

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019313.D
 Acq On : 28 Aug 2024 04:36
 Operator : SY/MD
 Sample : P3660-04
 Misc : 7.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-902-J-0.5-1-081624

Quant Time: Aug 28 05:53:06 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	99579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	185213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	164509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	58207	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	53470	53.566	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.140%
35) Dibromofluoromethane	7.628	113	58206	48.063	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.103	98	205682	47.195	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.408	95	60225	40.537	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	81.080%

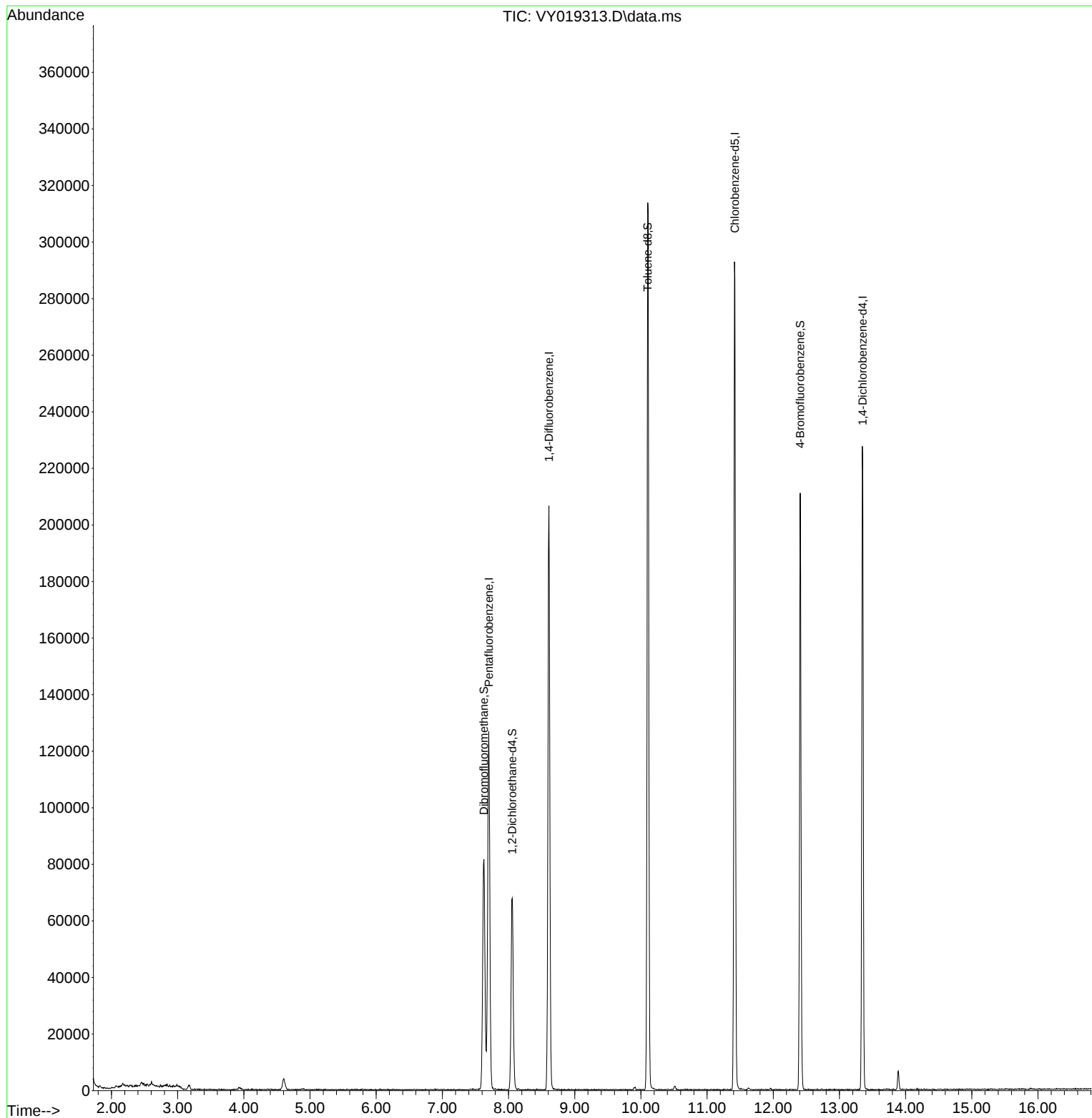
Target Compounds	Qvalue

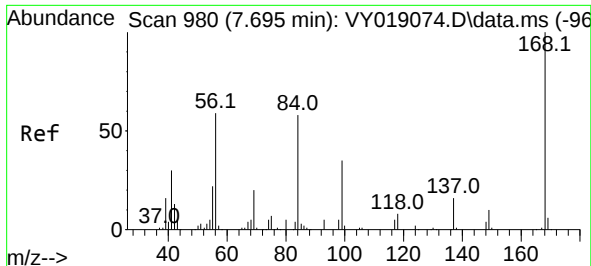
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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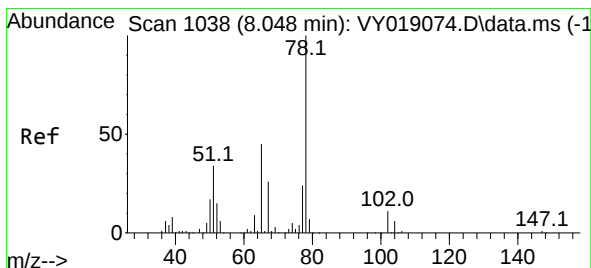
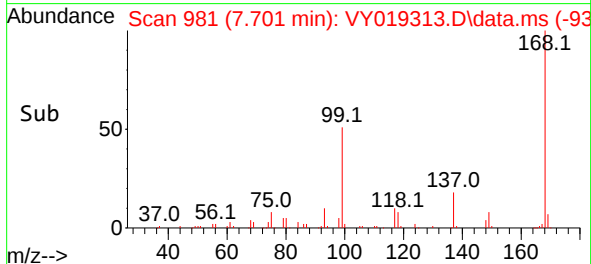
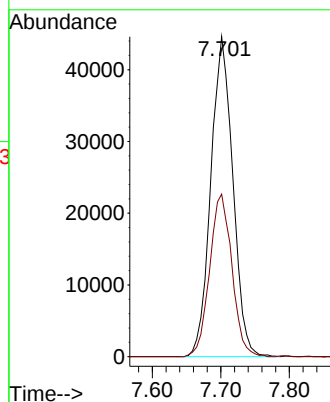
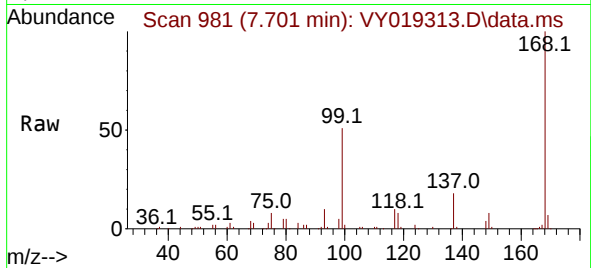




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

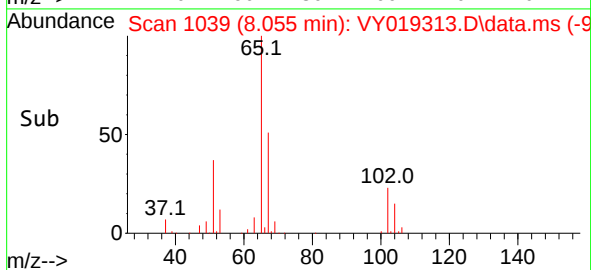
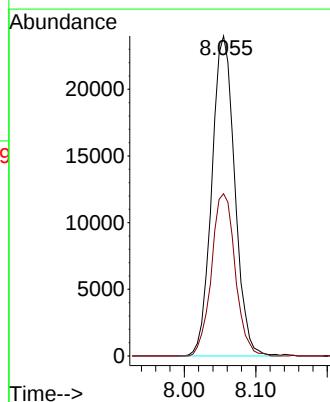
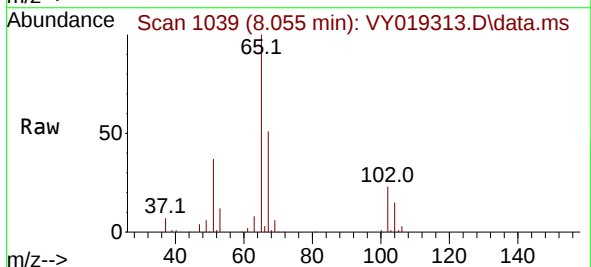
Instrument :
MSVOA_Y
ClientSampleId :
S-902-J-0.5-1-081624

