

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113022\
 Data File : VY011640.D
 Acq On : 30 Nov 2022 14:52
 Operator : KP/MD
 Sample : N5799-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 220-1-STONES

Quant Time: Dec 01 05:23:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	184655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	347503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	129930	69.297	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	138.600%
35) Dibromofluoromethane	7.716	113	114618	53.580	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.160%
50) Toluene-d8	10.179	98	426749	54.897	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	109.800%
62) 4-Bromofluorobenzene	12.483	95	140747	48.970	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.940%

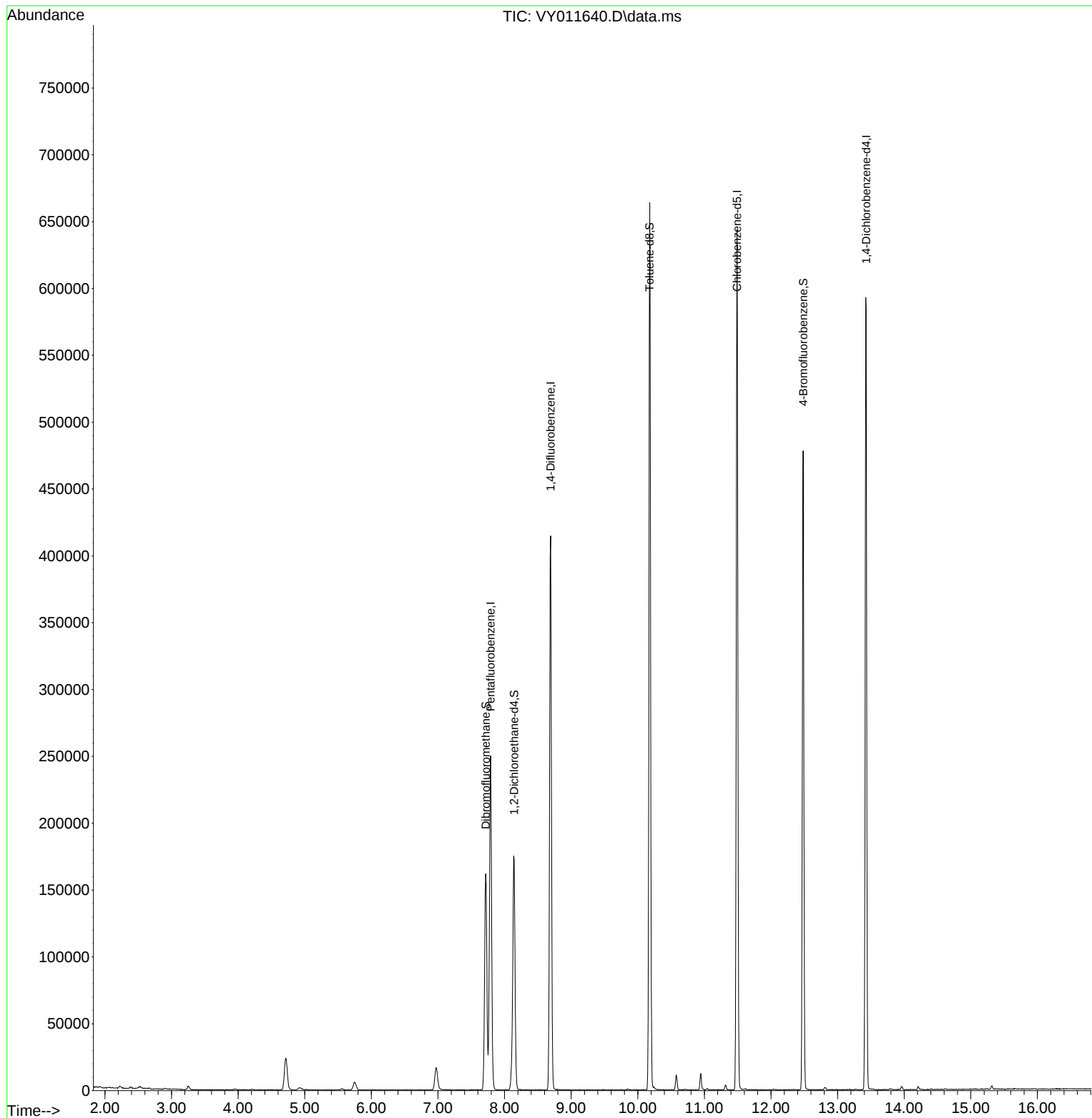
Target Compounds	Qvalue

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

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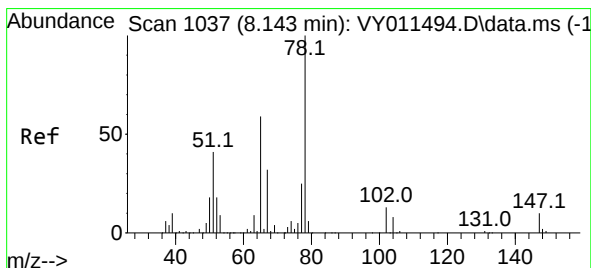
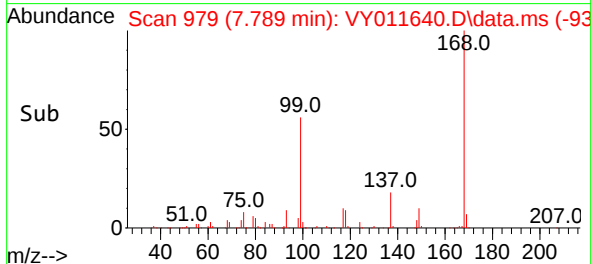
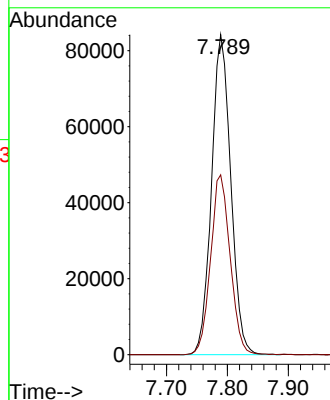
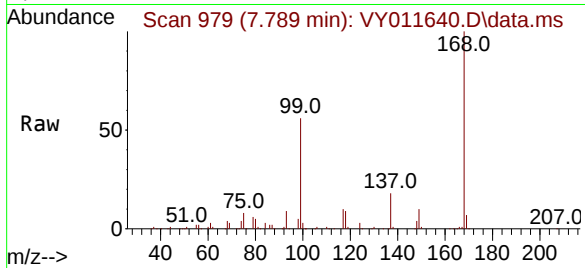




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011640.D
Acq: 30 Nov 2022 14:52

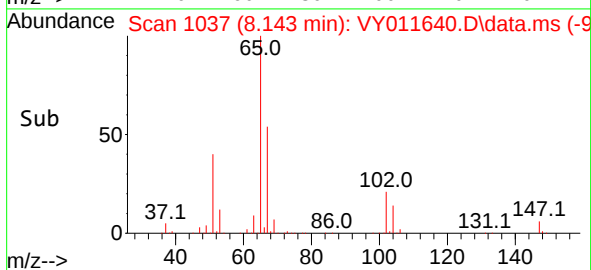
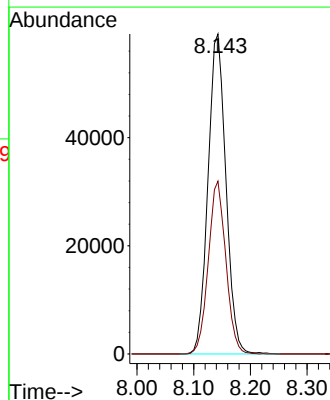
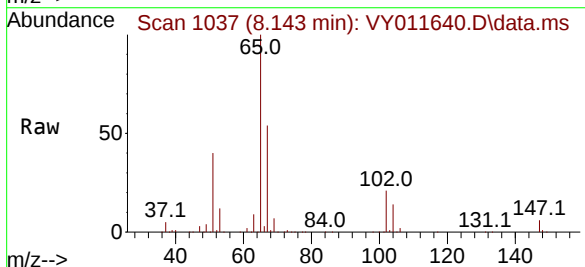
Instrument :
MSVOA_Y
ClientSampleId :
220-1-STONES

