

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081523\
 Data File : VY015113.D
 Acq On : 15 Aug 2023 19:04
 Operator : SY/MD
 Sample : 04016-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P-PP12

Quant Time: Aug 16 02:08:31 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)

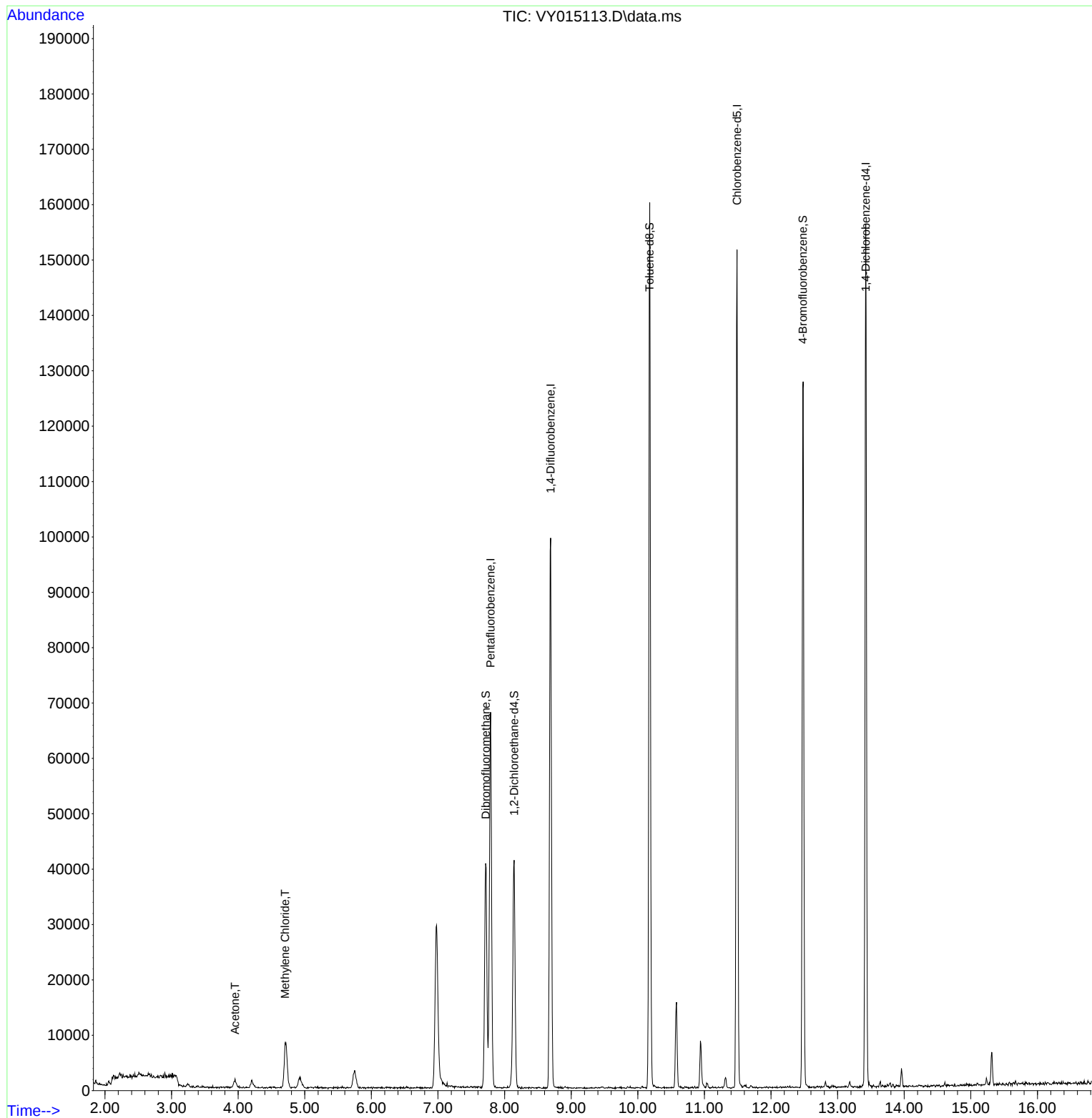
Internal Standards						
1) Pentafluorobenzene	7.789	168	52985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	84221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40167	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	32292	50.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.540%
35) Dibromofluoromethane	7.716	113	28142	49.505	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.000%
50) Toluene-d8	10.179	98	103836	49.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.477	95	37465	48.472	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.940%
Target Compounds						Qvalue
16) Acetone	3.954	43	2546	12.253	ug/l	94
20) Methylene Chloride	4.704	84	6708	10.009	ug/l #	73