Tgt Ion:168 Resp: 99579
Ion Ratio Lower Upper
168 100
99 50.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 53.566 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

Tgt Ion: 65 Resp: 53470
Ion Ratio Lower Upper
65 100
67 52.5 0.0 109.6

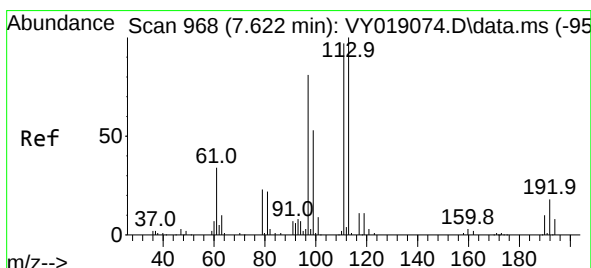
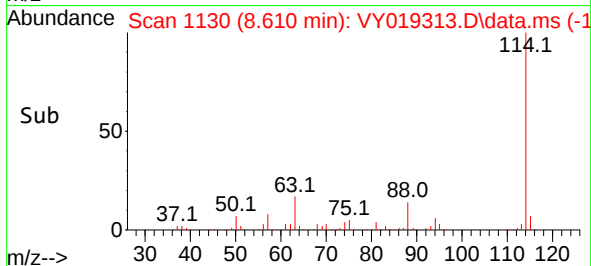
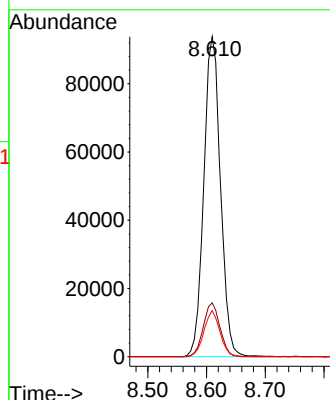
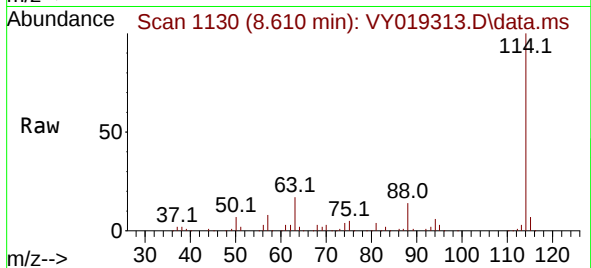




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

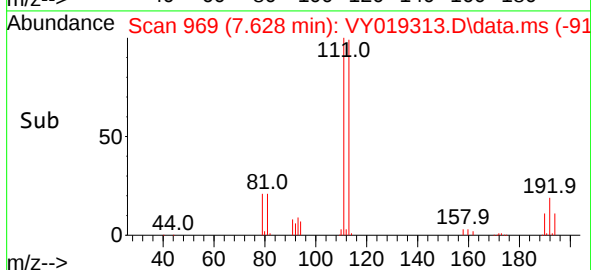
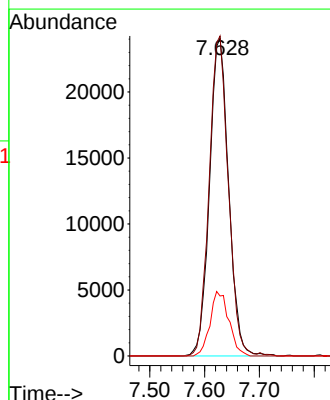
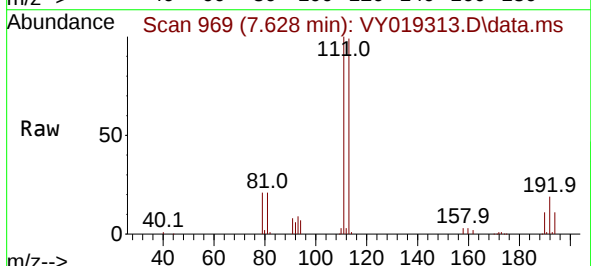
Instrument :
MSVOA_Y
ClientSampleId :
S-902-J-0.5-1-081624

