

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082423\
 Data File : VY015328.D
 Acq On : 24 Aug 2023 21:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Aug 25 03:27:54 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	179014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	272386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	111113	51.707	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.420%
35) Dibromofluoromethane	7.716	113	91749	47.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.940%
50) Toluene-d8	10.179	98	352475	49.504	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.483	95	129375	49.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.500%

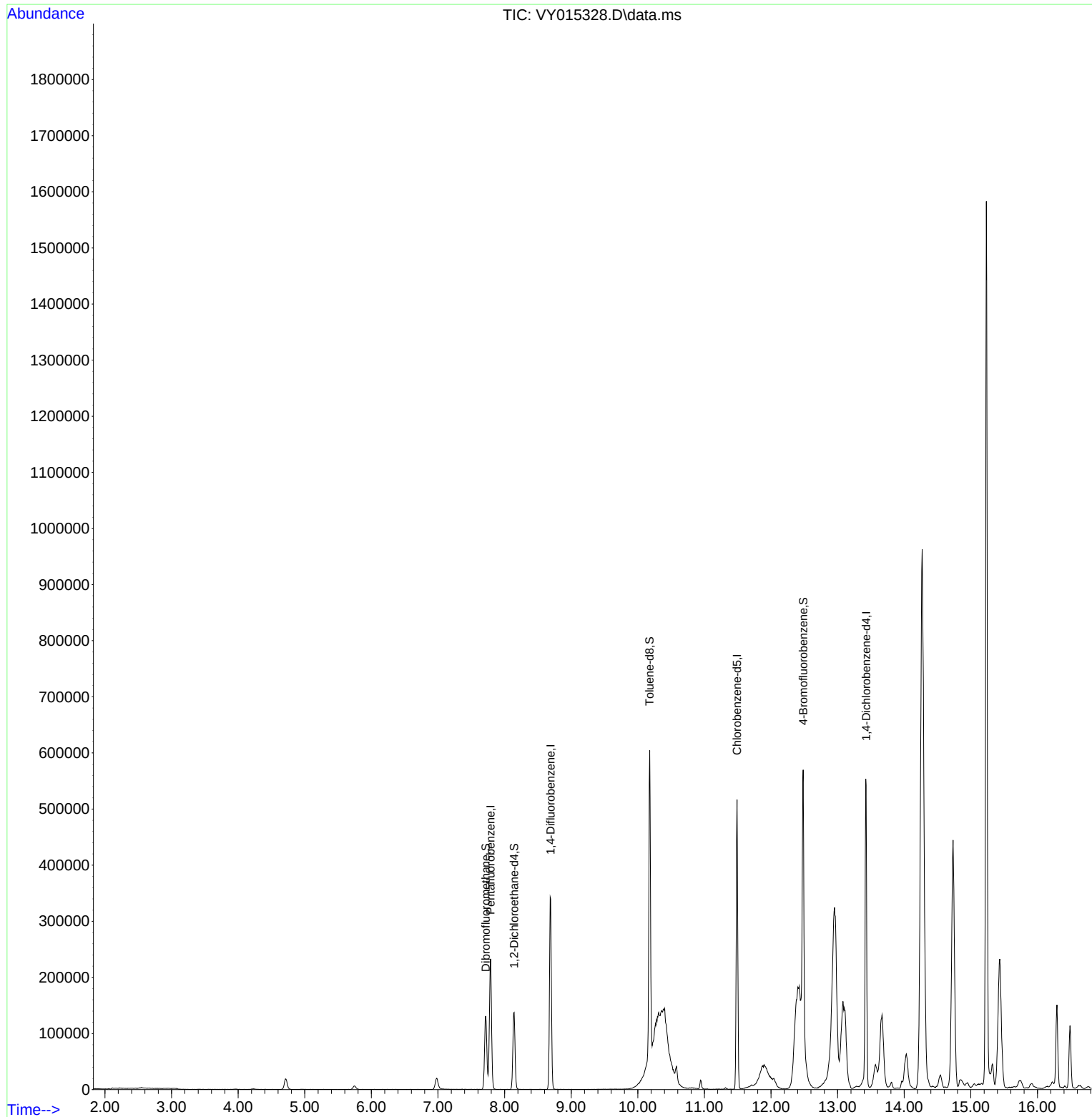
Target Compounds	Qvalue

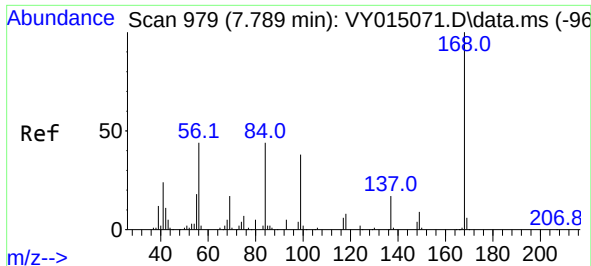
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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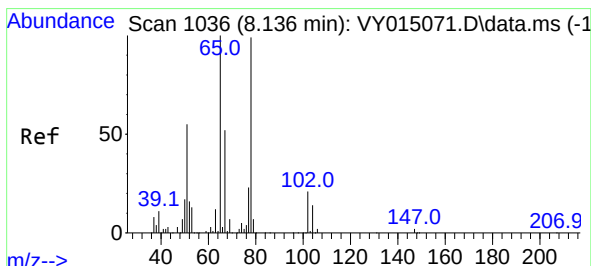
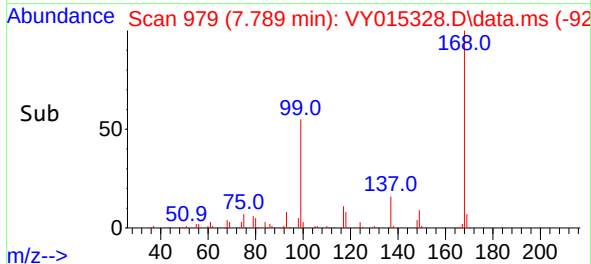
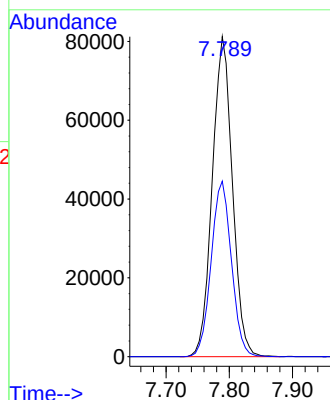
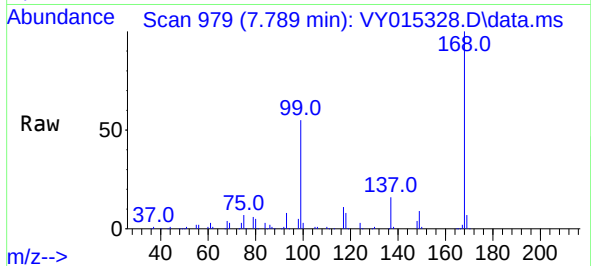




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015328.D
Acq: 24 Aug 2023 21:35

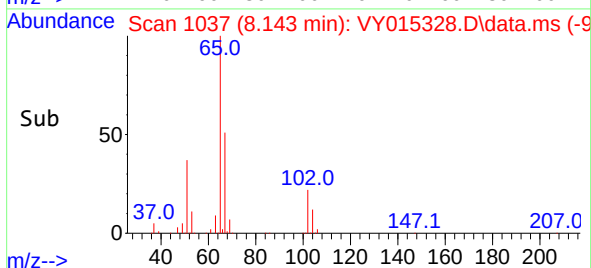
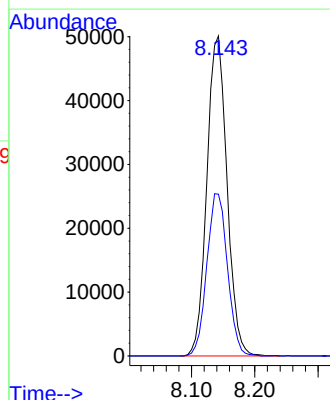
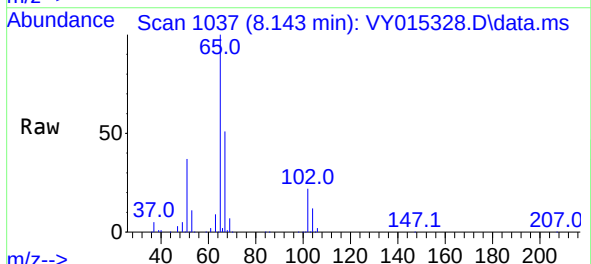
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

