

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019129.D
 Acq On : 19 Aug 2024 20:16
 Operator : SY/MD
 Sample : P3641-05
 Misc : 6.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-909-K1-0-0.5-081524

Quant Time: Aug 20 01:50:44 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	7.701	168	106970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.604	114	188341	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	57802	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	54514	50.839	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.680%
35) Dibromofluoromethane	7.622	113	60617	49.223	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.103	98	211209	47.659	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.320%
62) 4-Bromofluorobenzene	12.402	95	64521	42.708	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	85.420%

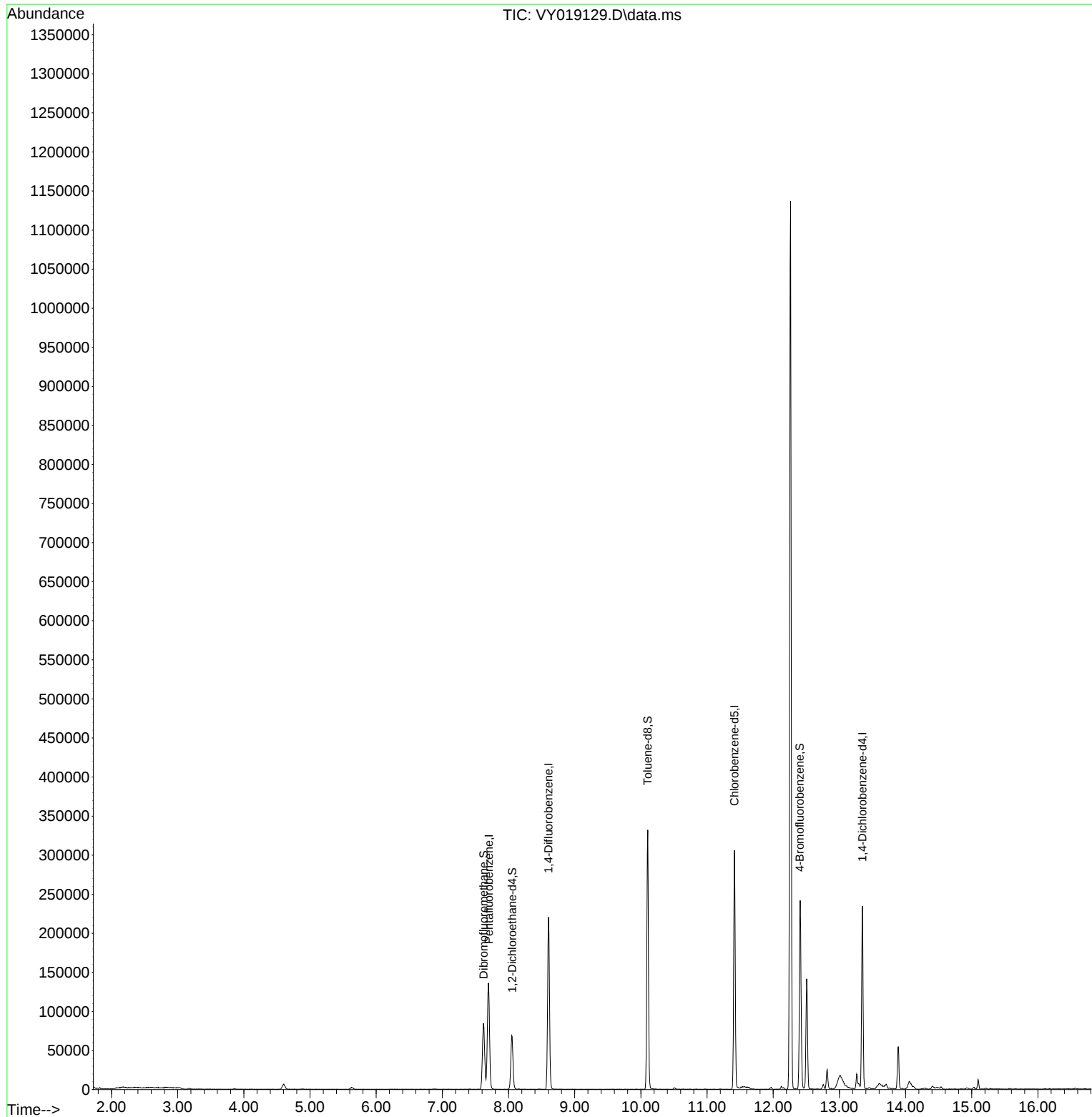
Target Compounds	Qvalue

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

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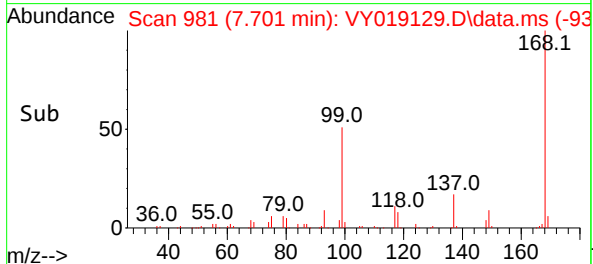
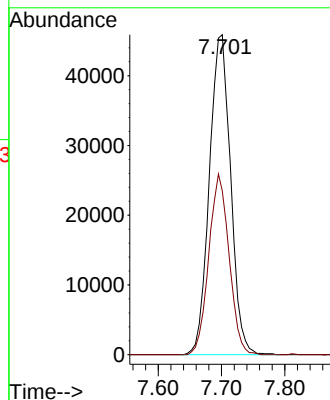
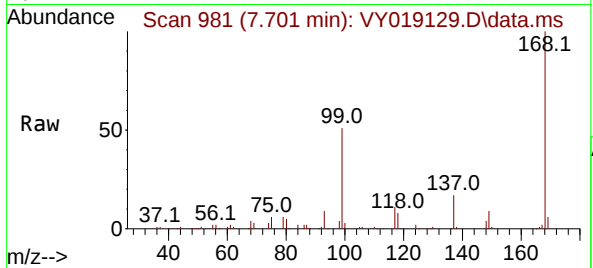




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

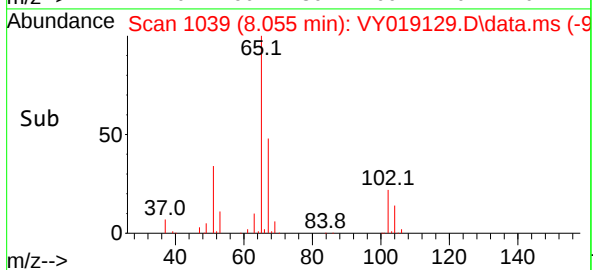
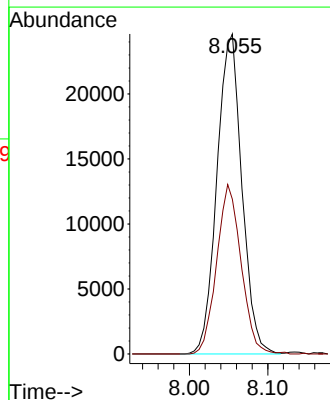
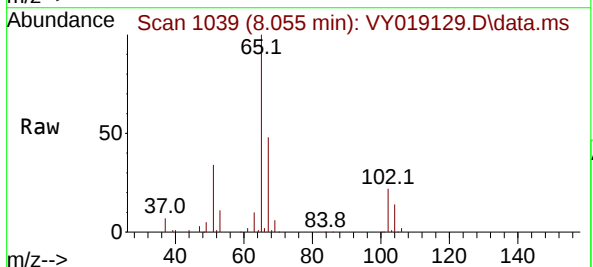
Instrument :
MSVOA_Y
ClientSampleId :
S-909-K1-0-0.5-081524

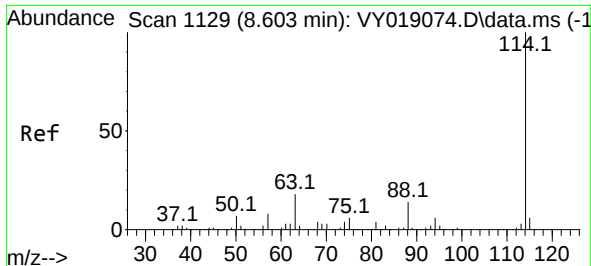
Tgt Ion:168 Resp: 106970
Ion Ratio Lower Upper
168 100
99 51.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 50.839 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

