

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019198.D
 Acq On : 22 Aug 2024 04:33
 Operator : SY/MD
 Sample : P3671-04
 Misc : 4.93g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-911-K1-SO-0.5-1-081924

Quant Time: Aug 22 06:29:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	82692	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.610	114	143091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	117154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	31892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	42857	51.702	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.400%
35) Dibromofluoromethane	7.628	113	47750	51.036	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.080%
50) Toluene-d8	10.109	98	160644	47.712	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.420%
62) 4-Bromofluorobenzene	12.408	95	39364	34.296	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	68.600%

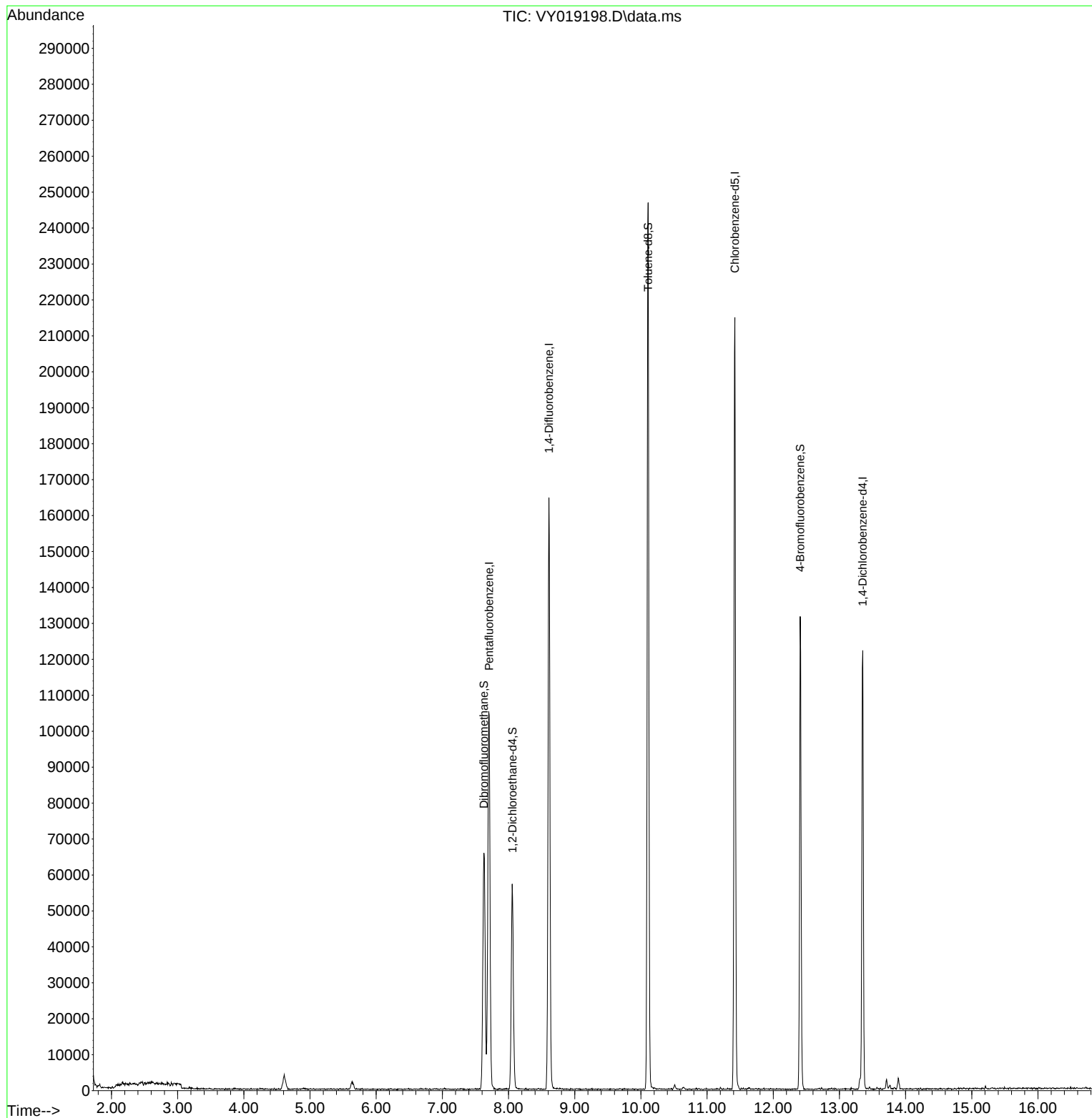
Target Compounds	Qvalue

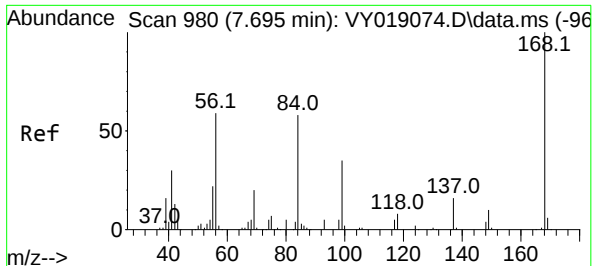
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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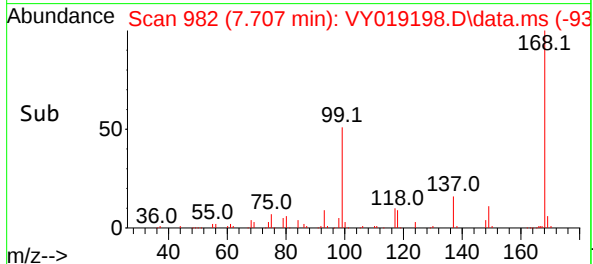
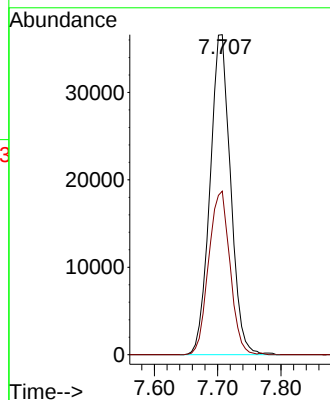
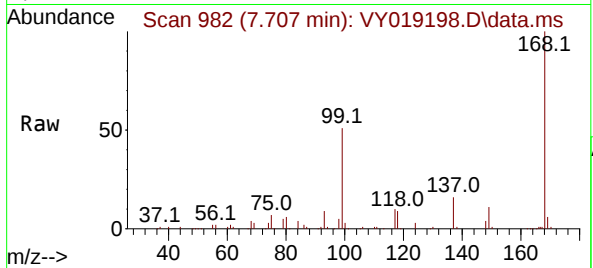




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

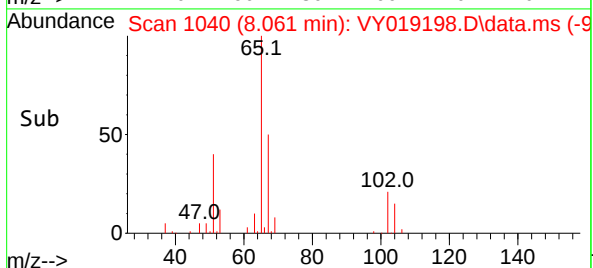
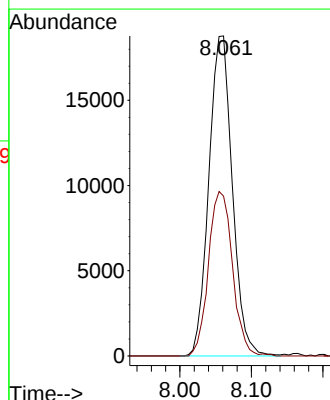
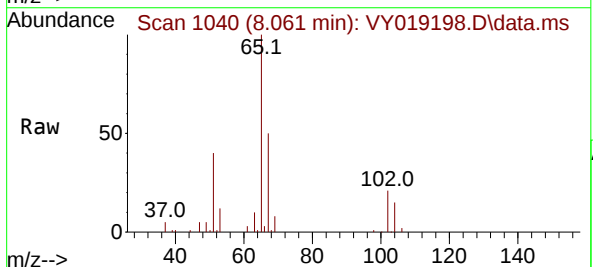
Instrument :
MSVOA_Y
ClientSampleId :
S-911-K1-SO-0.5-1-081924

