

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021424\
 Data File : VY017383.D
 Acq On : 14 Feb 2024 17:46
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 15 03:09:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 02:28:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	99755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	189795	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	167905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	62360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	55081	52.036	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.080%
35) Dibromofluoromethane	7.728	113	48513	40.091	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.180%
50) Toluene-d8	10.191	98	178068	37.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	75.960%
62) 4-Bromofluorobenzene	12.495	95	52692	36.658	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.320%

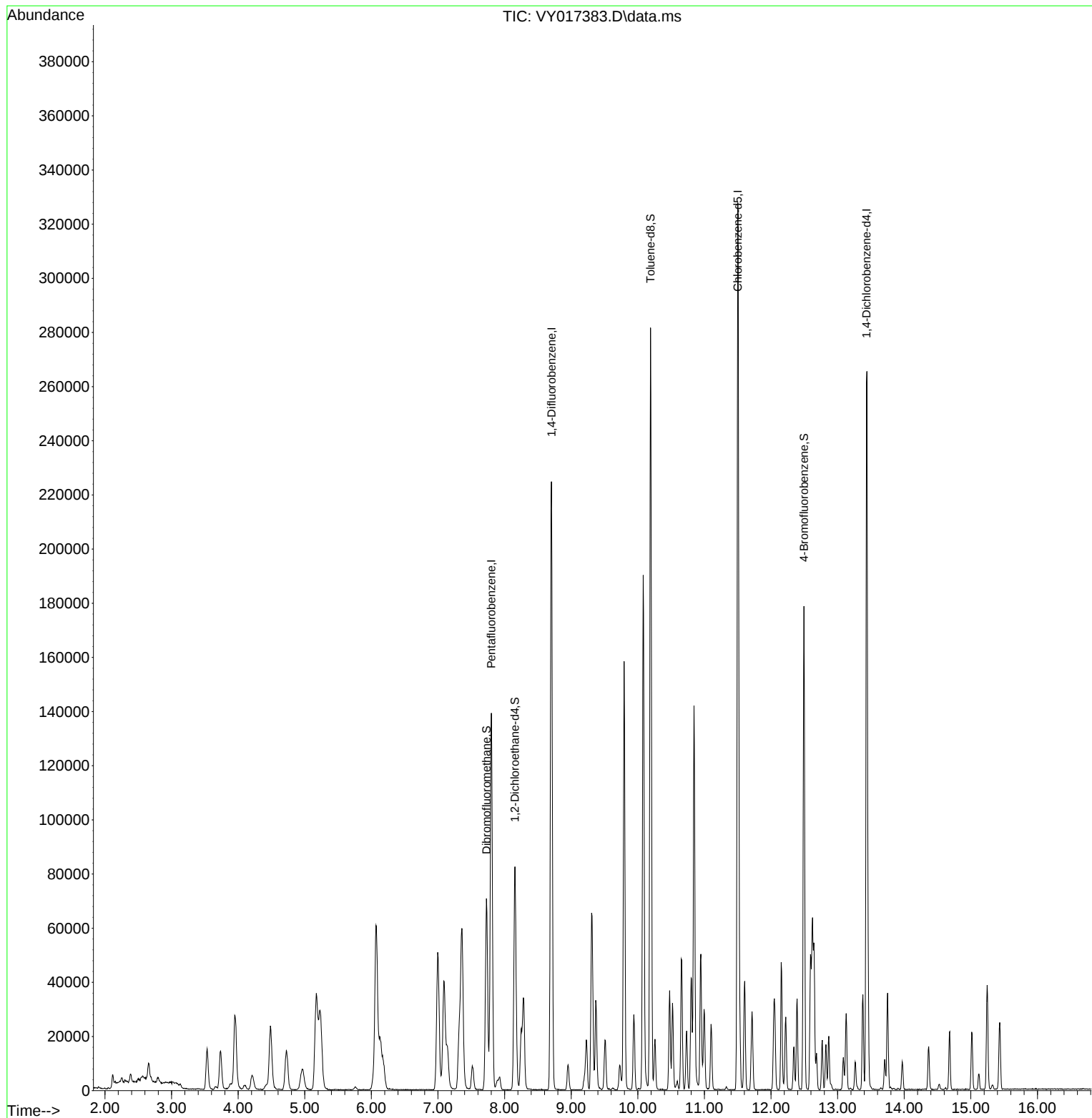
Target Compounds	Qvalue

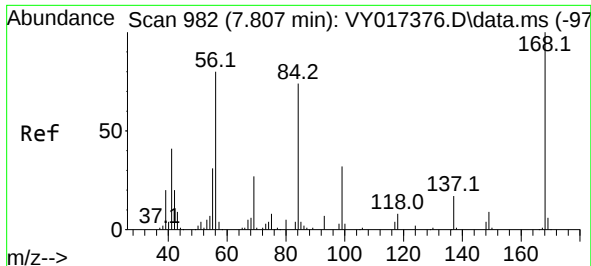
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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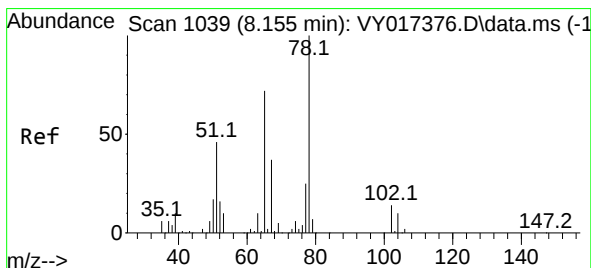
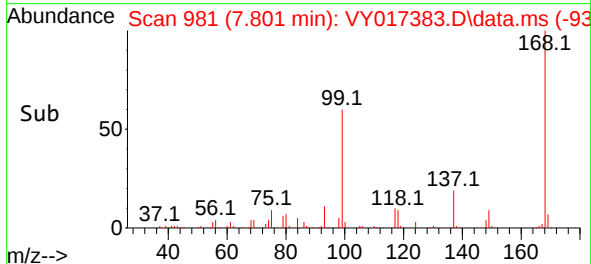
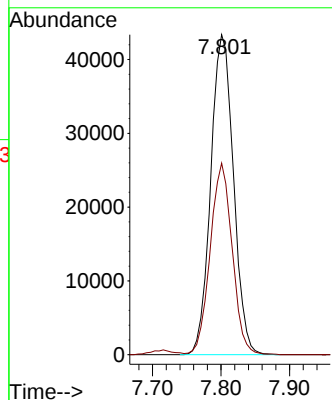
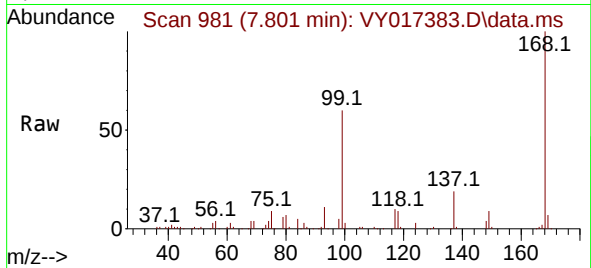




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

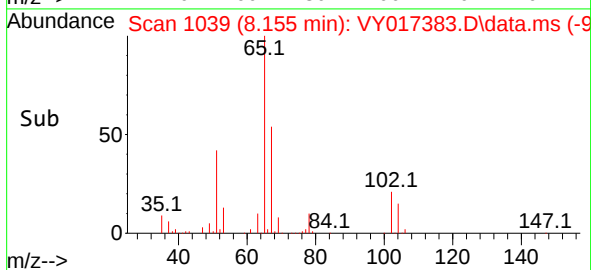
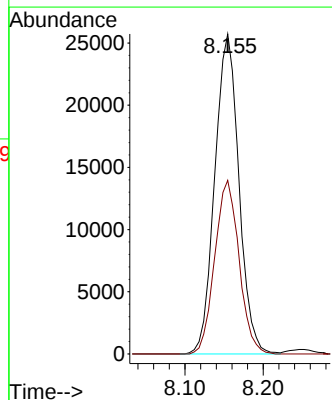
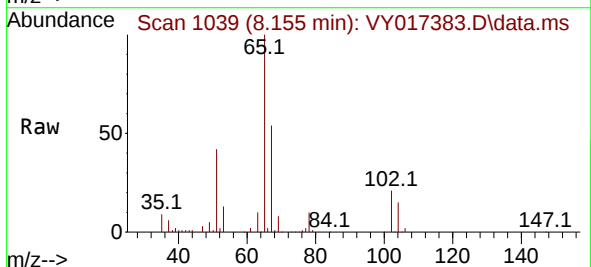
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