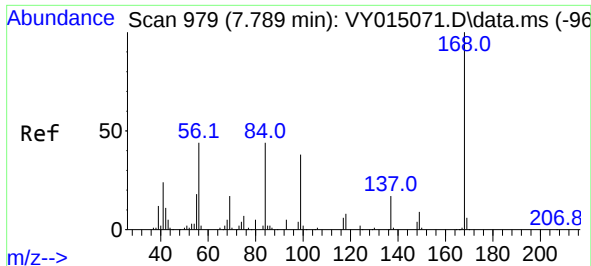
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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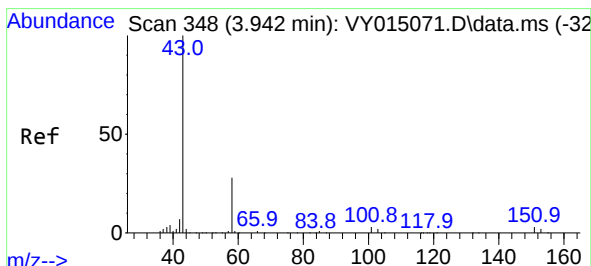
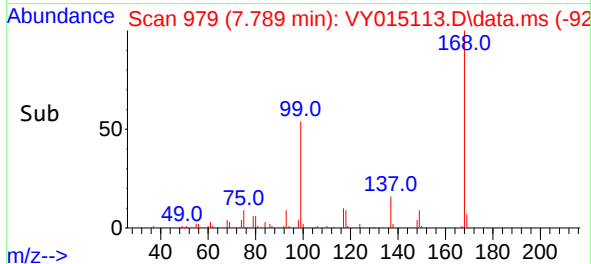
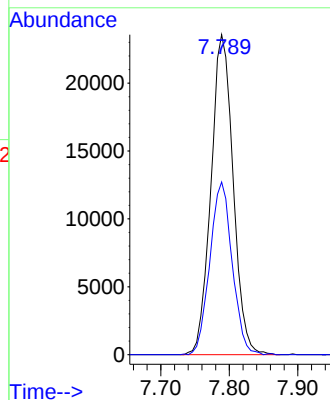
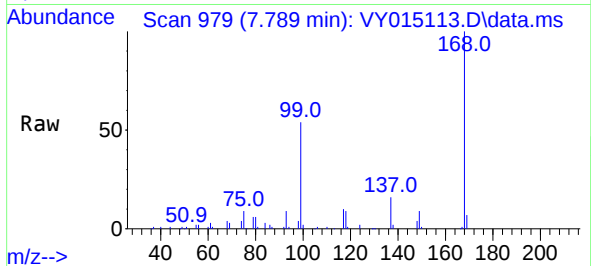




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

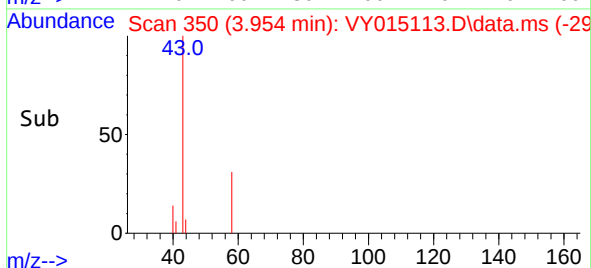
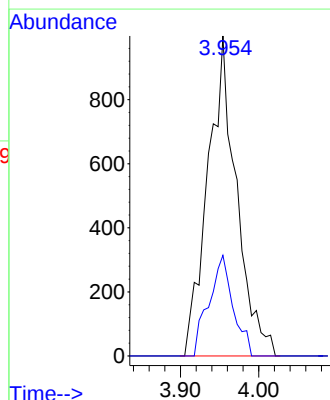
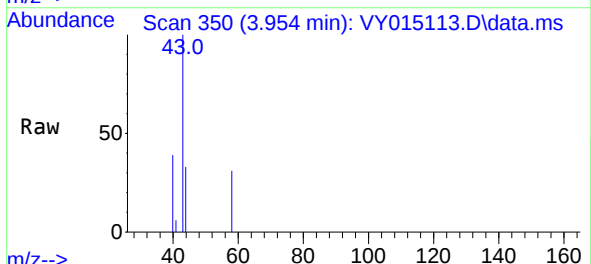
Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

