

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010224\
 Data File : VY016900.D
 Acq On : 02 Jan 2024 17:31
 Operator : SY/MD
 Sample : P1003-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-11978

Quant Time: Jan 03 00:21:02 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	109821	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	229210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	214841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	72552	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54224	49.956	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.734	113	58920	40.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.680%
50) Toluene-d8	10.197	98	215567	42.859	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.720%
62) 4-Bromofluorobenzene	12.495	95	63025	37.140	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.280%

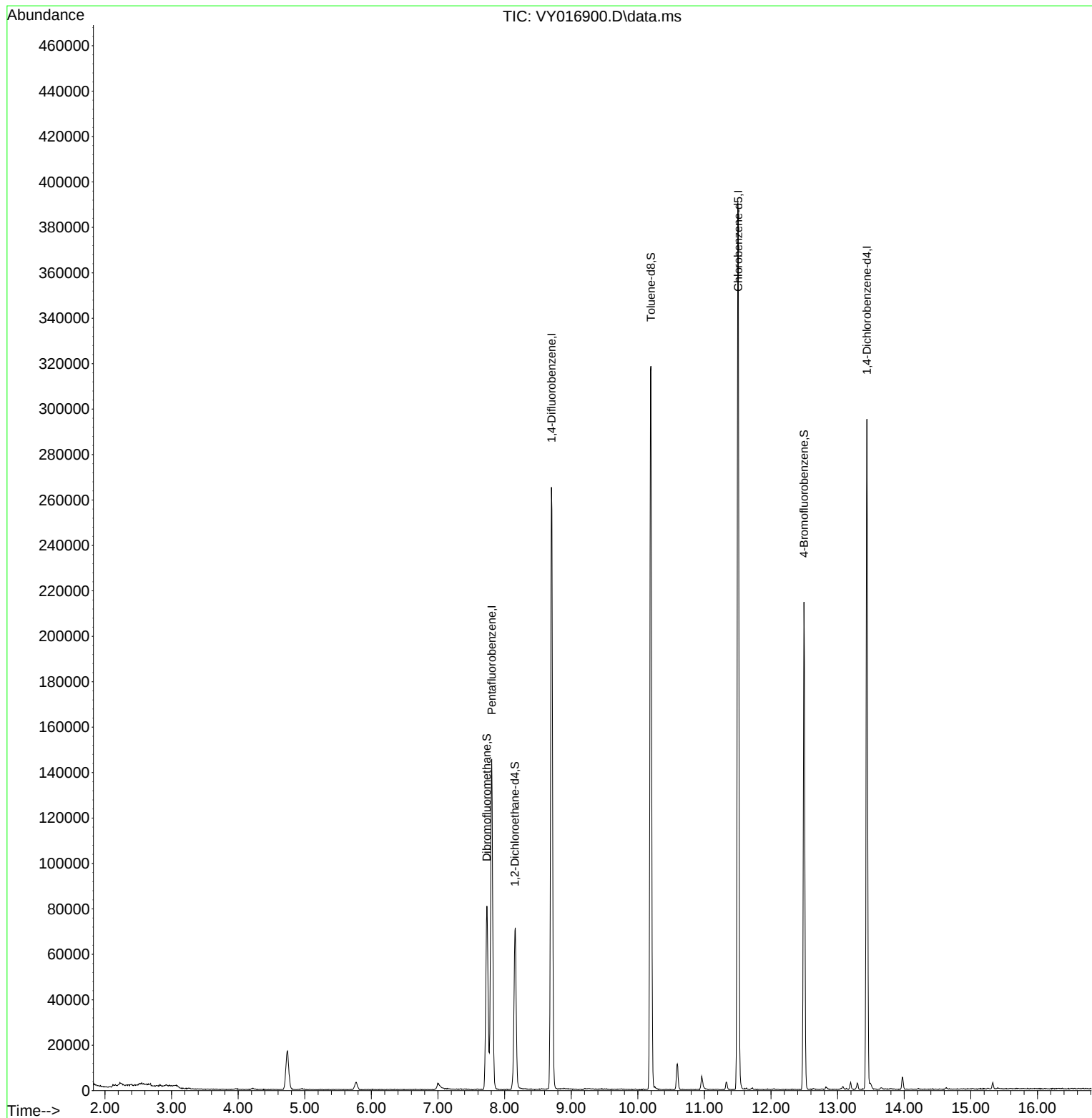
Target Compounds	Qvalue

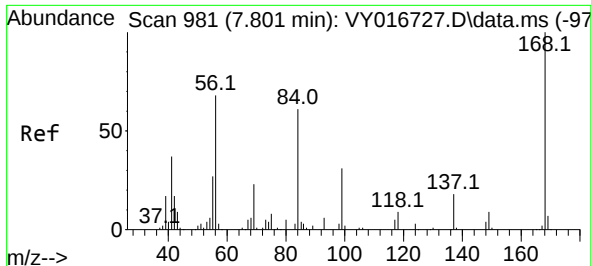
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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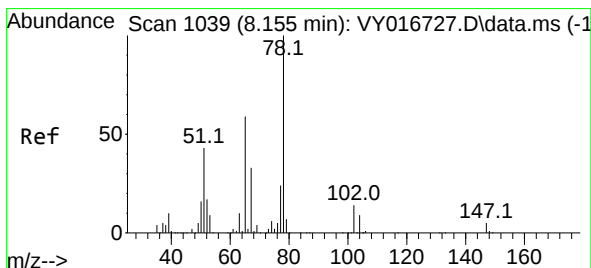
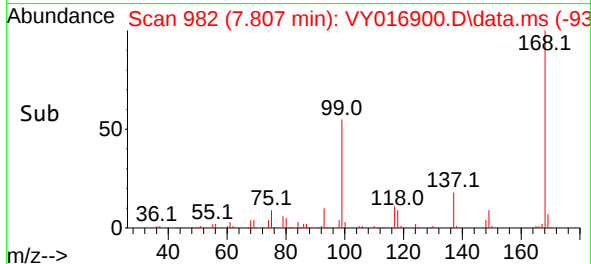
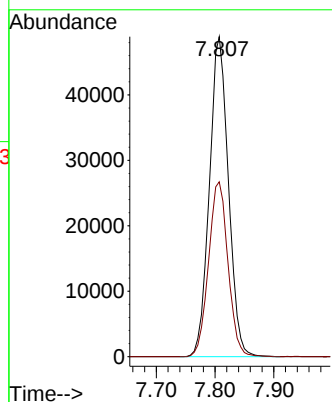
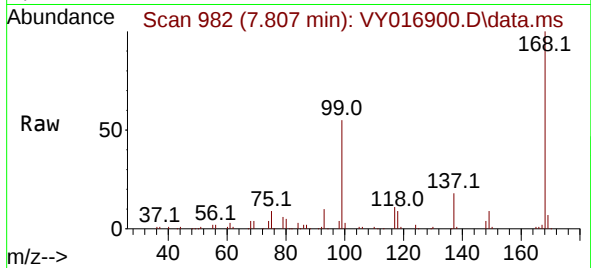




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

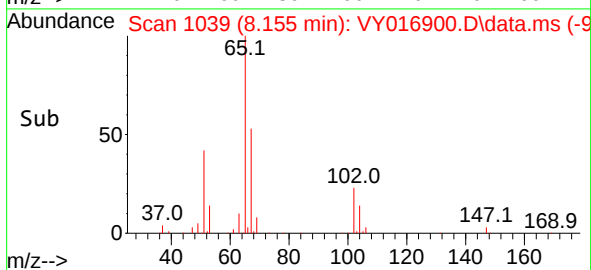
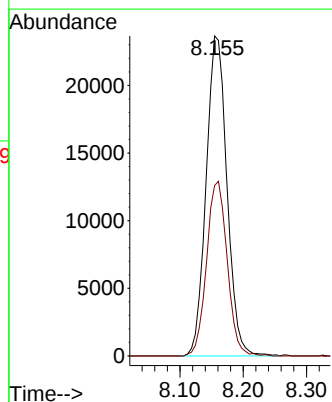
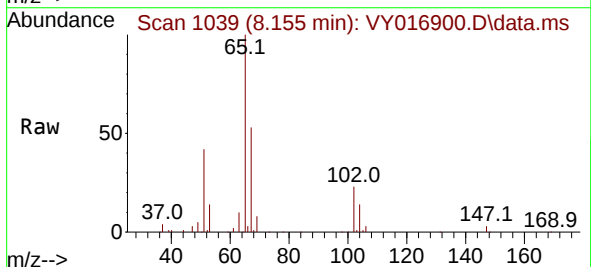
Instrument :
MSVOA_Y
ClientSampleId :
72-11978

