

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015102.D
 Acq On : 15 Aug 2023 14:44
 Operator : SY/MD
 Sample : 03989-01RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-PP25RE

Quant Time: Aug 16 02:04:22 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)

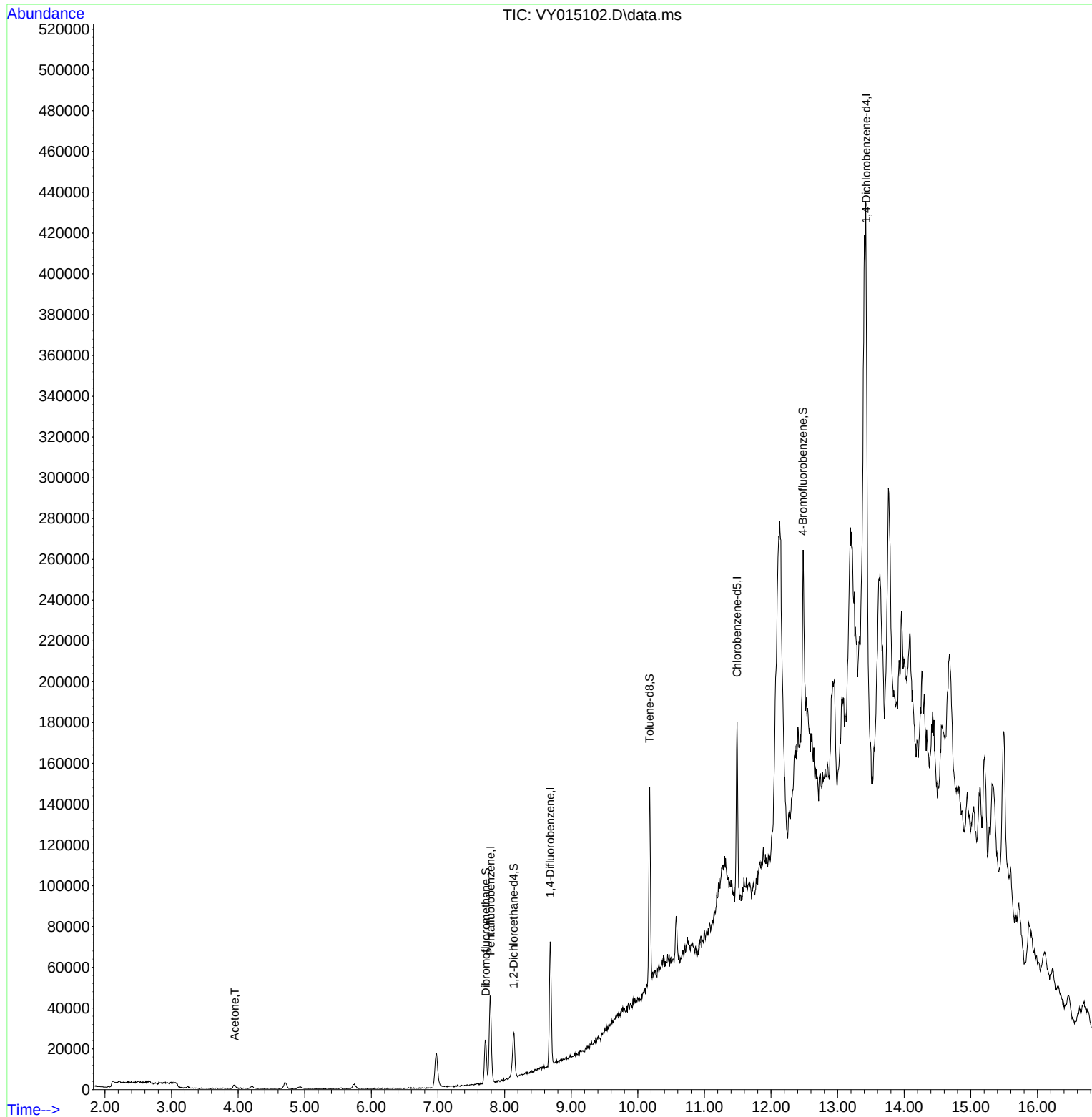
Internal Standards						
1) Pentafluorobenzene	7.789	168	33549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	48445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	27462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	16315	40.512	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.020%
35) Dibromofluoromethane	7.716	113	15305	45.113	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.220%
50) Toluene-d8	10.179	98	63111	49.972	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.477	95	35048	75.980	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	151.960%#
Target Compounds						
16) Acetone	3.948	43	3535	26.869	ug/l	Qvalue 94

