

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082724\
 Data File : VY019312.D
 Acq On : 28 Aug 2024 04:12
 Operator : SY/MD
 Sample : P3660-03
 Misc : 7.14g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S-902-J-0-0.5-081624

Quant Time: Aug 28 05:04:00 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	101288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	179403	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	160959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	60642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	49824	49.072	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.140%
35) Dibromofluoromethane	7.622	113	56876	48.486	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.980%
50) Toluene-d8	10.103	98	200355	47.462	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.920%
62) 4-Bromofluorobenzene	12.407	95	60093	41.758	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	83.520%

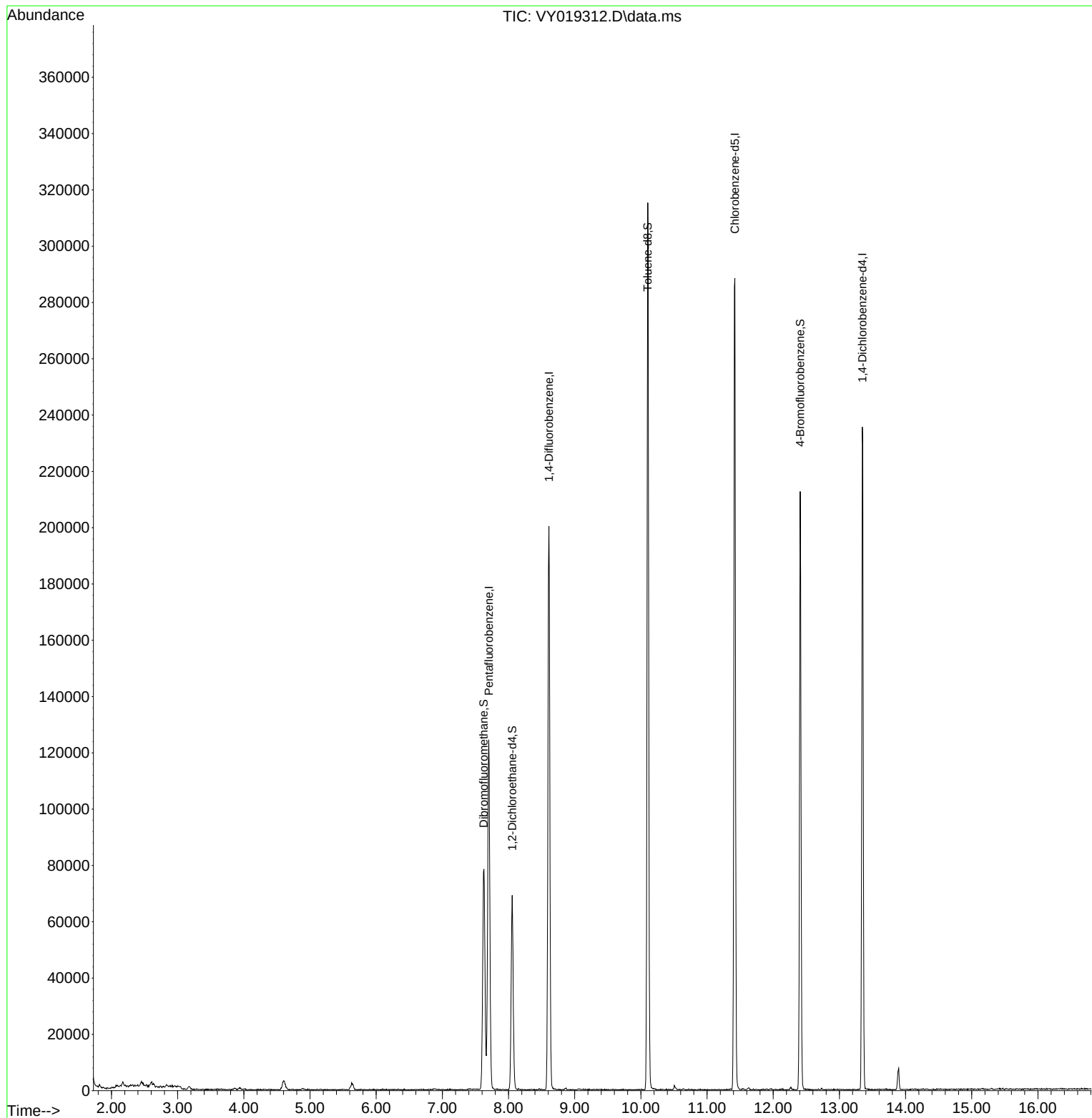
Target Compounds	Qvalue

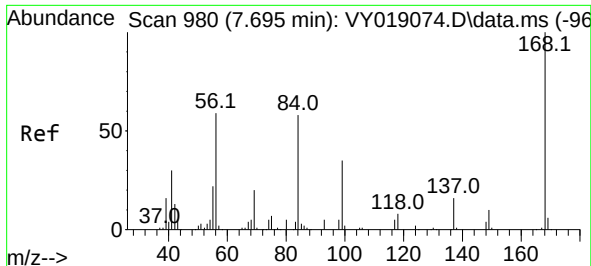
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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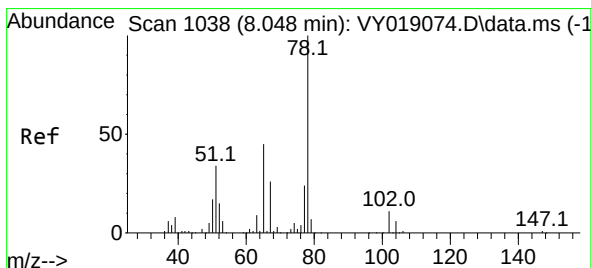
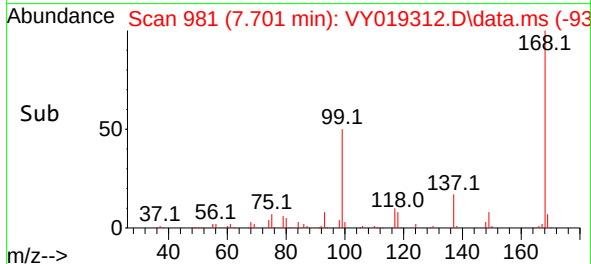
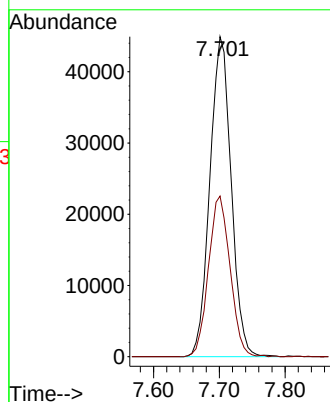
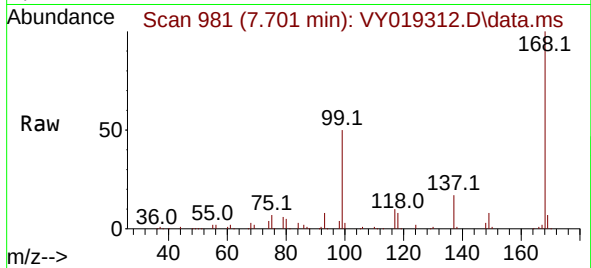




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

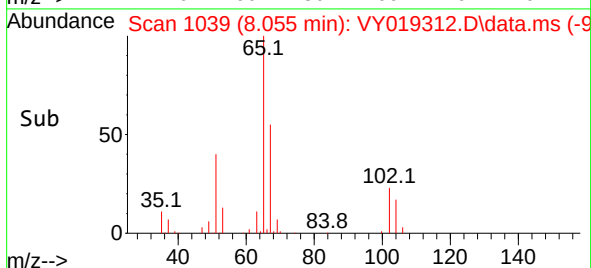
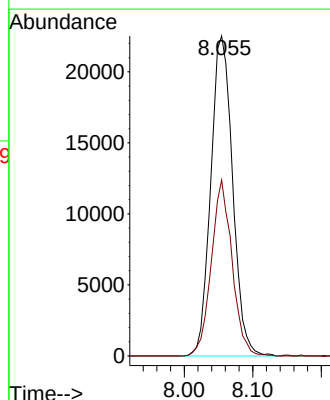
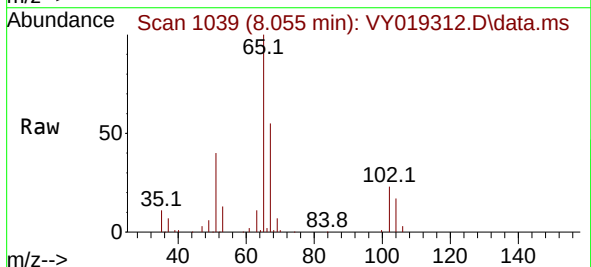
Instrument :
MSVOA_Y
ClientSampleId :
S-902-J-0-0.5-081624