Tgt Ion: 65 Resp: 54514
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6

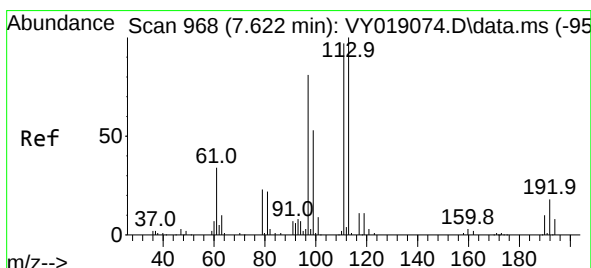
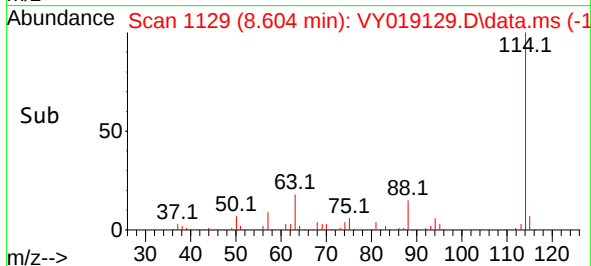
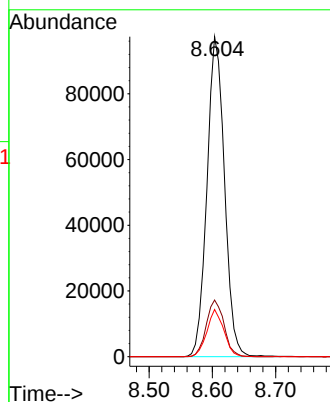
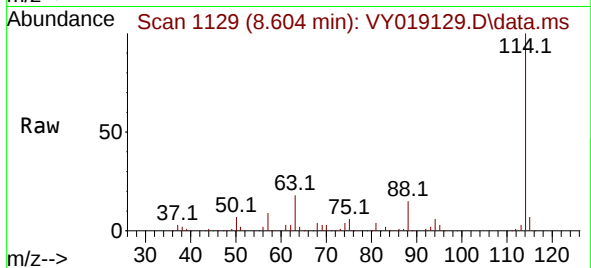




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.604 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

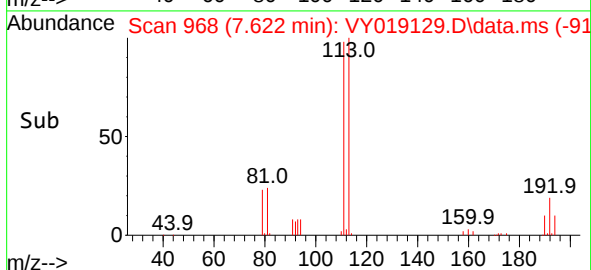
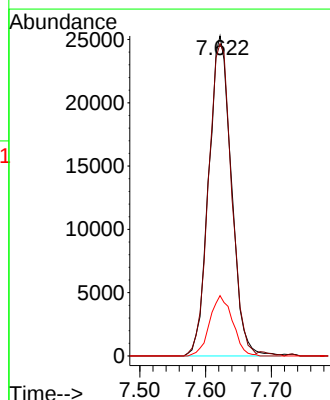
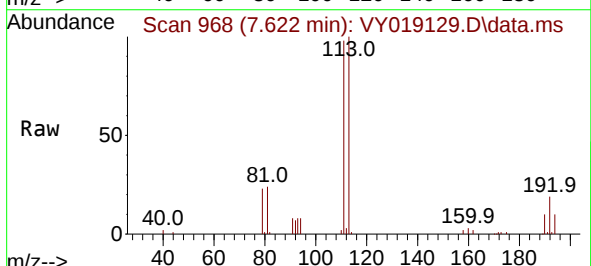
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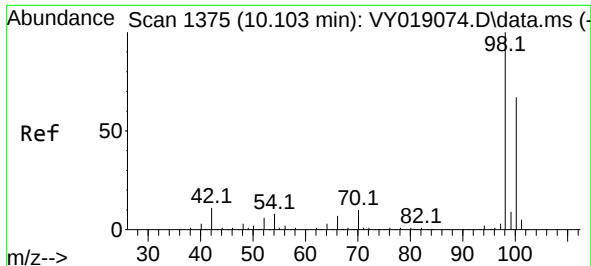
Tgt Ion:114 Resp: 188341
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.0
88 14.7 0.0 27.2