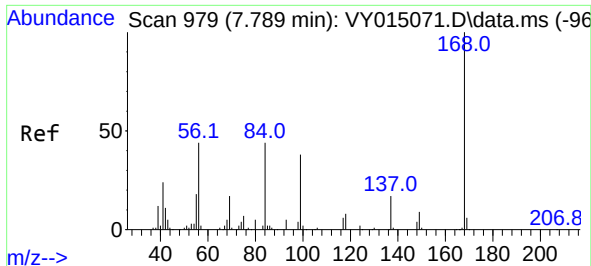
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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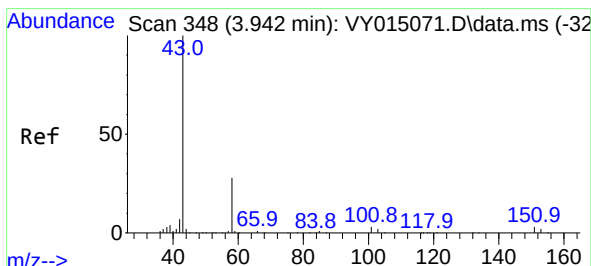
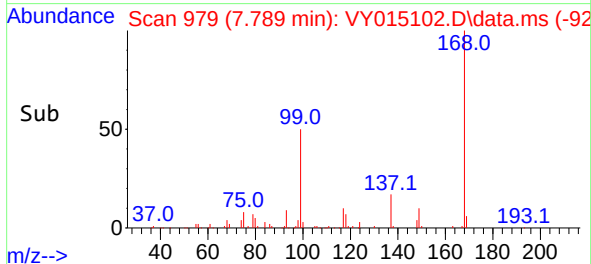
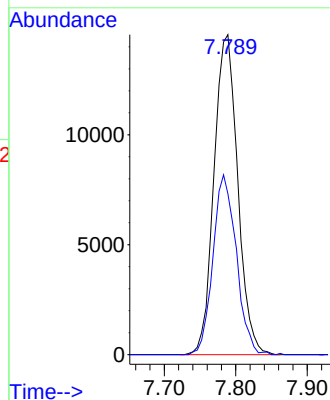
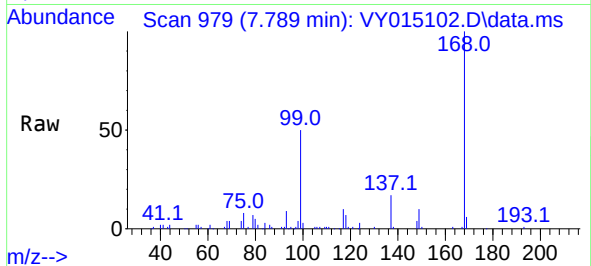




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

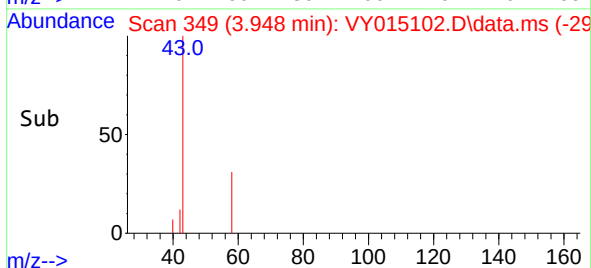
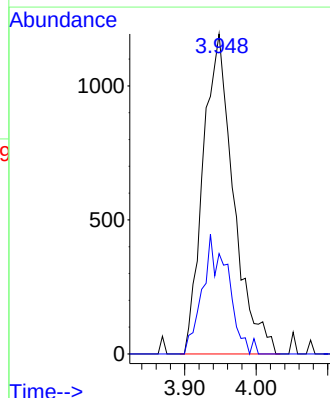
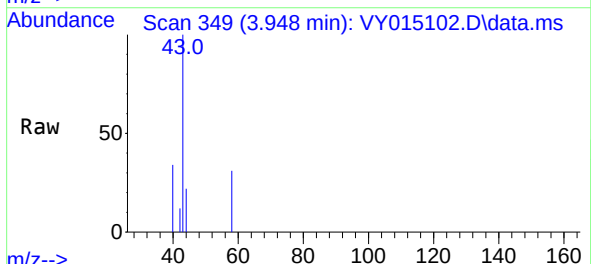
Instrument :
MSVOA_Y
ClientSampleId :
B-PP25RE

