

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010622\
 Data File : VY007047.D
 Acq On : 06 Jan 2022 21:01
 Operator : SY/MD
 Sample : N1051-06
 Misc : 7.14g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-6-(4.5-5)

Quant Time: Jan 07 11:49:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 06 04:51:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	134823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	252422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	238599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110061	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98299	61.766	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.540%
35) Dibromofluoromethane	7.722	113	86146	51.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.185	98	311117	50.465	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.940%
62) 4-Bromofluorobenzene	12.483	95	119428	51.438	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.880%

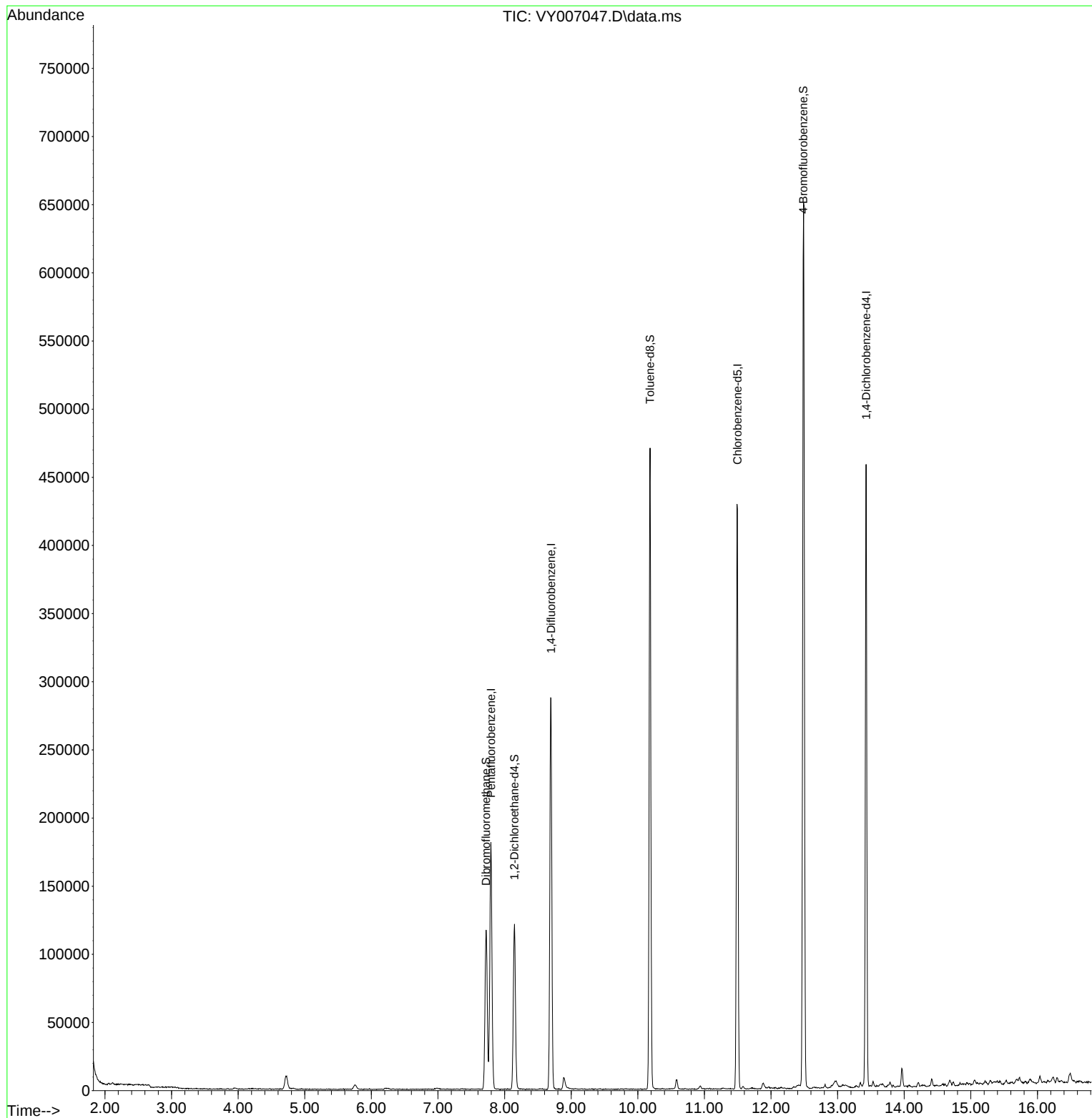
Target Compounds	Qvalue

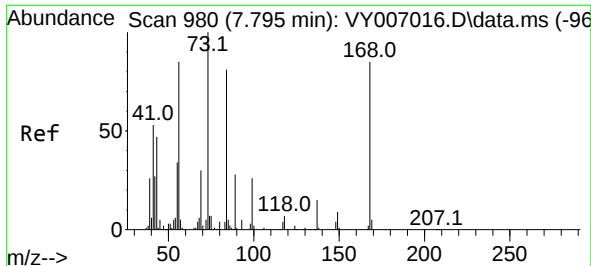
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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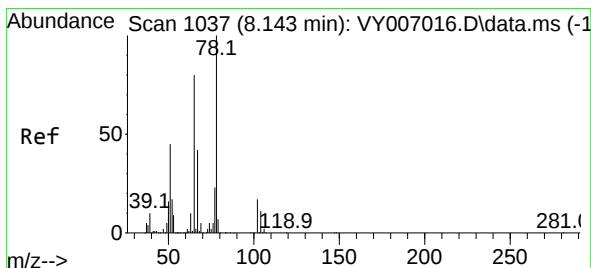
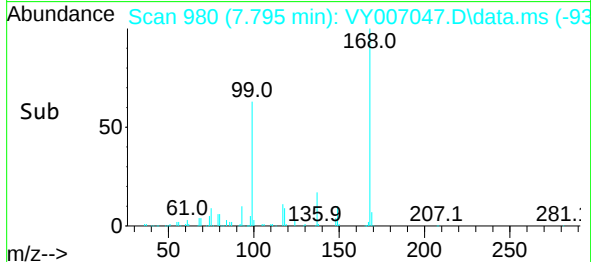
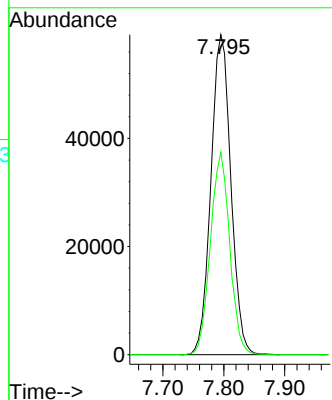
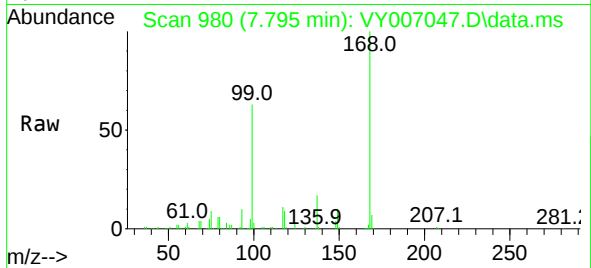




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

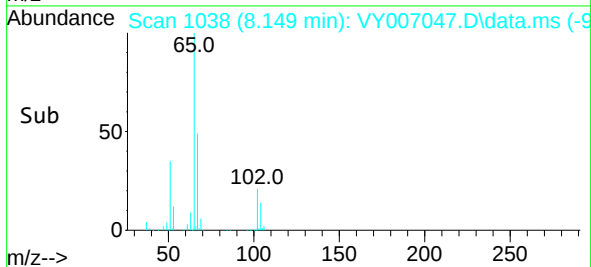
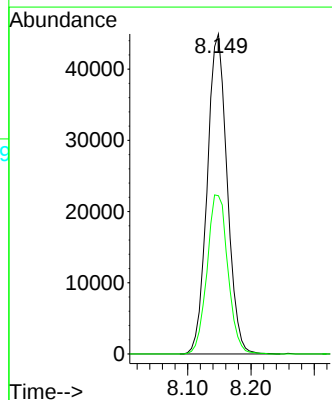
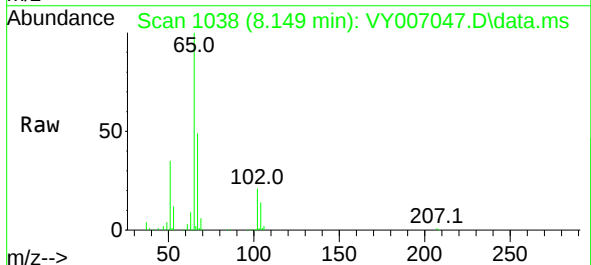
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(4.5-5)

