

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080824\
 Data File : VY018950.D
 Acq On : 09 Aug 2024 00:53
 Operator : SY/MD
 Sample : P3518-09
 Misc : 4.67g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OU4-TS-05-080724

Quant Time: Aug 09 05:15:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	82847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	133136	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	98220	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	28122	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	35284	48.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.020%
35) Dibromofluoromethane	7.622	113	41176	48.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.840%
50) Toluene-d8	10.103	98	151371	46.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.408	95	30909	31.898	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.800%

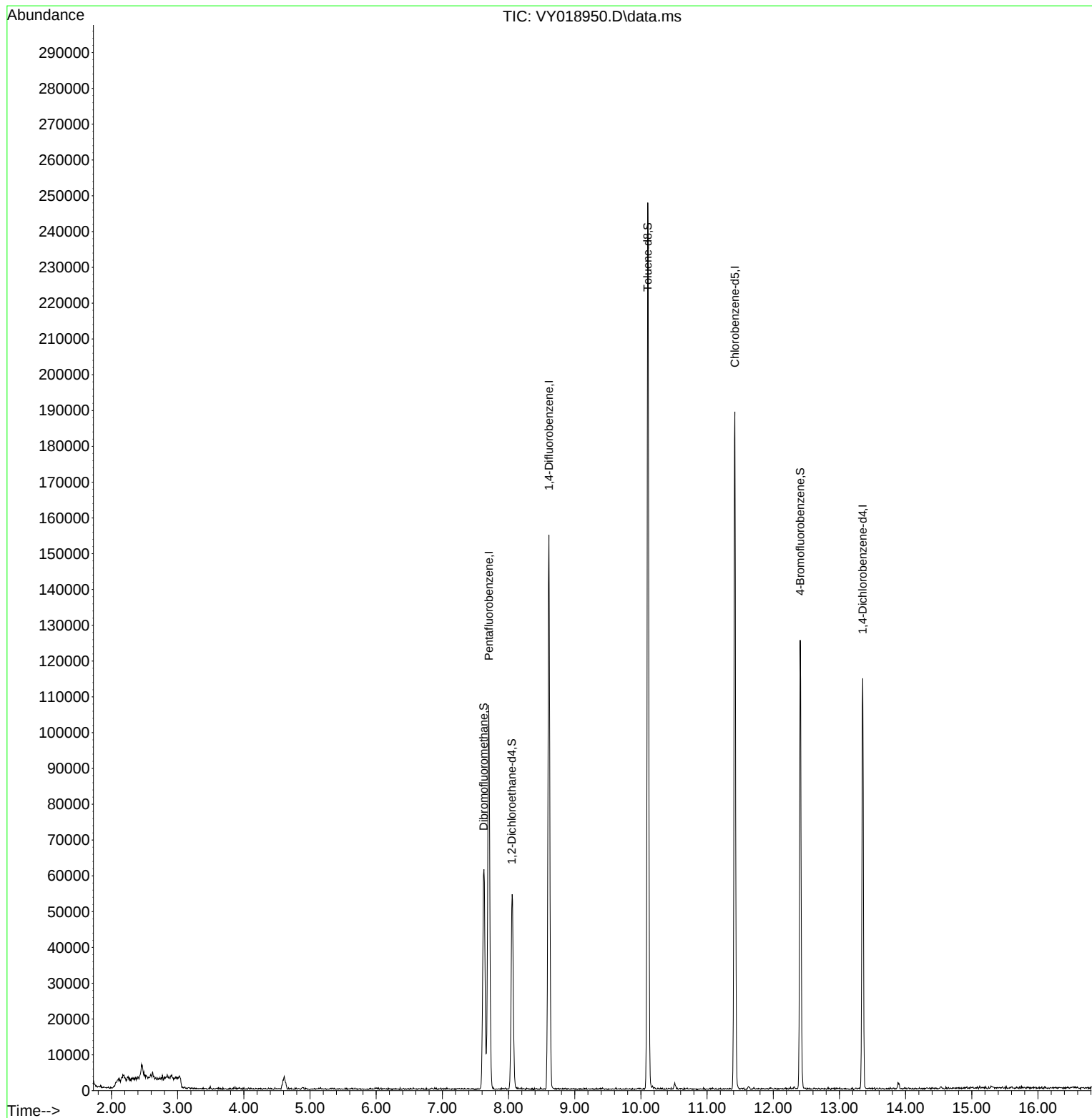
Target Compounds	Qvalue

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

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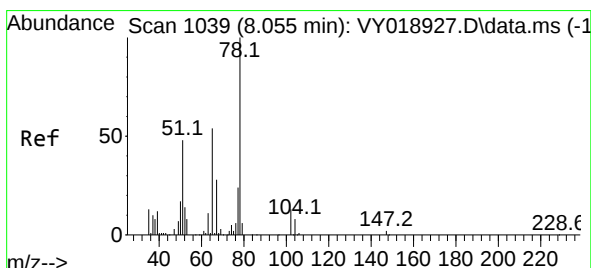
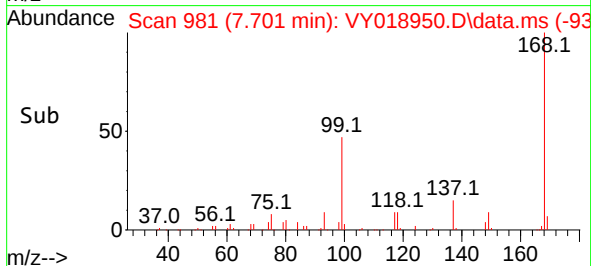
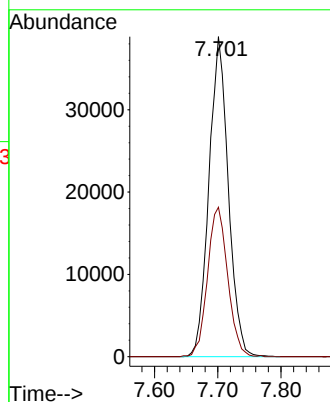
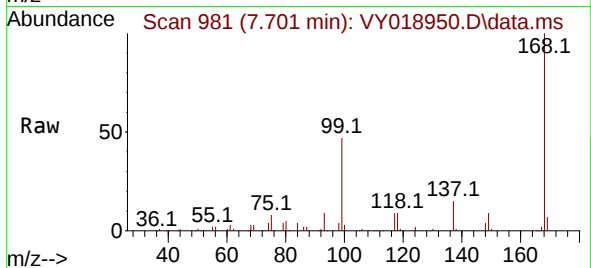




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53

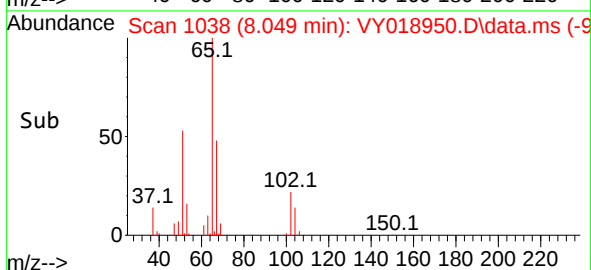
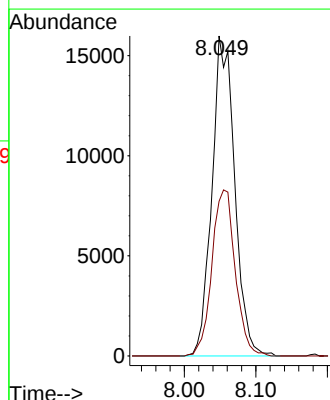
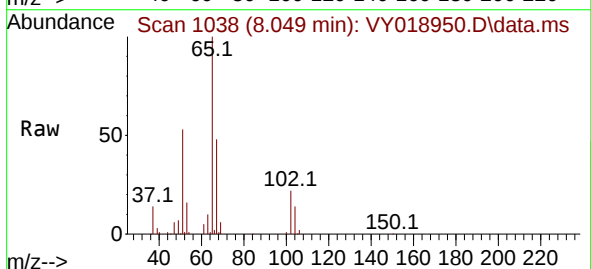
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-05-080724