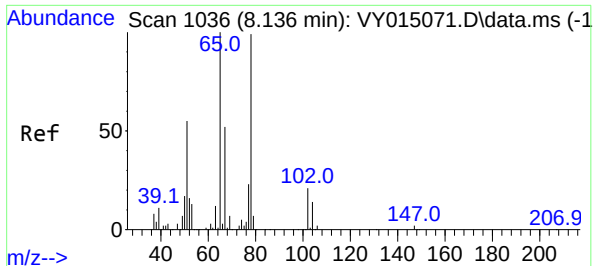
Tgt Ion:168 Resp: 33549
Ion Ratio Lower Upper
168 100
99 50.3 43.4 65.0



#16
Acetone
Concen: 26.869 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

Tgt Ion: 43 Resp: 3535
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1

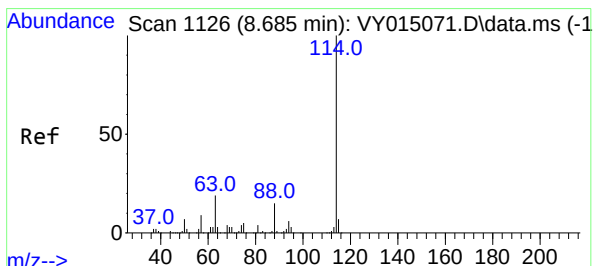
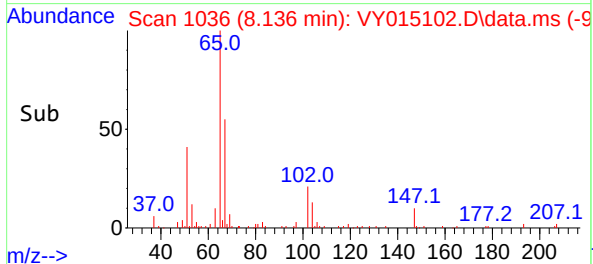
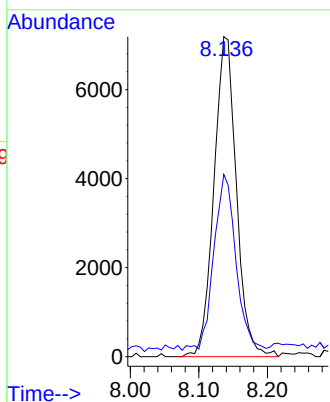
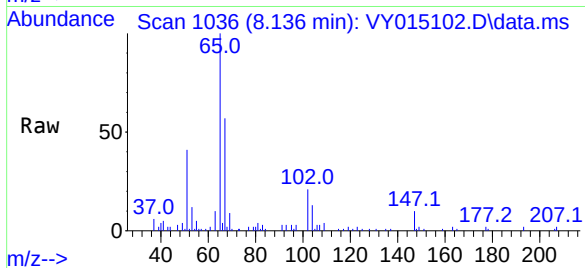




#33
1,2-Dichloroethane-d4
Concen: 40.512 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