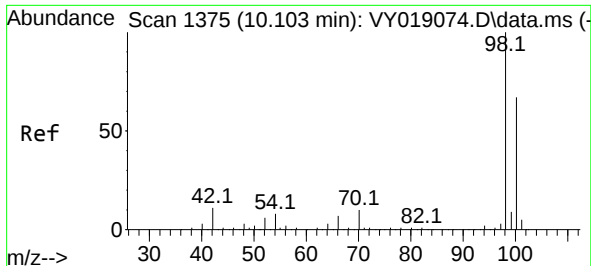
Tgt Ion:114 Resp: 185213
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.0
88 14.4 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.063 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

Tgt Ion:113 Resp: 58206
Ion Ratio Lower Upper
113 100
111 100.4 82.2 123.4
192 20.0 15.9 23.9

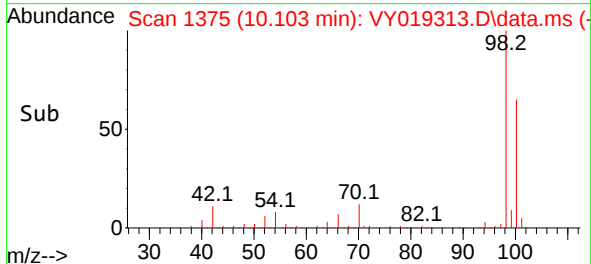
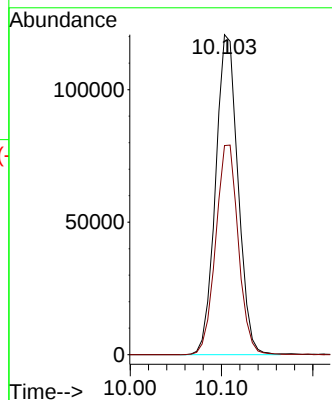
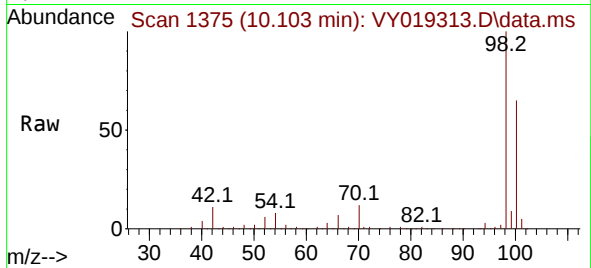




#50
Toluene-d8
Concen: 47.195 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

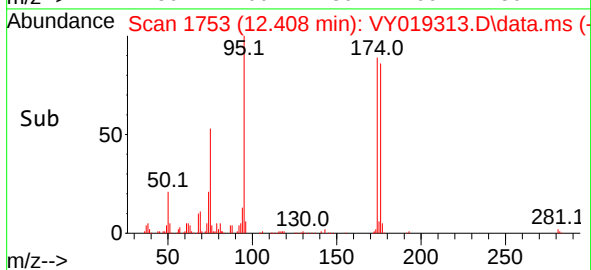
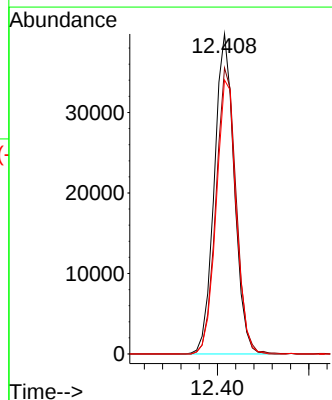
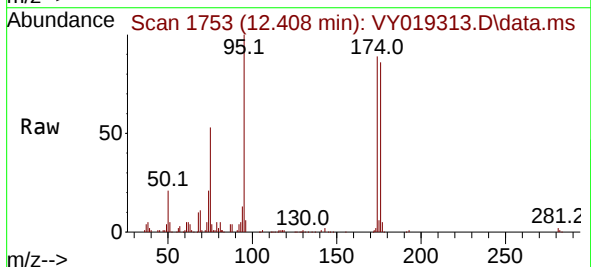
Instrument :
MSVOA_Y
ClientSampleId :
S-902-J-0.5-1-081624

