

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121923\
 Data File : VY016716.D
 Acq On : 20 Dec 2023 00:21
 Operator : SY/MD
 Sample : 05827-07
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RT-SB-09-13.75-14.75

Quant Time: Dec 20 06:43:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y121923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 20 05:26:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	86009	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	155336	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	153152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	62654	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	50267	70.658	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.320%
35) Dibromofluoromethane	7.746	113	54258	59.307	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	118.620%
50) Toluene-d8	10.203	98	189189	57.100	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	114.200%
62) 4-Bromofluorobenzene	12.502	95	51051	54.190	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	108.380%

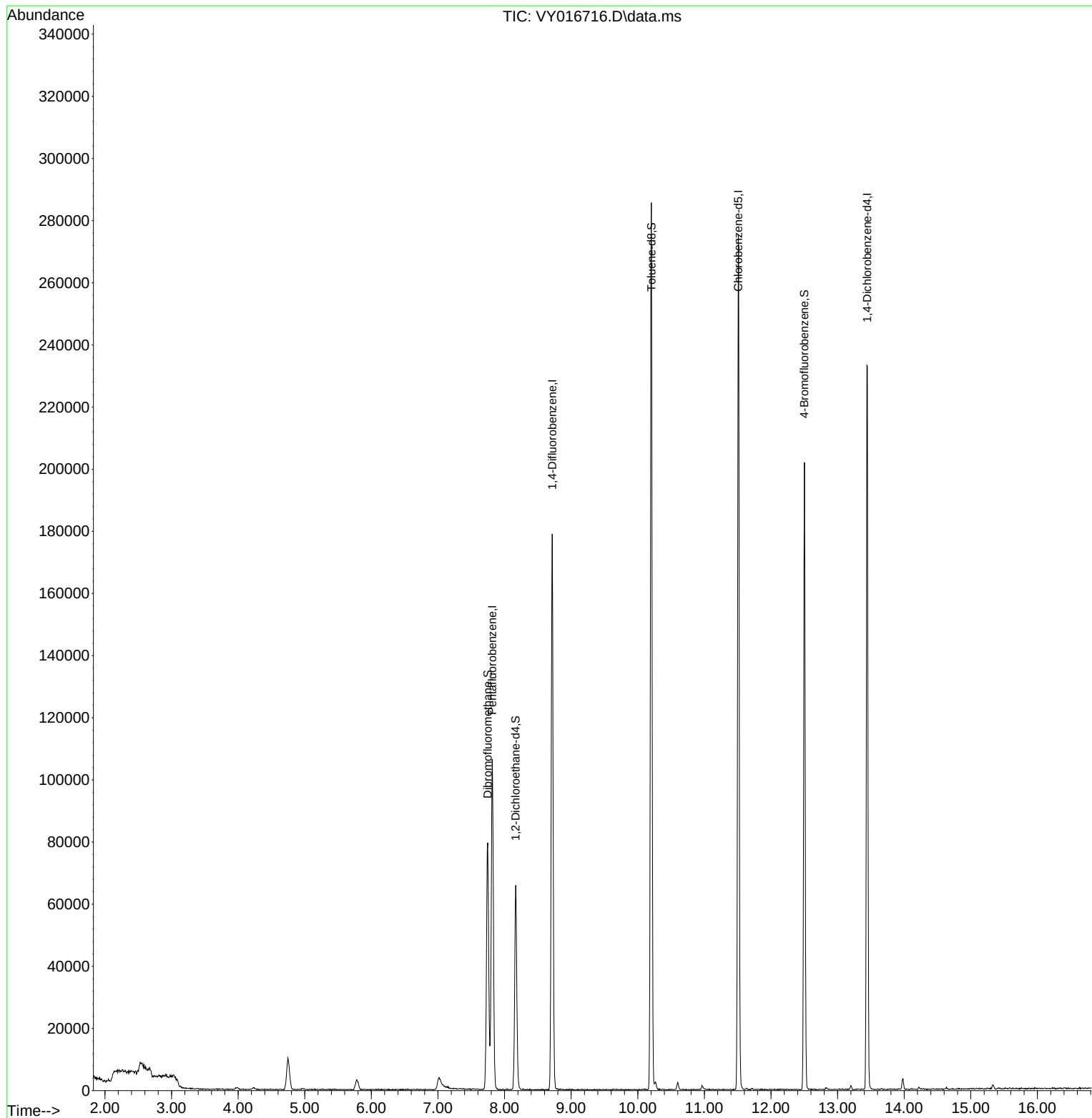
Target Compounds	Qvalue

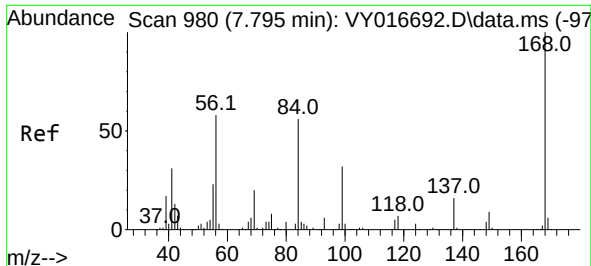
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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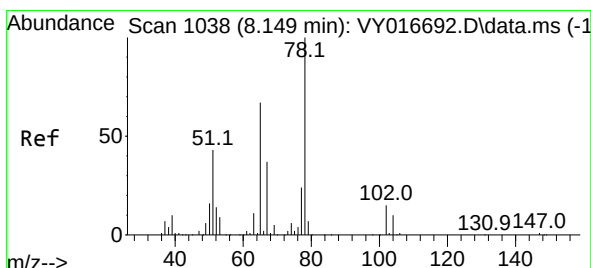
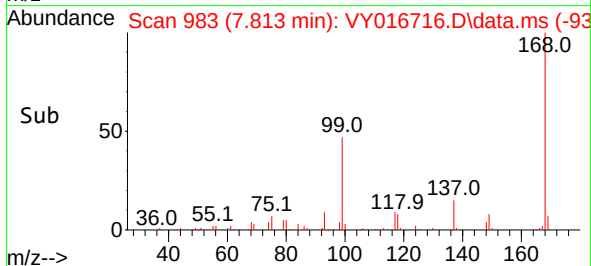
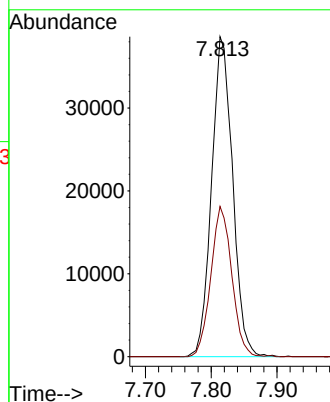
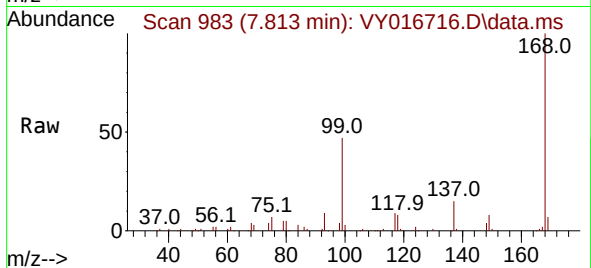




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

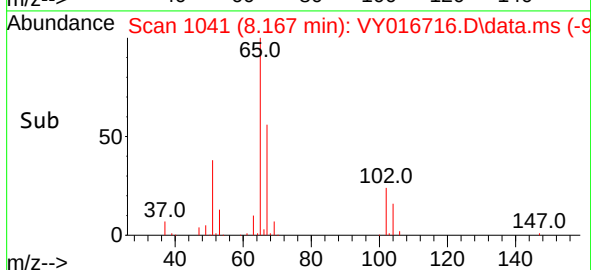
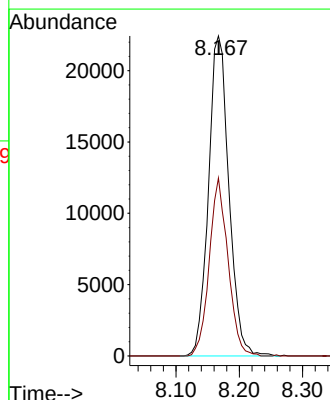
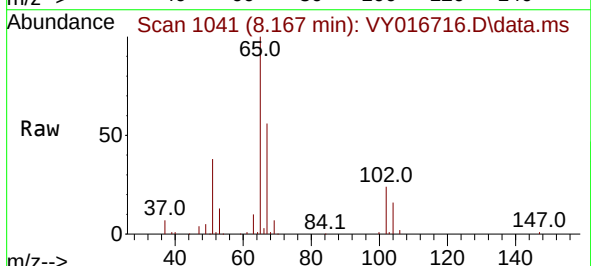
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-09-13.75-14.75