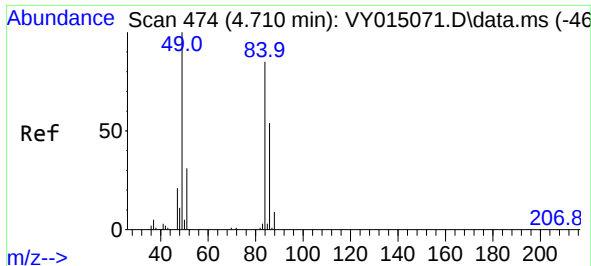
Tgt Ion:168 Resp: 52985
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#16
Acetone
Concen: 12.253 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion: 43 Resp: 2546
Ion Ratio Lower Upper
43 100
58 31.4 22.7 34.1

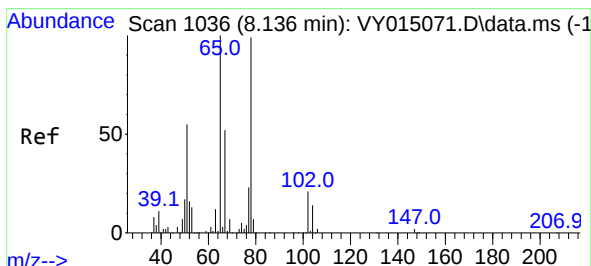
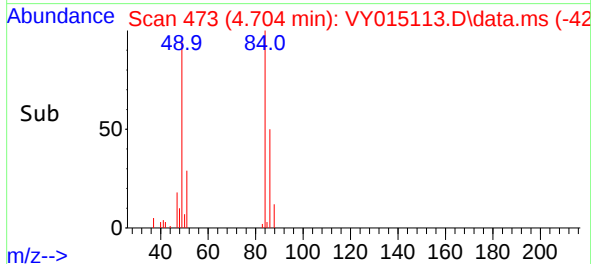
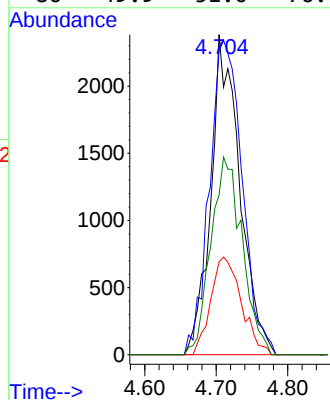
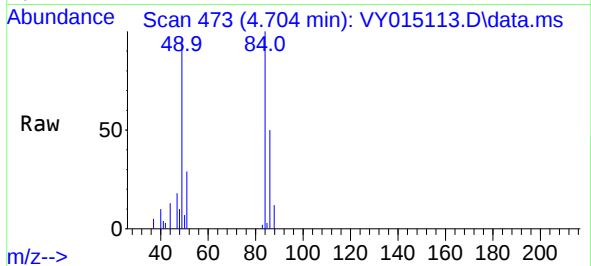




#20
Methylene Chloride
Concen: 10.009 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

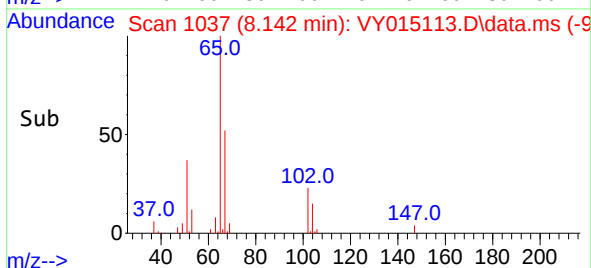
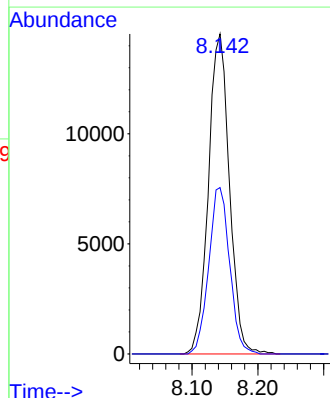
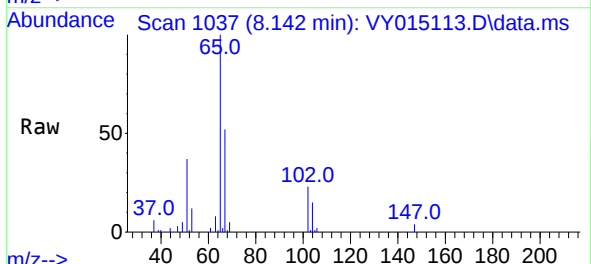
Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