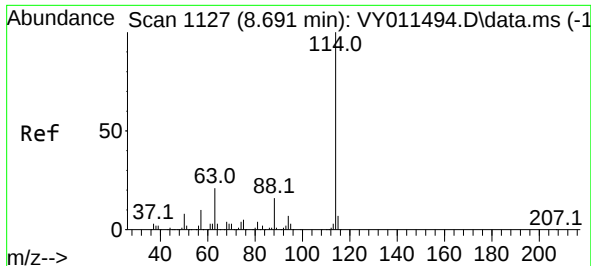
Tgt Ion:168 Resp: 184655
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 69.297 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY011640.D
Acq: 30 Nov 2022 14:52

Tgt Ion: 65 Resp: 129930
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4

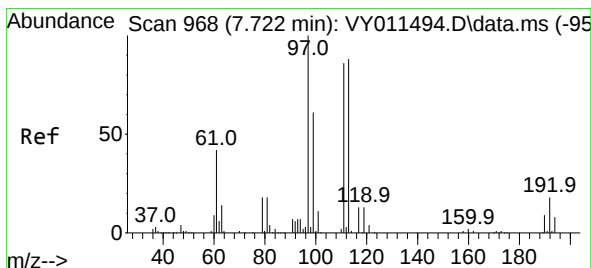
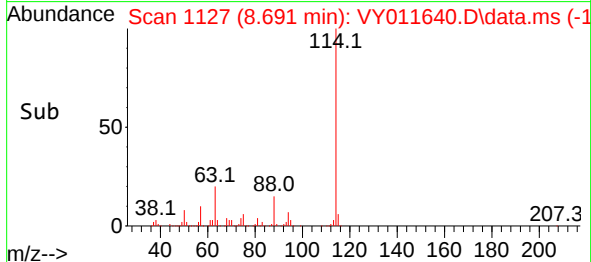
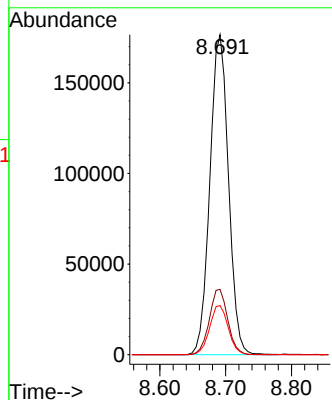
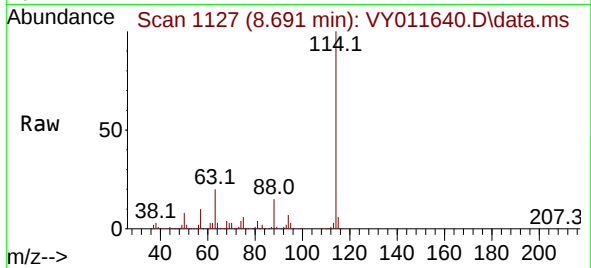




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY011640.D
 Acq: 30 Nov 2022 14:52

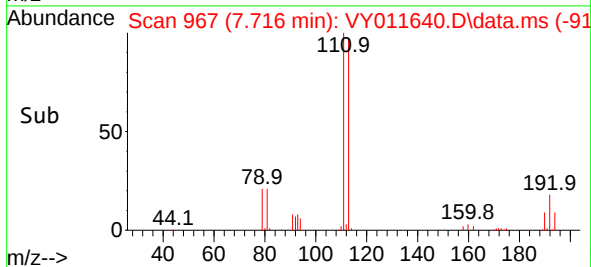
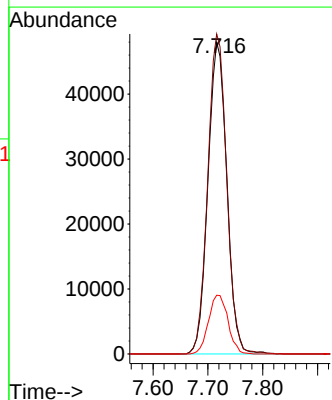
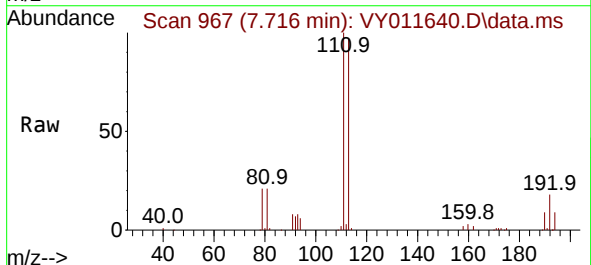
Instrument :
 MSVOA_Y
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 220-1-STONES