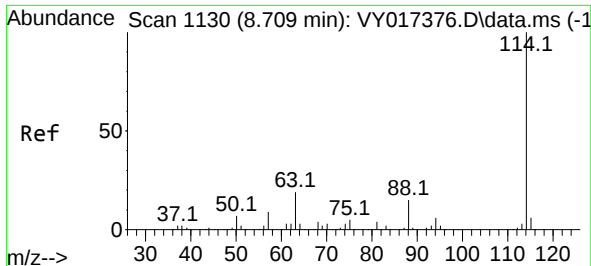
Tgt Ion:168 Resp: 99755
Ion Ratio Lower Upper
168 100
99 59.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.036 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

Tgt Ion: 65 Resp: 55081
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.0

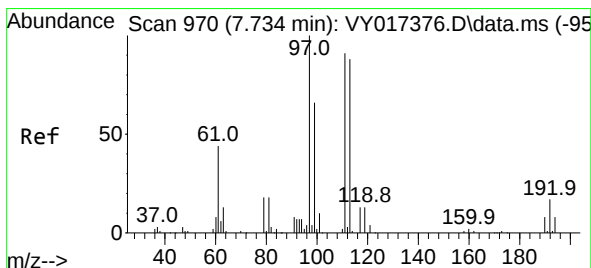
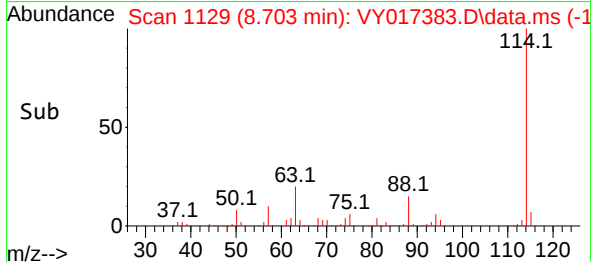
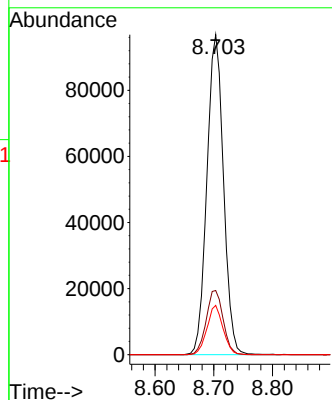
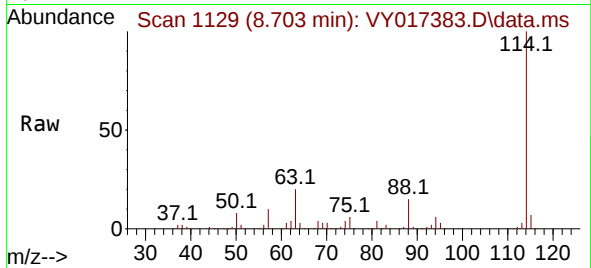




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

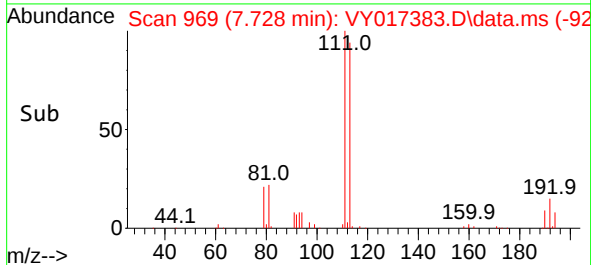
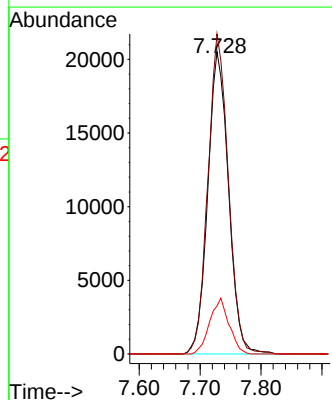
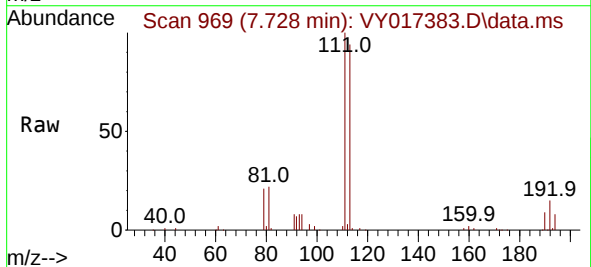
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