Tgt Ion:168 Resp: 82692
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 51.702 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.013 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

Tgt Ion: 65 Resp: 42857
Ion Ratio Lower Upper
65 100
67 52.6 0.0 109.6

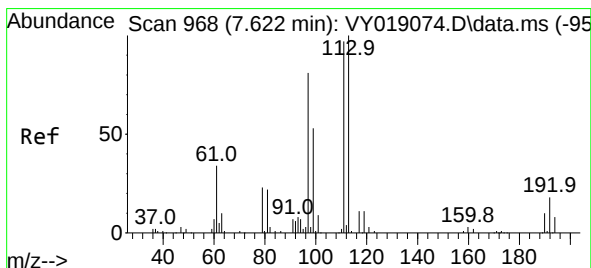
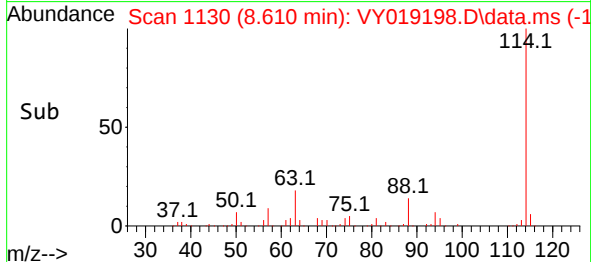
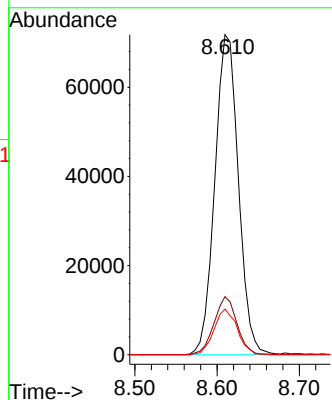
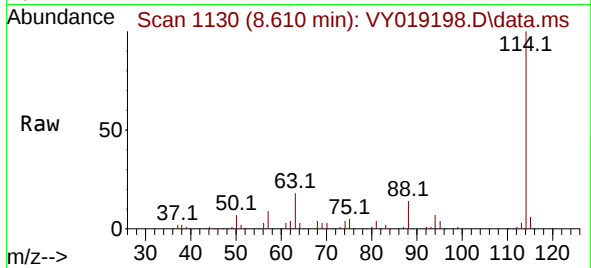




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

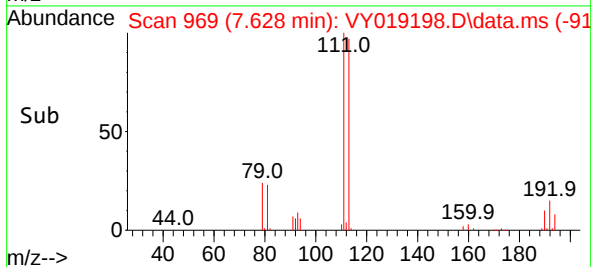
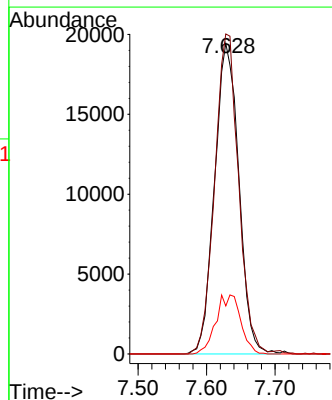
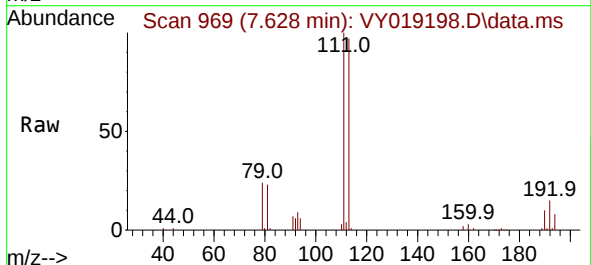
Instrument :
MSVOA_Y
ClientSampleId :
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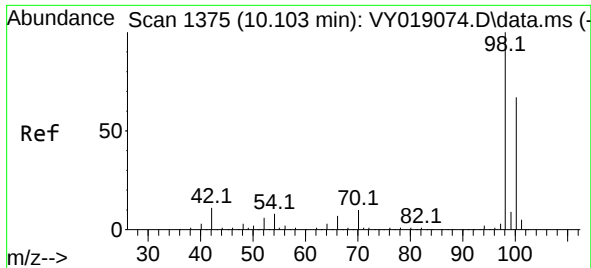
Tgt Ion:114 Resp: 143091
Ion Ratio Lower Upper
114 100
63 18.2 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 51.036 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

