

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081823\
 Data File : VY015191.D
 Acq On : 18 Aug 2023 13:26
 Operator : SY/MD
 Sample : 04086-02
 Misc : 5.10g/5.2mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP06B

Quant Time: Aug 18 23:08:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

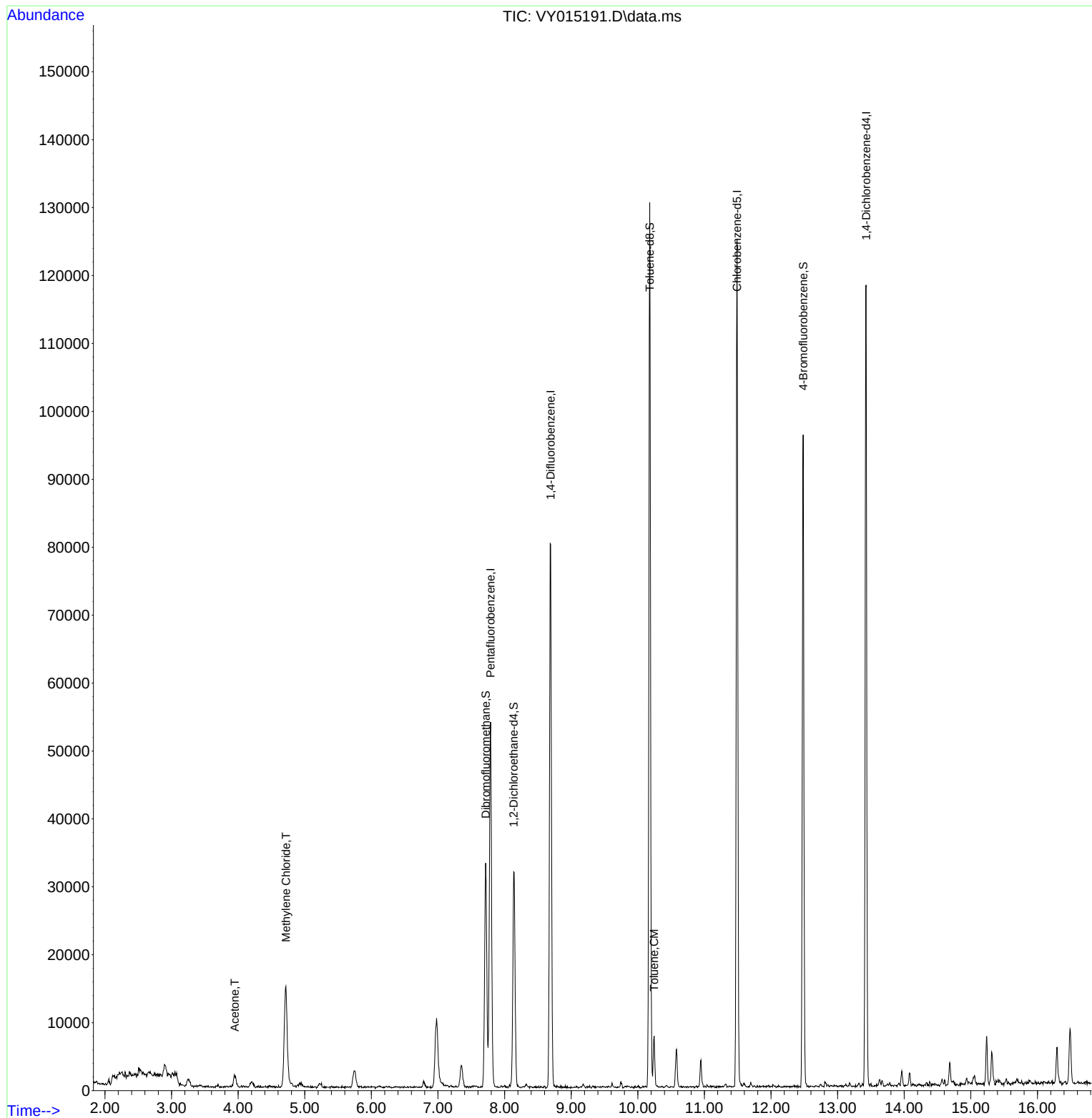
Internal Standards						
1) Pentafluorobenzene	7.789	168	41393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	70254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67654	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	31566	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	25309	50.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.880%	
35) Dibromofluoromethane	7.715	113	22523	49.833	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.660%	
50) Toluene-d8	10.178	98	83717	49.758	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.520%	
62) 4-Bromofluorobenzene	12.483	95	28593	46.529	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.060%	
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	3068	18.900	ug/l	99
20) Methylene Chloride	4.716	84	11075	26.418	ug/l #	85
52) Toluene	10.245	92	3133	3.144	ug/l	94

