

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016945.D
 Acq On : 09 Jan 2024 13:50
 Operator : SY/MD
 Sample : P1073-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 69-2-TP

Quant Time: Jan 10 02:26:14 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	7.813	168	15591	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.710	114	25934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	20289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	5690	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	5817	37.749	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.500%
35) Dibromofluoromethane	7.746	113	6371	38.551	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.100%
50) Toluene-d8	10.197	98	22639	39.782	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.560%
62) 4-Bromofluorobenzene	12.502	95	5095	26.536	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	53.080%

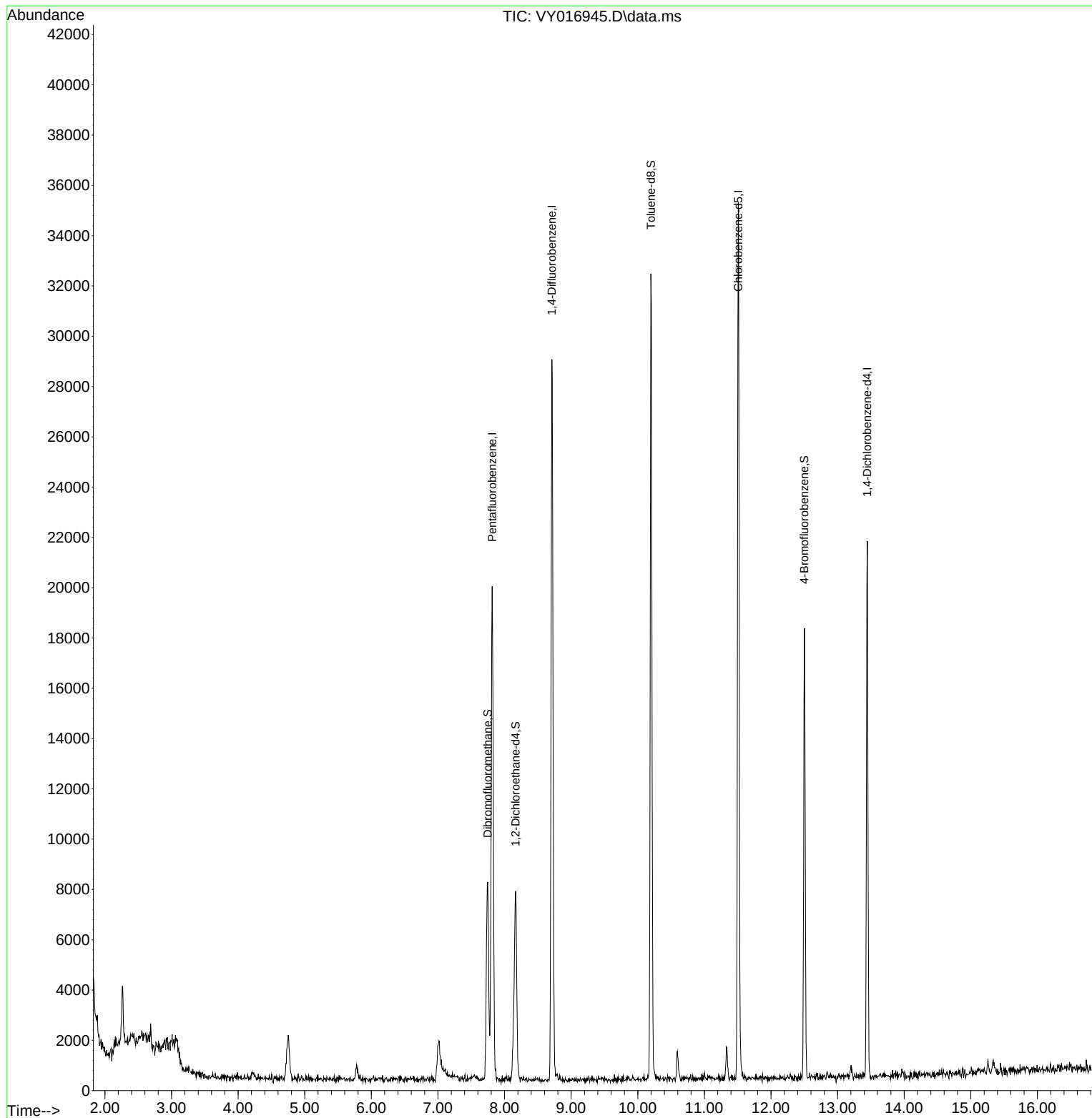
Target Compounds	Qvalue

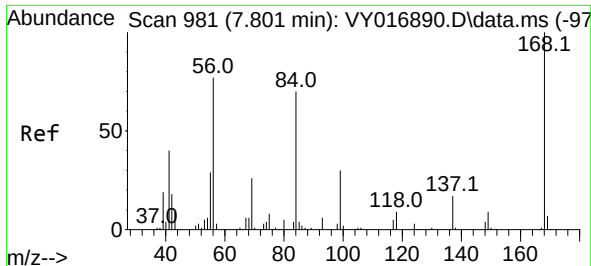
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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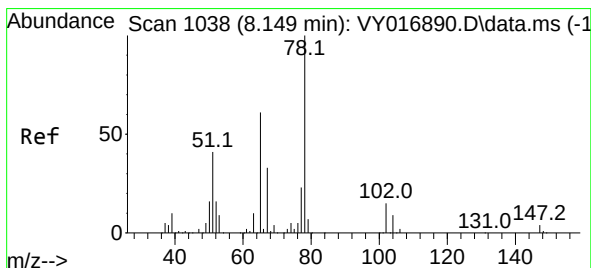
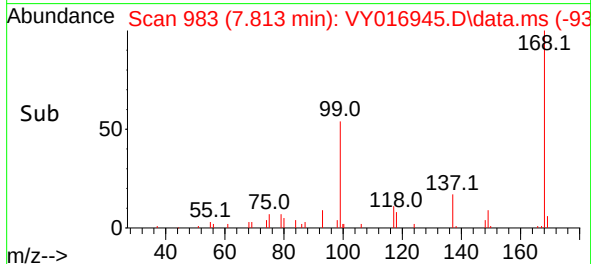
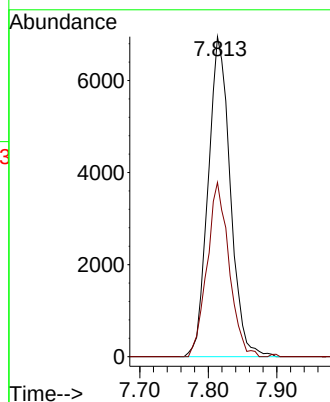
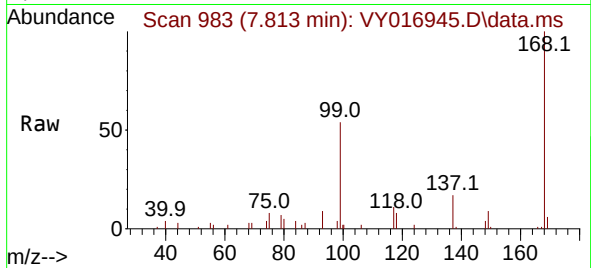




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

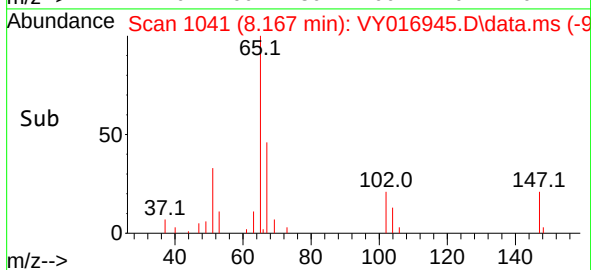
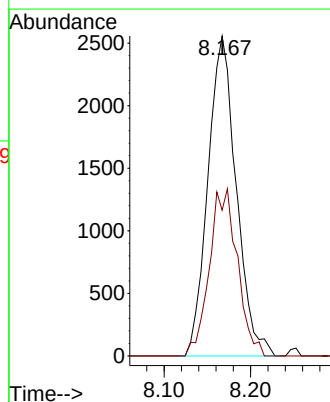
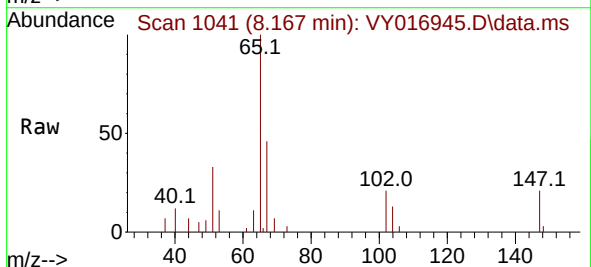
Instrument :
MSVOA_Y
ClientSampleId :
69-2-TP

