

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010324\
 Data File : VY016908.D
 Acq On : 03 Jan 2024 14:03
 Operator : SY/MD
 Sample : P1006-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-7-010324

Quant Time: Jan 04 00:32:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	53209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	109214	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	101792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	33444	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	27385	52.073	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.140%
35) Dibromofluoromethane	7.740	113	29913	42.981	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.960%
50) Toluene-d8	10.197	98	100464	41.921	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.840%
62) 4-Bromofluorobenzene	12.502	95	28373	35.091	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.180%

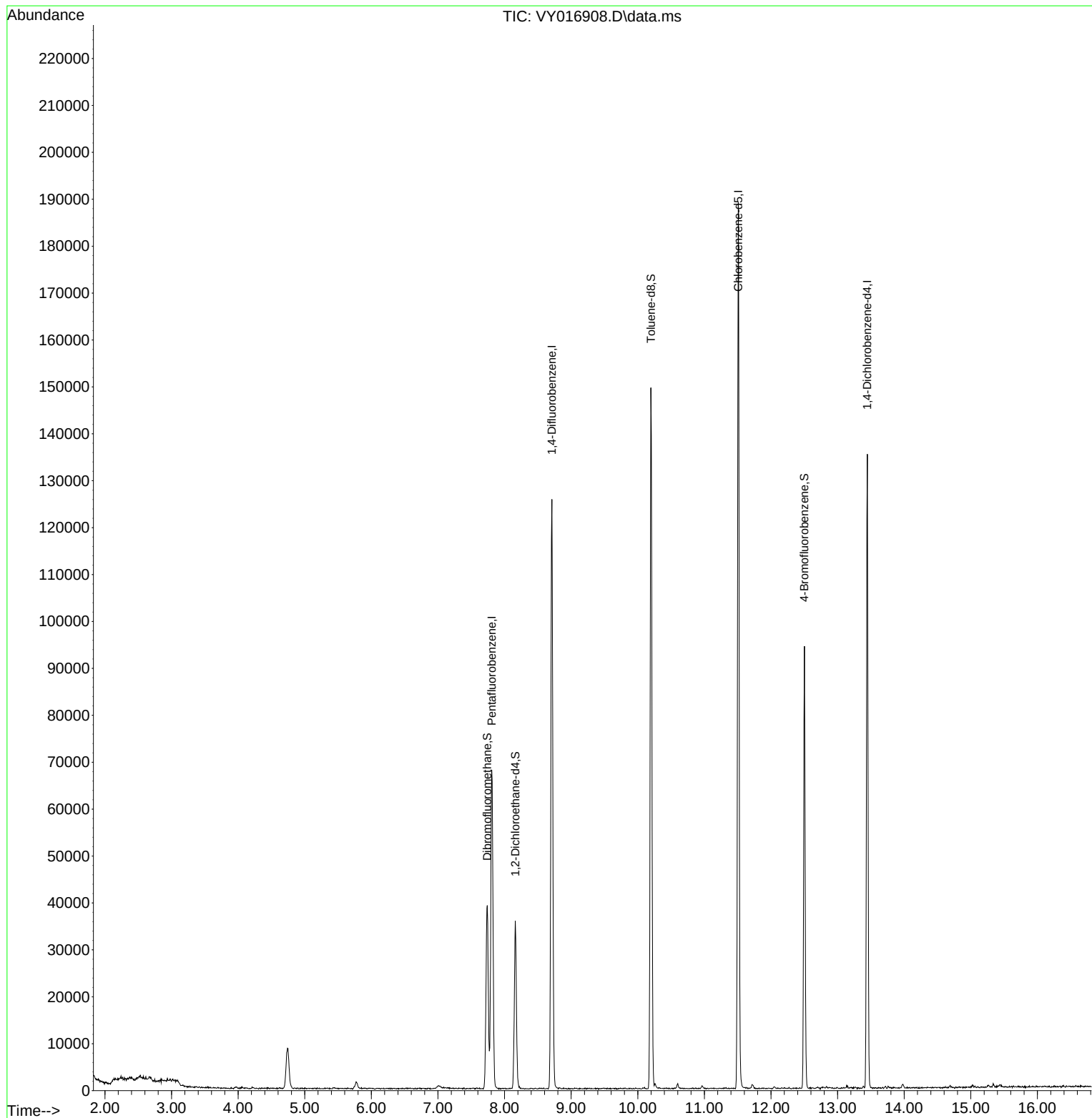
Target Compounds	Qvalue

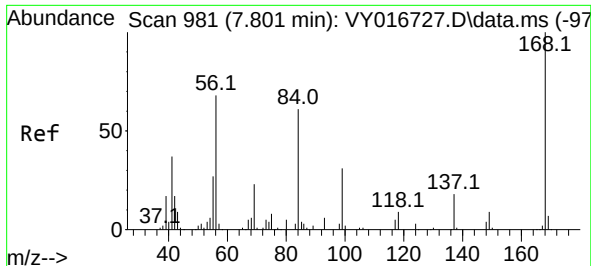
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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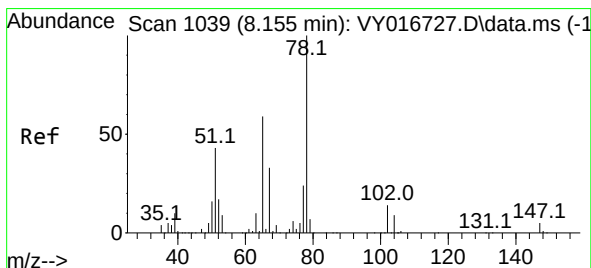
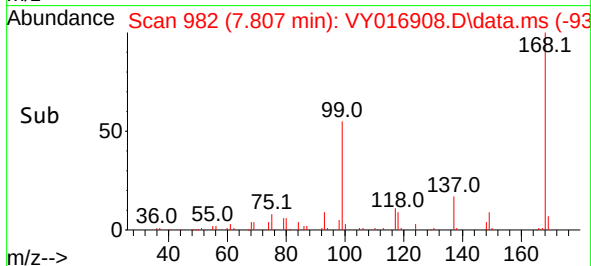
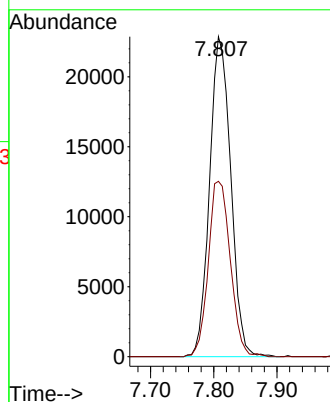
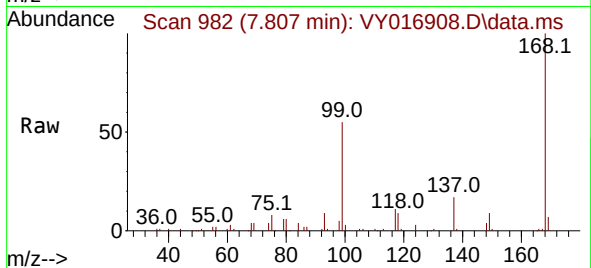




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

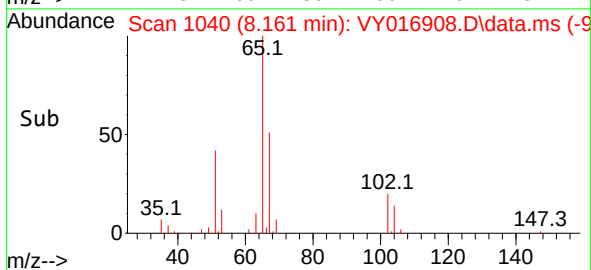
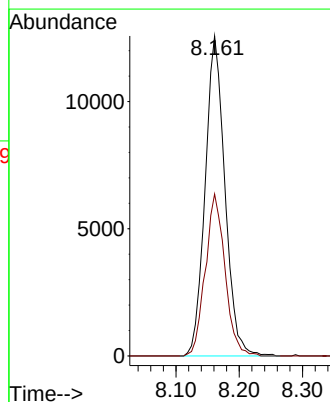
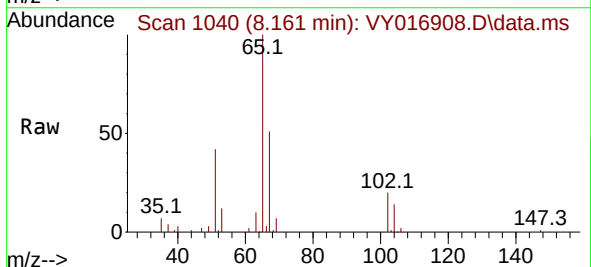
Instrument :
MSVOA_Y
ClientSampleId :
NB-7-010324

