

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015242.D
 Acq On : 22 Aug 2023 14:17
 Operator : SY/MD
 Sample : 04086-16
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP18B

Quant Time: Aug 22 15:13:38 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)

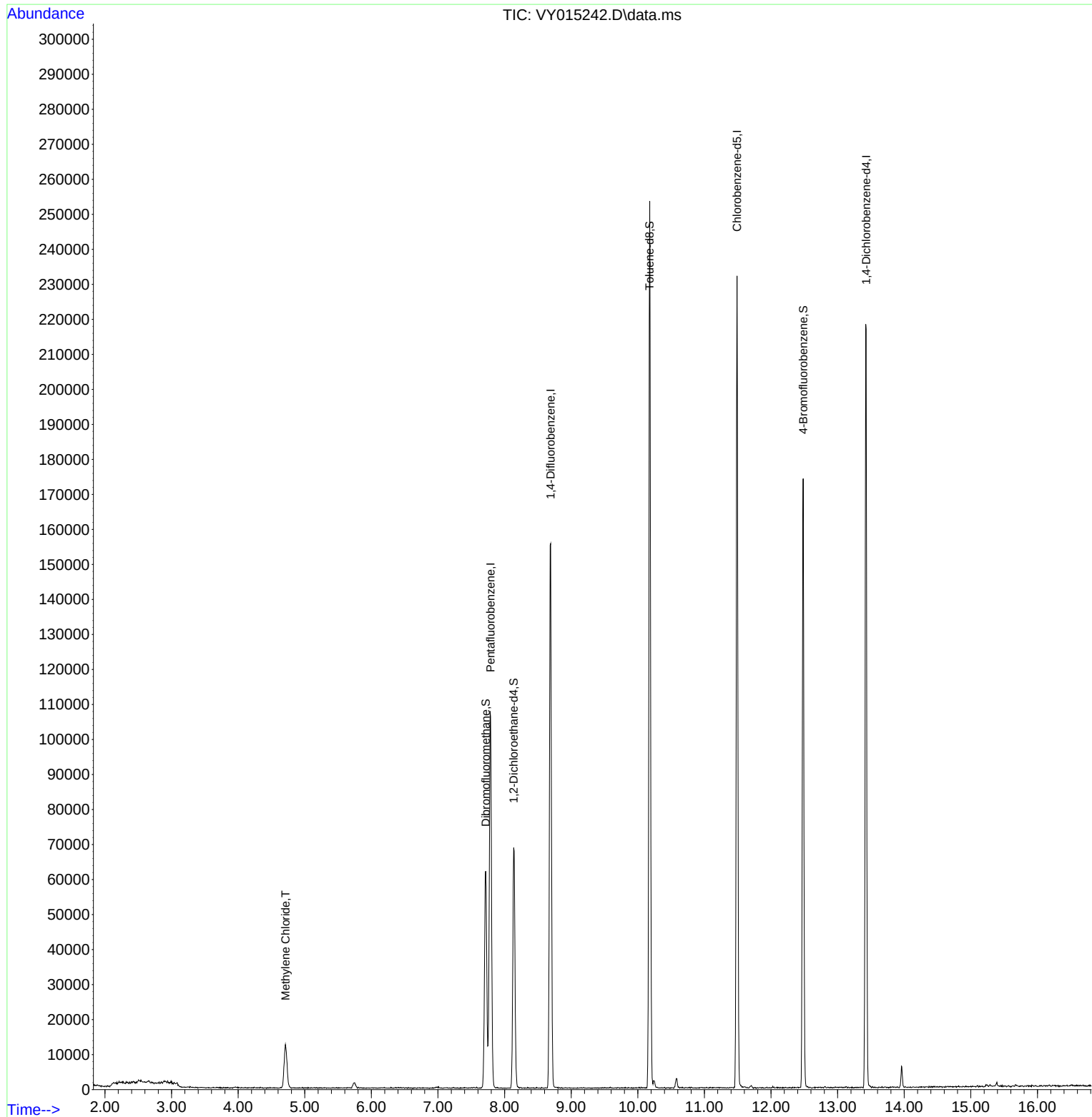
Internal Standards						
1) Pentafluorobenzene	7.789	168	84819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	138099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	122927	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56670	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55118	54.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.260%	
35) Dibromofluoromethane	7.715	113	43642	49.122	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.240%	
50) Toluene-d8	10.178	98	163161	49.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.660%	
62) 4-Bromofluorobenzene	12.483	95	52229	43.237	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 86.480%	
Target Compounds						
20) Methylene Chloride	4.710	84	9250	7.967	ug/l	Qvalue 90