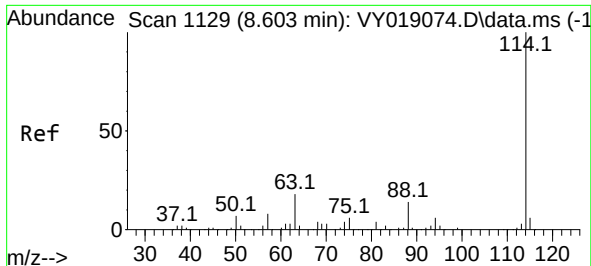
Tgt Ion:168 Resp: 101288
Ion Ratio Lower Upper
168 100
99 50.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.072 ug/l
RT: 8.055 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion: 65 Resp: 49824
Ion Ratio Lower Upper
65 100
67 52.3 0.0 109.6

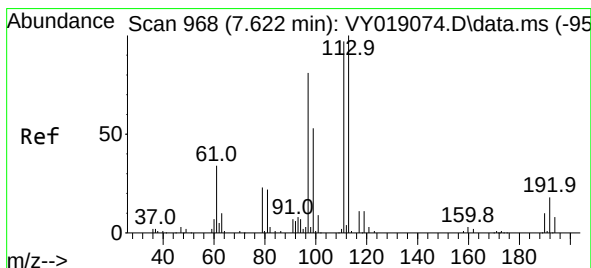
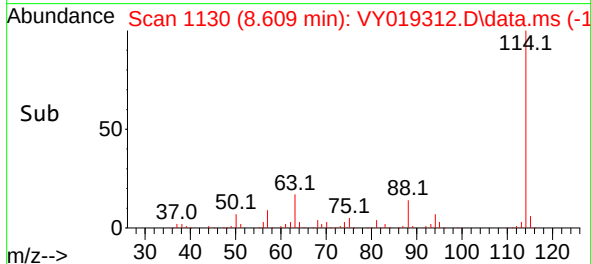
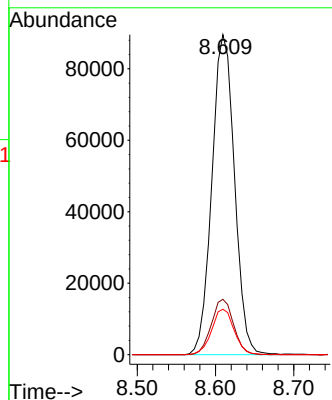
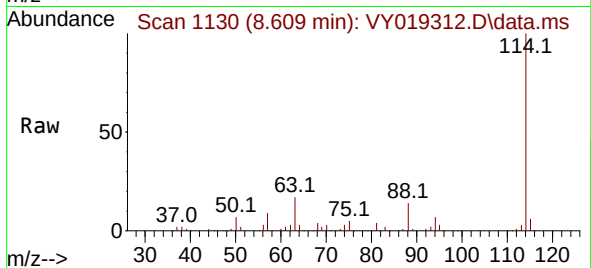




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

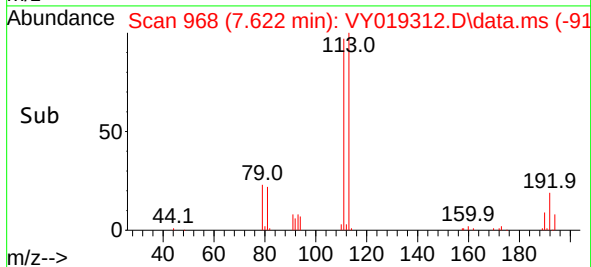
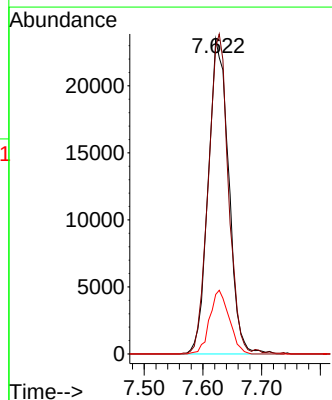
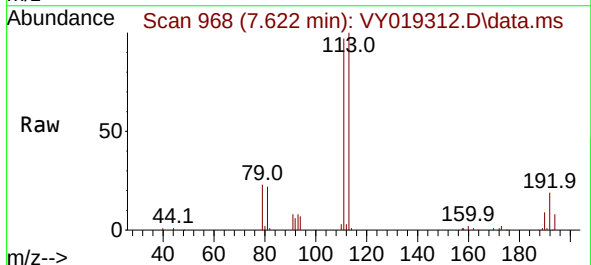
Instrument :
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ClientSampleId :
S-902-J-0-0.5-081624