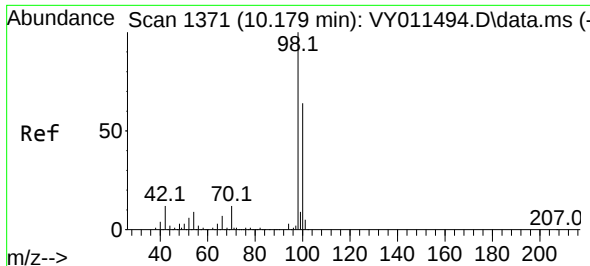
Tgt Ion:	114	Resp:	347503
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	43.2
88	15.3	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 53.580 ug/l
 RT: 7.716 min Scan# 967
 Delta R.T. -0.006 min
 Lab File: VY011640.D
 Acq: 30 Nov 2022 14:52

Tgt Ion:	113	Resp:	114618
Ion Ratio	Lower	Upper	
113	100		
111	102.8	82.6	124.0
192	19.4	17.6	26.4

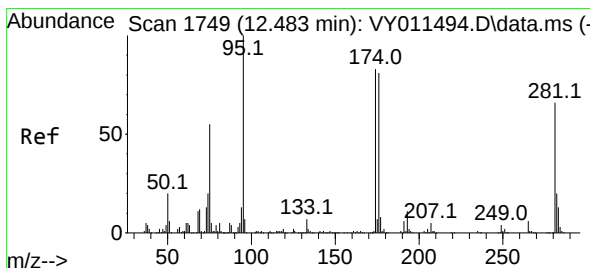
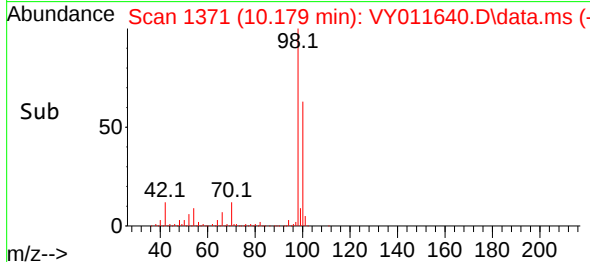
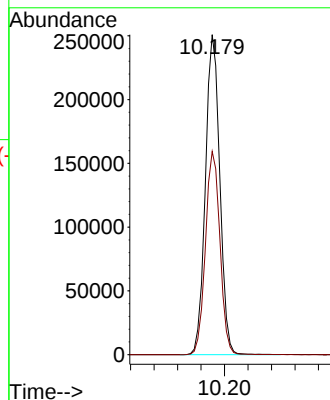
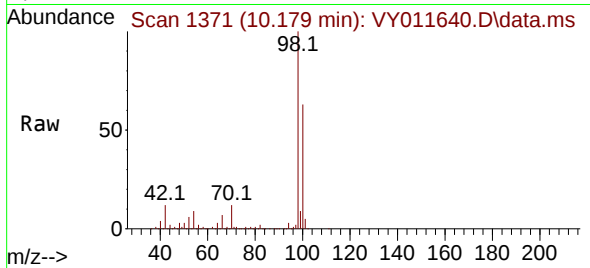




#50
Toluene-d8
Concen: 54.897 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011640.D
Acq: 30 Nov 2022 14:52

