

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013535.D
 Acq On : 01 May 2023 13:28
 Operator : KP/MD
 Sample : 02557-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-A

Quant Time: May 01 22:47:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	168	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	540	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0m	50.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	13.422	152	28	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	357	193.848	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	387.700%#
35) Dibromofluoromethane	7.710	113	255	75.081	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	150.160%#
50) Toluene-d8	10.191	98	497	41.135	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	82.260%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

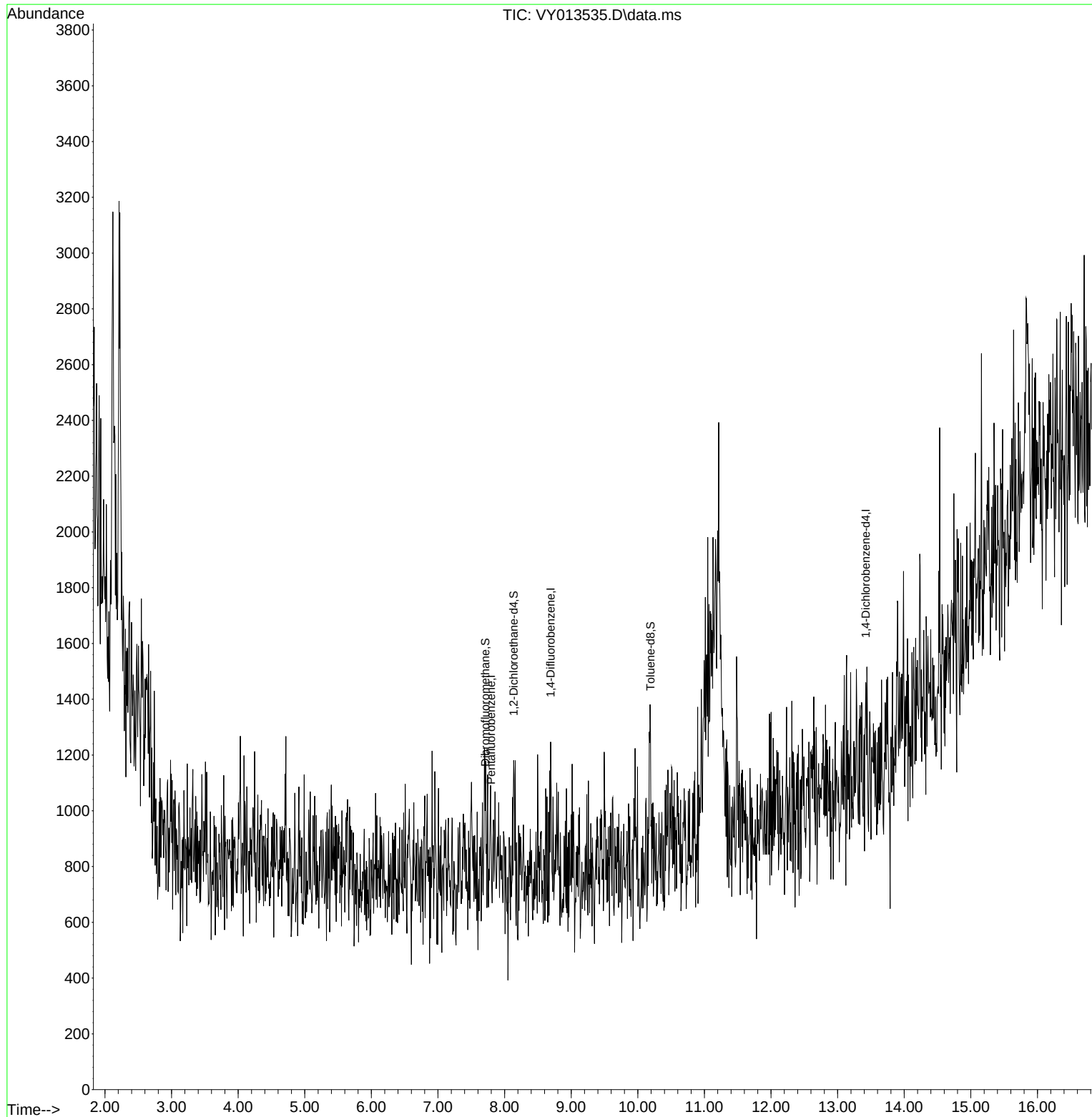
Target Compounds Qvalue

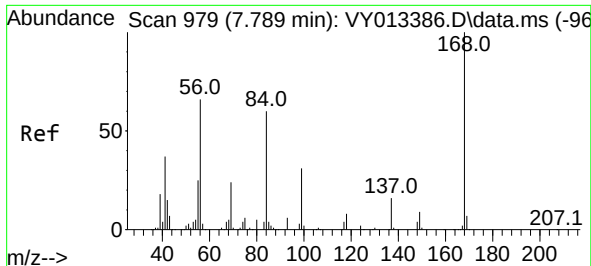
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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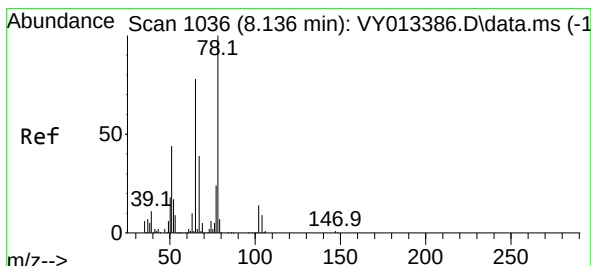
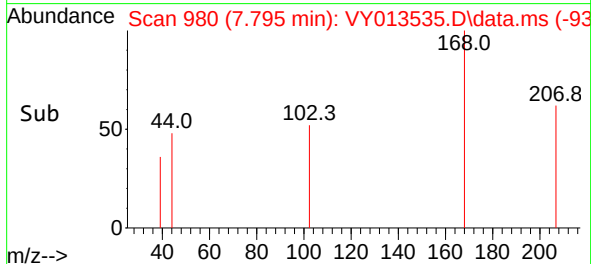
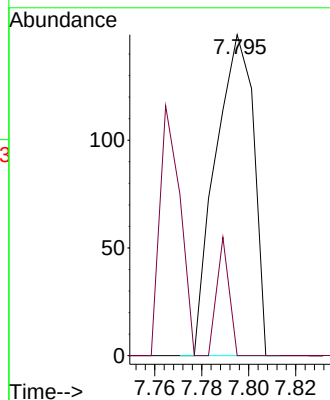
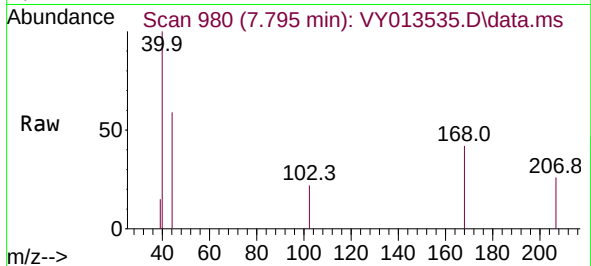




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

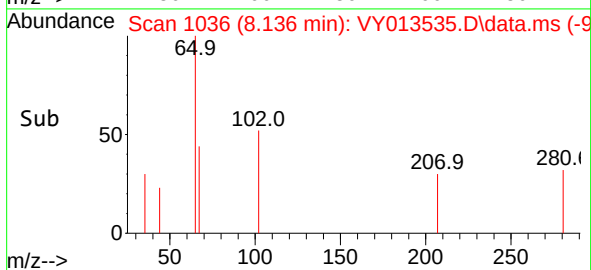
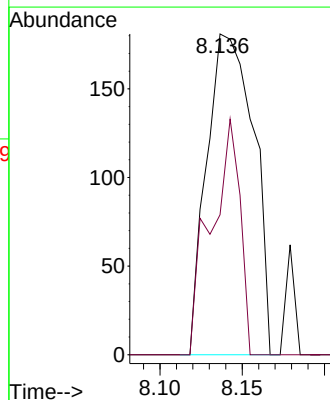
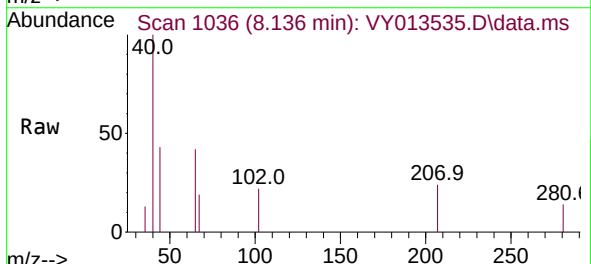
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

