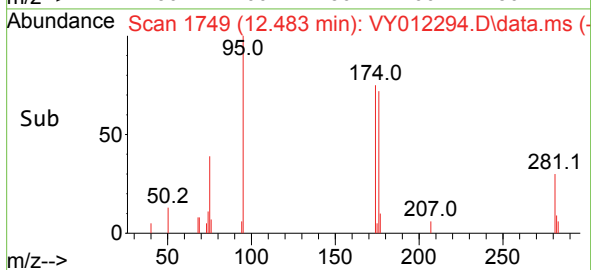
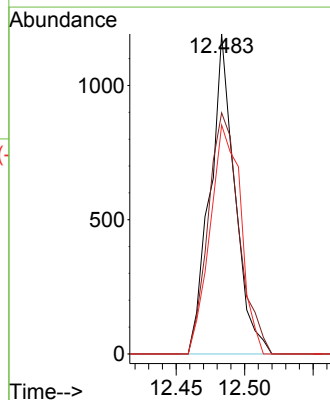
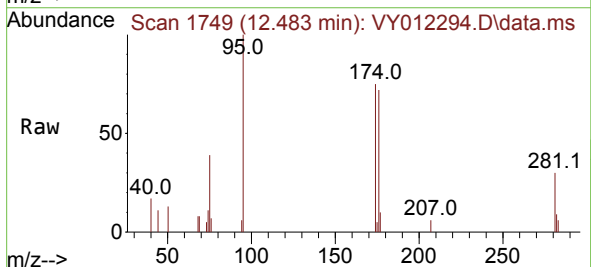
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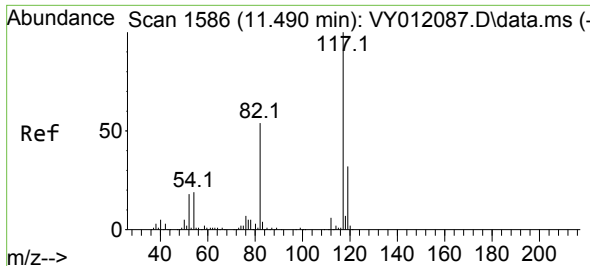
Tgt Ion: 98 Resp: 6517
Ion Ratio Lower Upper
98 100
100 66.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 36.190 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion: 95 Resp: 1496
Ion Ratio Lower Upper
95 100
174 94.1 0.0 172.0
176 88.6 0.0 167.6

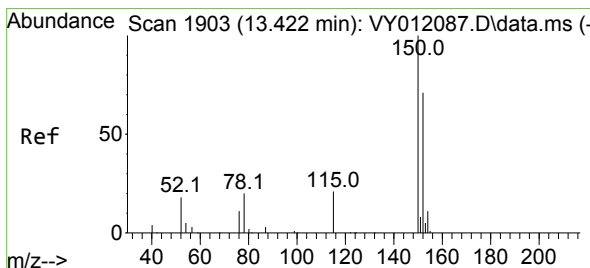
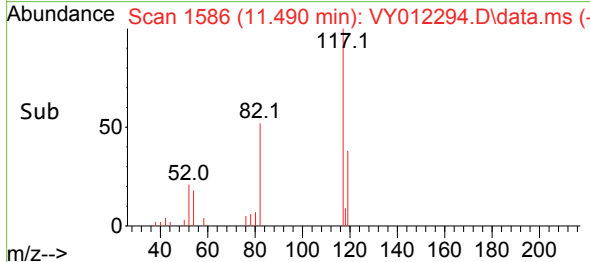
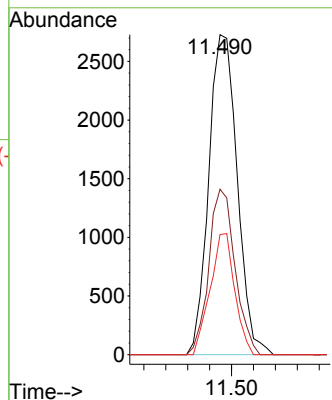
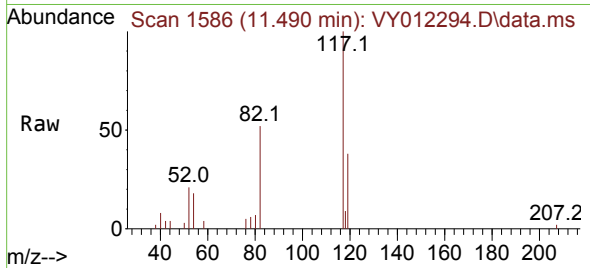