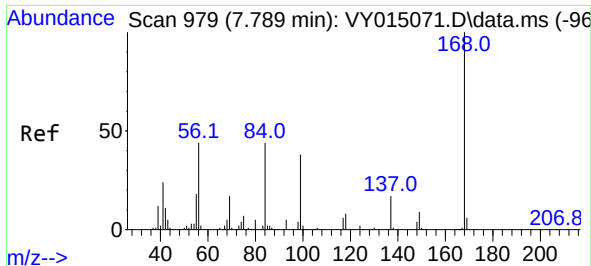
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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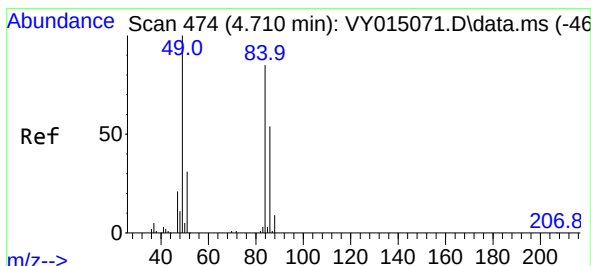
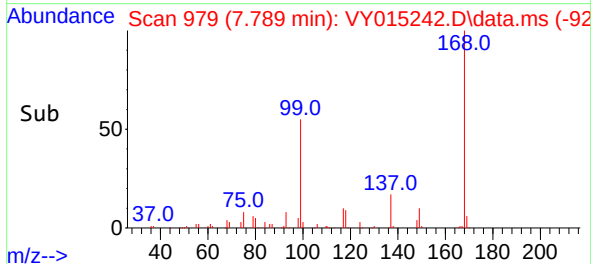
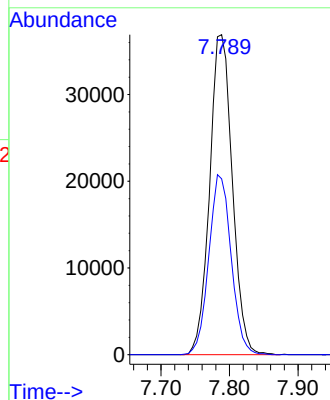
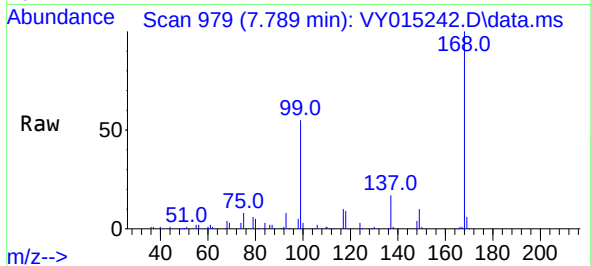




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

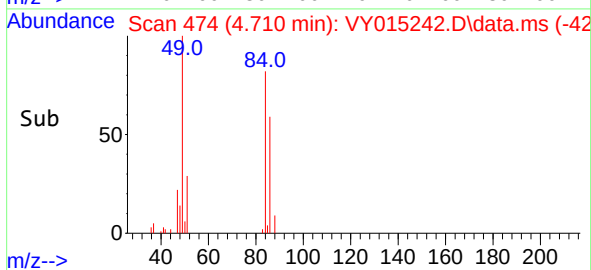
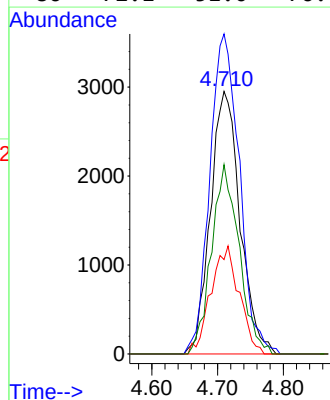
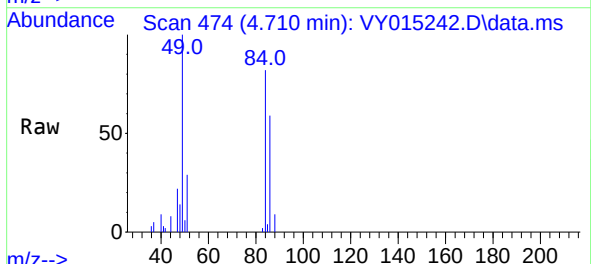
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