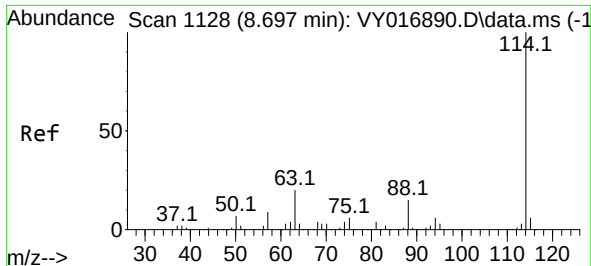
Tgt Ion:168 Resp: 15591
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 37.749 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.012 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Tgt Ion: 65 Resp: 5817
Ion Ratio Lower Upper
65 100
67 51.6 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016945.D

Acq: 09 Jan 2024 13:50

Instrument :

MSVOA_Y

ClientSampleId :

69-2-TP

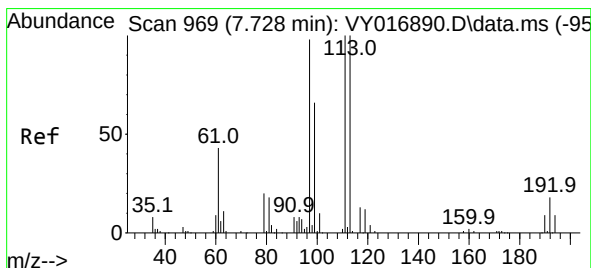
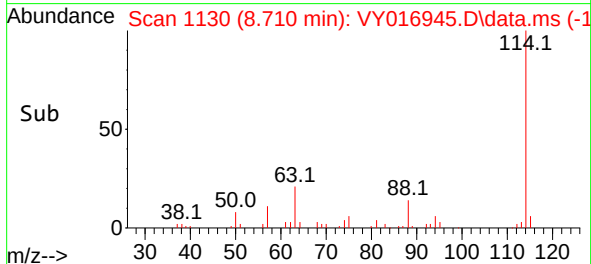
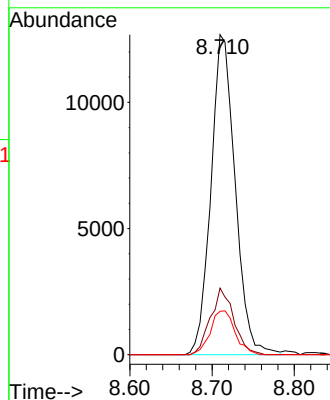
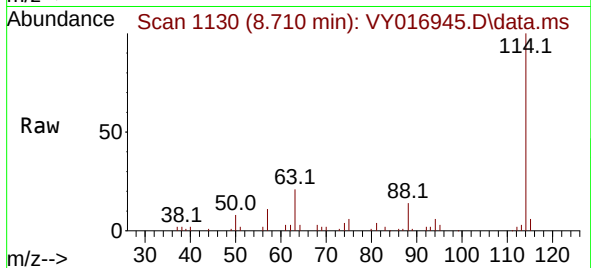
Tgt Ion:114 Resp: 25934

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

88 13.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.551 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016945.D

Acq: 09 Jan 2024 13:50

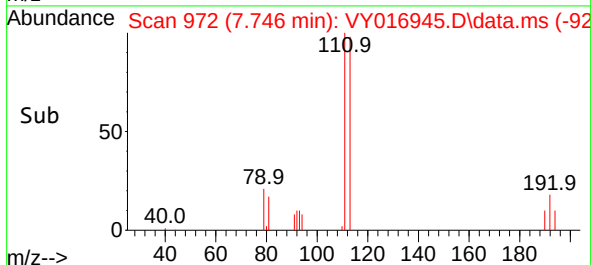
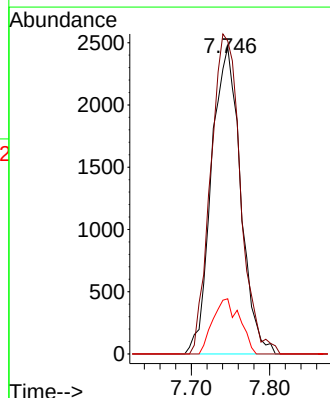
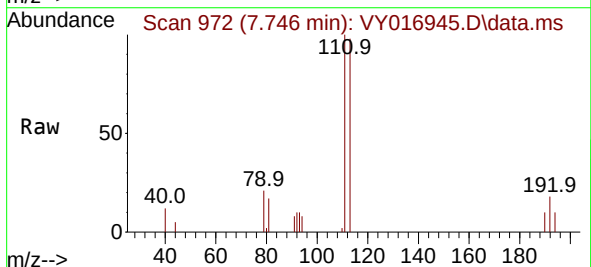
Tgt Ion:113 Resp: 6371