#35
Dibromofluoromethane
Concen: 49.223 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

Tgt Ion:113 Resp: 60617
Ion Ratio Lower Upper
113 100
111 99.7 82.2 123.4
192 19.1 15.9 23.9

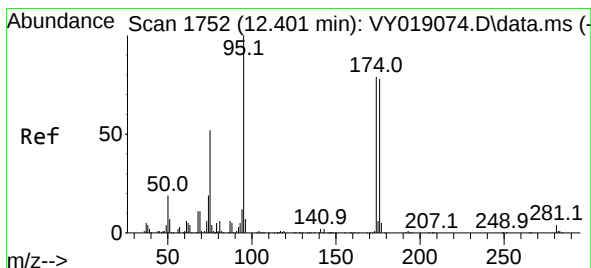
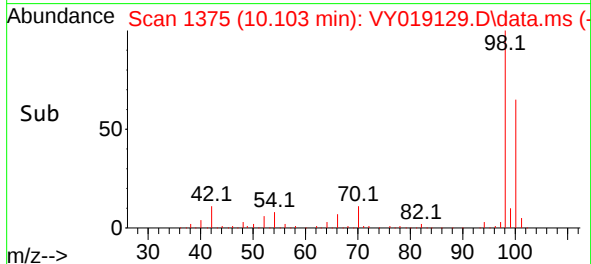
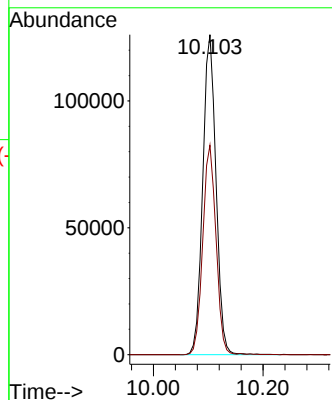
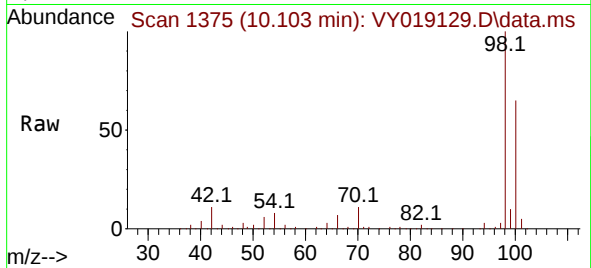




#50
Toluene-d8
Concen: 47.659 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