Tgt Ion:113 Resp: 47750
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.4
192 19.4 15.9 23.9

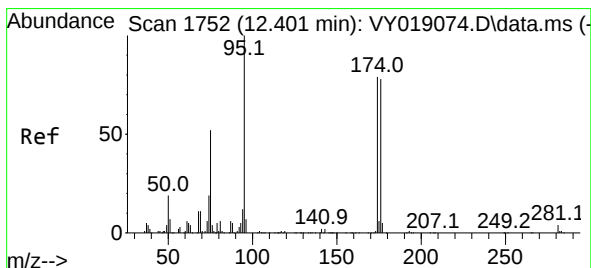
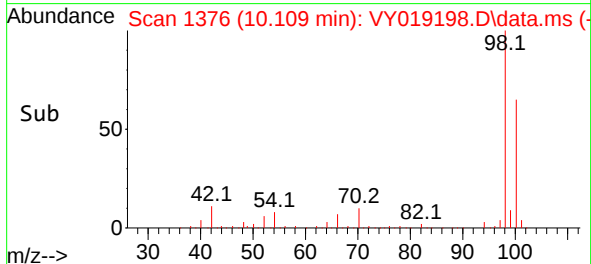
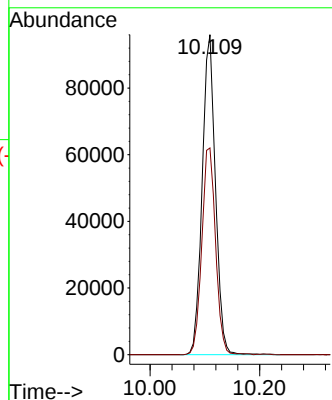
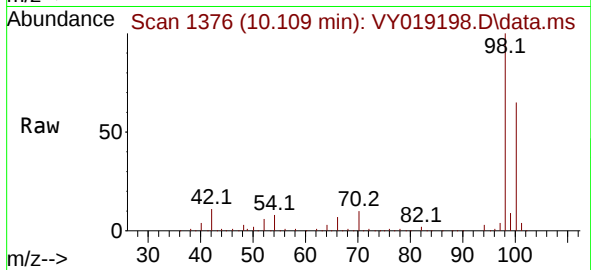




#50
Toluene-d8
Concen: 47.712 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