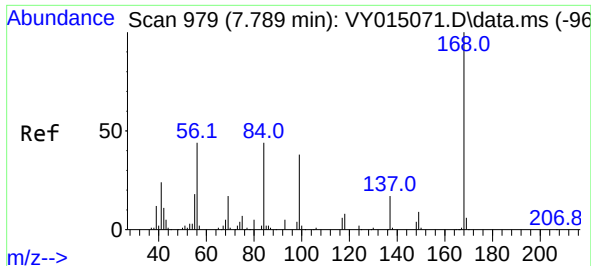
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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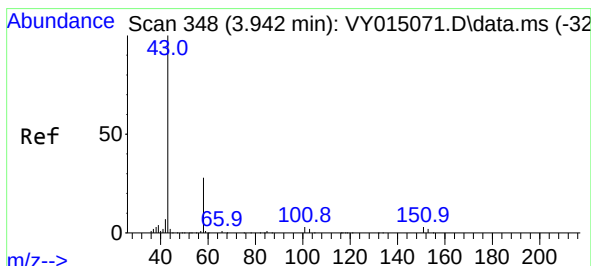
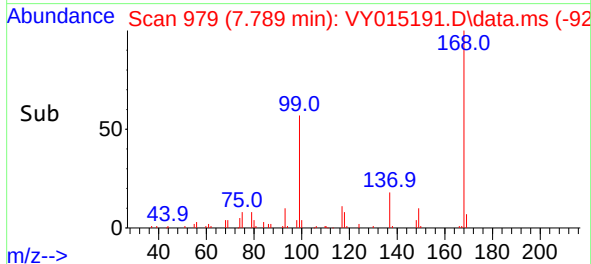
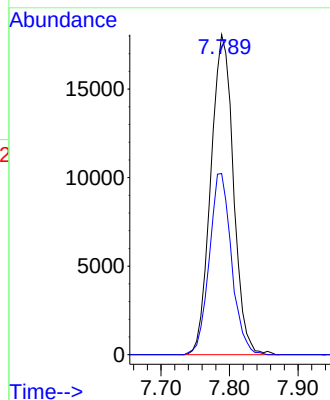
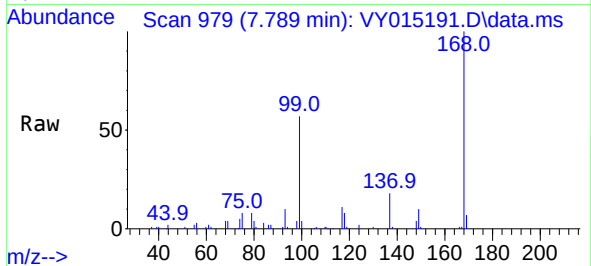




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

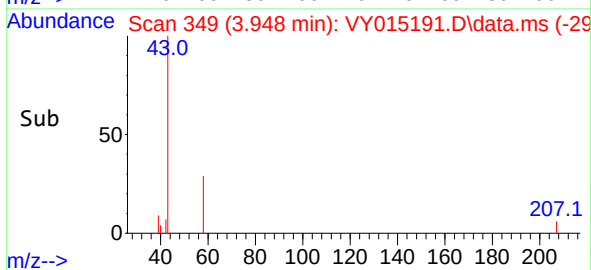
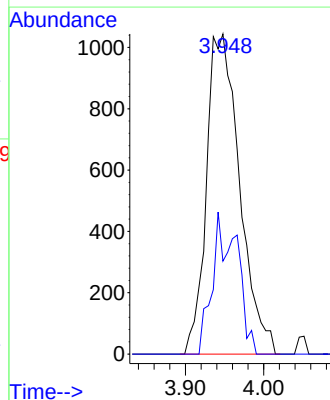
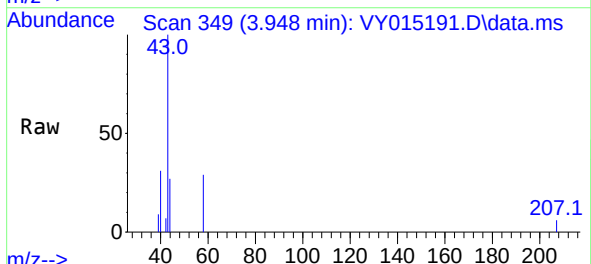
Instrument :
MSVOA_Y
ClientSampleId :
B-PP06B