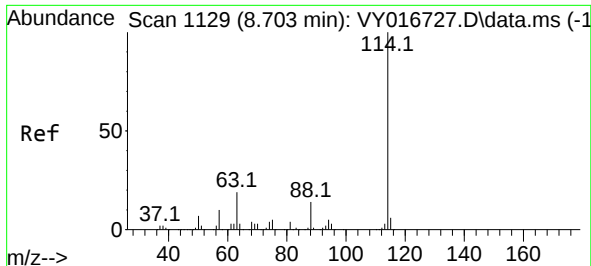
Tgt Ion:168 Resp: 109821
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.956 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Tgt Ion: 65 Resp: 54224
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

Instrument :

MSVOA_Y

ClientSampleId :

72-11978

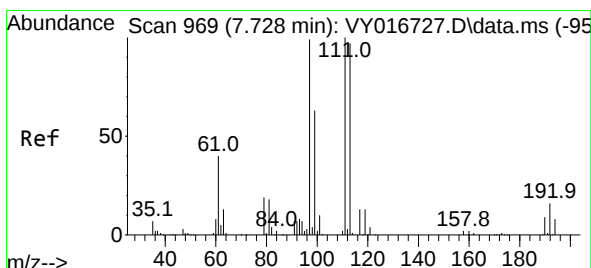
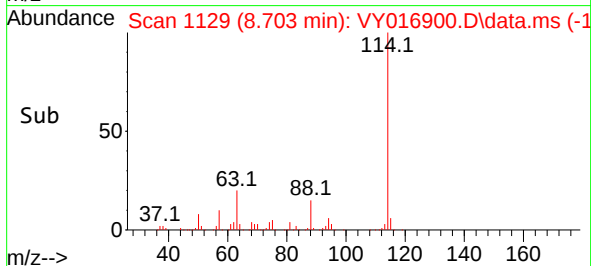
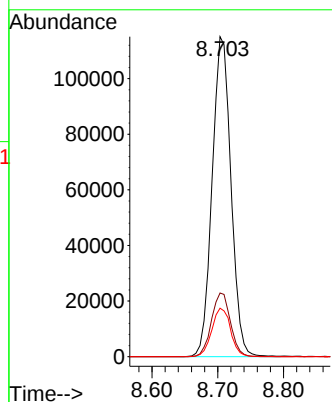
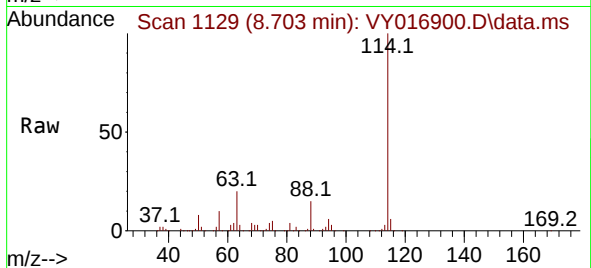
Tgt Ion:114 Resp: 229210

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 40.339 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016900.D