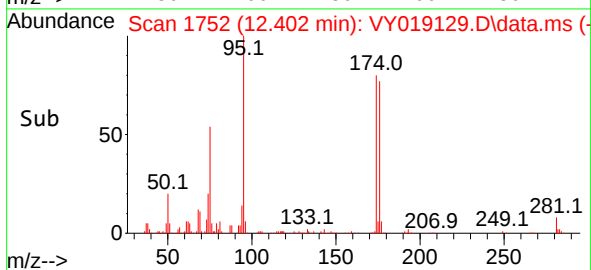
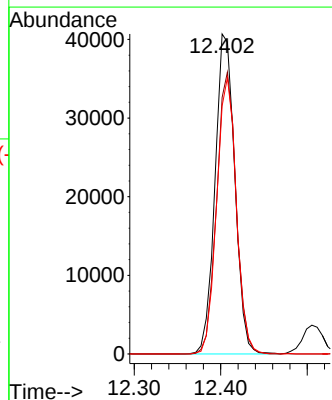
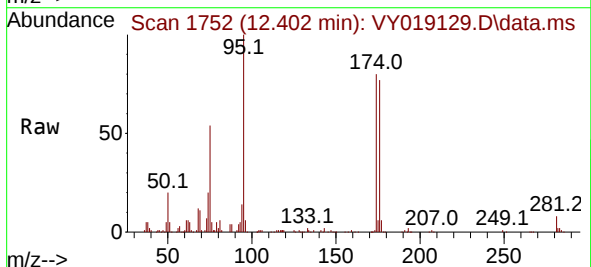
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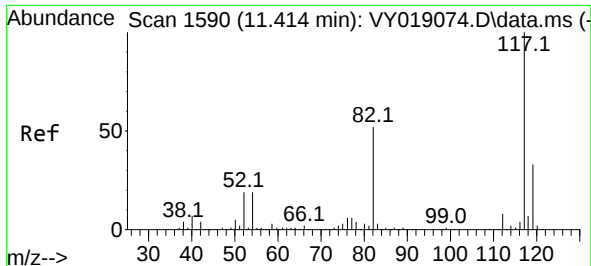
Tgt Ion: 98 Resp: 211209
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.708 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

Tgt Ion: 95 Resp: 64521
Ion Ratio Lower Upper
95 100
174 87.1 0.0 175.6
176 85.3 0.0 171.4

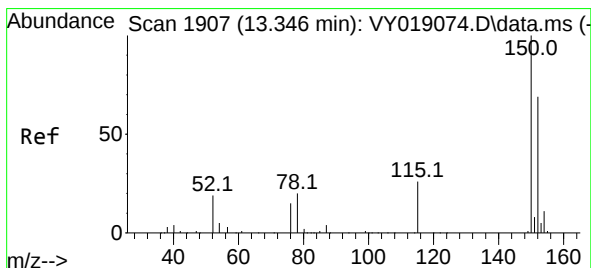
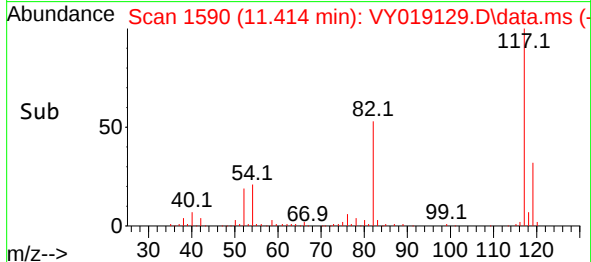
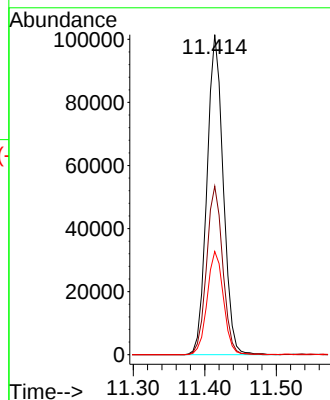
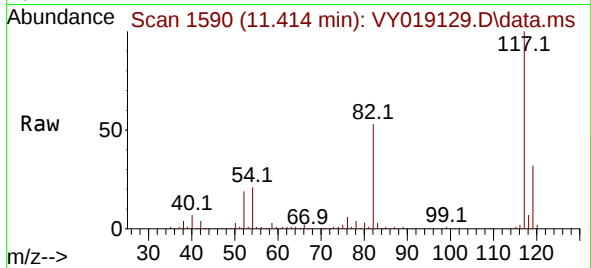




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

Instrument :
MSVOA_Y
ClientSampleId :
S-909-K1-0-0.5-081524

Tgt Ion:117 Resp: 160302
Ion Ratio Lower Upper
117 100
82 52.7 42.4 63.6
119 32.3 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019129.D
Acq: 19 Aug 2024 20:16

Tgt Ion:152 Resp: 57802
Ion Ratio Lower Upper
152 100
115 56.8 28.2 84.7
150 156.3 0.0 345.6