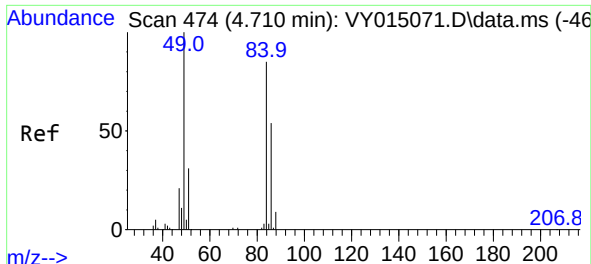
Tgt Ion:168 Resp: 41393
Ion Ratio Lower Upper
168 100
99 56.6 43.4 65.0



#16
Acetone
Concen: 18.900 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

Tgt Ion: 43 Resp: 3068
Ion Ratio Lower Upper
43 100
58 29.0 22.7 34.1



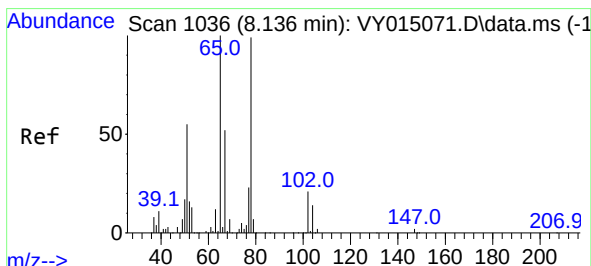
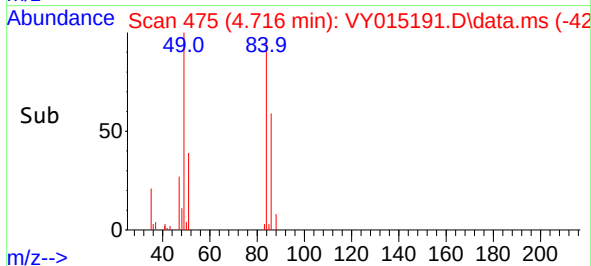
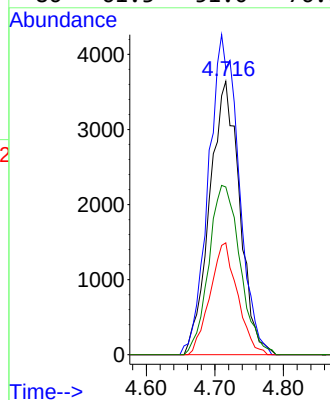
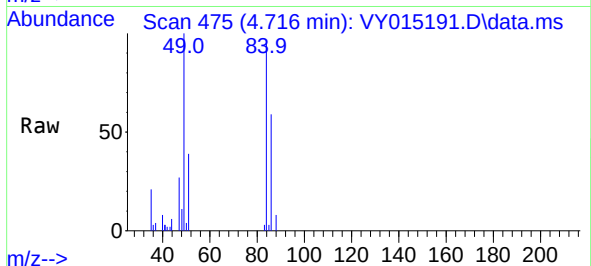


#20
Methylene Chloride
Concen: 26.418 ug/l
RT: 4.716 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