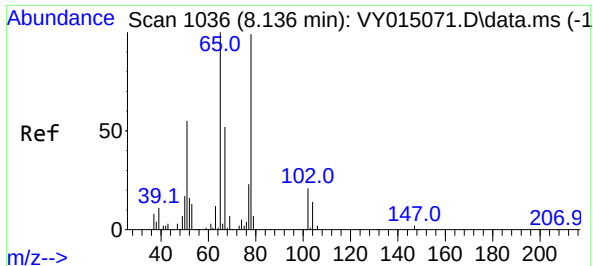
Tgt Ion:168 Resp: 84819
Ion Ratio Lower Upper
168 100
99 55.0 43.4 65.0



#20
Methylene Chloride
Concen: 7.967 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 84 Resp: 9250
Ion Ratio Lower Upper
84 100
49 121.8 106.9 160.3
51 35.9 33.2 49.8
86 72.1 51.0 76.6

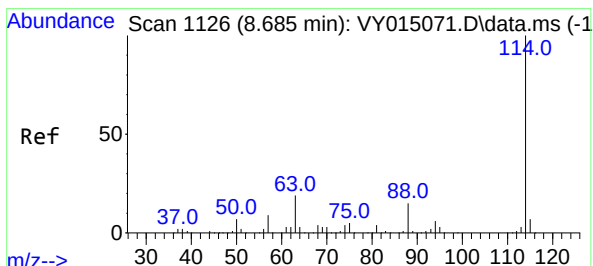
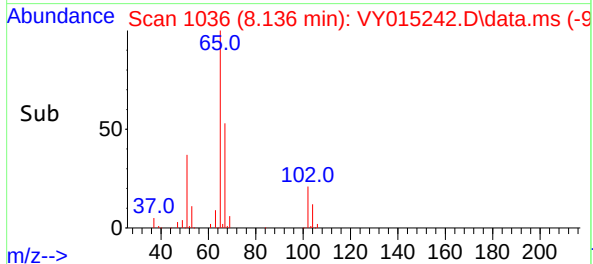
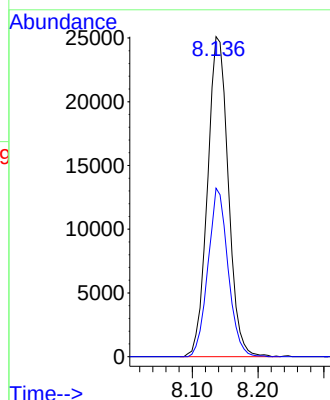
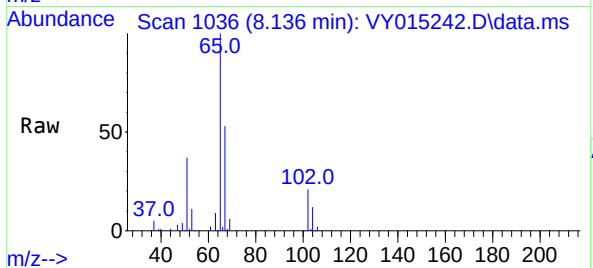




#33
1,2-Dichloroethane-d4
Concen: 54.134 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