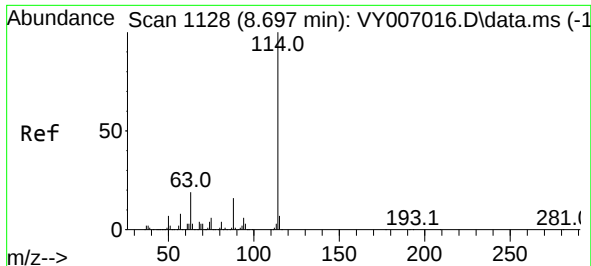
Tgt Ion:168 Resp: 134823
Ion Ratio Lower Upper
168 100
99 63.4 48.9 73.3



#33
1,2-Dichloroethane-d4
Concen: 61.766 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

Tgt Ion: 65 Resp: 98299
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.8

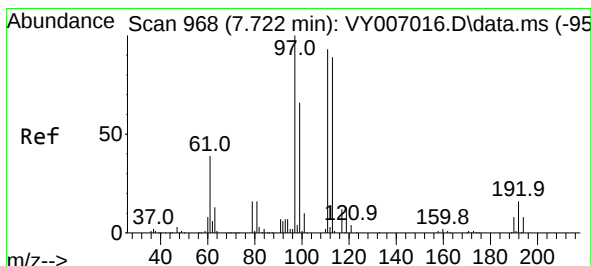
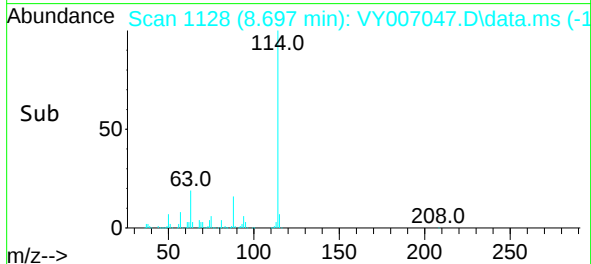
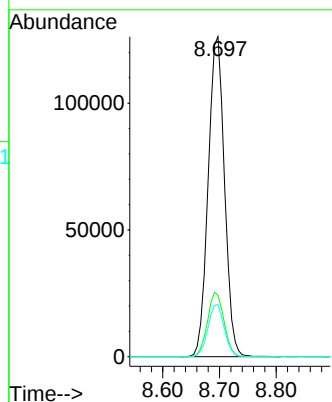
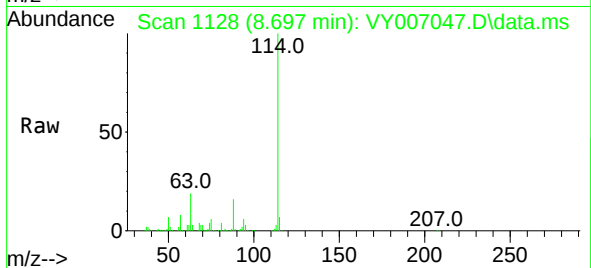




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

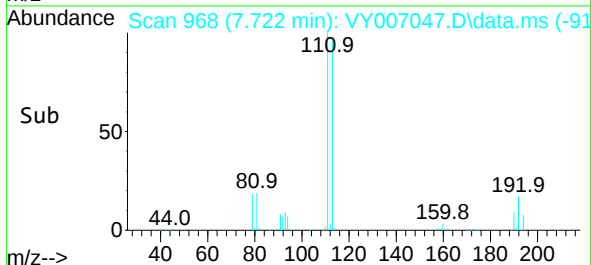
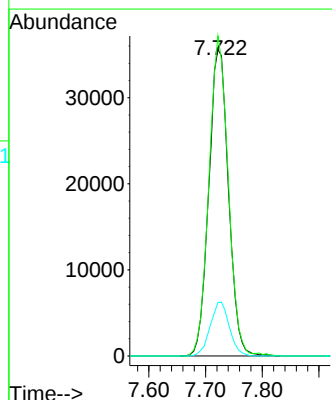
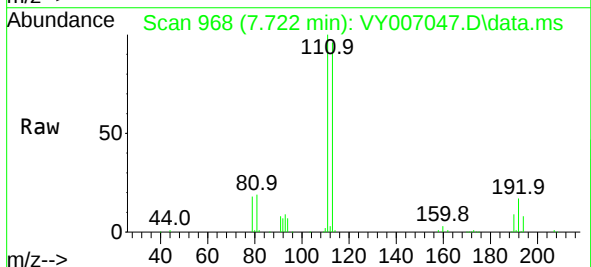
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(4.5-5)