Acq: 02 Jan 2024 17:31

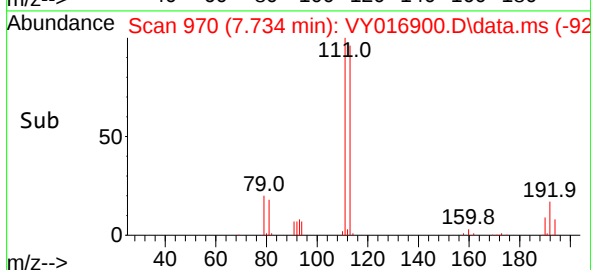
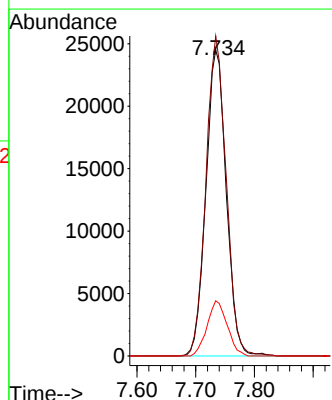
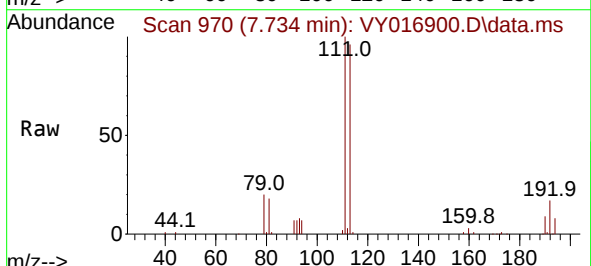
Tgt Ion:113 Resp: 58920

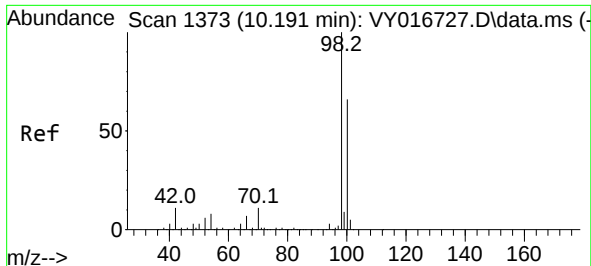
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 17.8 14.5 21.7

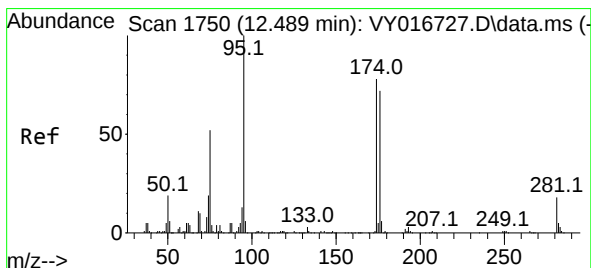
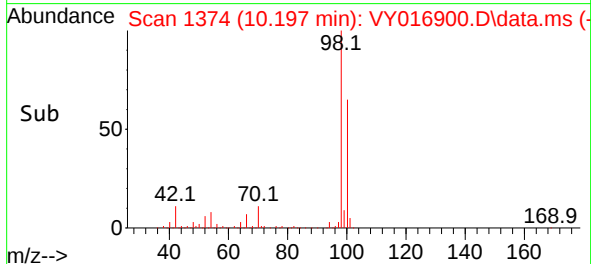
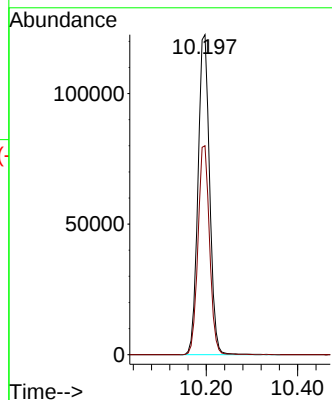
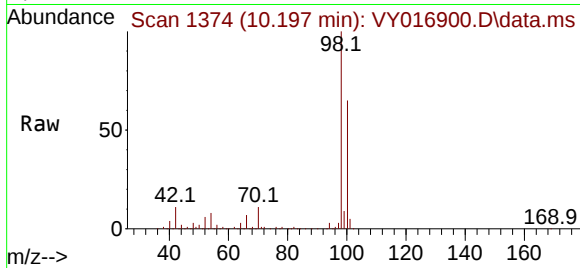




#50
Toluene-d8
Concen: 42.859 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