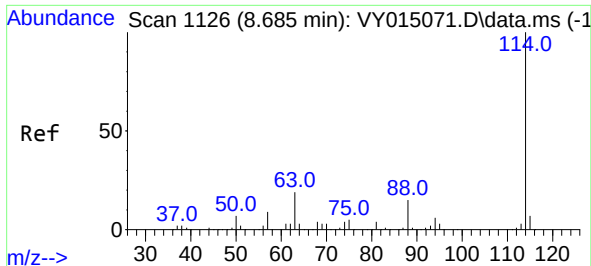
Tgt Ion:168 Resp: 179014
Ion Ratio Lower Upper
168 100
99 54.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 51.707 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015328.D
Acq: 24 Aug 2023 21:35

Tgt Ion: 65 Resp: 111113
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.8

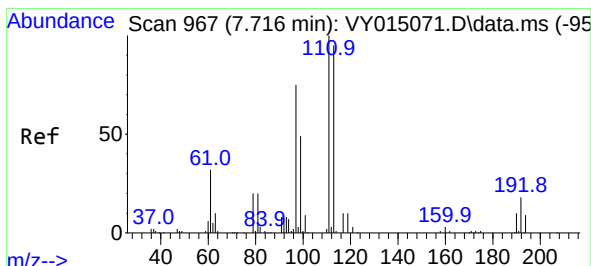
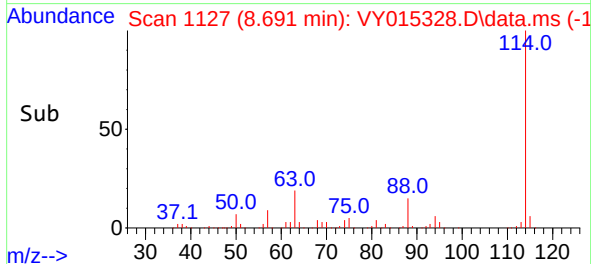
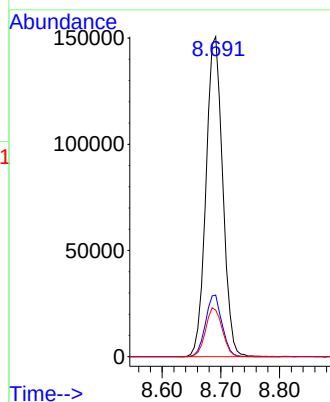
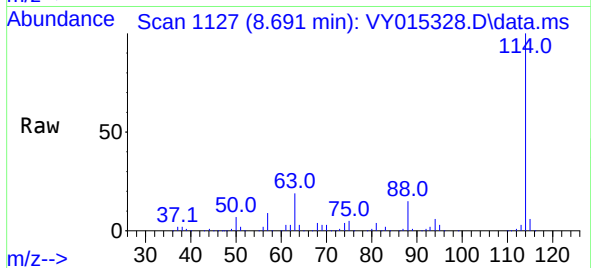




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015328.D
Acq: 24 Aug 2023 21:35

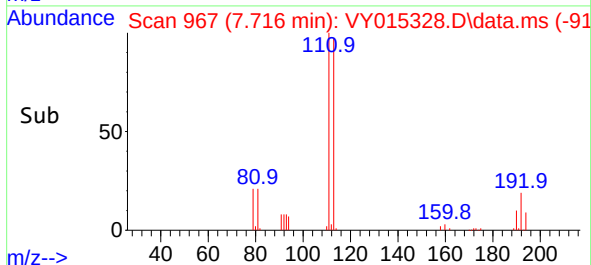
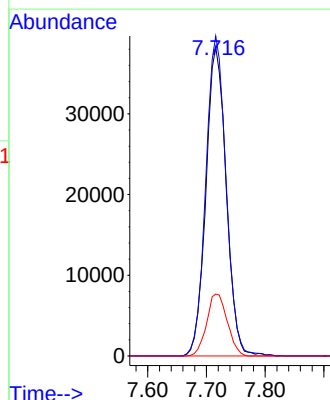
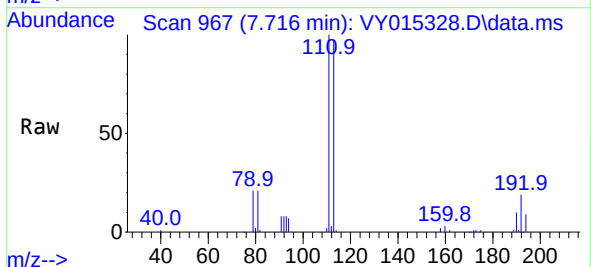
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