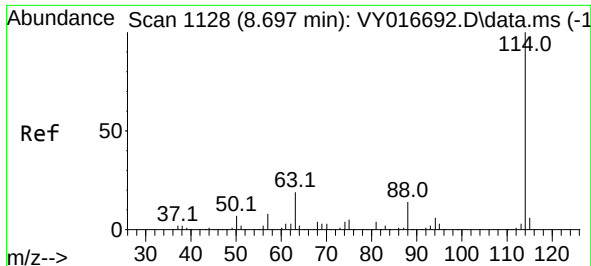
Tgt Ion:168 Resp: 86009
Ion Ratio Lower Upper
168 100
99 47.0 40.2 60.4



#33
1,2-Dichloroethane-d4
Concen: 70.658 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Tgt Ion: 65 Resp: 50267
Ion Ratio Lower Upper
65 100
67 51.1 0.0 108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.018 min

Lab File: VY016716.D

Acq: 20 Dec 2023 00:21

Instrument :

MSVOA_Y

ClientSampleId :

RT-SB-09-13.75-14.75

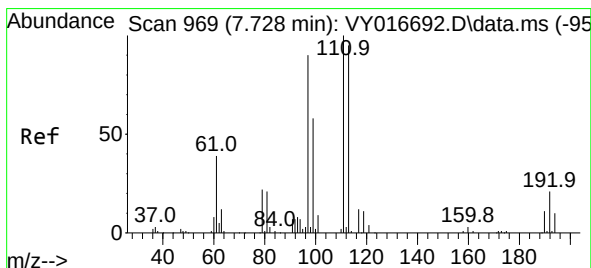
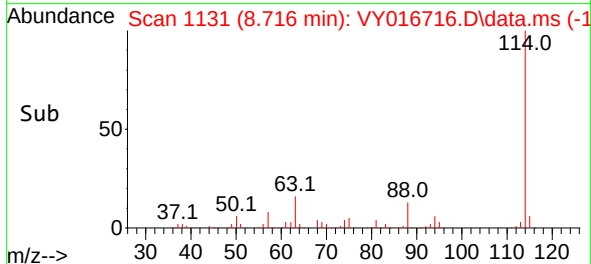
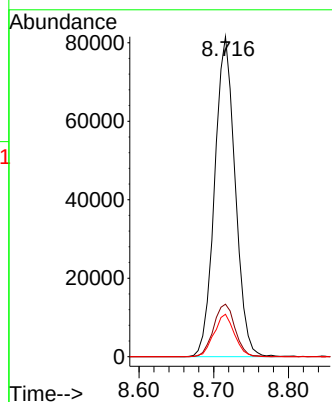
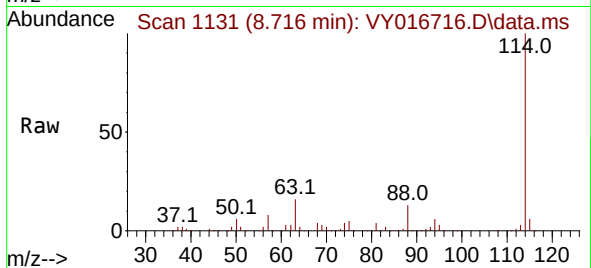
Tgt Ion:114 Resp: 155336