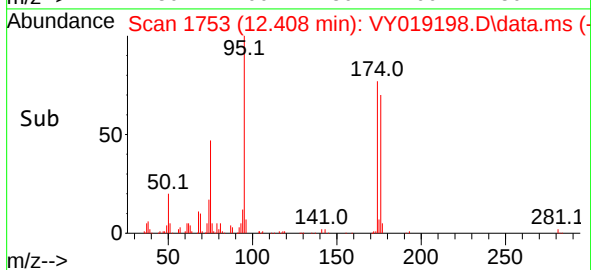
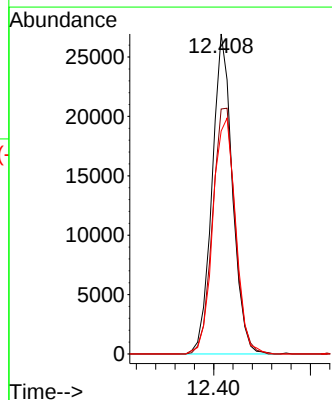
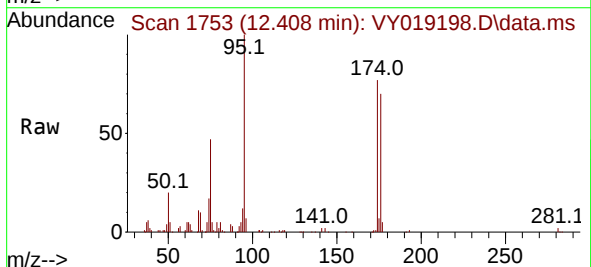
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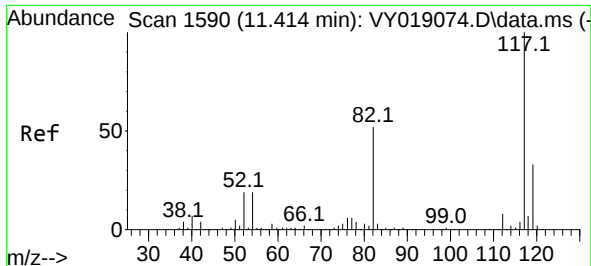
Tgt Ion: 98 Resp: 160644
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 34.296 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

Tgt Ion: 95 Resp: 39364
Ion Ratio Lower Upper
95 100
174 84.9 0.0 175.6
176 82.5 0.0 171.4

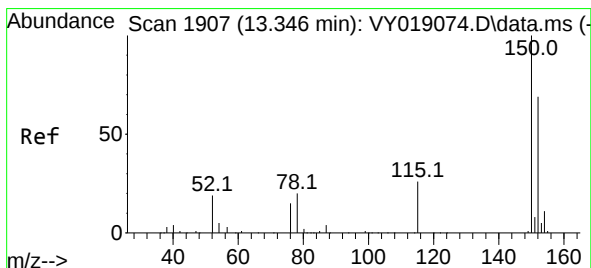
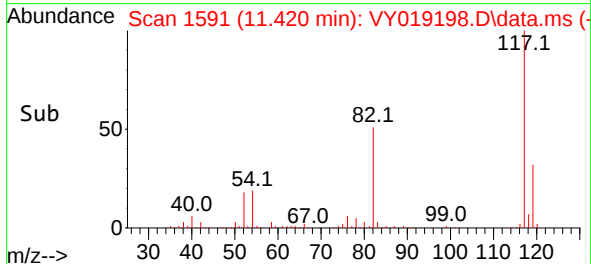
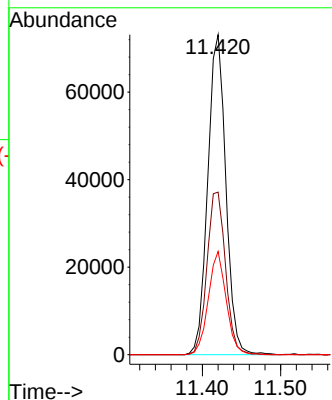
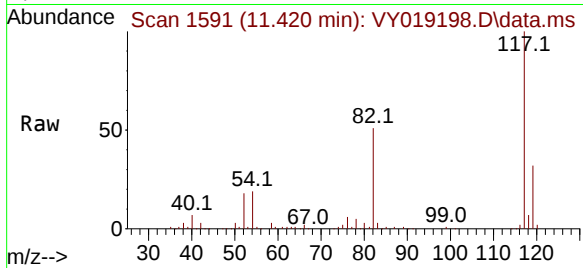




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117154
Delta R.T. 0.006 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

Instrument : MSVOA_Y
ClientSampleId : S-911-K1-SO-0.5-1-081924

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.8	42.4	63.6
119	32.2	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY019198.D
Acq: 22 Aug 2024 04:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	28.2	84.7
150	153.5	0.0	345.6