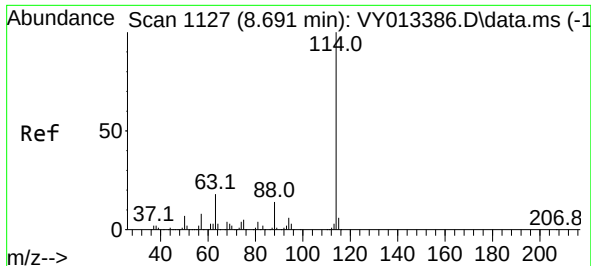
Tgt Ion:168 Resp: 168
Ion Ratio Lower Upper
168 100
99 0.0 41.8 62.6#



#33
1,2-Dichloroethane-d4
Concen: 193.848 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 65 Resp: 357
Ion Ratio Lower Upper
65 100
67 45.9 0.0 103.4

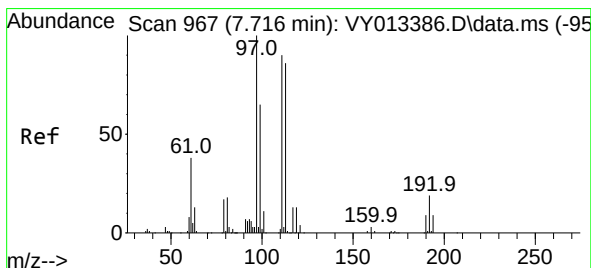
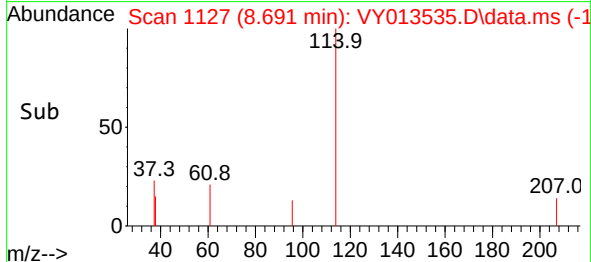
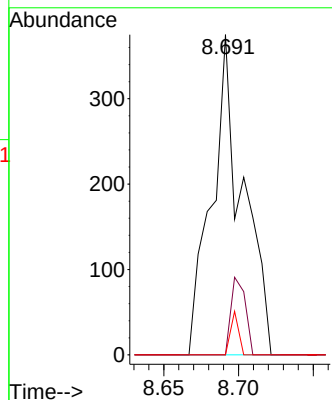
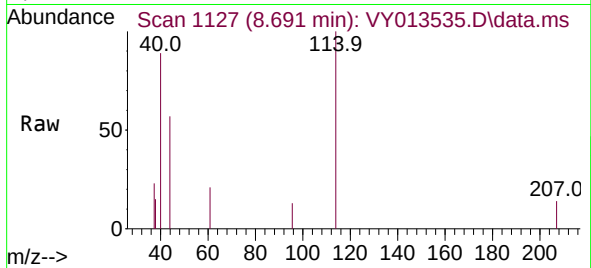