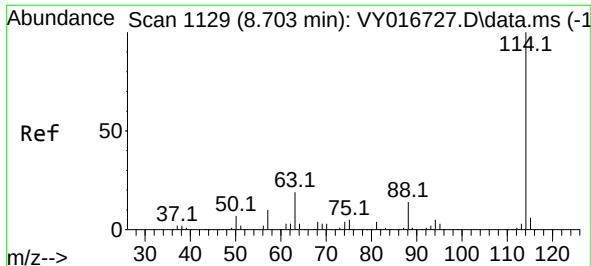
Tgt Ion:168 Resp: 53209
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 52.073 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Tgt Ion: 65 Resp: 27385
Ion Ratio Lower Upper
65 100
67 50.4 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1129

Delta R.T. 0.007 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

Instrument :

MSVOA_Y

ClientSampleId :

NB-7-010324

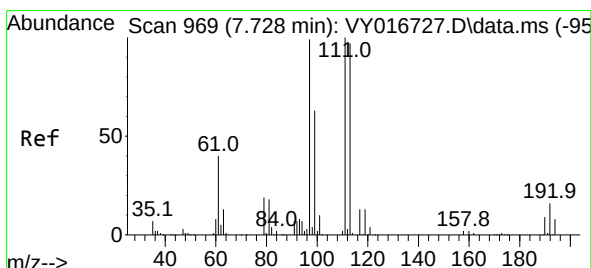
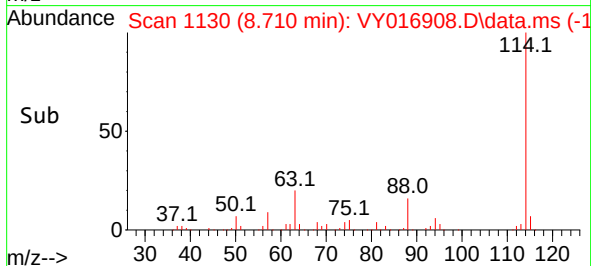
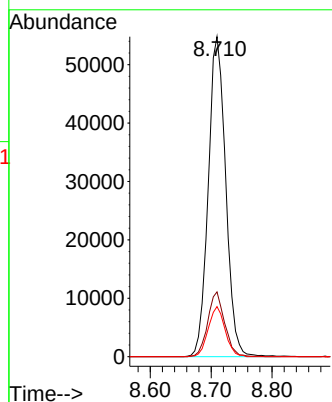
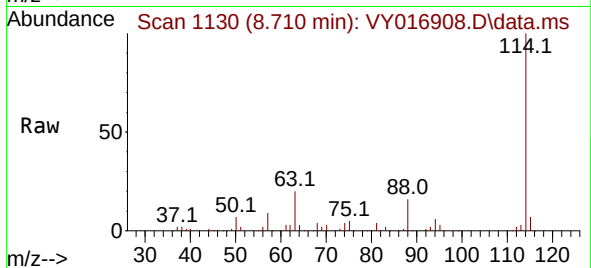
Tgt Ion:114 Resp: 109214

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 42.981 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016908.D

Acq: 03 Jan 2024 14:03

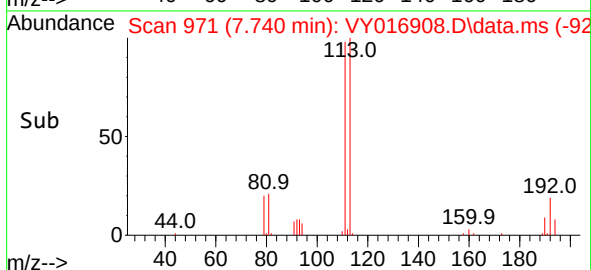
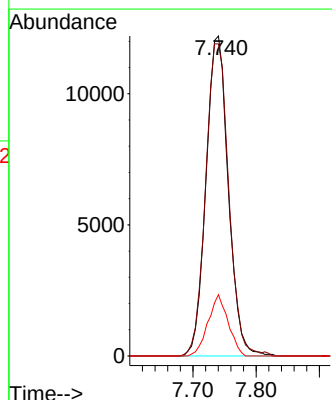
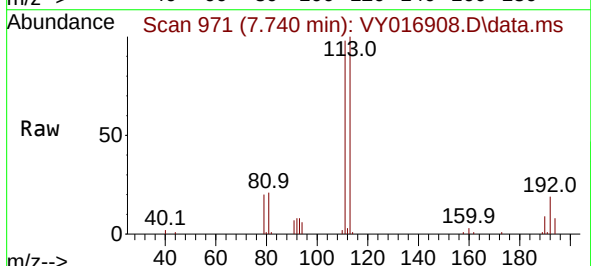
Tgt Ion:113 Resp: 29913

