

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011024\
 Data File : VY016976.D
 Acq On : 10 Jan 2024 16:24
 Operator : SY/MD
 Sample : P1100-03
 Misc : 3.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jan 11 00:14:25 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	7.801	168	105549	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	224569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	216471	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	78921	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	53656	51.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.860%
35) Dibromofluoromethane	7.728	113	54848	38.327	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.660%
50) Toluene-d8	10.191	98	198241	40.229	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	80.460%
62) 4-Bromofluorobenzene	12.495	95	63320	38.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.180%

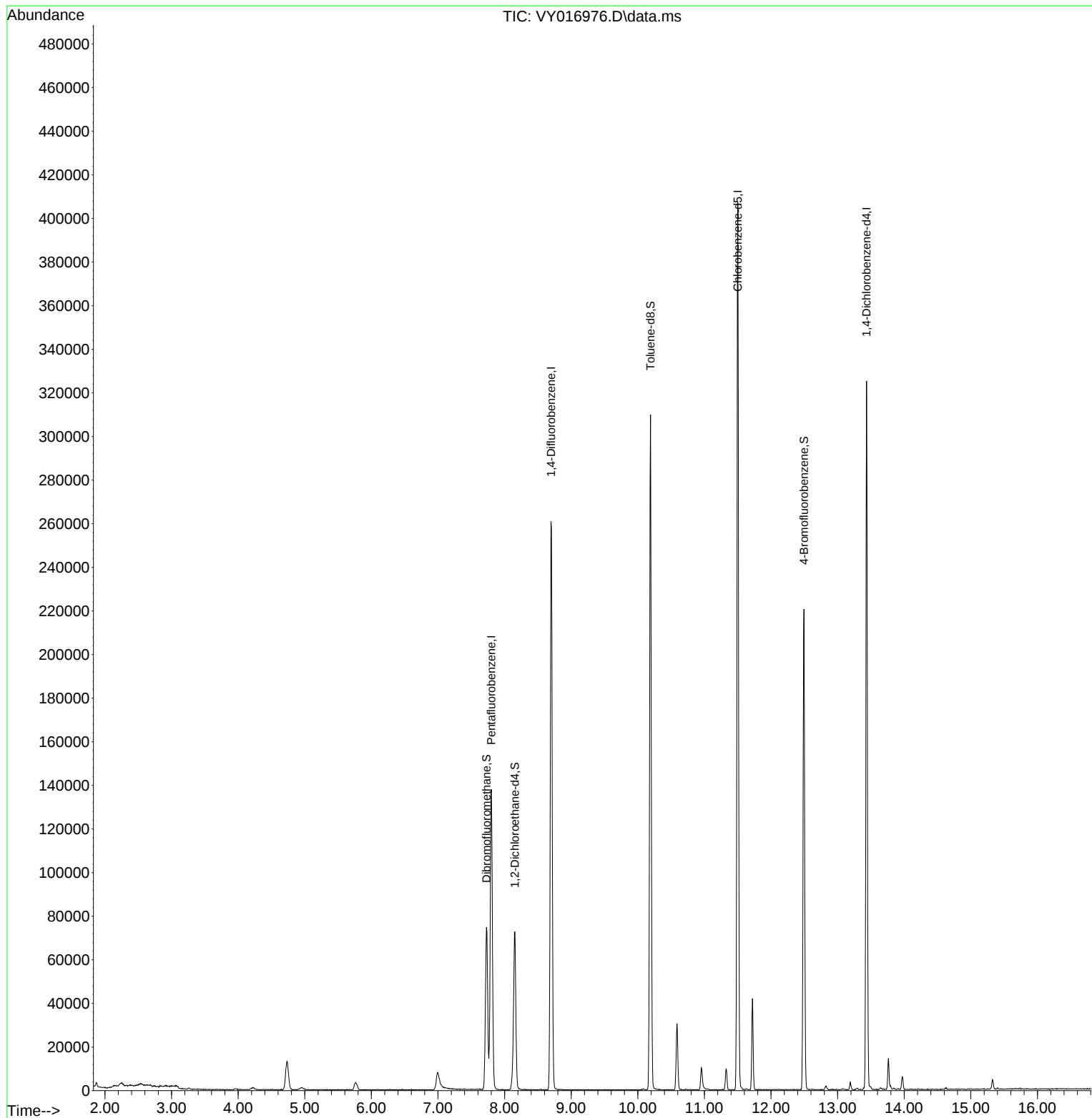
Target Compounds	Qvalue

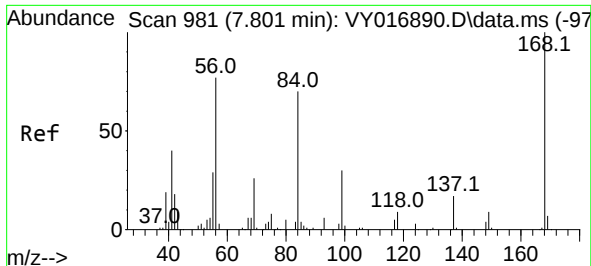
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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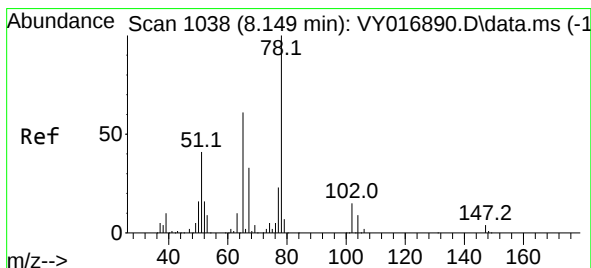
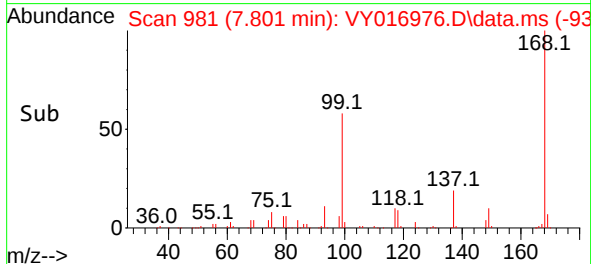
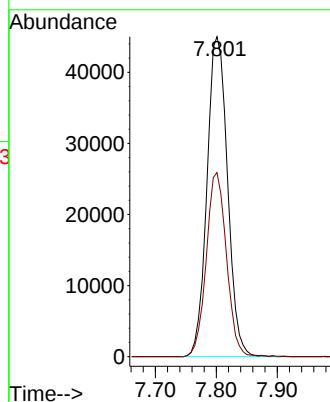
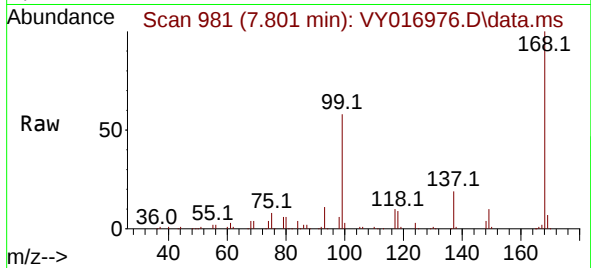




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

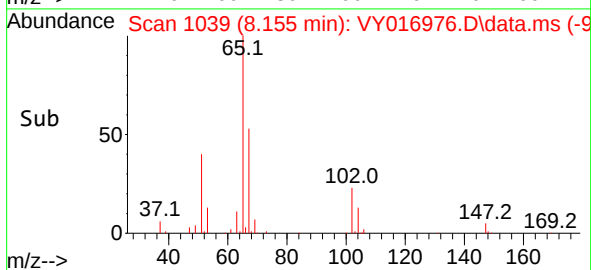
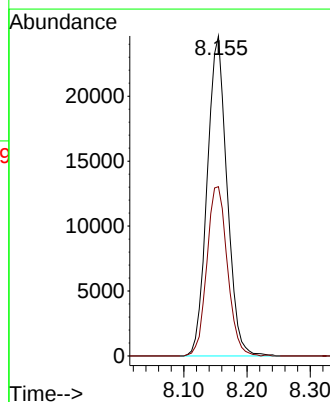
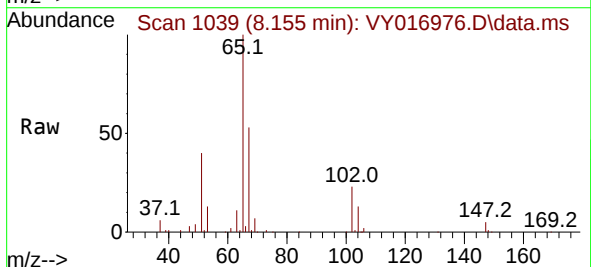
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:168 Resp: 105549
Ion Ratio Lower Upper
168 100
99 57.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.434 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion: 65 Resp: 53656
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016976.D