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

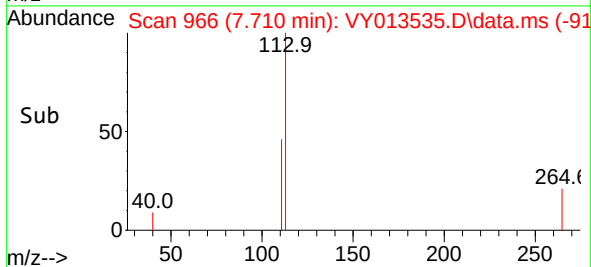
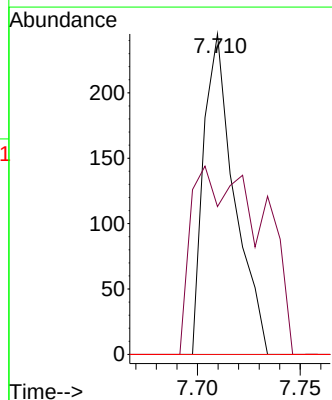
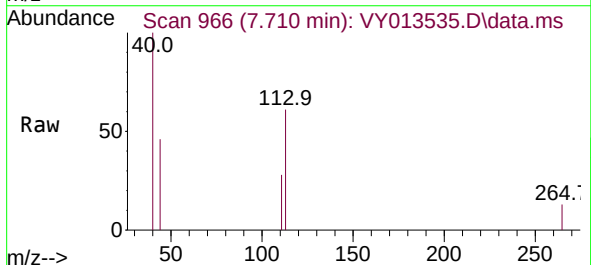
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ClientSampleId :
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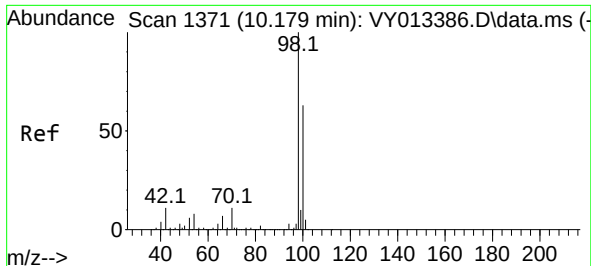
Tgt Ion:114	Resp:	540
Ion Ratio	Lower	Upper
114	100	
63	0.0	36.6
88	0.0	28.8



#35
Dibromofluoromethane
Concen: 75.081 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion:113	Resp:	255
Ion Ratio	Lower	Upper
113	100	
111	134.9	123.2#
192	0.0	25.1#

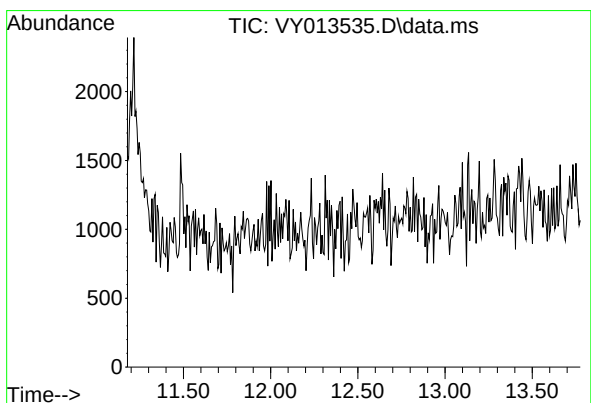
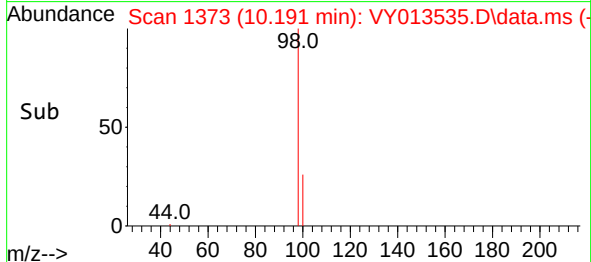
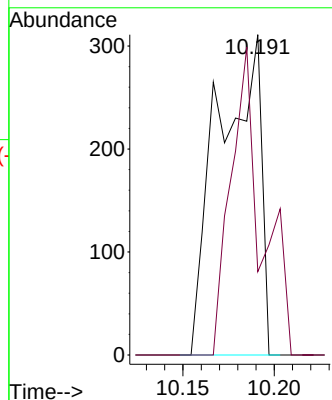
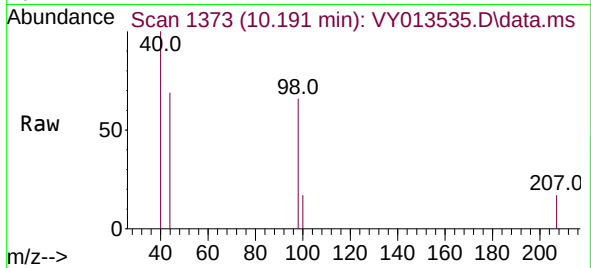