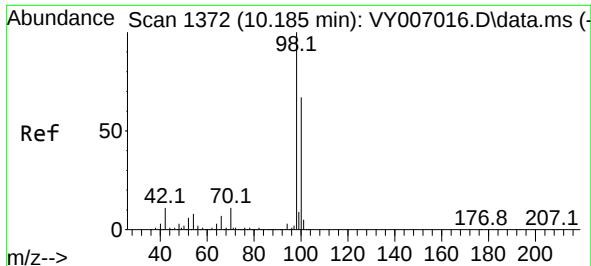
Tgt Ion:114 Resp: 252422
Ion Ratio Lower Upper
114 100
63 19.2 0.0 37.6
88 16.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.918 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

Tgt Ion:113 Resp: 86146
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 17.0 14.6 21.8

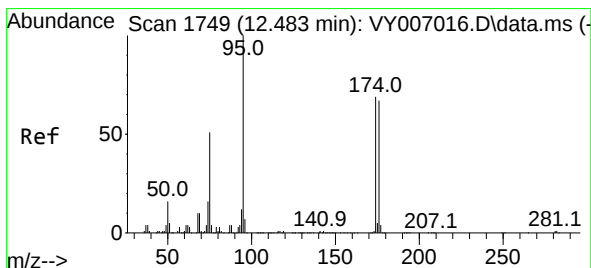
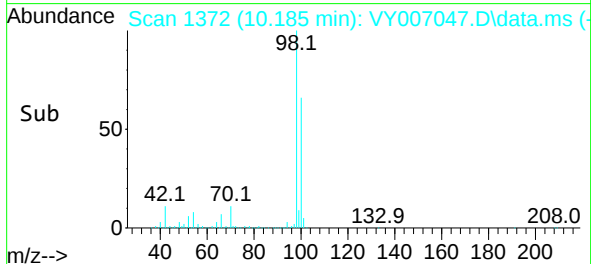
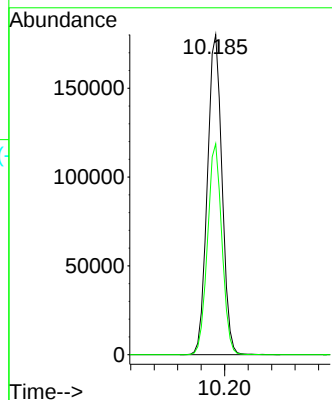
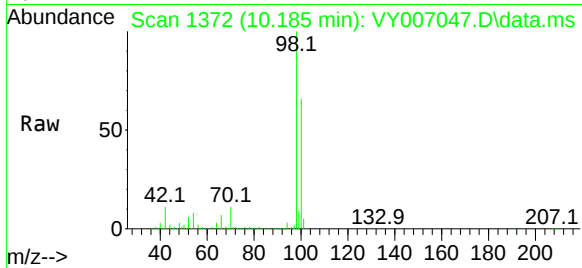




#50
Toluene-d8
Concen: 50.465 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