Acq: 10 Jan 2024 16:24

Instrument :

MSVOA_Y

ClientSampleId :

COMP-3

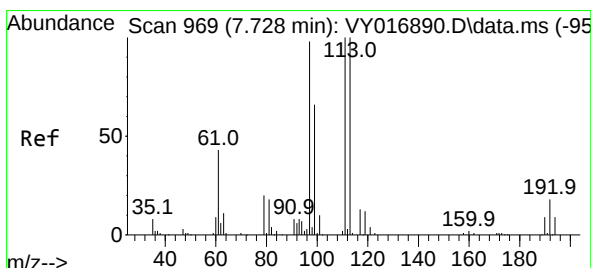
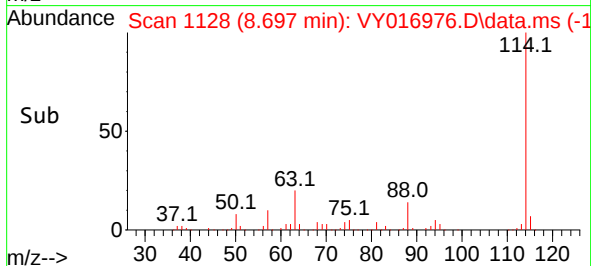
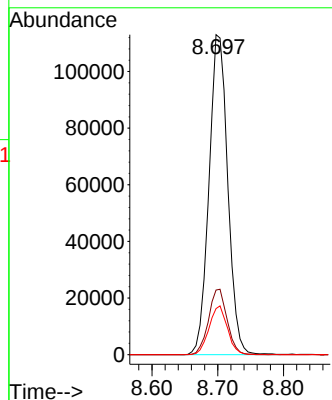
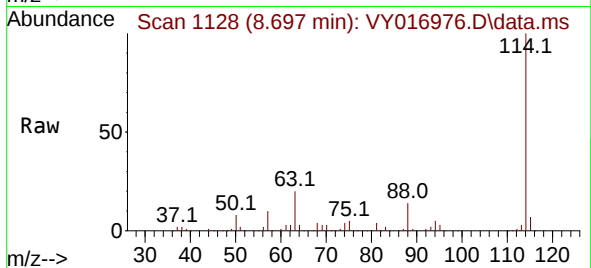
Tgt Ion:114 Resp: 224569

Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.327 ug/l

RT: 7.728 min Scan# 969

Delta R.T. 0.000 min

Lab File: VY016976.D

Acq: 10 Jan 2024 16:24

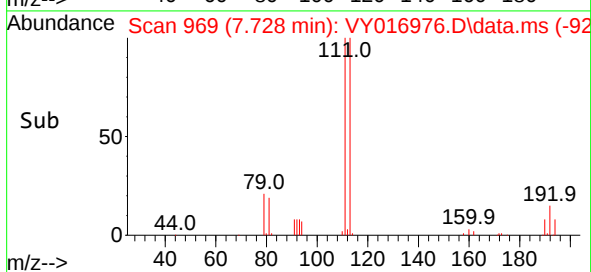
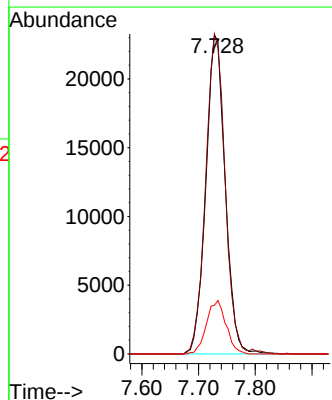
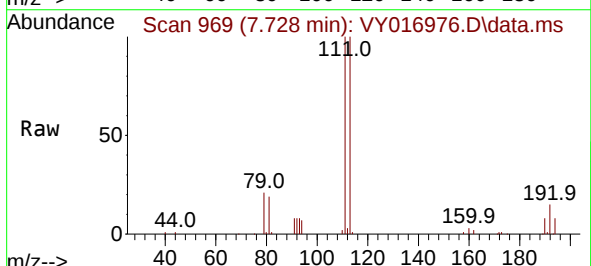
Tgt Ion:113 Resp: 54848