#50
Toluene-d8
Concen: 41.135 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Instrument :
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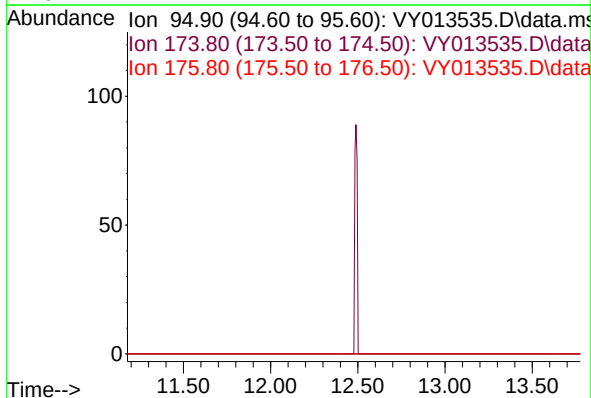
Tgt Ion: 98 Resp: 497
Ion Ratio Lower Upper
98 100
100 70.8 50.5 75.7

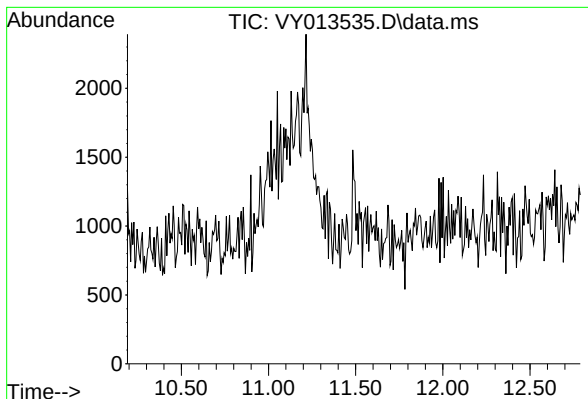


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 95
Sig Exp Ratio
95 100
174 91.0
176 87.7

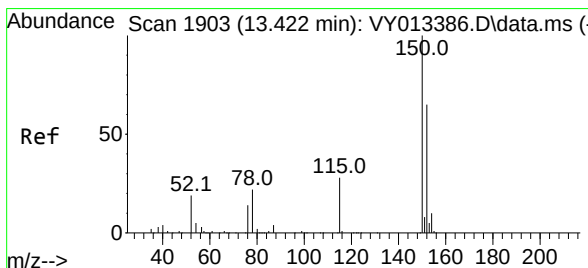
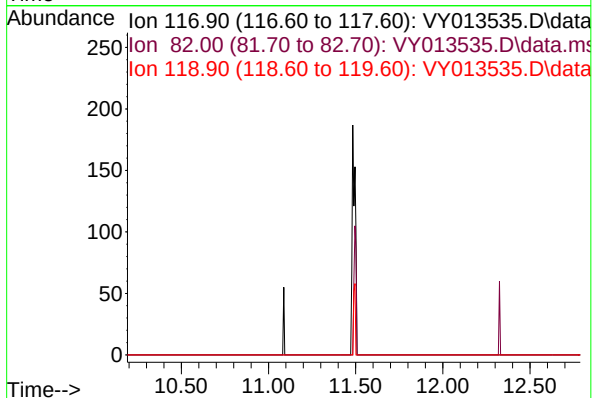




#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.49 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-A

Tgt Ion: 117
Sig Exp Ratio
117 100
82 53.8
119 31.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013535.D
Acq: 01 May 2023 13:28

Tgt Ion: 152 Resp: 28
Ion Ratio Lower Upper
152 100
115 0.0 28.1 84.2#
150 282.1 0.0 352.0