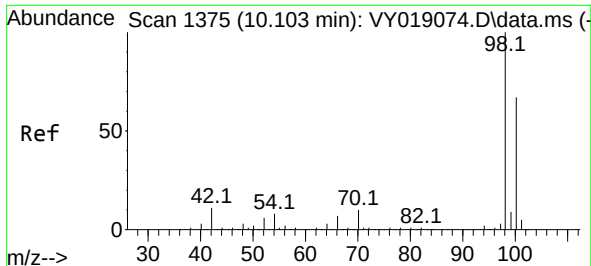
Tgt Ion:114 Resp: 179403
Ion Ratio Lower Upper
114 100
63 17.3 0.0 35.0
88 14.2 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.486 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion:113 Resp: 56876
Ion Ratio Lower Upper
113 100
111 99.1 82.2 123.4
192 19.3 15.9 23.9

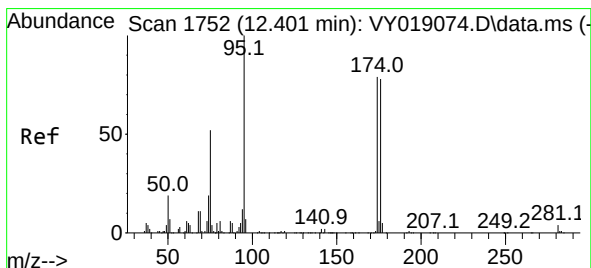
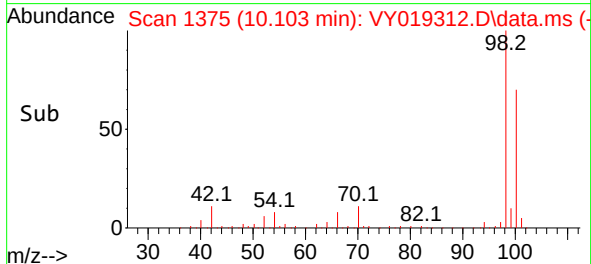
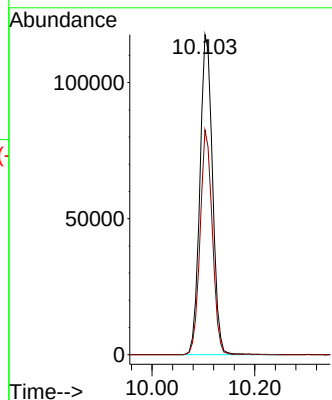
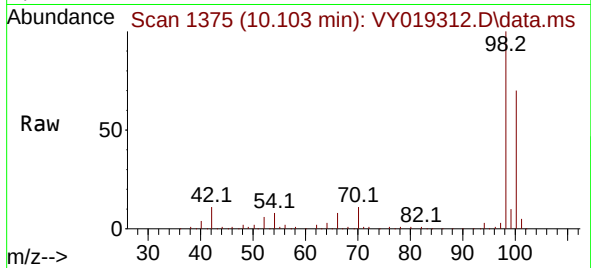




#50
Toluene-d8
Concen: 47.462 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