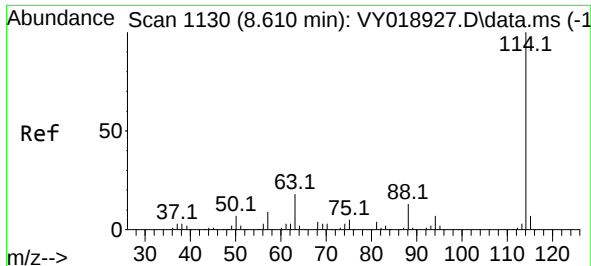
Tgt Ion:168 Resp: 82847
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 48.508 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53

Tgt Ion: 65 Resp: 35284
Ion Ratio Lower Upper
65 100
67 53.4 0.0 109.6

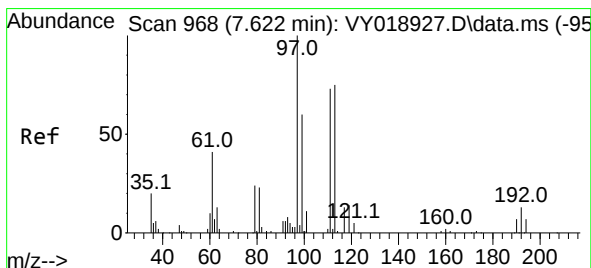
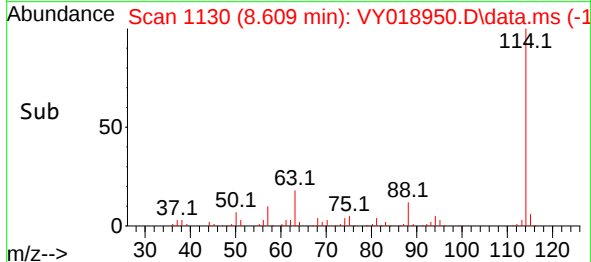
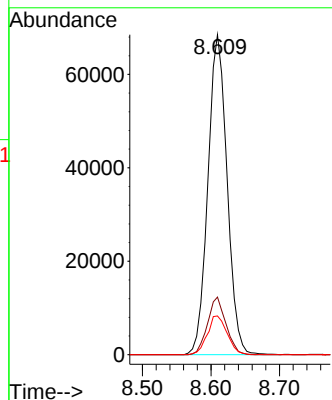
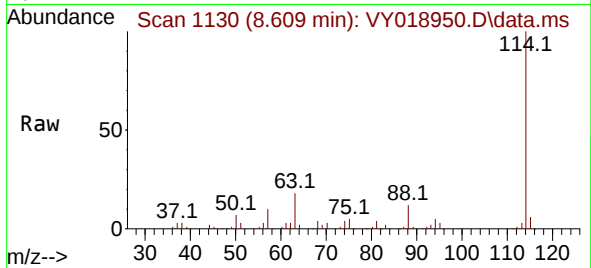




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53

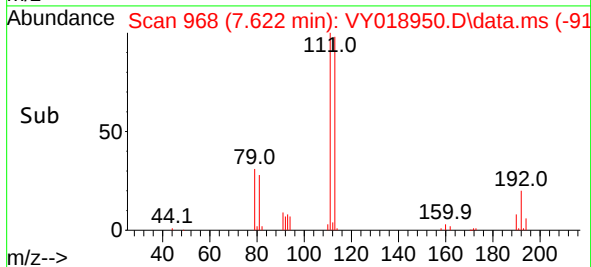
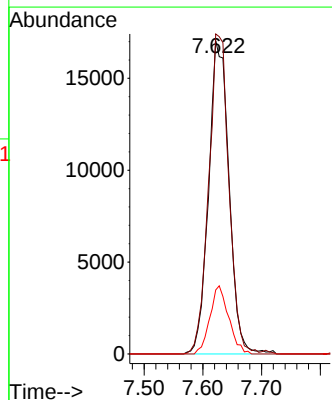
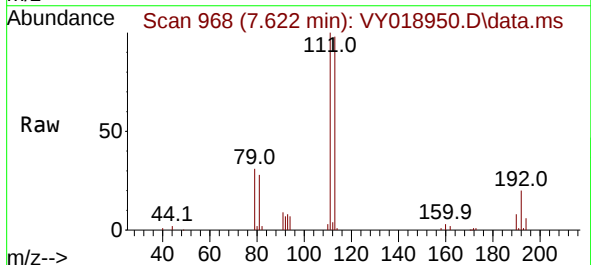
Instrument :
MSVOA_Y
ClientSampleId :
OU4-TS-05-080724