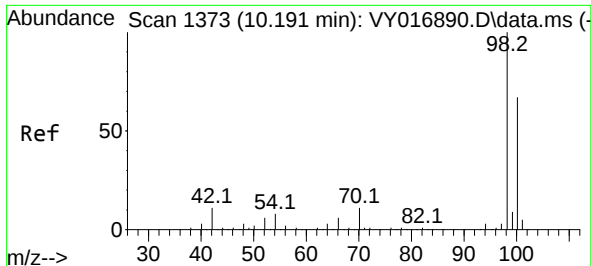
Ion Ratio Lower Upper

113 100

111 100.8 83.8 125.6

192 17.1 14.5 21.7

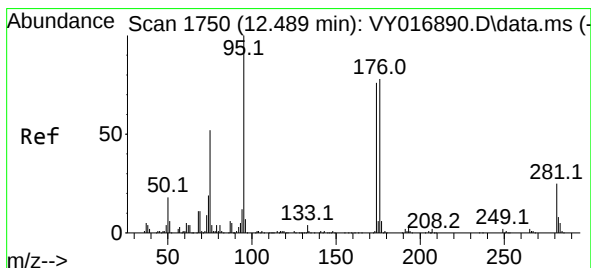
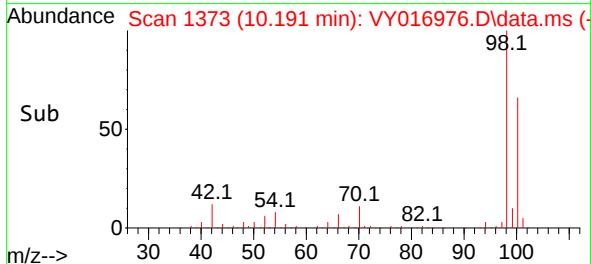
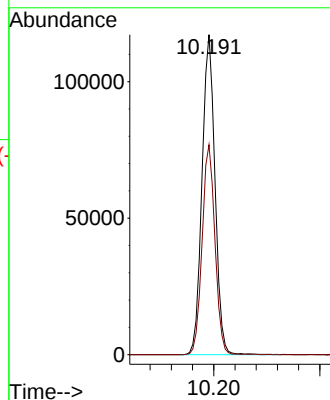
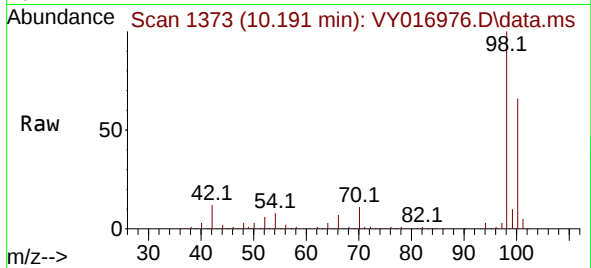




#50
Toluene-d8
Concen: 40.229 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