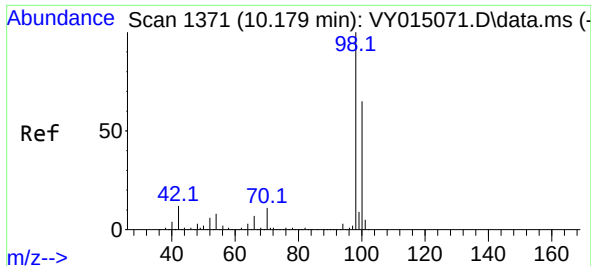
Tgt Ion:114 Resp: 297306
Ion Ratio Lower Upper
114 100
63 19.3 0.0 42.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 47.969 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY015328.D
Acq: 24 Aug 2023 21:35

Tgt Ion:113 Resp: 91749
Ion Ratio Lower Upper
113 100
111 103.6 81.3 121.9
192 20.4 16.9 25.3

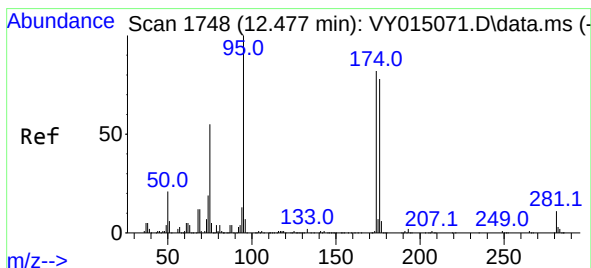
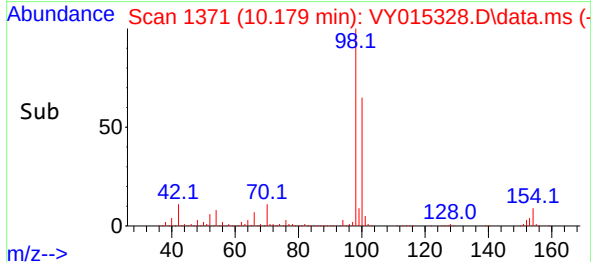
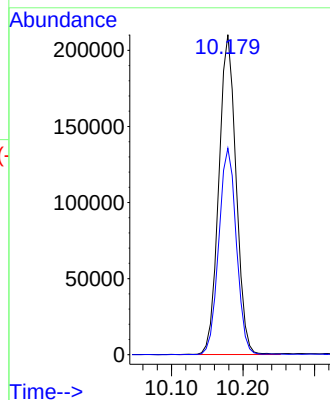
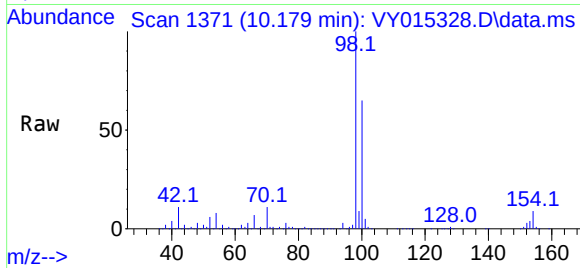




#50
Toluene-d8
Concen: 49.504 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015328.D
Acq: 24 Aug 2023 21:35