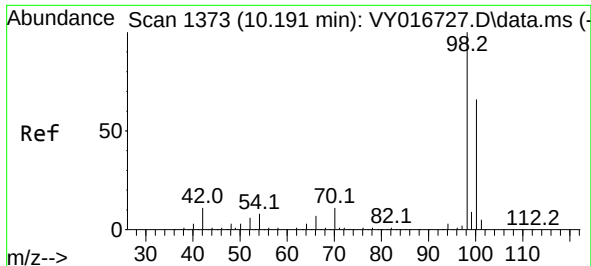
Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 17.3 14.5 21.7

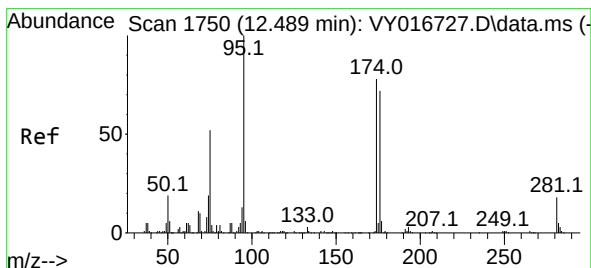
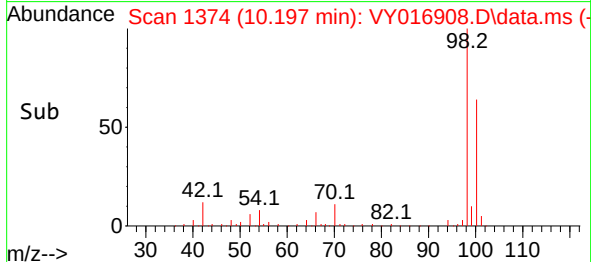
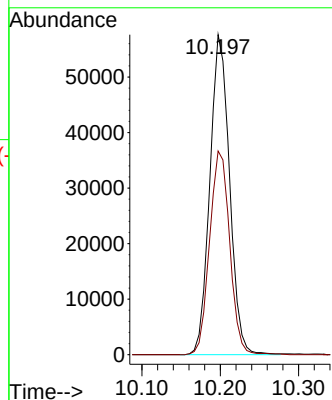
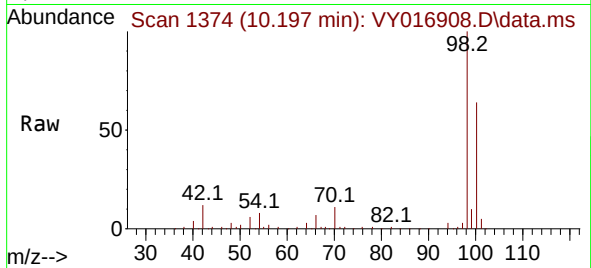




#50
Toluene-d8
Concen: 41.921 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