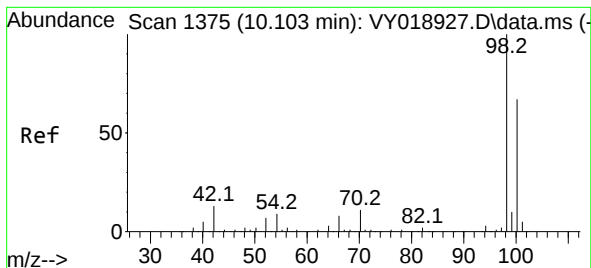
Tgt Ion:114 Resp: 133136
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 12.1 0.0 27.2



#35
Dibromofluoromethane
Concen: 48.424 ug/l
RT: 7.622 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53

Tgt Ion:113 Resp: 41176
Ion Ratio Lower Upper
113 100
111 101.1 82.2 123.4
192 20.0 15.9 23.9

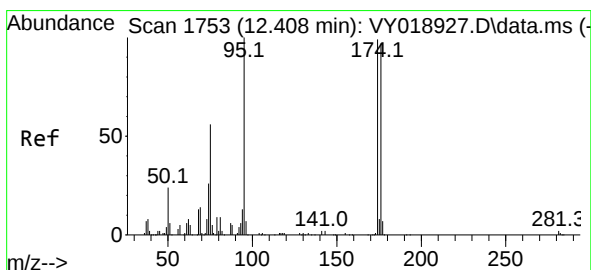
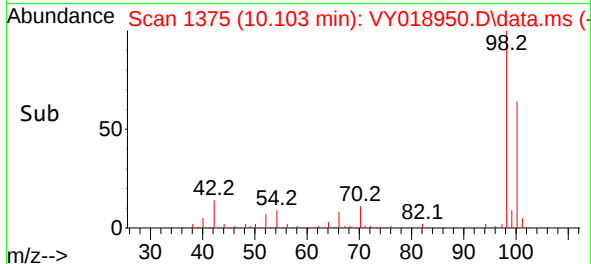
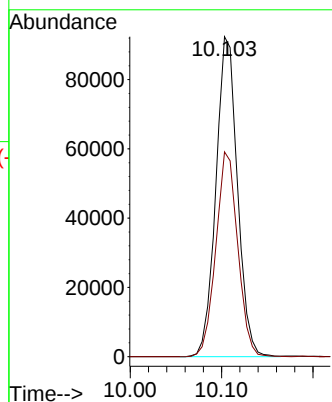
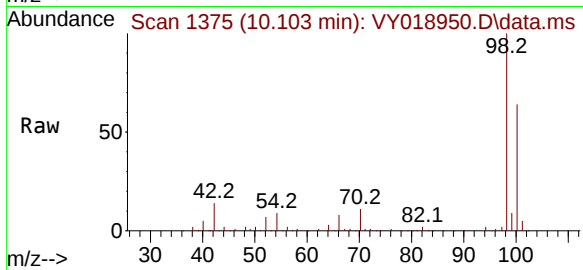




#50
Toluene-d8
Concen: 46.346 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53

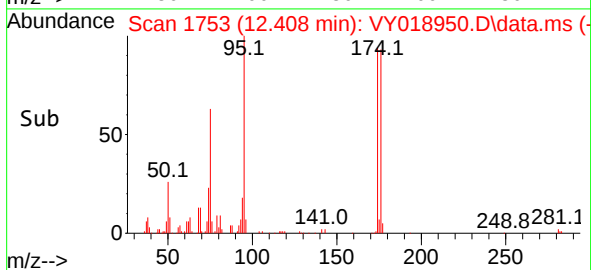
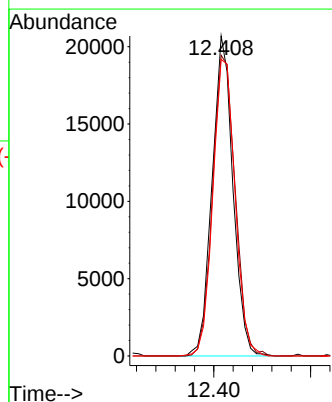
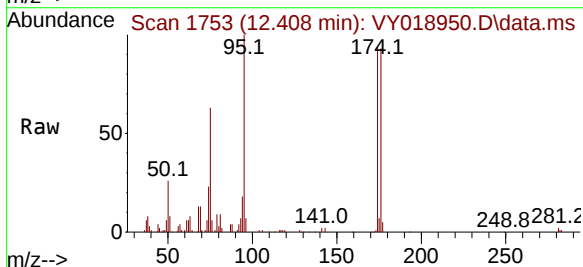
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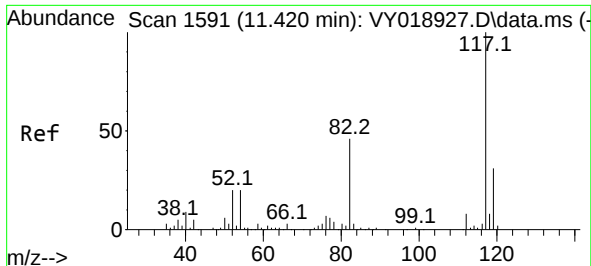
Tgt Ion: 98 Resp: 151371
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 31.898 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53