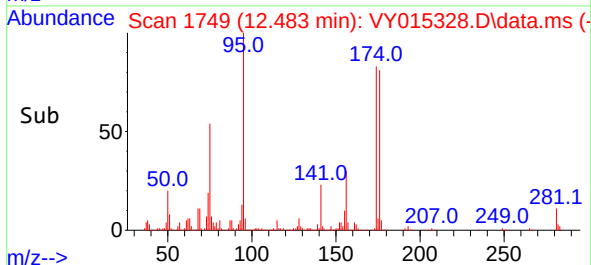
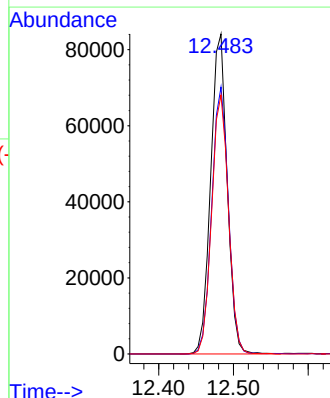
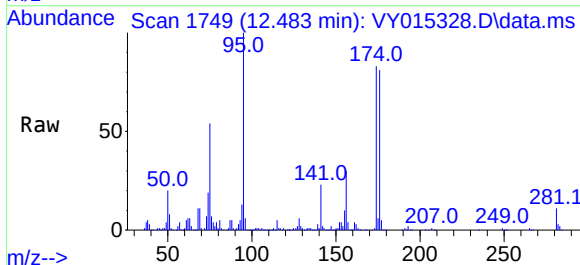
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

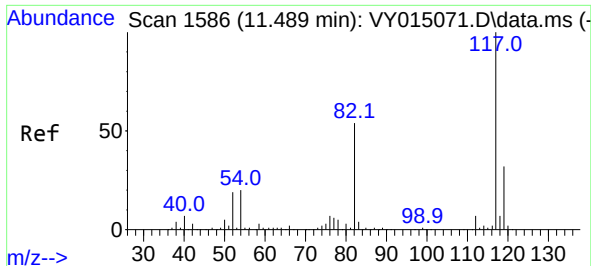
Tgt Ion: 98 Resp: 352475
Ion Ratio Lower Upper
98 100
100 65.8 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.748 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015328.D
Acq: 24 Aug 2023 21:35

Tgt Ion: 95 Resp: 129375
Ion Ratio Lower Upper
95 100
174 84.1 0.0 178.2
176 82.0 0.0 173.8

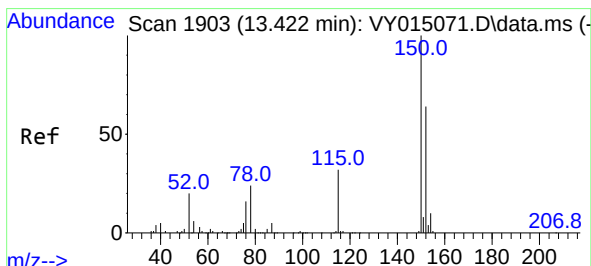
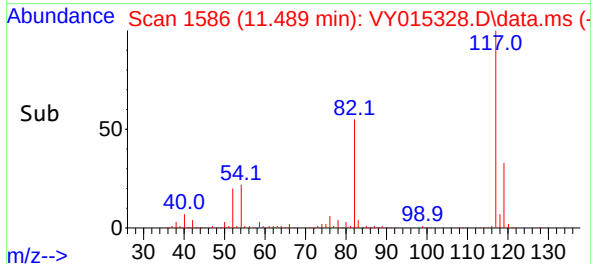
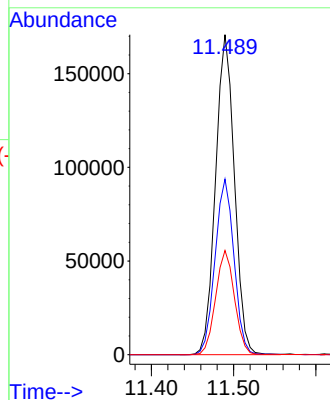
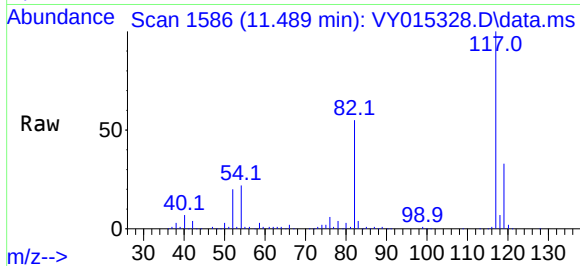




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015328.D
Acq: 24 Aug 2023 21:35

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 272386
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.5 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: VY015328.D
Acq: 24 Aug 2023 21:35

Tgt Ion:152 Resp: 147921
Ion Ratio Lower Upper
152 100
115 55.7 28.8 86.5
150 148.5 0.0 348.8