Instrument :
MSVOA_Y
ClientSampleId :
B-PP06B

Tgt Ion: 84 Resp: 11075

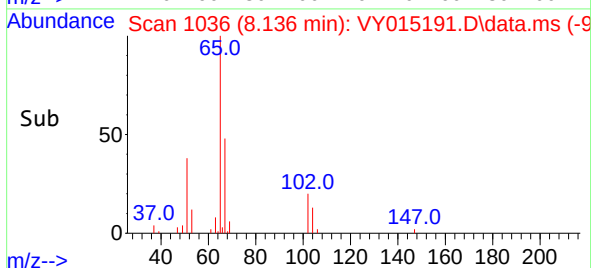
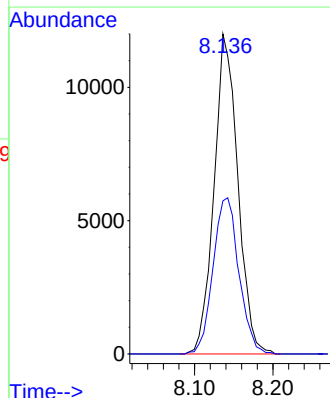
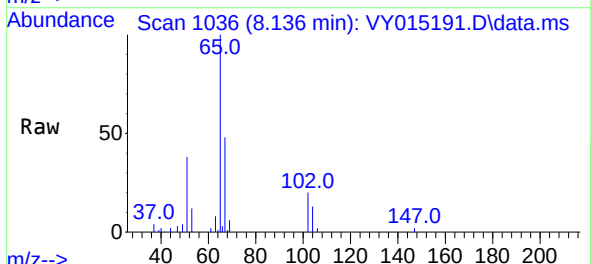
Ion	Ratio	Lower	Upper
84	100		
49	104.8	106.9	160.3#
51	40.9	33.2	49.8
86	61.3	51.0	76.6

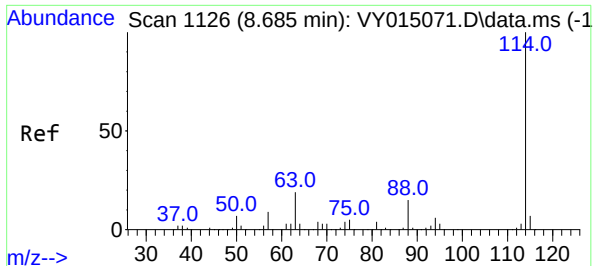


#33
1,2-Dichloroethane-d4
Concen: 50.935 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

Tgt Ion: 65 Resp: 25309

Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VY015191.D

Acq: 18 Aug 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

B-PP06B

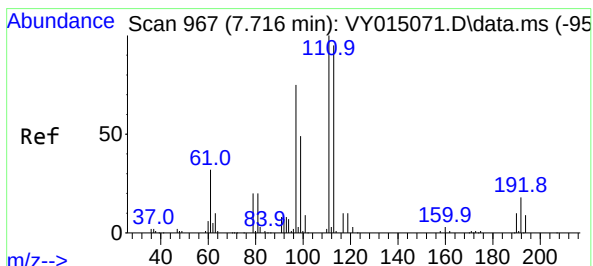
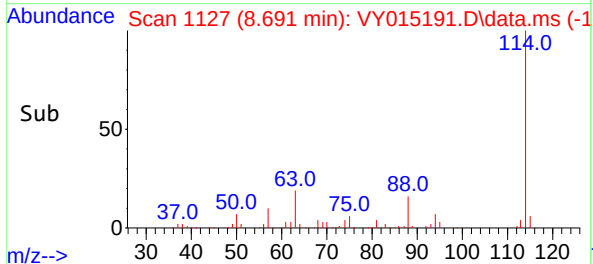
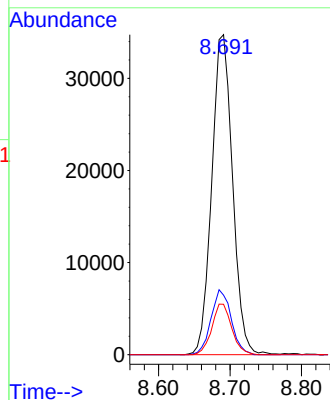
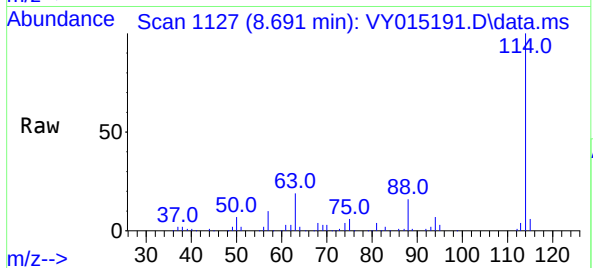
Tgt Ion:114 Resp: 70254

Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 15.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.833 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY015191.D

Acq: 18 Aug 2023 13:26

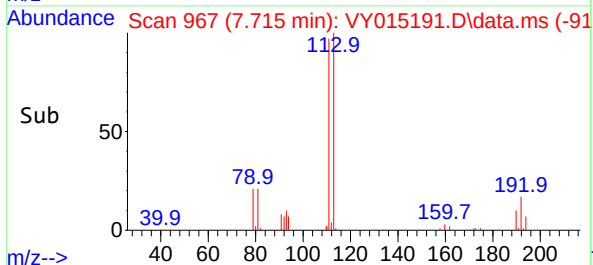
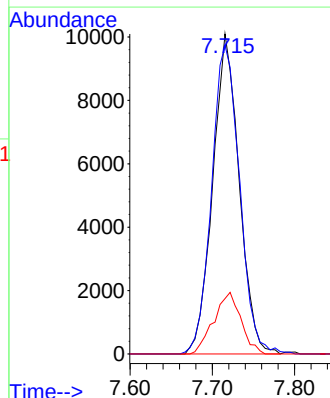
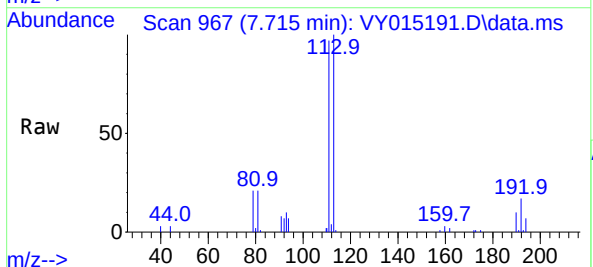
Tgt Ion:113 Resp: 22523

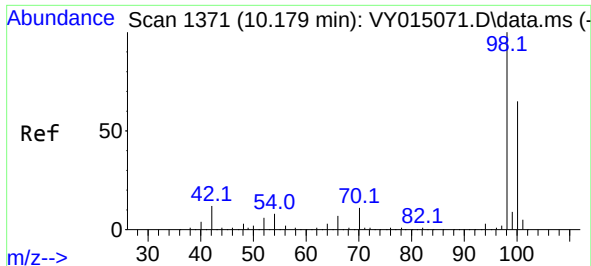
Ion Ratio Lower Upper

113 100

111 102.5 81.3 121.9

192 19.9 16.9 25.3

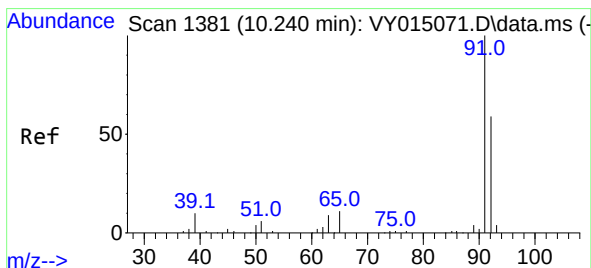
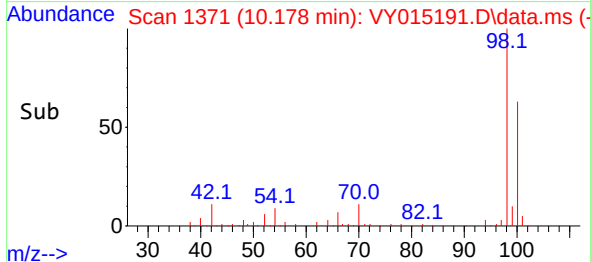
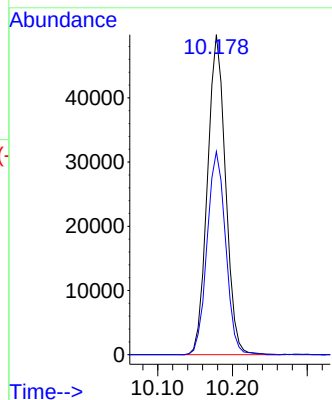
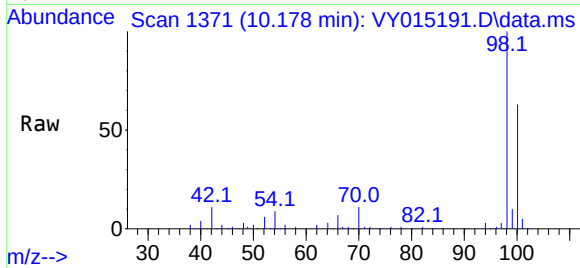