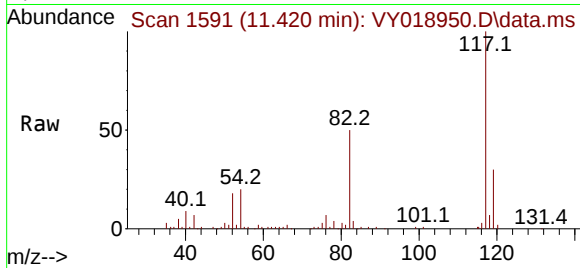
Tgt Ion: 95 Resp: 30909
Ion Ratio Lower Upper
95 100
174 101.7 0.0 175.6
176 98.5 0.0 171.4



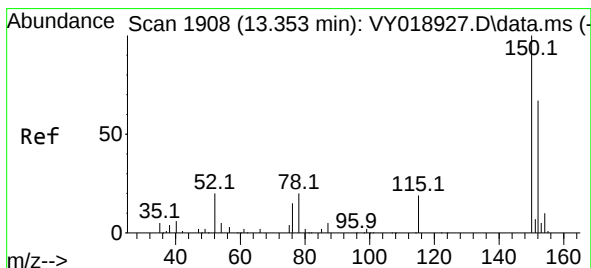
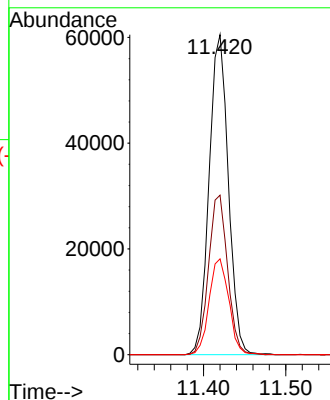
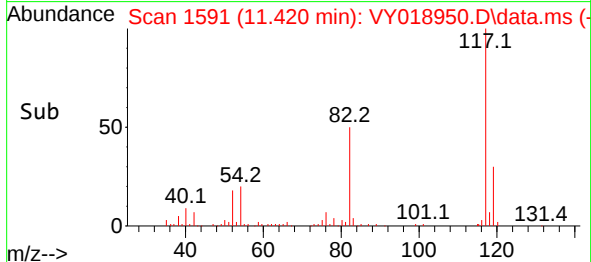


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53

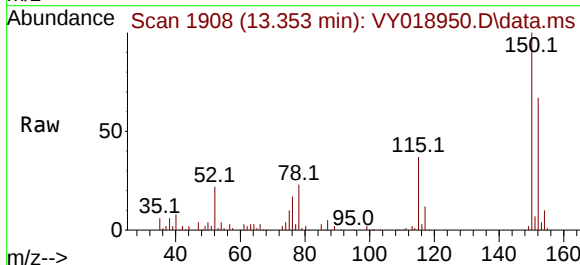
Instrument :
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ClientSampleId :
OU4-TS-05-080724



Tgt Ion	Ratio	Lower	Upper
117	100		
82	49.8	42.4	63.6
119	30.0	25.9	38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY018950.D
Acq: 09 Aug 2024 00:53



Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.2	28.2	84.7
150	154.6	0.0	345.6