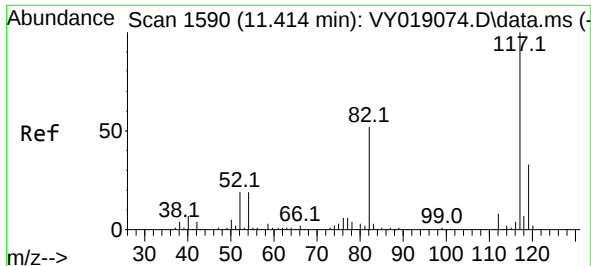
Tgt Ion: 98 Resp: 205682
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.537 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

Tgt Ion: 95 Resp: 60225
Ion Ratio Lower Upper
95 100
174 90.8 0.0 175.6
176 86.0 0.0 171.4

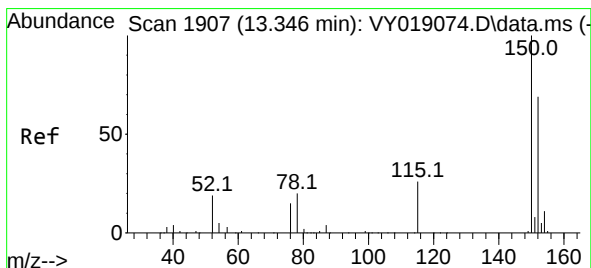
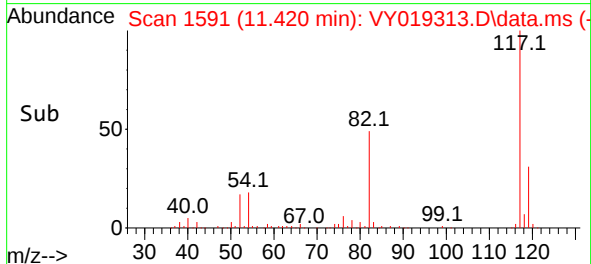
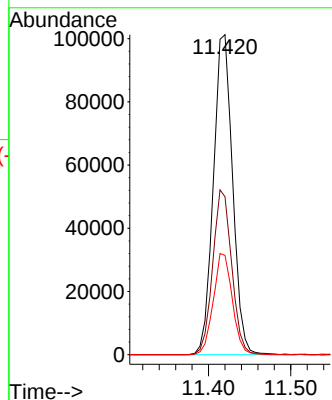
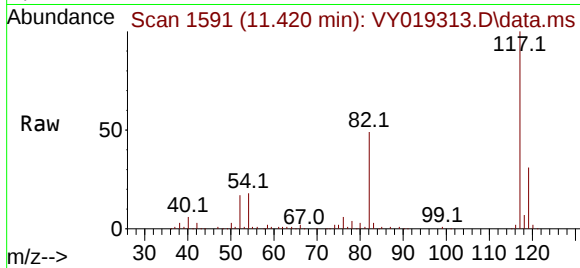




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019313.D
Acq: 28 Aug 2024 04:36

Instrument :
MSVOA_Y
ClientSampleId :
S-902-J-0.5-1-081624

Tgt Ion:117 Resp: 164509
Ion Ratio Lower Upper
117 100
82 49.3 42.4 63.6
119 31.0 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: VY019313.D
Acq: 28 Aug 2024 04:36

Tgt Ion:152 Resp: 58207
Ion Ratio Lower Upper
152 100
115 58.4 28.2 84.7
150 156.3 0.0 345.6