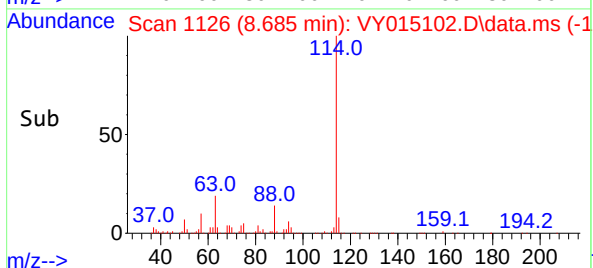
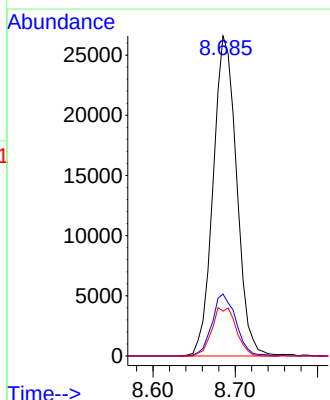
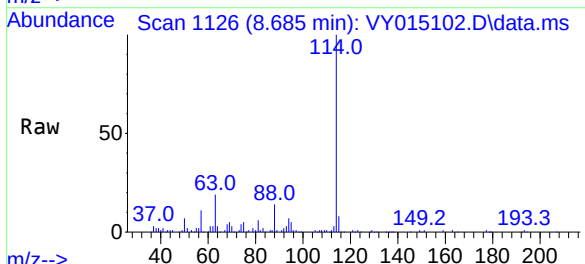
Instrument :
MSVOA_Y
ClientSampleId :
B-PP25RE

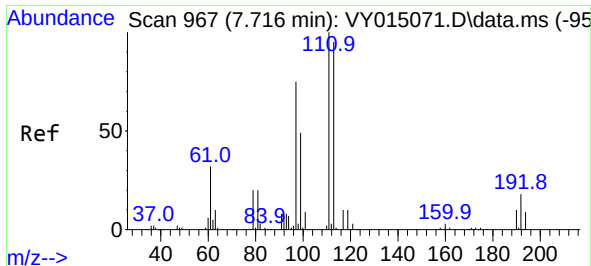
Tgt Ion: 65 Resp: 16315
Ion Ratio Lower Upper
65 100
67 54.1 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

Tgt Ion: 114 Resp: 52735
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 14.0 0.0 30.6

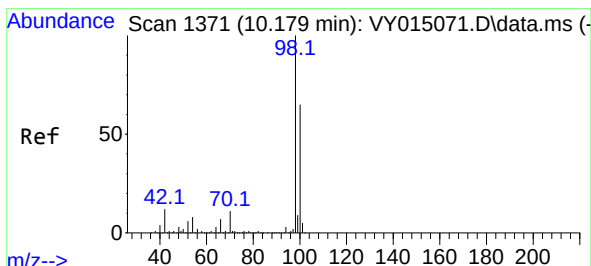
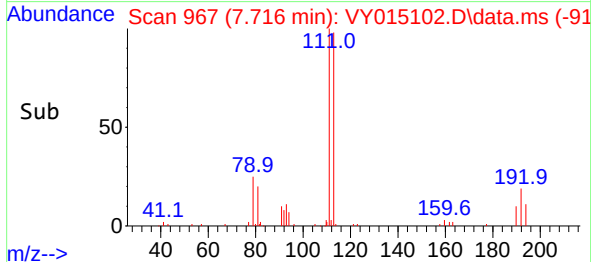
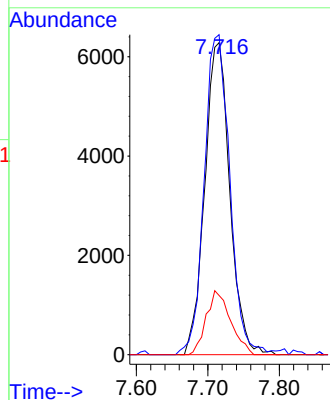
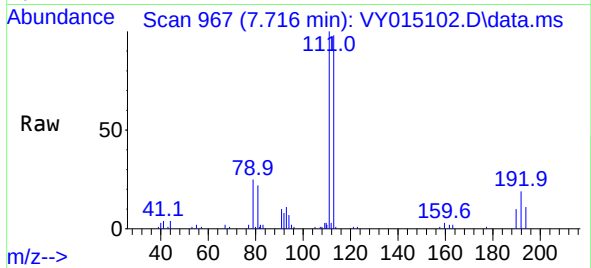