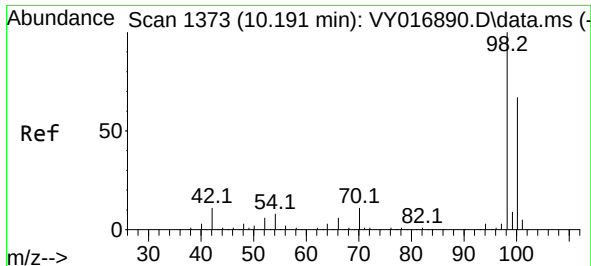
Ion Ratio Lower Upper

113 100

111 106.5 83.8 125.6

192 16.6 14.5 21.7

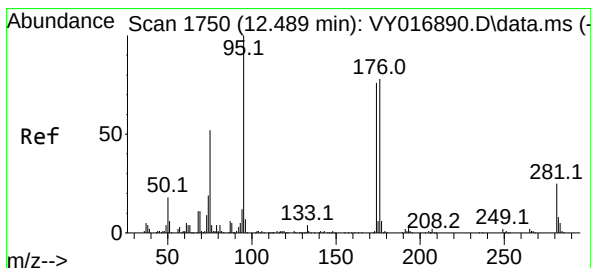
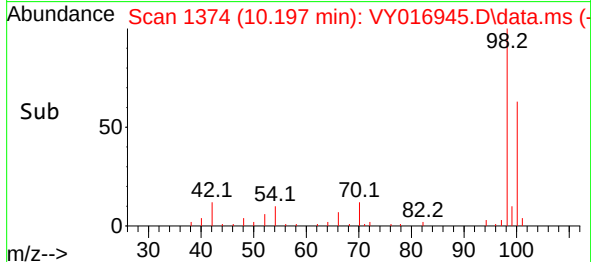
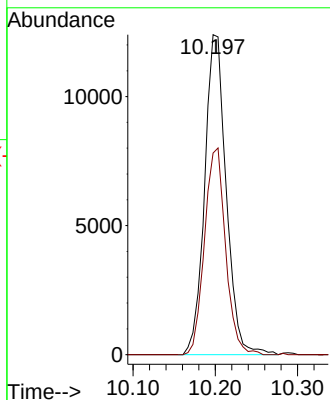
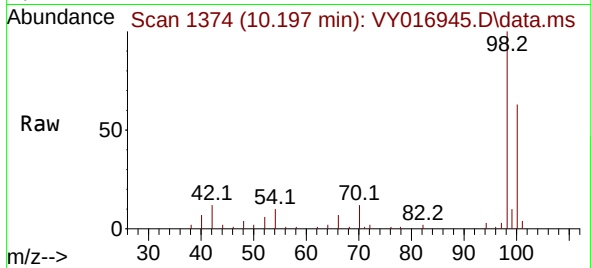




#50
Toluene-d8
Concen: 39.782 ug/l
RT: 10.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

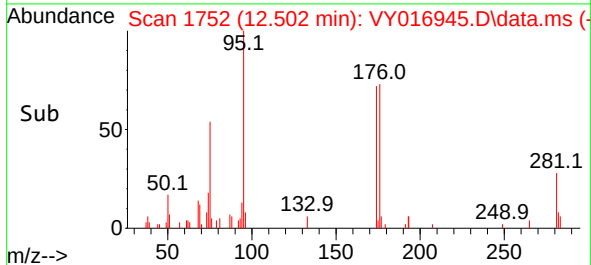
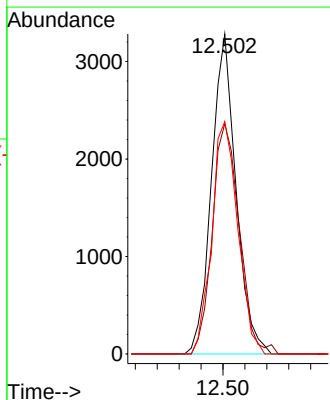
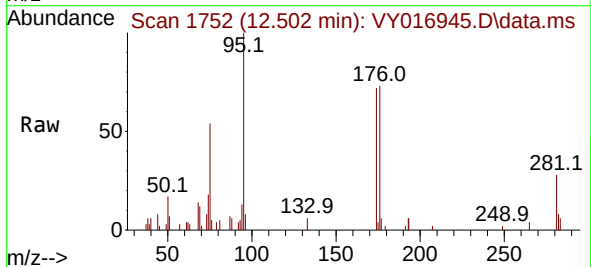
Instrument :
MSVOA_Y
ClientSampleId :
69-2-TP