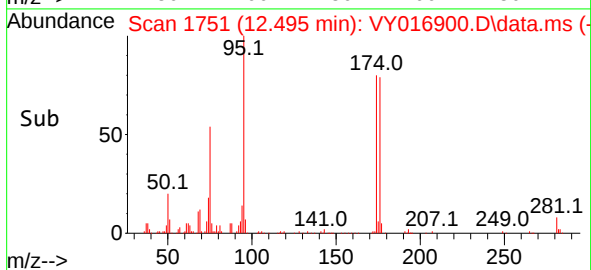
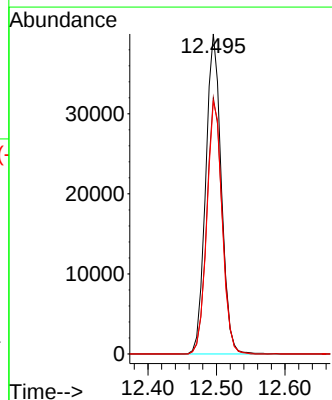
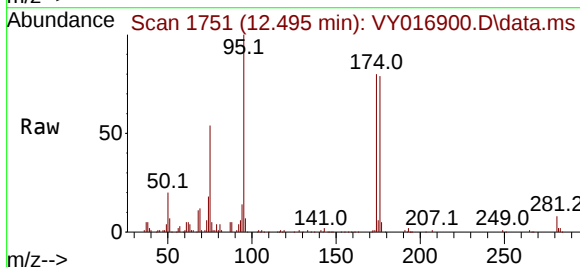
Instrument :
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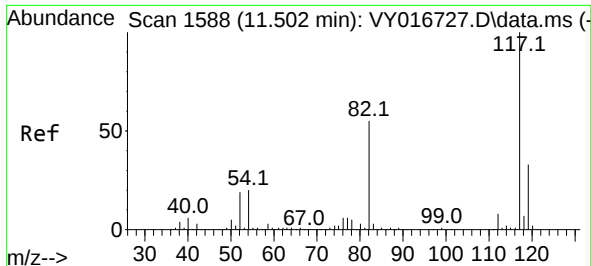
Tgt Ion: 98 Resp: 215567
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.140 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Tgt Ion: 95 Resp: 63025
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 77.5 0.0 151.8

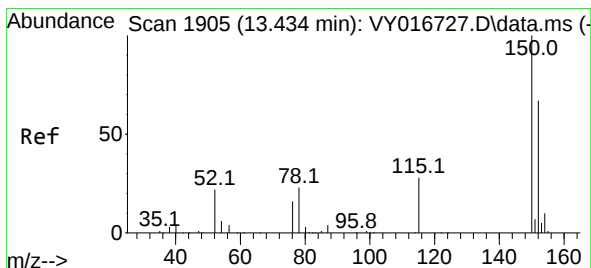
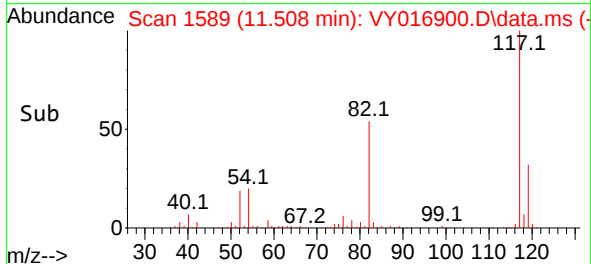
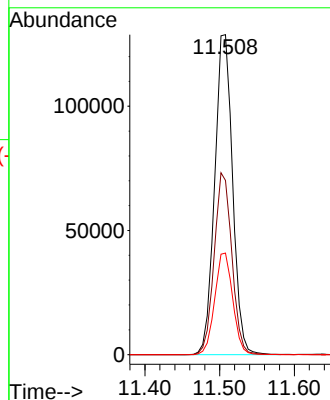
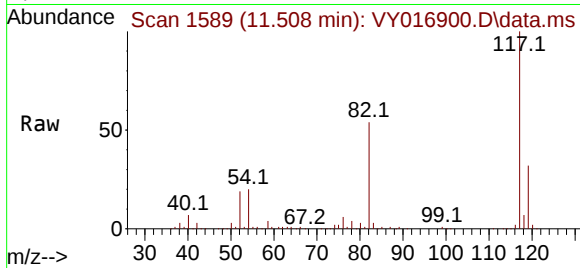




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Instrument :
MSVOA_Y
ClientSampleId :
72-11978

Tgt Ion:117 Resp: 214841
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016900.D
Acq: 02 Jan 2024 17:31

Tgt Ion:152 Resp: 72552
Ion Ratio Lower Upper
152 100
115 61.7 30.0 90.0
150 160.2 0.0 344.6