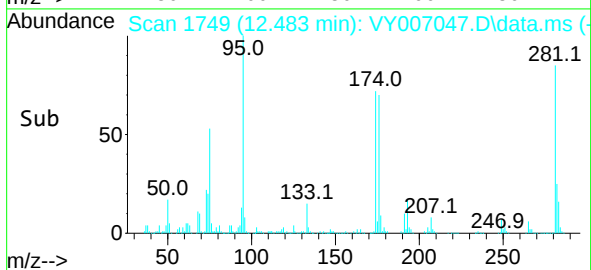
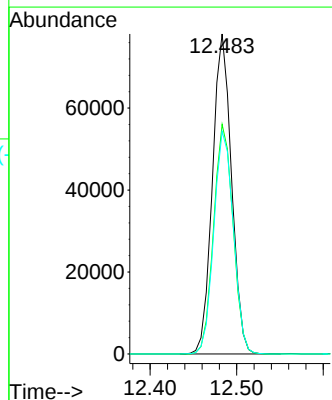
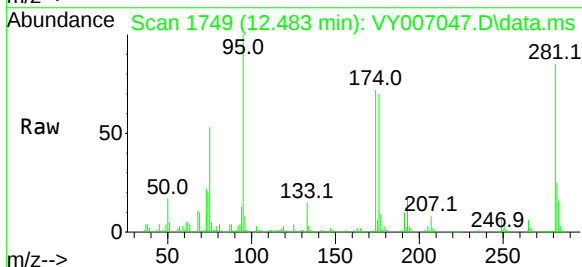
Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(4.5-5)

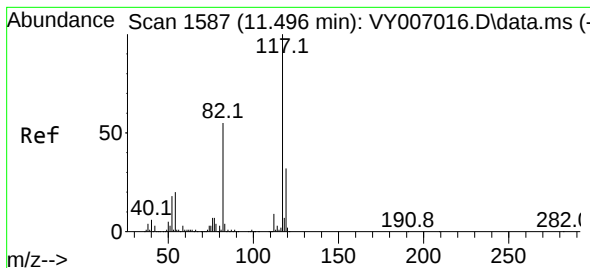
Tgt Ion: 98 Resp: 311117
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 51.438 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

Tgt Ion: 95 Resp: 119428
Ion Ratio Lower Upper
95 100
174 72.9 0.0 144.6
176 71.3 0.0 141.0

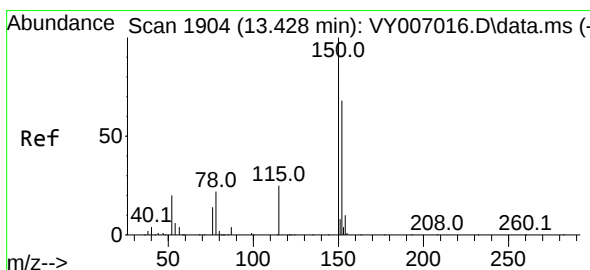
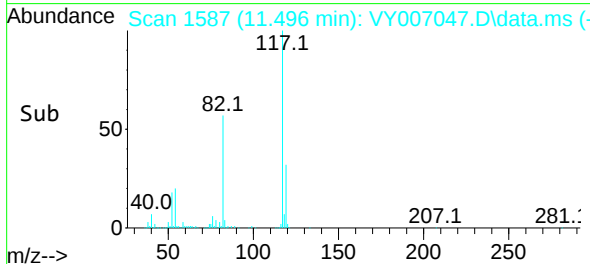
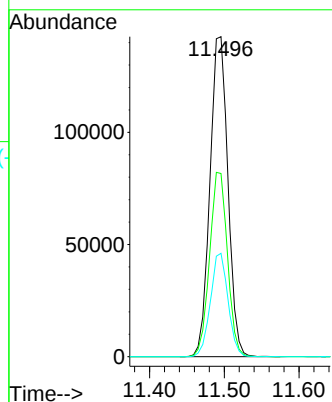
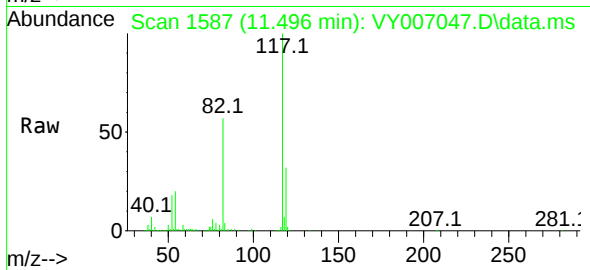




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

Instrument :
MSVOA_Y
ClientSampleId :
SB-6-(4.5-5)

Tgt Ion:117 Resp: 238599
Ion Ratio Lower Upper
117 100
82 57.3 44.1 66.1
119 32.3 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007047.D
Acq: 06 Jan 2022 21:01

Tgt Ion:152 Resp: 110061
Ion Ratio Lower Upper
152 100
115 62.5 31.9 95.5
150 156.3 0.0 358.0