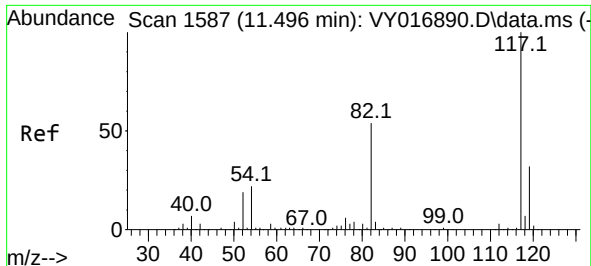
Tgt Ion: 98 Resp: 22639
Ion Ratio Lower Upper
98 100
100 63.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 26.536 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Tgt Ion: 95 Resp: 5095
Ion Ratio Lower Upper
95 100
174 79.2 0.0 160.0
176 76.9 0.0 151.8

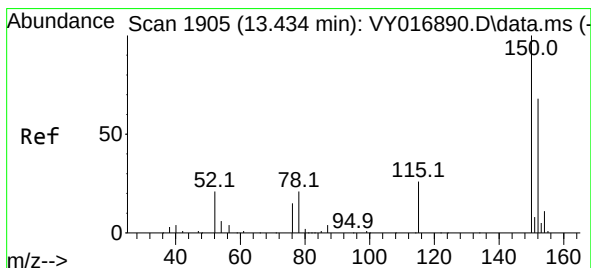
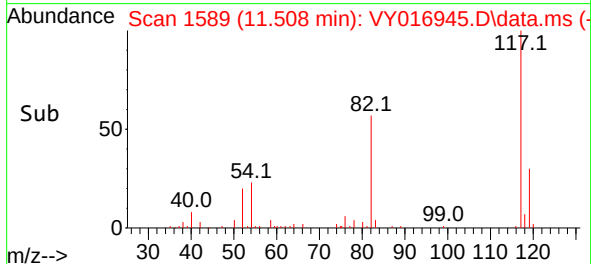
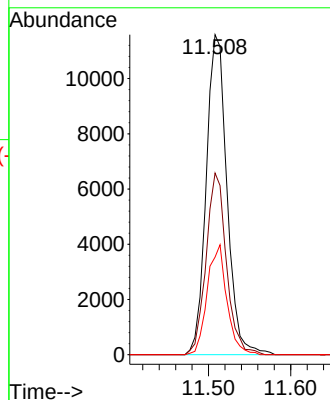
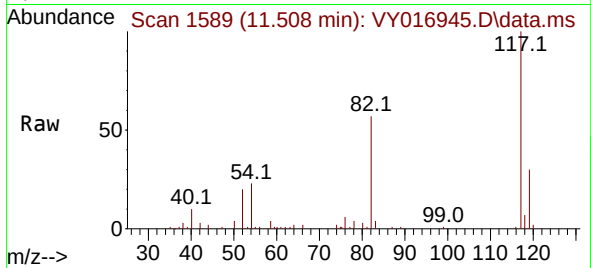




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016945.D
Acq: 09 Jan 2024 13:50

Instrument :
MSVOA_Y
ClientSampleId :
69-2-TP

Tgt Ion:	117	Resp:	20289
Ion Ratio	Lower	Upper	
117	100		
82	56.7	43.8	65.8
119	30.5	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: VY016945.D
Acq: 09 Jan 2024 13:50

Tgt Ion:	152	Resp:	5690
Ion Ratio	Lower	Upper	
152	100		
115	58.2	30.0	90.0
150	155.2	0.0	344.6