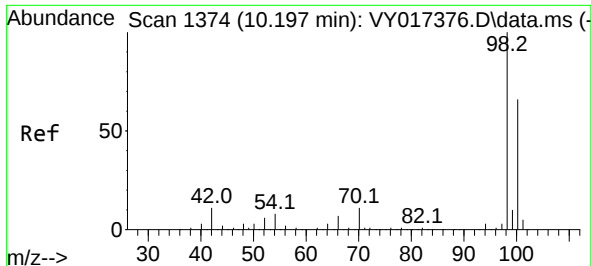
Tgt Ion:114 Resp: 189795
Ion Ratio Lower Upper
114 100
63 20.1 0.0 37.4
88 15.4 0.0 29.0



#35
Dibromofluoromethane
Concen: 40.091 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

Tgt Ion:113 Resp: 48513
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 17.2 14.5 21.7

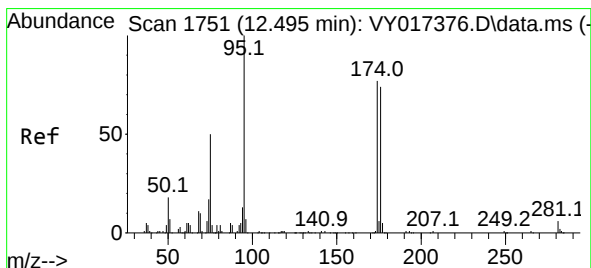
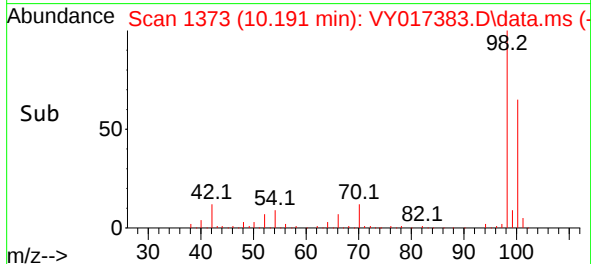
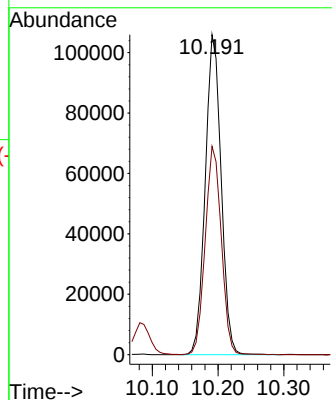
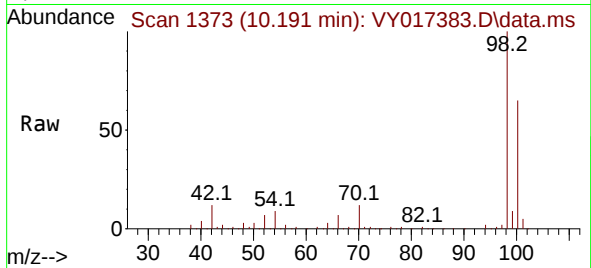




#50
Toluene-d8
Concen: 37.978 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