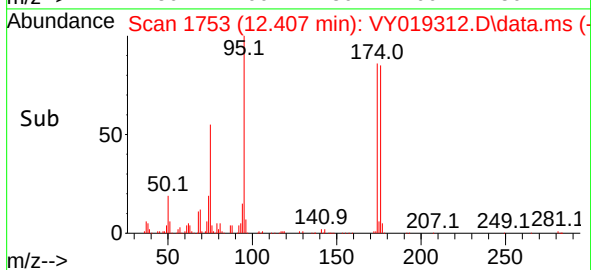
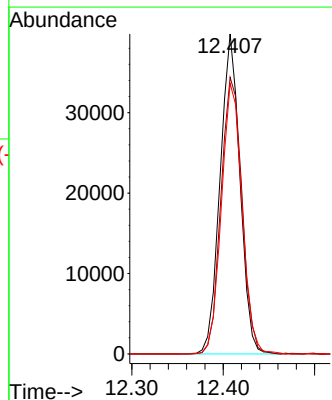
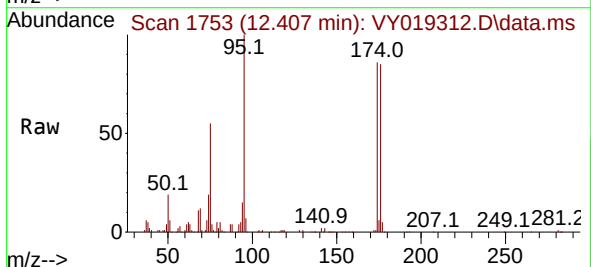
Instrument :
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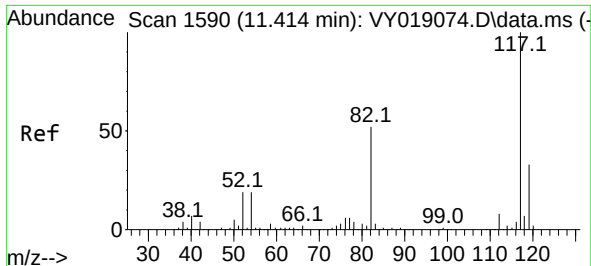
Tgt Ion: 98 Resp: 200355
Ion Ratio Lower Upper
98 100
100 68.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.758 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion: 95 Resp: 60093
Ion Ratio Lower Upper
95 100
174 91.6 0.0 175.6
176 88.1 0.0 171.4

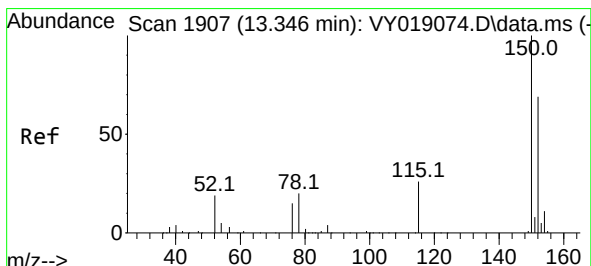
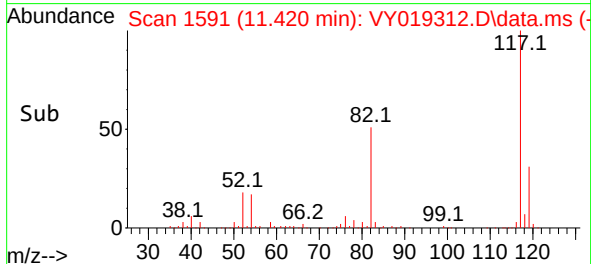
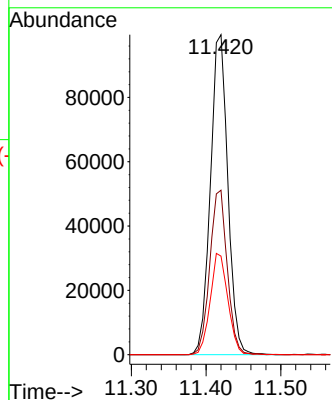
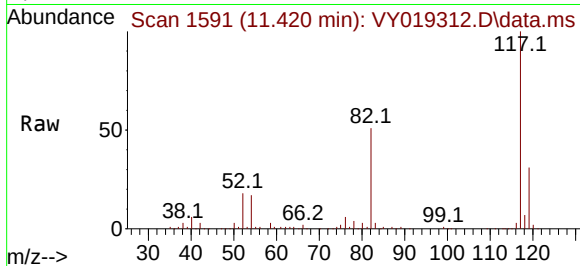




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Instrument :
MSVOA_Y
ClientSampleId :
S-902-J-0-0.5-081624

Tgt Ion:117 Resp: 160959
Ion Ratio Lower Upper
117 100
82 51.4 42.4 63.6
119 30.8 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019312.D
Acq: 28 Aug 2024 04:12

Tgt Ion:152 Resp: 60642
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 154.5 0.0 345.6