Ion Ratio Lower Upper

114 100

63 16.4 0.0 34.0

88 13.3 0.0 29.2



#35

Dibromofluoromethane

Concen: 59.307 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY016716.D

Acq: 20 Dec 2023 00:21

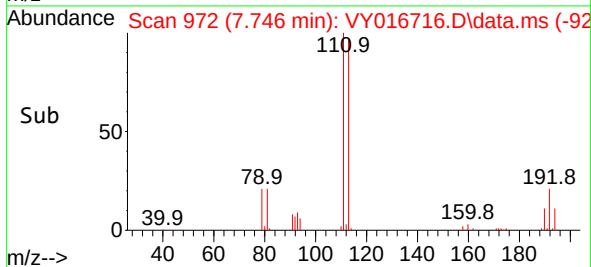
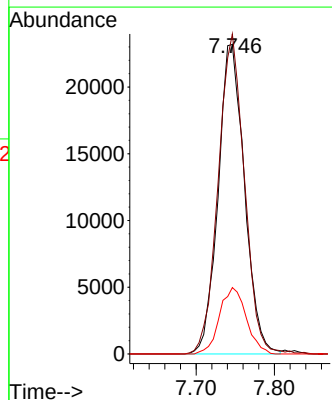
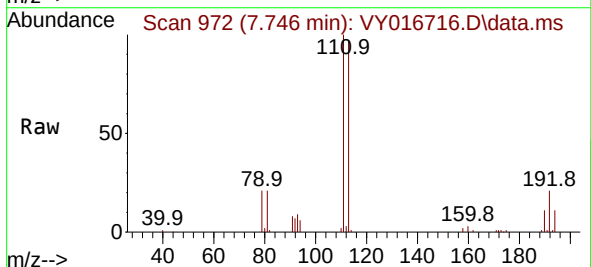
Tgt Ion:113 Resp: 54258

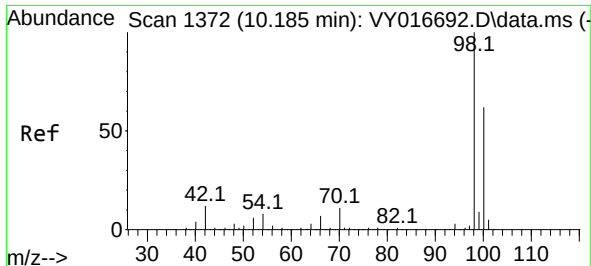
Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

192 21.7 16.2 24.4

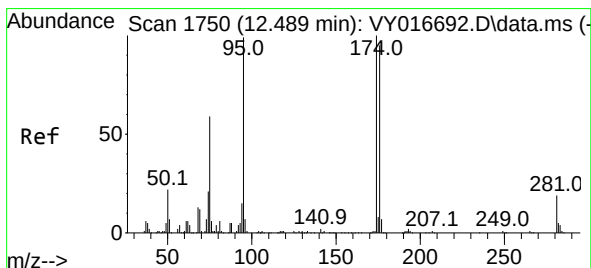
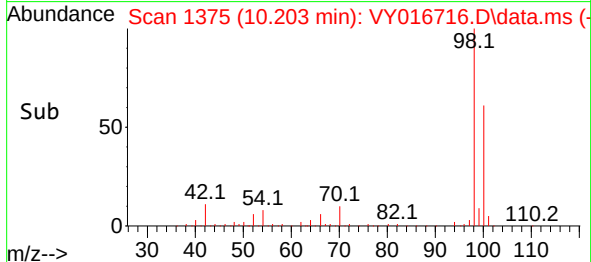
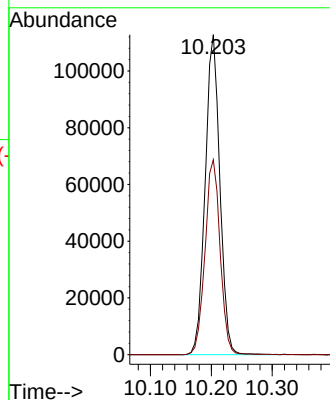
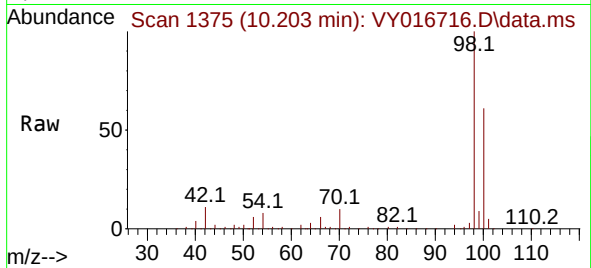




#50
Toluene-d8
Concen: 57.100 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