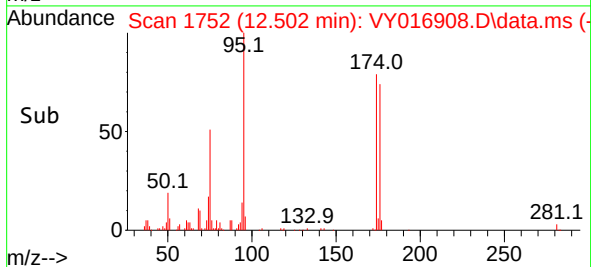
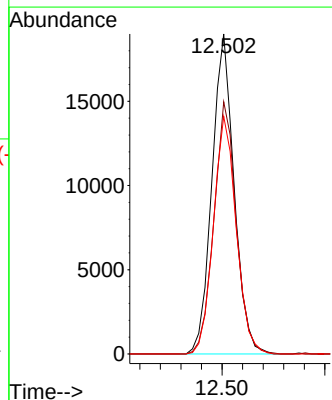
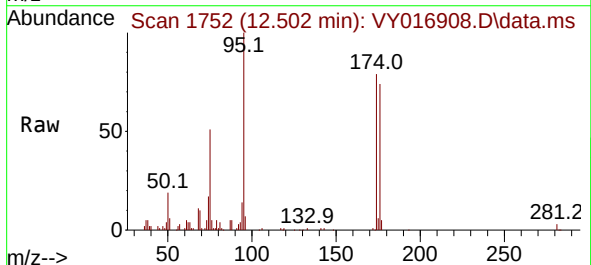
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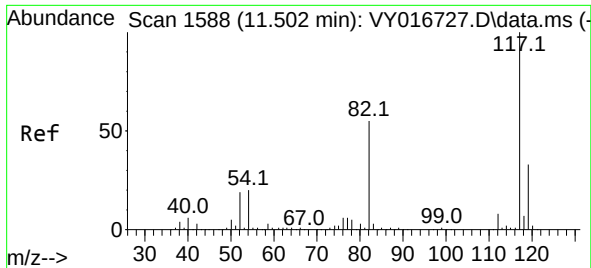
Tgt Ion: 98 Resp: 100464
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 35.091 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Tgt Ion: 95 Resp: 28373
Ion Ratio Lower Upper
95 100
174 79.1 0.0 160.0
176 76.5 0.0 151.8

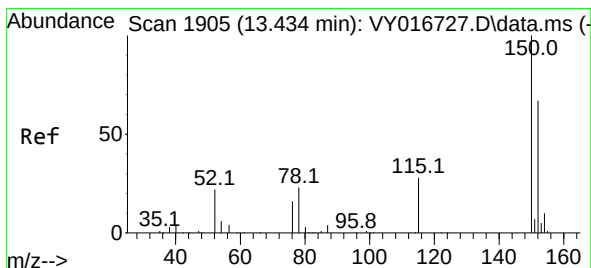
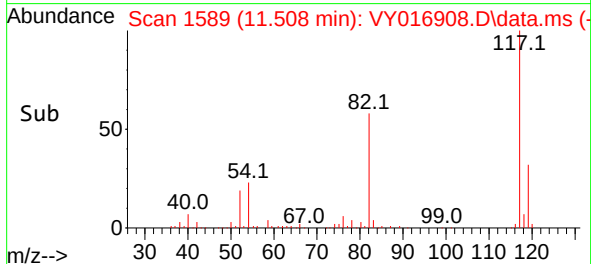
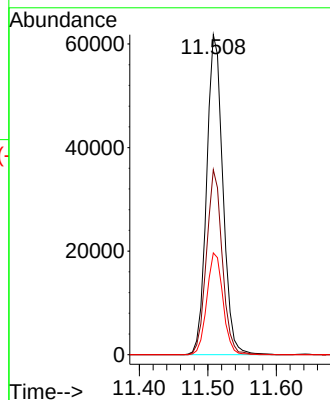
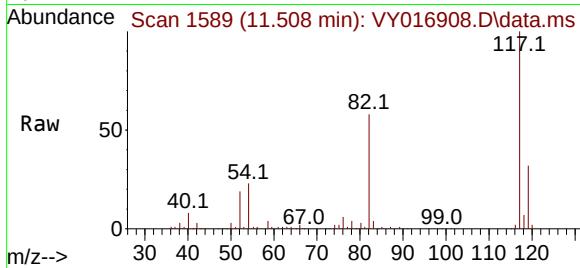




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Instrument :
MSVOA_Y
ClientSampleId :
NB-7-010324

Tgt Ion:117 Resp: 101792
Ion Ratio Lower Upper
117 100
82 57.8 43.8 65.8
119 31.8 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY016908.D
Acq: 03 Jan 2024 14:03

Tgt Ion:152 Resp: 33444
Ion Ratio Lower Upper
152 100
115 60.5 30.0 90.0
150 160.0 0.0 344.6