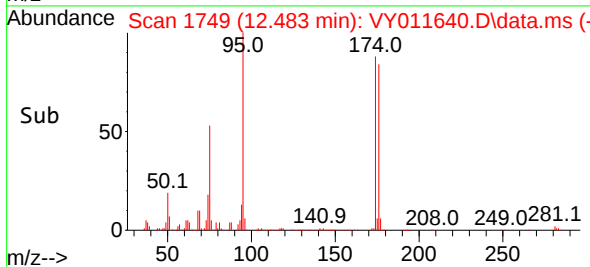
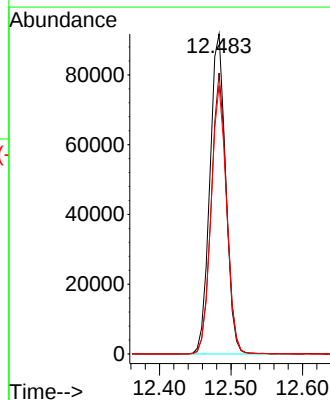
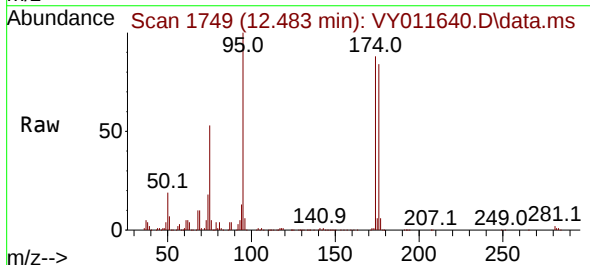
Instrument :
MSVOA_Y
ClientSampleId :
220-1-STONES

Tgt Ion: 98 Resp: 426749
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.970 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011640.D
Acq: 30 Nov 2022 14:52

Tgt Ion: 95 Resp: 140747
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.2 0.0 175.8

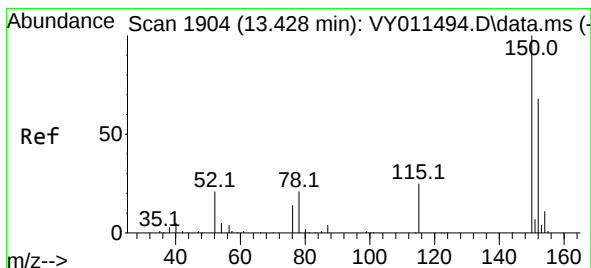
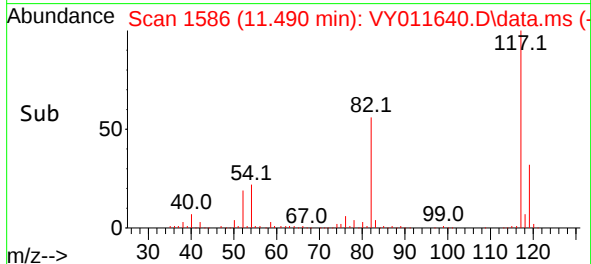
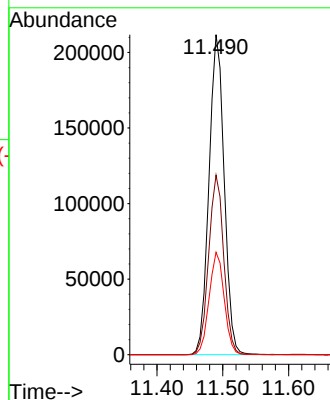
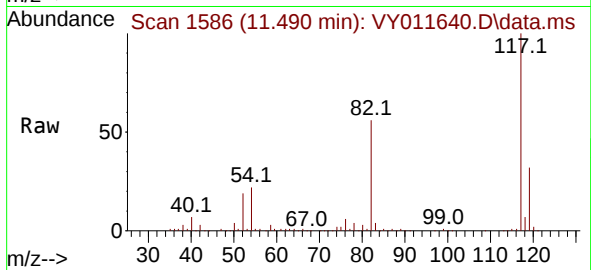




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY011640.D
Acq: 30 Nov 2022 14:52

Instrument :
MSVOA_Y
ClientSampleId :
220-1-STONES

Tgt Ion:117 Resp: 340787
Ion Ratio Lower Upper
117 100
82 56.1 43.0 64.4
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011640.D
Acq: 30 Nov 2022 14:52

Tgt Ion:152 Resp: 152140
Ion Ratio Lower Upper
152 100
115 59.5 28.2 84.7
150 156.9 0.0 347.6