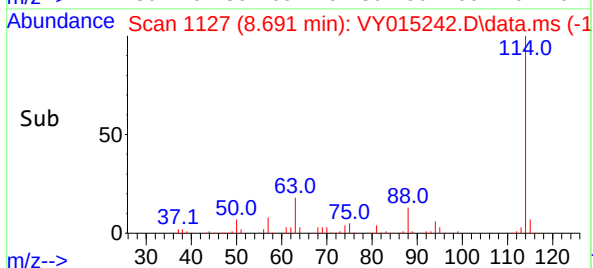
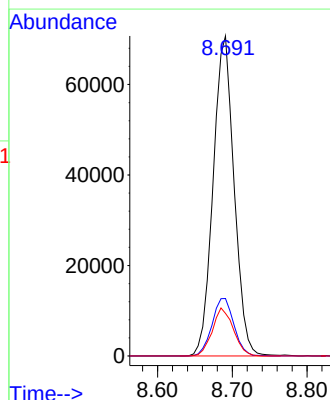
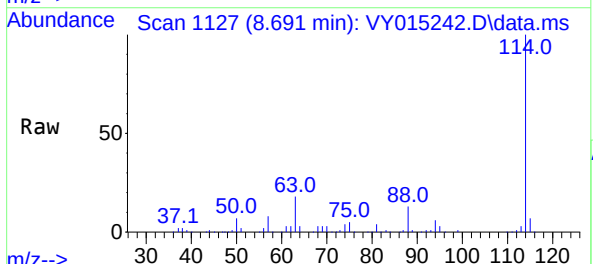
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

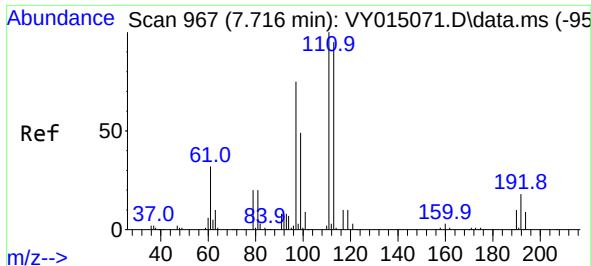
Tgt Ion: 65 Resp: 55118
Ion Ratio Lower Upper
65 100
67 50.9 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 114 Resp: 138099
Ion Ratio Lower Upper
114 100
63 17.9 0.0 42.4
88 13.3 0.0 30.6

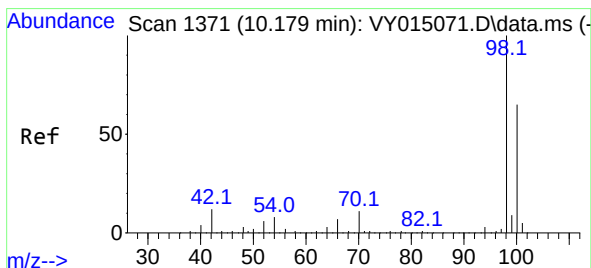
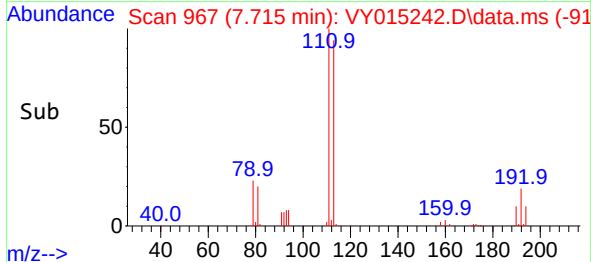
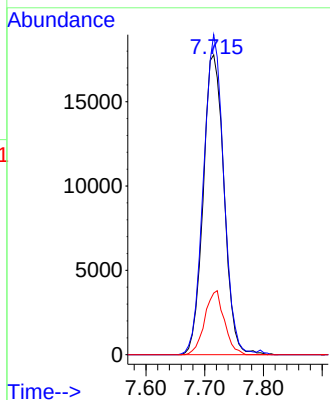
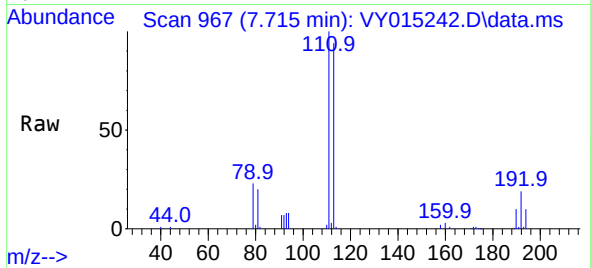