#50
Toluene-d8
Concen: 49.758 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

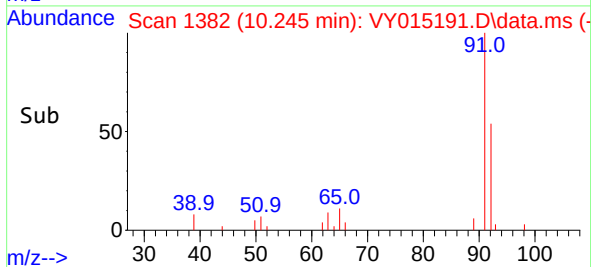
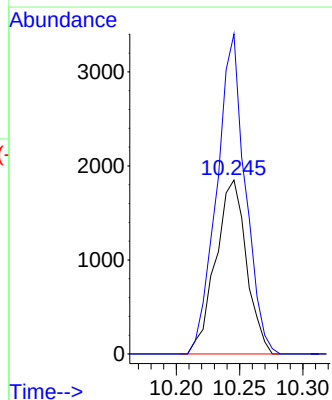
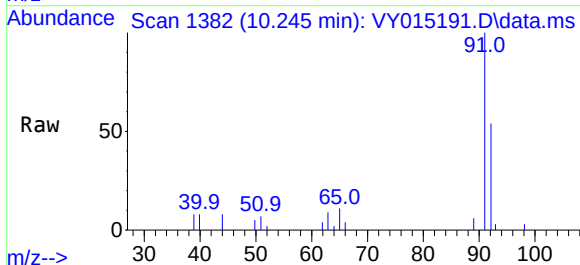
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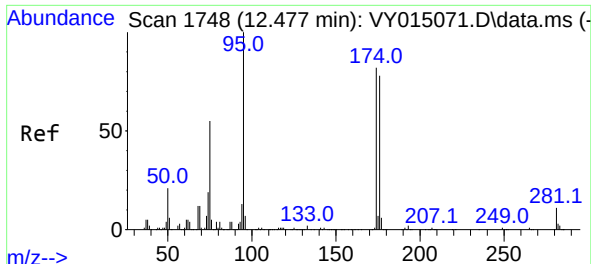
Tgt Ion: 98 Resp: 83717
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#52
Toluene
Concen: 3.144 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

Tgt Ion: 92 Resp: 3133
Ion Ratio Lower Upper
92 100
91 170.5 143.8 215.6

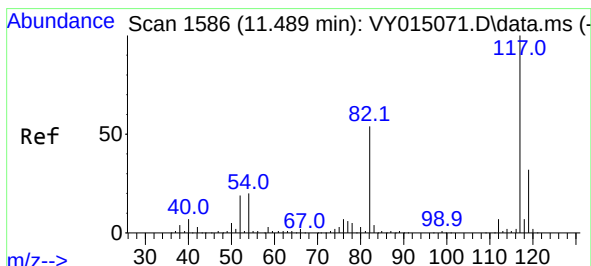
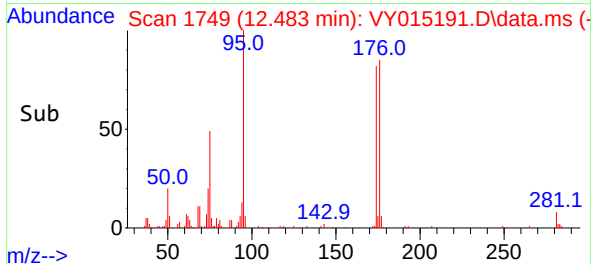
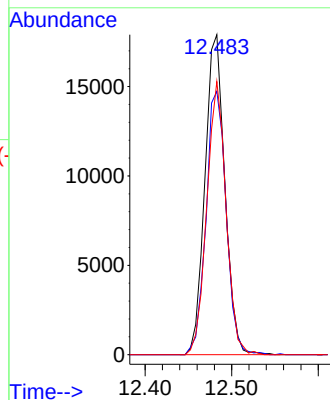
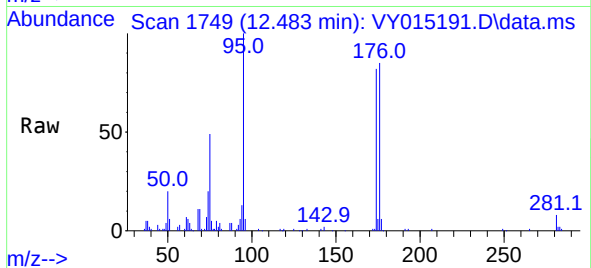




