

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016955.D
 Acq On : 09 Jan 2024 17:44
 Operator : SY/MD
 Sample : P1073-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 69-2-TPRE

Quant Time: Jan 10 02:30:28 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	10004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	15295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	11479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	2538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	3319	33.567	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	67.140%
35) Dibromofluoromethane	7.734	113	3682	37.778	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.560%
50) Toluene-d8	10.197	98	12800	38.138	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	76.280%
62) 4-Bromofluorobenzene	12.495	95	2690	23.756	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.520%

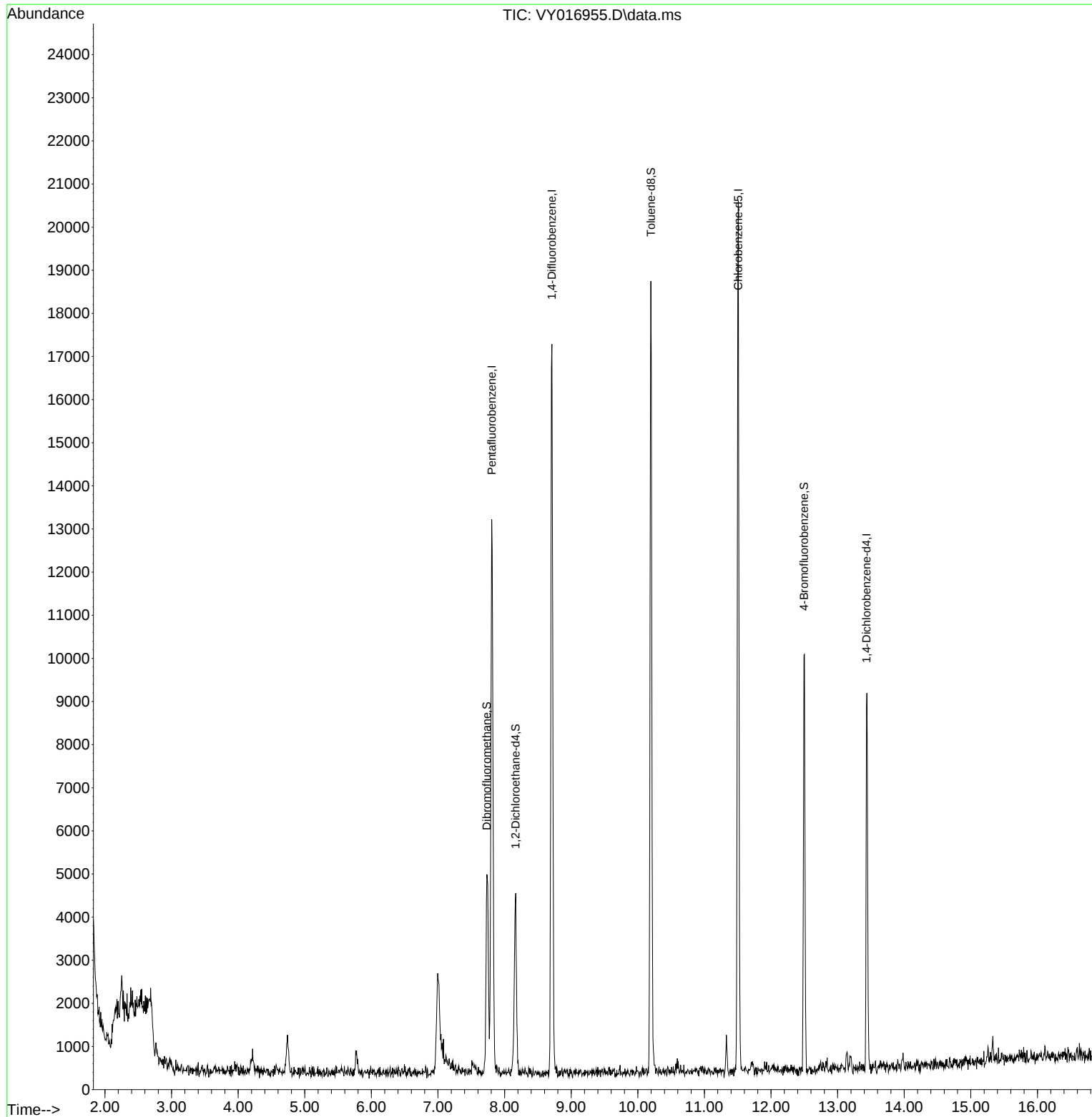
Target Compounds	Qvalue

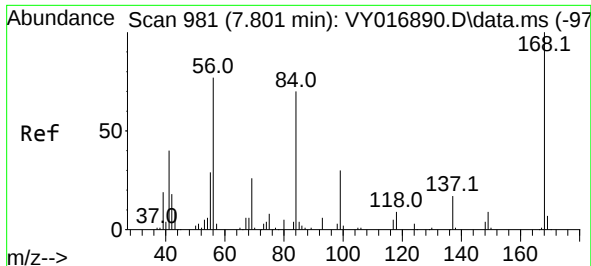
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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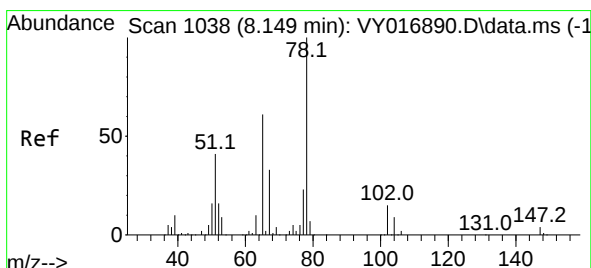
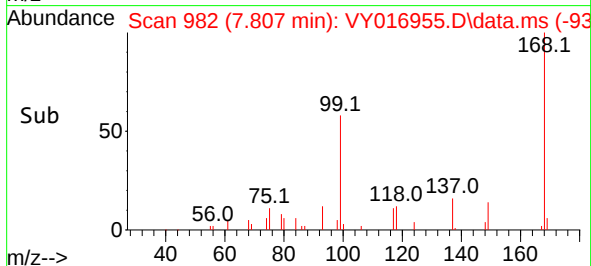
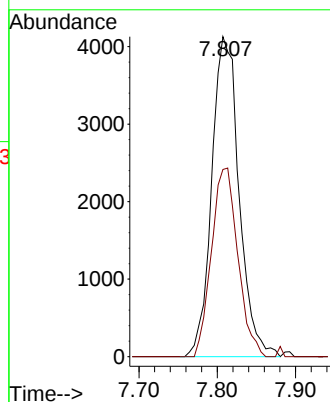
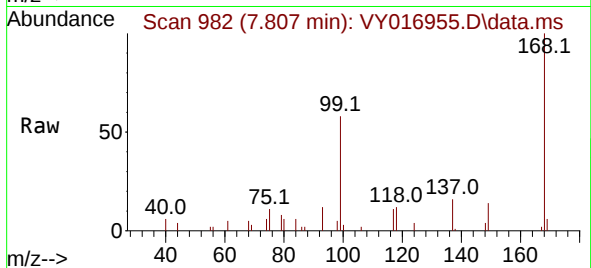




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

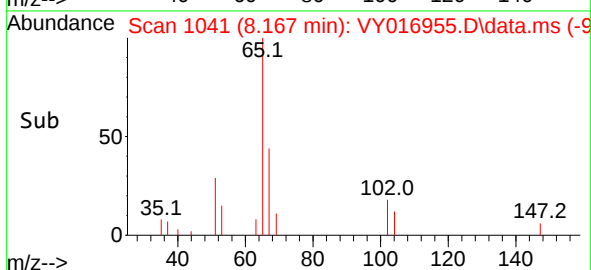
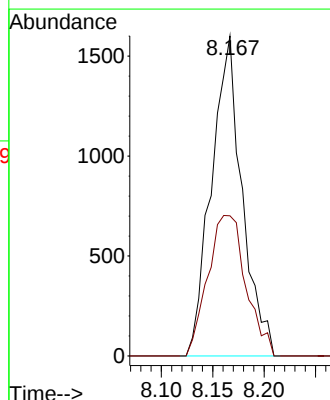
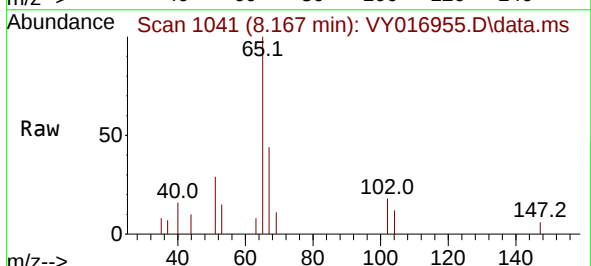
Instrument :
MSVOA_Y
ClientSampleId :
69-2-TPRE