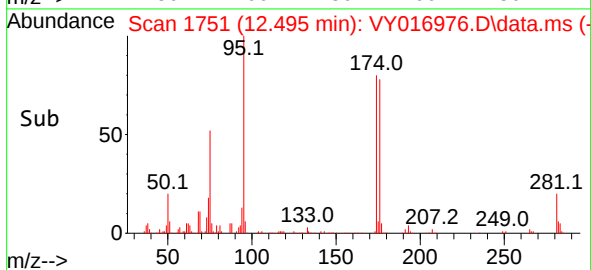
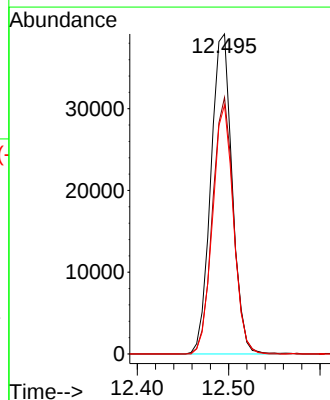
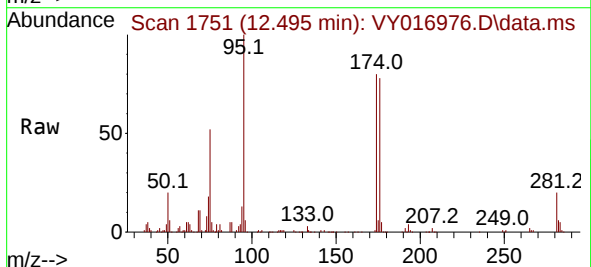
Instrument :
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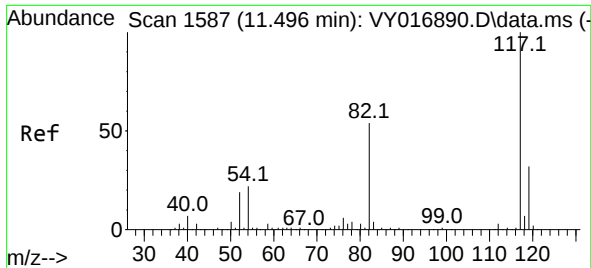
Tgt Ion: 98 Resp: 198241
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 38.085 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion: 95 Resp: 63320
Ion Ratio Lower Upper
95 100
174 79.0 0.0 160.0
176 75.9 0.0 151.8

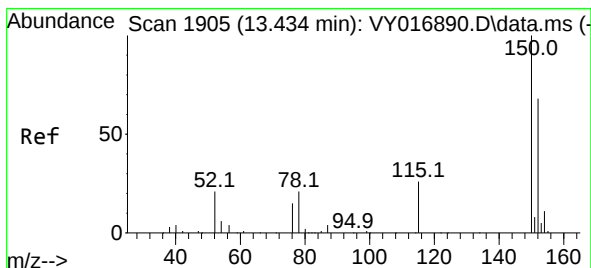
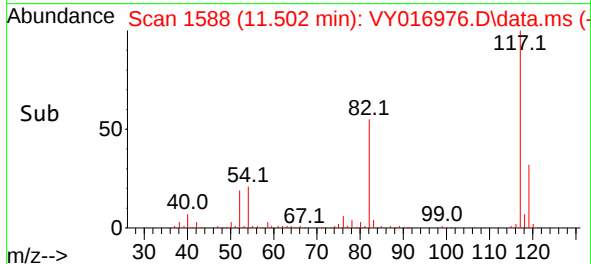
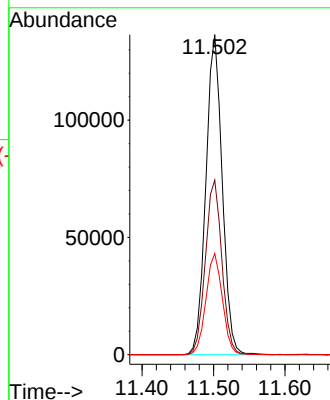
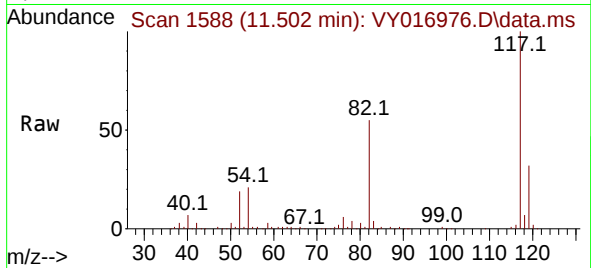




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

Tgt Ion:117 Resp: 216471
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 31.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.000 min
Lab File: VY016976.D
Acq: 10 Jan 2024 16:24

Tgt Ion:152 Resp: 78921
Ion Ratio Lower Upper
152 100
115 58.7 30.0 90.0
150 157.6 0.0 344.6