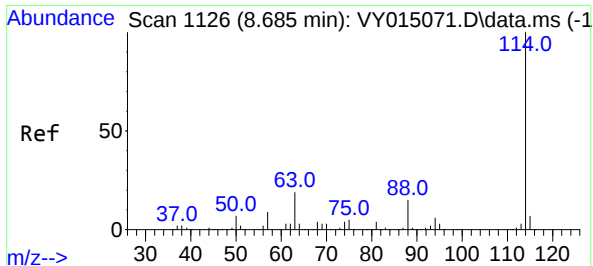
Tgt Ion: 84 Resp: 6708
Ion Ratio Lower Upper
84 100
49 94.8 106.9 160.3#
51 29.0 33.2 49.8#
86 49.9 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 50.771 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion: 65 Resp: 32292
Ion Ratio Lower Upper
65 100
67 51.7 0.0 101.8

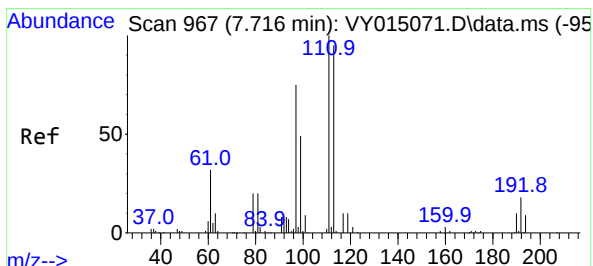
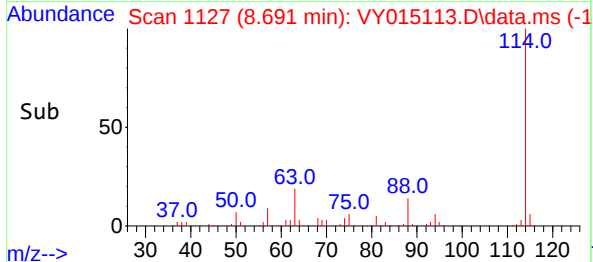
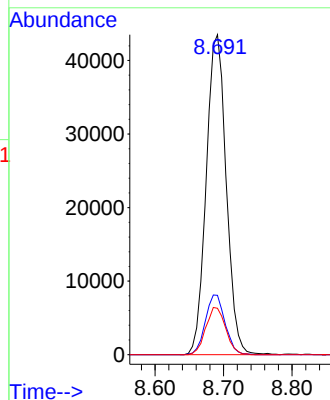
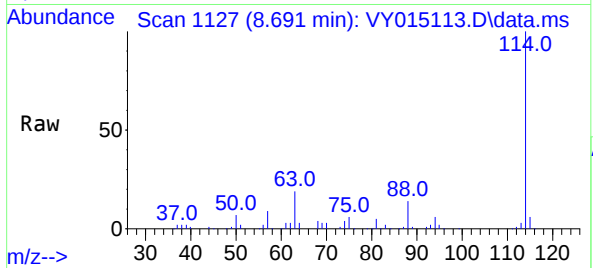




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

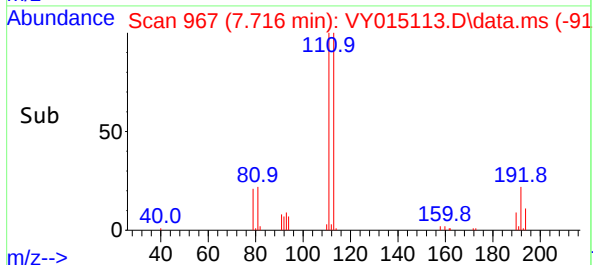
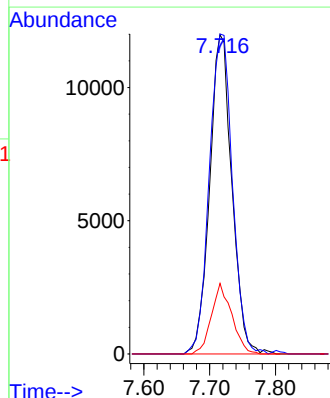
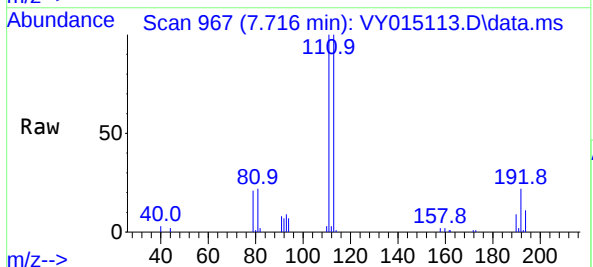
Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