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

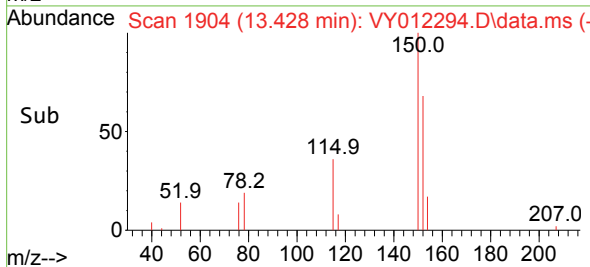
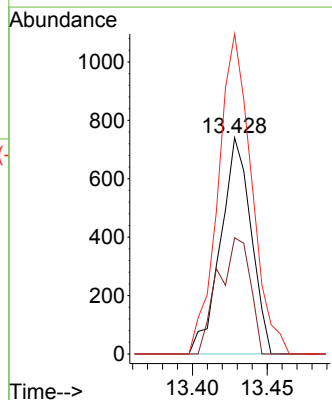
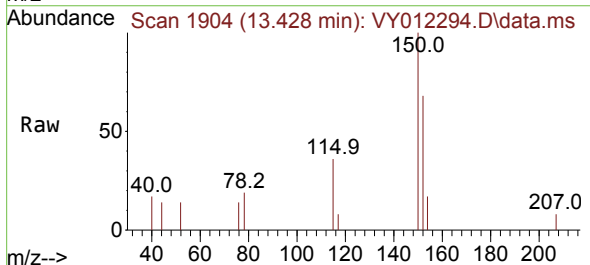
Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

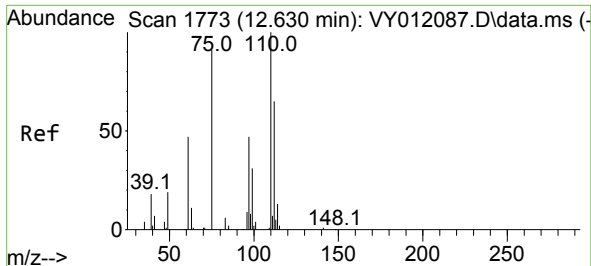
Tgt Ion:117 Resp: 4924
Ion Ratio Lower Upper
117 100
82 51.7 44.8 67.2
119 37.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion:152 Resp: 1045
Ion Ratio Lower Upper
152 100
115 56.7 29.1 87.3
150 163.1 0.0 342.6

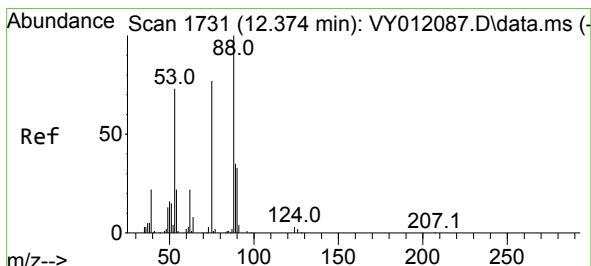
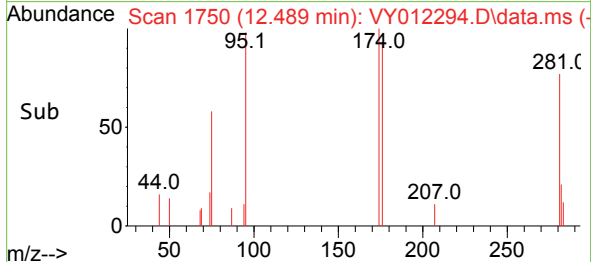
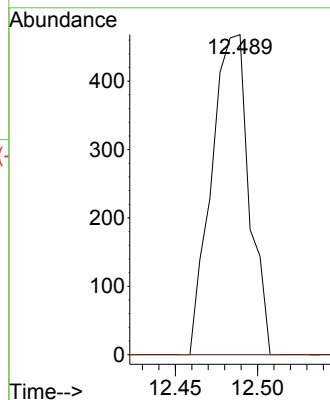
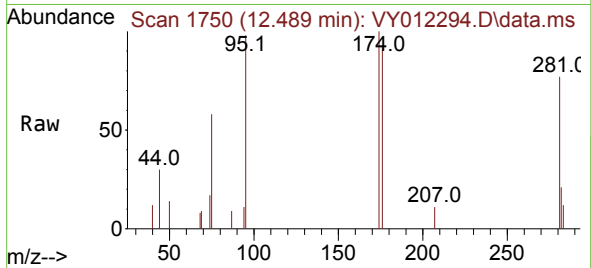




#76
1,2,3-Trichloropropane
Concen: 77.634 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.141 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Instrument :
MSVOA_Y
ClientSampleId :
B-P-18A

Tgt Ion: 75 Resp: 746
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 159.961 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.115 min
Lab File: VY012294.D
Acq: 20 Jan 2023 16:36

Tgt Ion: 75 Resp: 746
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#