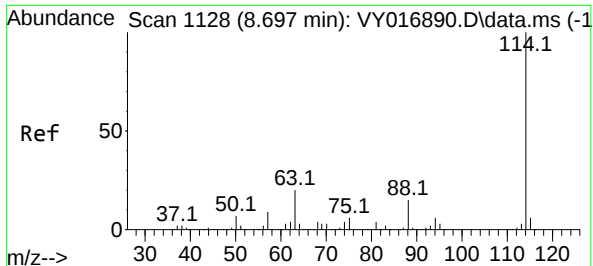
Tgt Ion:168 Resp: 10004
Ion Ratio Lower Upper
168 100
99 58.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 33.567 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Tgt Ion: 65 Resp: 3319
Ion Ratio Lower Upper
65 100
67 54.7 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY016955.D

Acq: 09 Jan 2024 17:44

Instrument :

MSVOA_Y

ClientSampleId :

69-2-TPRE

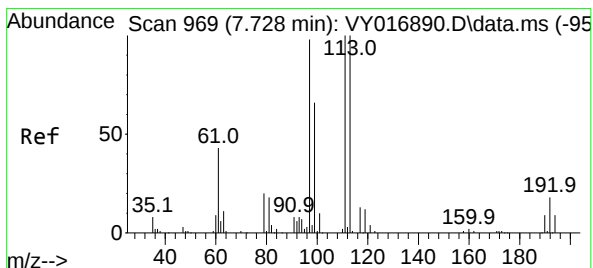
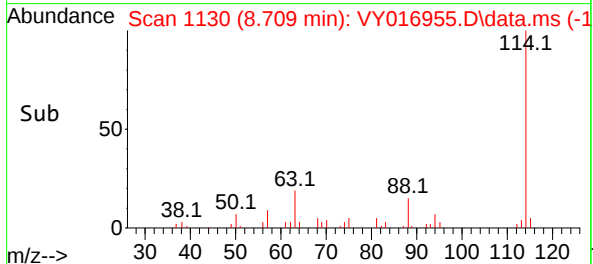
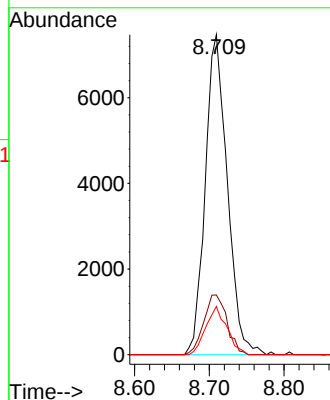
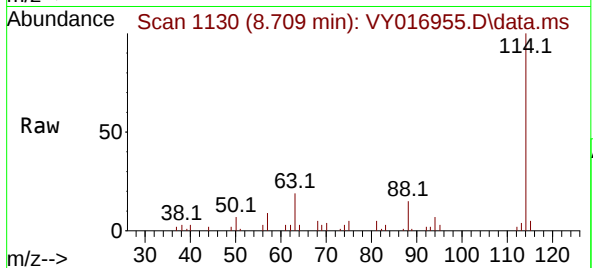
Tgt Ion:114 Resp: 15295

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.778 ug/l

RT: 7.734 min Scan# 970

Delta R.T. 0.006 min

Lab File: VY016955.D

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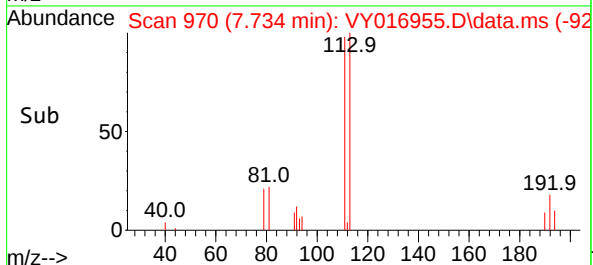
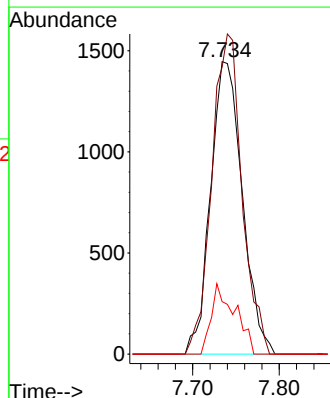
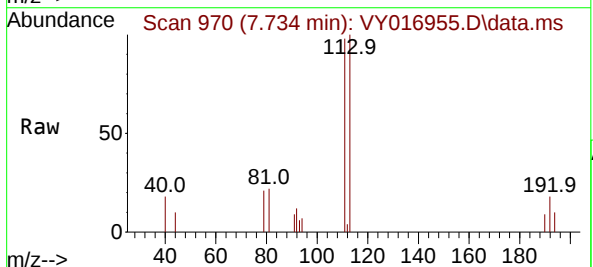
Tgt Ion:113 Resp: 3682