#35
Dibromofluoromethane
Concen: 45.113 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

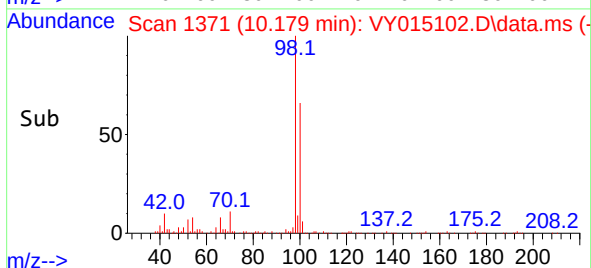
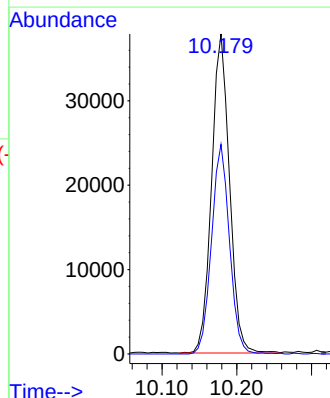
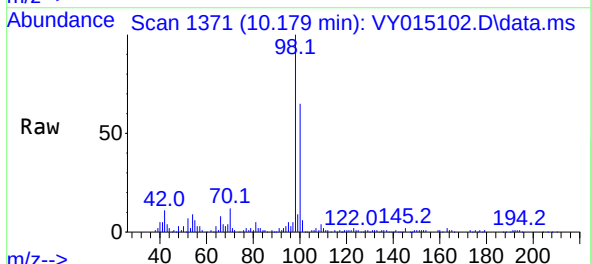
Instrument :
MSVOA_Y
ClientSampleId :
B-PP25RE

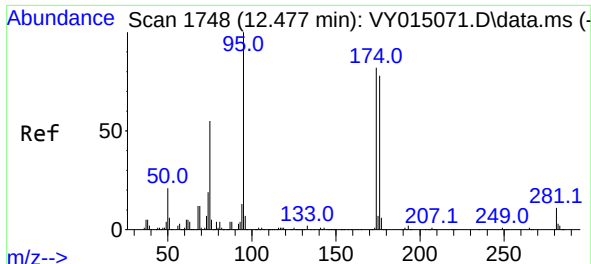
Tgt Ion:113 Resp: 15305
Ion Ratio Lower Upper
113 100
111 104.7 81.3 121.9
192 20.0 16.9 25.3



#50
Toluene-d8
Concen: 49.972 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

Tgt Ion: 98 Resp: 63111
Ion Ratio Lower Upper
98 100
100 65.9 50.1 75.1

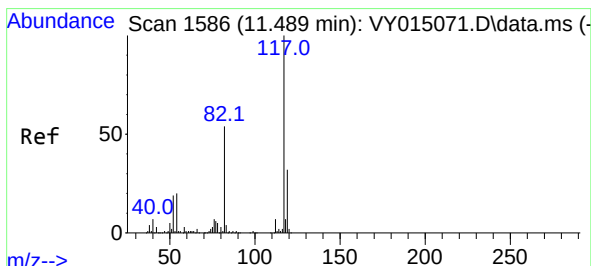
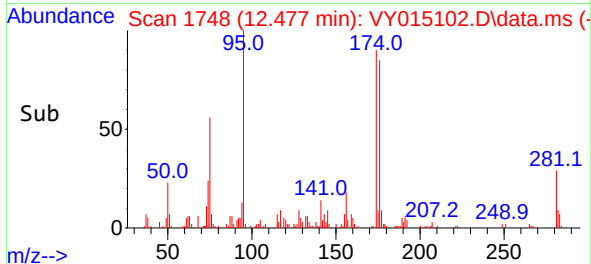
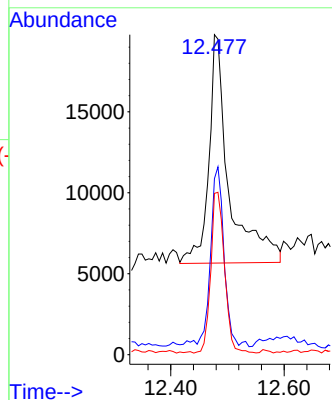
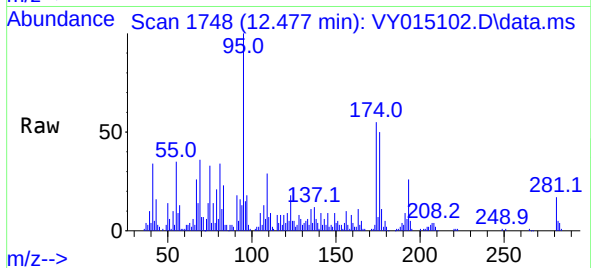