#35
Dibromofluoromethane
Concen: 49.122 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

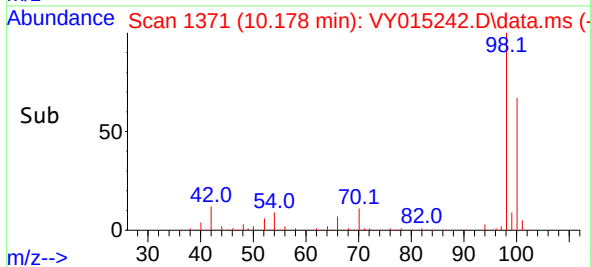
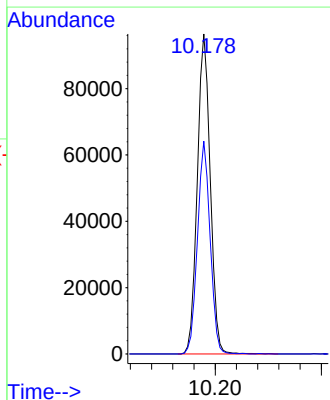
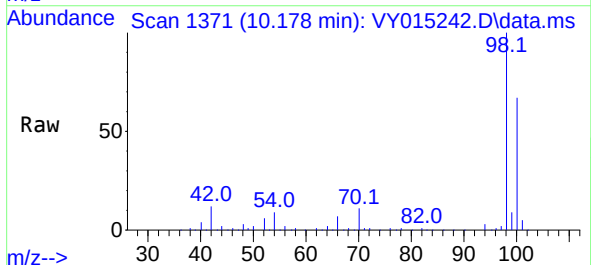
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

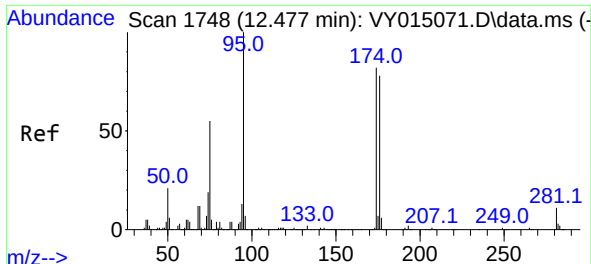
Tgt Ion:113 Resp: 43642
Ion Ratio Lower Upper
113 100
111 104.3 81.3 121.9
192 20.1 16.9 25.3



#50
Toluene-d8
Concen: 49.334 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

Tgt Ion: 98 Resp: 163161
Ion Ratio Lower Upper
98 100
100 65.1 50.1 75.1

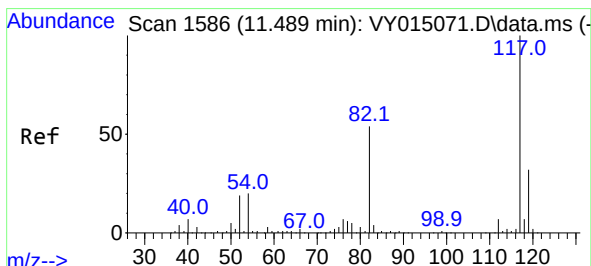
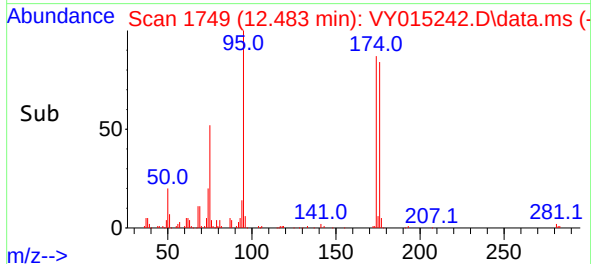
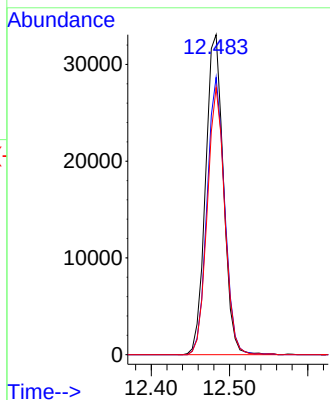
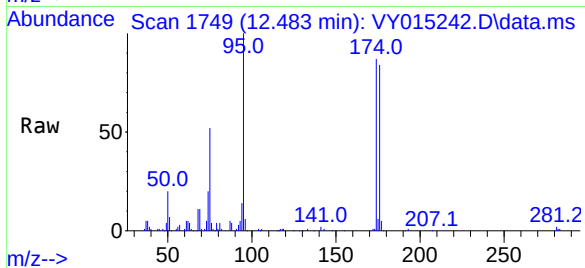