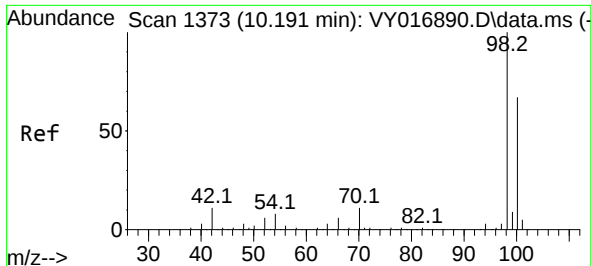
Ion Ratio Lower Upper

113 100

111 104.0 83.8 125.6

192 18.0 14.5 21.7

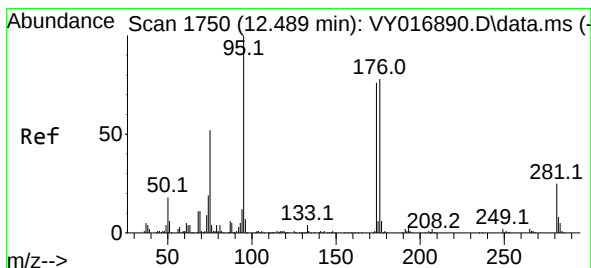
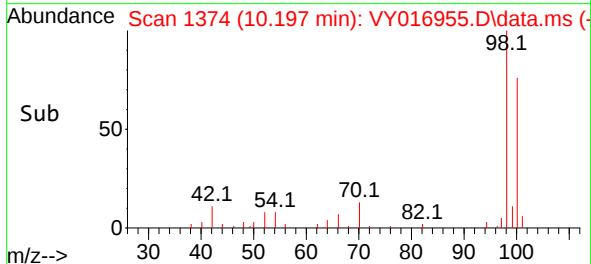
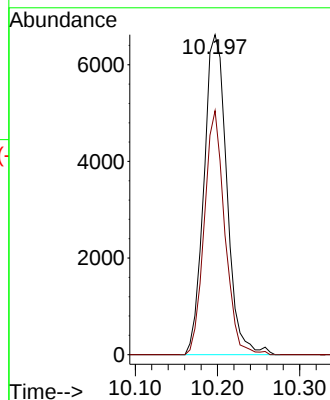
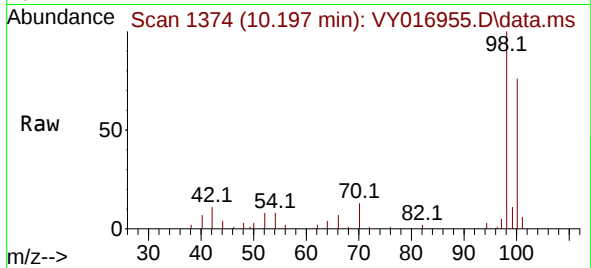




#50
Toluene-d8
Concen: 38.138 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