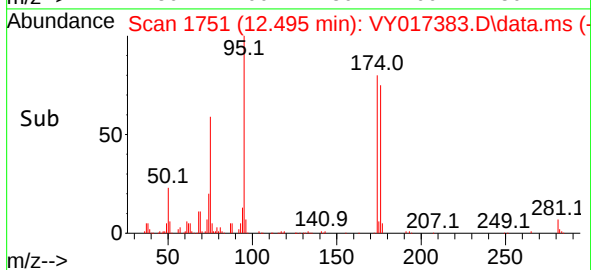
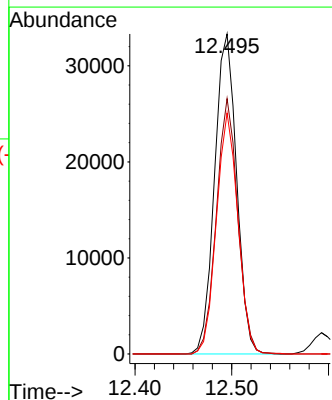
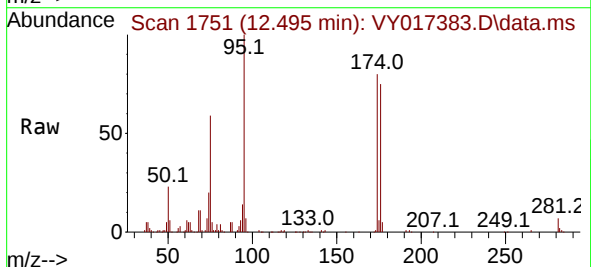
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

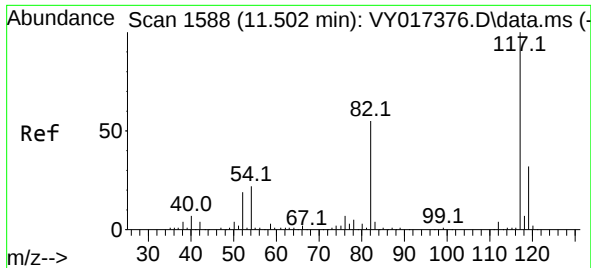
Tgt Ion: 98 Resp: 178068
Ion Ratio Lower Upper
98 100
100 66.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.658 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

Tgt Ion: 95 Resp: 52692
Ion Ratio Lower Upper
95 100
174 77.4 0.0 160.0
176 73.6 0.0 151.8

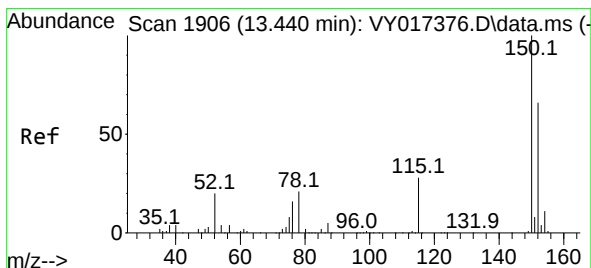
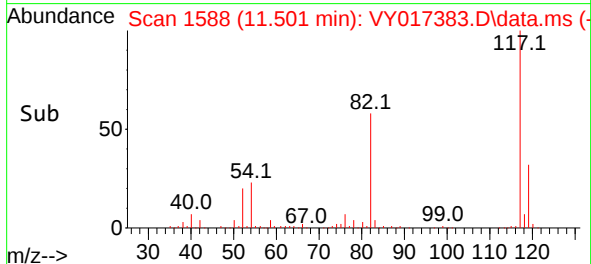
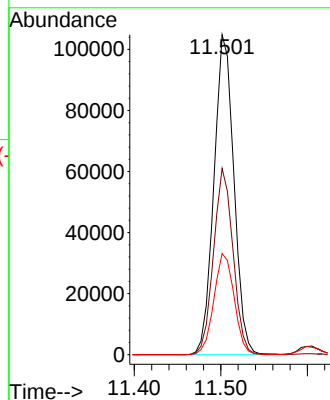
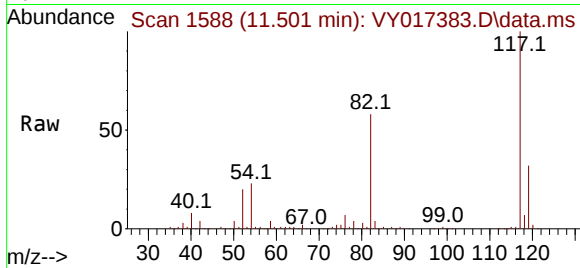




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 167905
Ion Ratio Lower Upper
117 100
82 58.2 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.006 min
Lab File: VY017383.D
Acq: 14 Feb 2024 17:46

Tgt Ion:152 Resp: 62360
Ion Ratio Lower Upper
152 100
115 61.5 30.0 90.0
150 158.8 0.0 344.6