#62
4-Bromofluorobenzene
Concen: 75.980 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

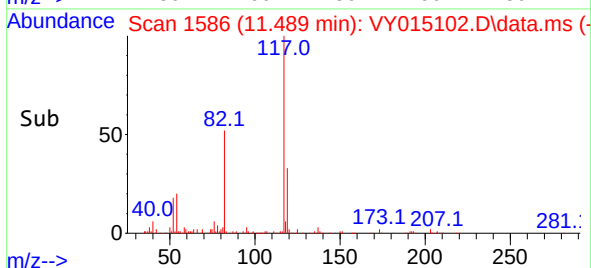
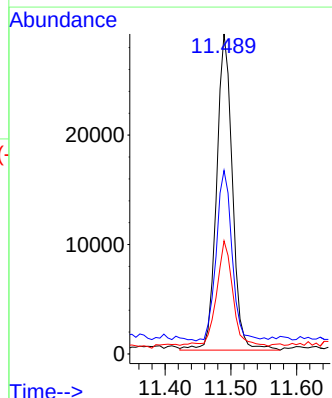
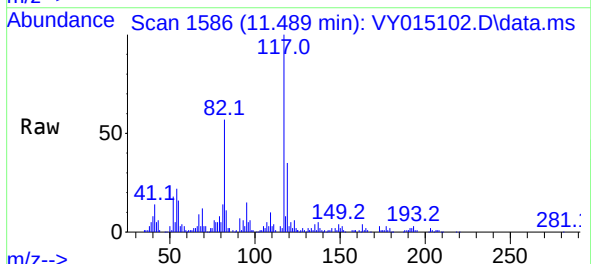
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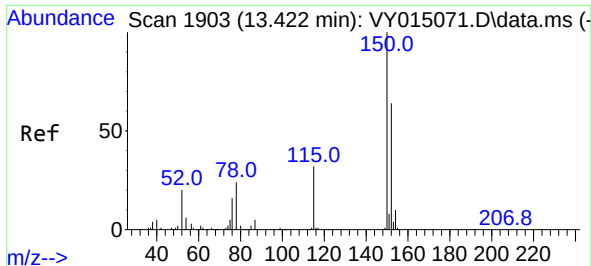
Tgt Ion: 95 Resp: 35048
Ion Ratio Lower Upper
95 100
174 53.5 0.0 178.2
176 47.8 0.0 173.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY015102.D
Acq: 15 Aug 2023 14:44

Tgt Ion: 117 Resp: 48445
Ion Ratio Lower Upper
117 100
82 53.0 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: VY015102.D

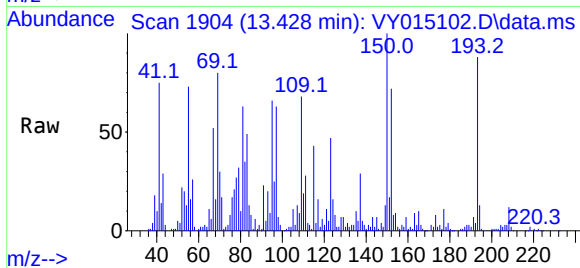
Acq: 15 Aug 2023 14:44

Instrument :

MSVOA_Y

ClientSampleId :

B-PP25RE



Tgt Ion:152 Resp: 27462

Ion Ratio Lower Upper

152 100

115 44.4 28.8 86.5

150 113.6 0.0 348.8