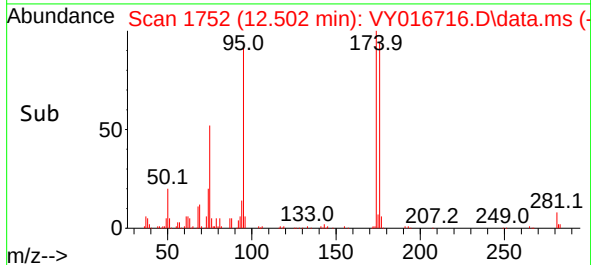
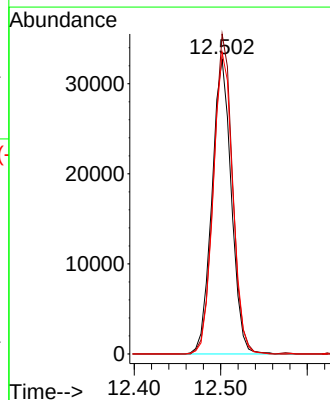
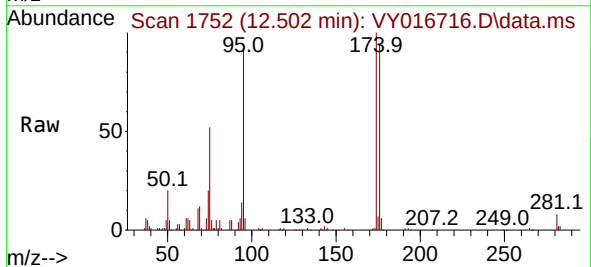
Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-09-13.75-14.75

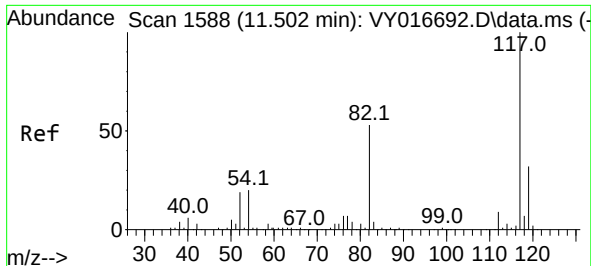
Tgt Ion: 98 Resp: 189189
Ion Ratio Lower Upper
98 100
100 62.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 54.190 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Tgt Ion: 95 Resp: 51051
Ion Ratio Lower Upper
95 100
174 106.2 0.0 181.0
176 102.5 0.0 176.6

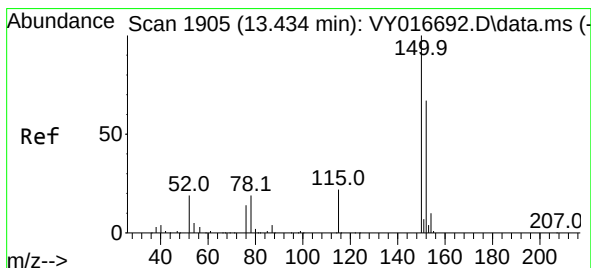
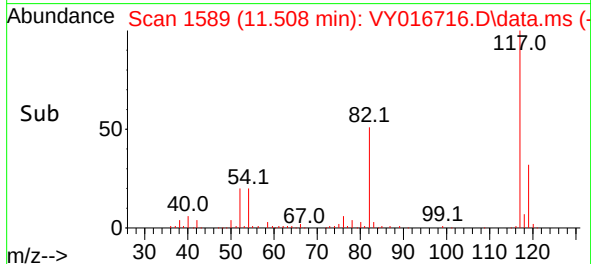
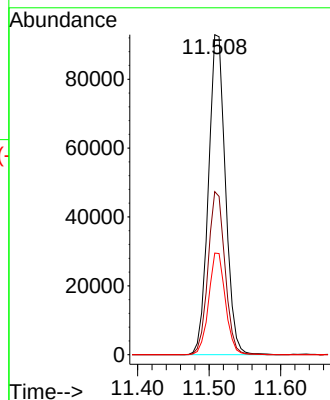
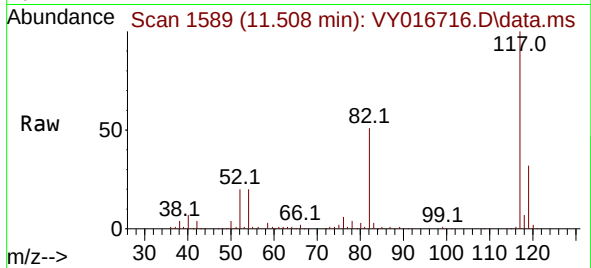




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Instrument :
MSVOA_Y
ClientSampleId :
RT-SB-09-13.75-14.75

Tgt Ion:117 Resp: 153152
Ion Ratio Lower Upper
117 100
82 50.9 41.0 61.6
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.012 min
Lab File: VY016716.D
Acq: 20 Dec 2023 00:21

Tgt Ion:152 Resp: 62654
Ion Ratio Lower Upper
152 100
115 52.1 28.2 84.7
150 154.8 0.0 350.6