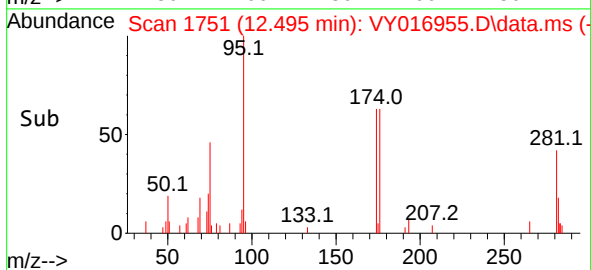
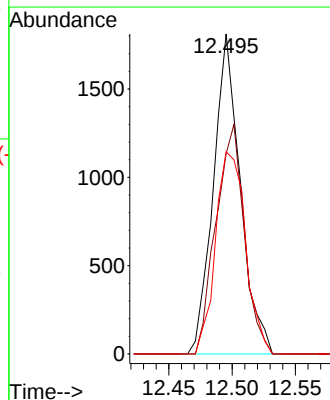
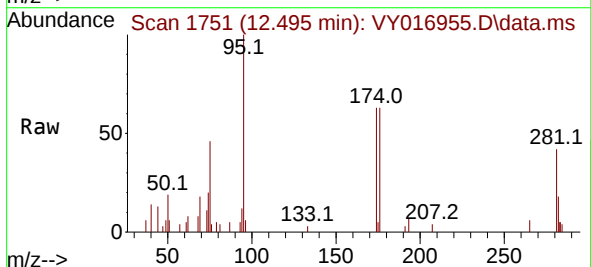
Instrument :
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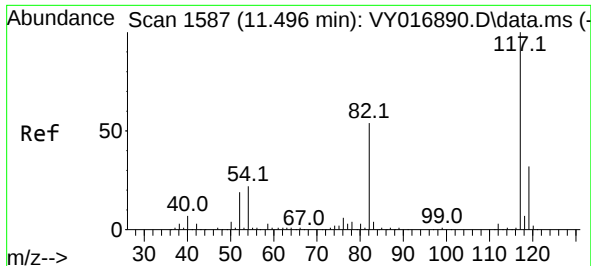
Tgt Ion: 98 Resp: 12800
Ion Ratio Lower Upper
98 100
100 68.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 23.756 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Tgt Ion: 95 Resp: 2690
Ion Ratio Lower Upper
95 100
174 74.9 0.0 160.0
176 70.3 0.0 151.8

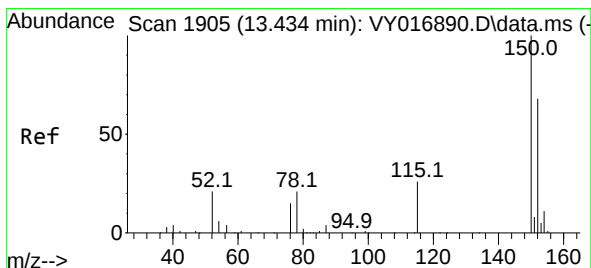
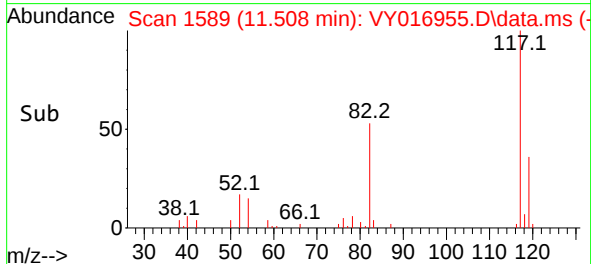
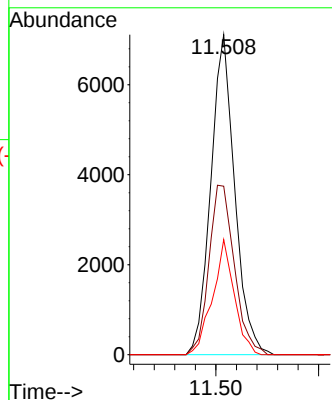
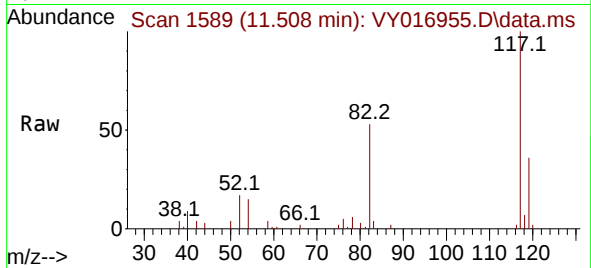




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016955.D
Acq: 09 Jan 2024 17:44

Instrument :
MSVOA_Y
ClientSampleId :
69-2-TPRE

Tgt Ion:117 Resp: 11479
Ion Ratio Lower Upper
117 100
82 52.6 43.8 65.8
119 36.0 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: VY016955.D
Acq: 09 Jan 2024 17:44

Tgt Ion:152 Resp: 2538
Ion Ratio Lower Upper
152 100
115 57.4 30.0 90.0
150 160.8 0.0 344.6