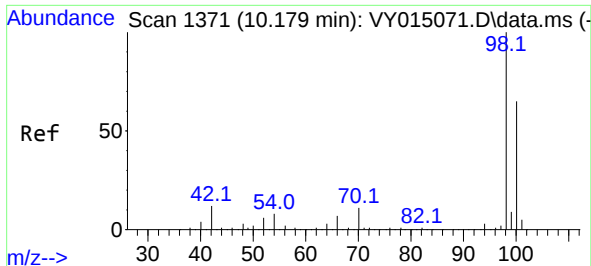
Tgt Ion:114 Resp: 88363
Ion Ratio Lower Upper
114 100
63 18.5 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.505 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion:113 Resp: 28142
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 20.3 16.9 25.3

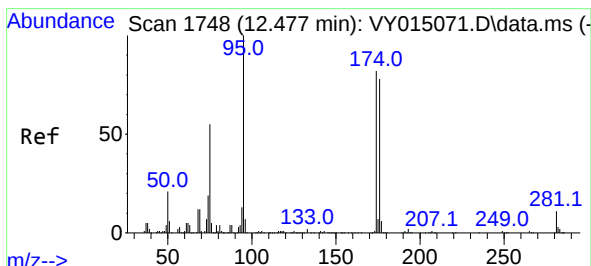
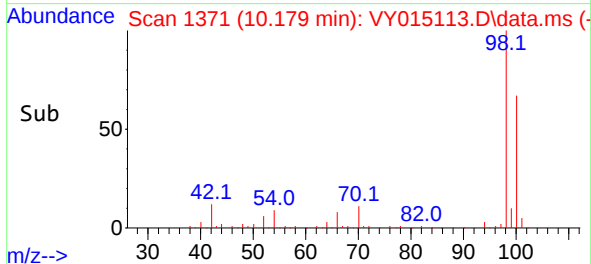
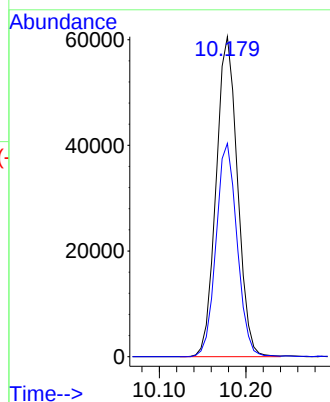
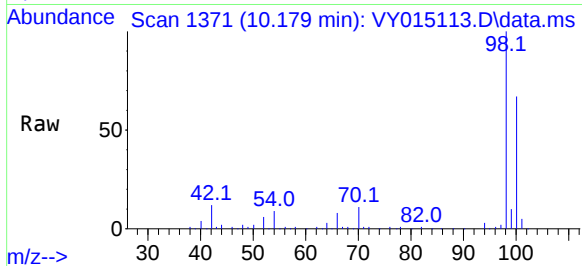




#50
Toluene-d8
Concen: 49.068 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