#62
4-Bromofluorobenzene
Concen: 46.529 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

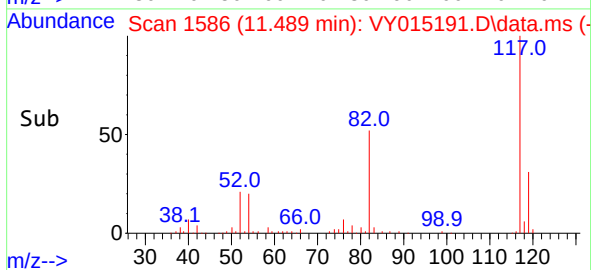
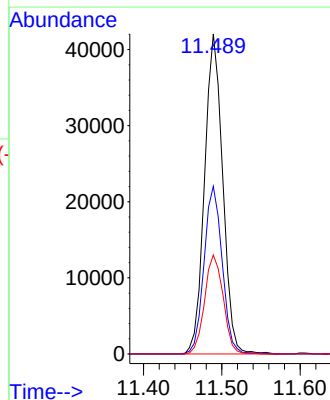
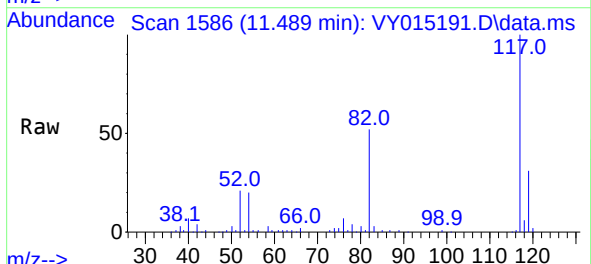
Instrument :
MSVOA_Y
ClientSampleId :
B-PP06B

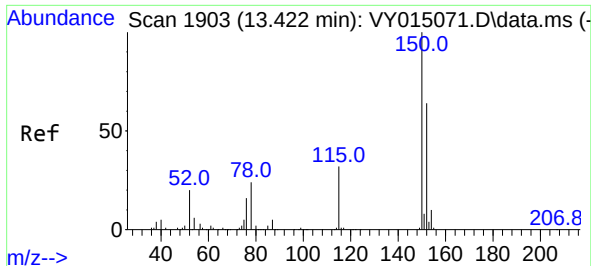
Tgt Ion: 95 Resp: 28593
Ion Ratio Lower Upper
95 100
174 83.4 0.0 178.2
176 82.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015191.D
Acq: 18 Aug 2023 13:26

Tgt Ion: 117 Resp: 67654
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 31.0 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015191.D

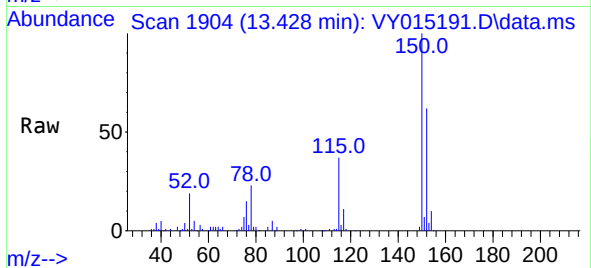
Acq: 18 Aug 2023 13:26

Instrument :

MSVOA_Y

ClientSampleId :

B-PP06B



Tgt Ion:152 Resp: 31566

Ion Ratio Lower Upper

152 100

115 57.6 28.8 86.5

150 157.6 0.0 348.8