#62
4-Bromofluorobenzene
Concen: 43.237 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

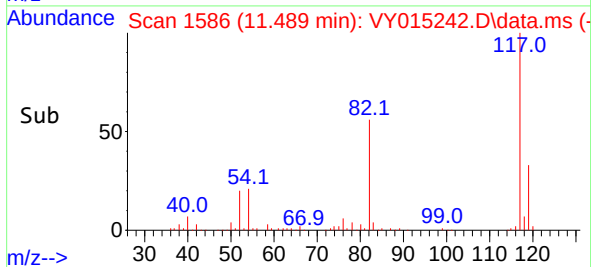
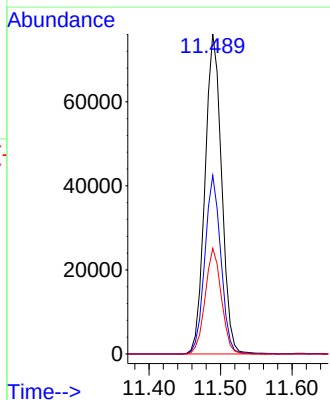
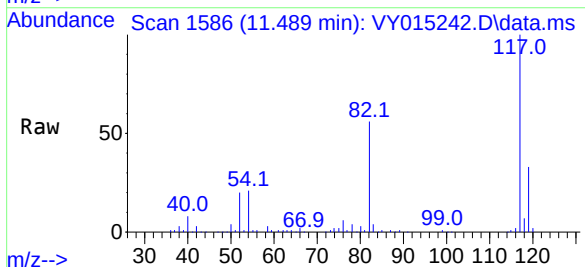
Instrument :
MSVOA_Y
ClientSampleId :
B-PP18B

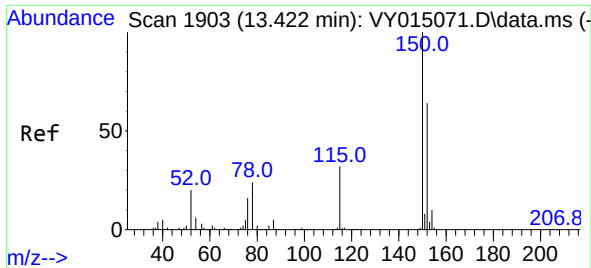
Tgt Ion: 95 Resp: 52229
Ion Ratio Lower Upper
95 100
174 85.5 0.0 178.2
176 81.6 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY015242.D
Acq: 22 Aug 2023 14:17

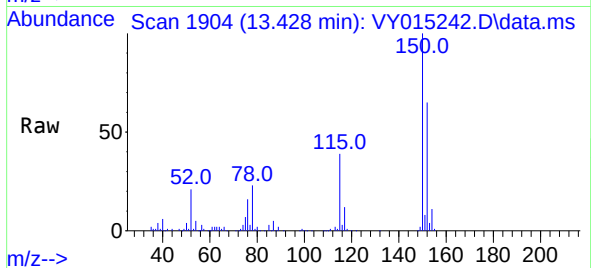
Tgt Ion: 117 Resp: 122927
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 33.0 26.3 39.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY015242.D
 Acq: 22 Aug 2023 14:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP18B



Tgt Ion:152 Resp: 56670

Ion	Ratio	Lower	Upper
152	100		
115	58.6	28.8	86.5
150	158.0	0.0	348.8