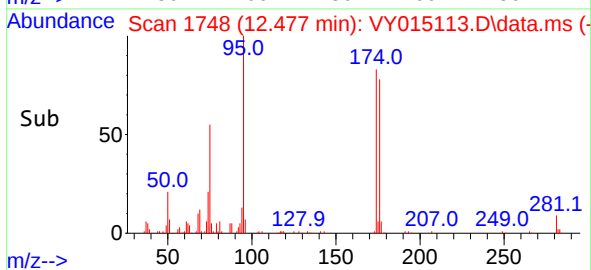
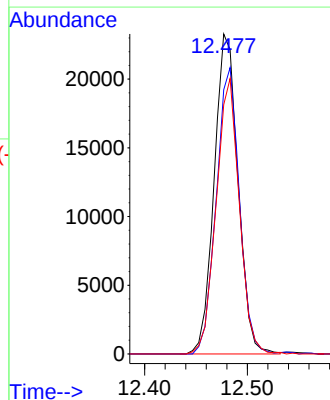
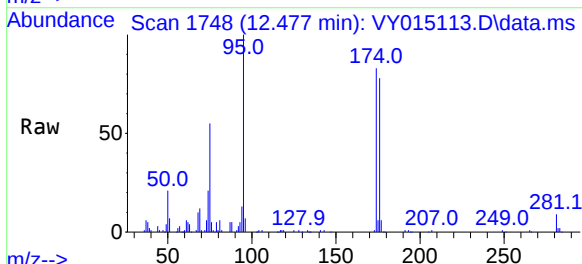
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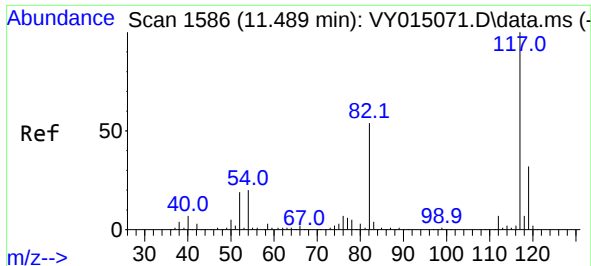
Tgt Ion: 98 Resp: 103836
Ion Ratio Lower Upper
98 100
100 65.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 48.472 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion: 95 Resp: 37465
Ion Ratio Lower Upper
95 100
174 86.8 0.0 178.2
176 83.7 0.0 173.8

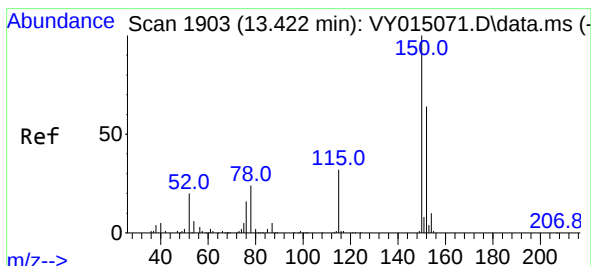
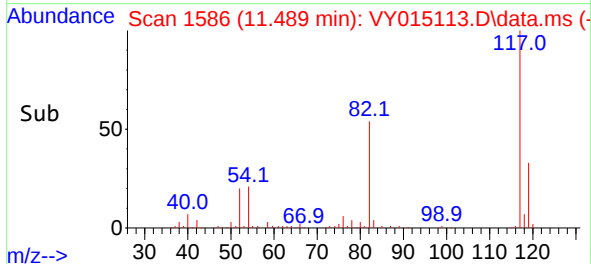
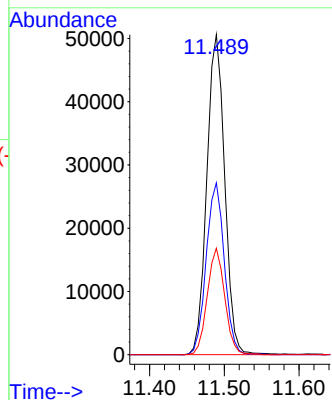
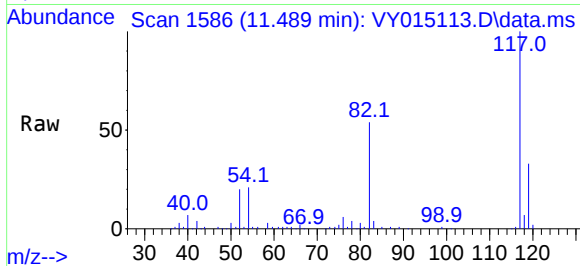




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Instrument :
MSVOA_Y
ClientSampleId :
P-PP12

Tgt Ion:117	Resp:	84221
Ion	Ratio	Lower Upper
117	100	
82	53.7	43.4 65.0
119	33.3	26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY015113.D
Acq: 15 Aug 2023 19:04

Tgt Ion:152	Resp:	40167
Ion	Ratio	Lower Upper
152	100	
115	57.9	28.8 86.5
150	157.0	0.0 348.8

