

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016559.D
 Acq On : 01 Dec 2023 14:09
 Operator : SY/MD
 Sample : 05595-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-113023

Quant Time: Dec 01 23:37:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	103226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.716	114	180343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177167	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	84710	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	55726	68.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.660%
35) Dibromofluoromethane	7.746	113	55692	52.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.240%
50) Toluene-d8	10.203	98	208905	50.887	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.780%
62) 4-Bromofluorobenzene	12.496	95	78563	61.004	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	122.000%

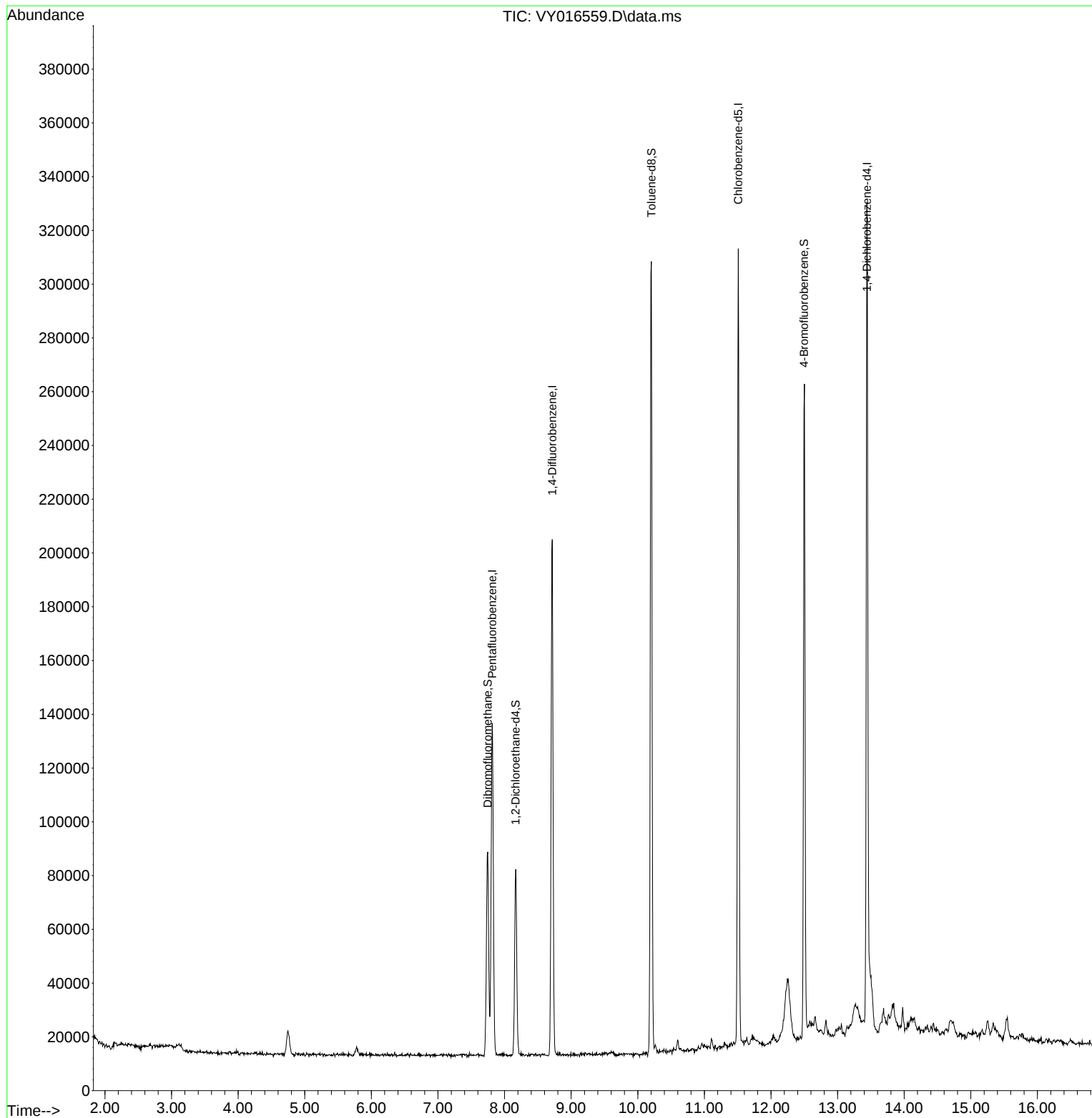
Target Compounds	Qvalue

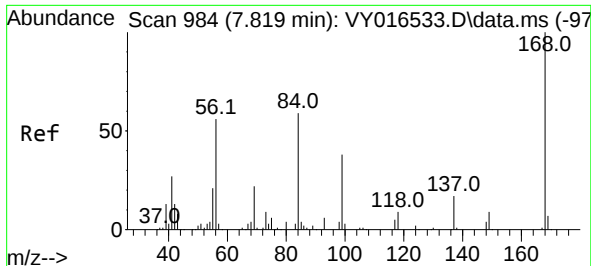
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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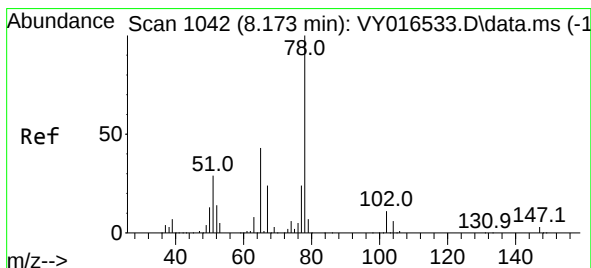
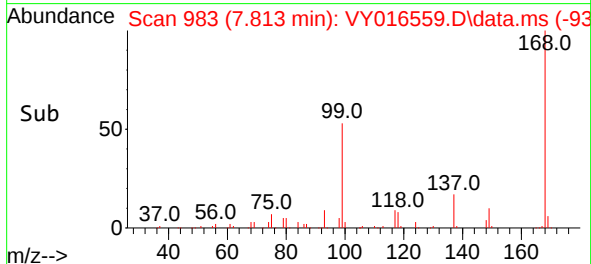
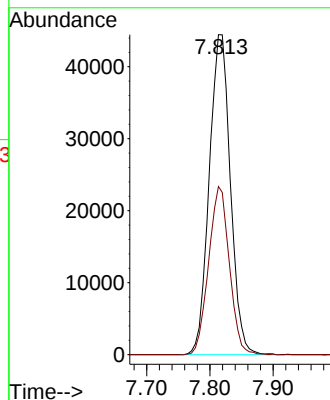
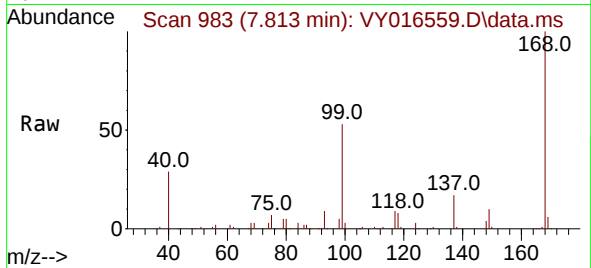




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

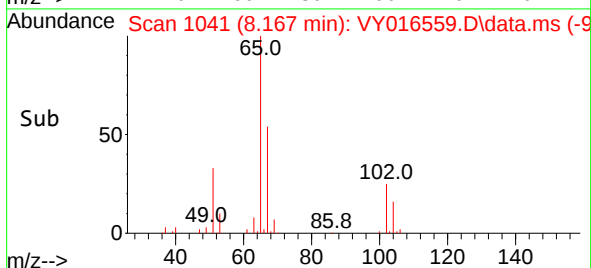
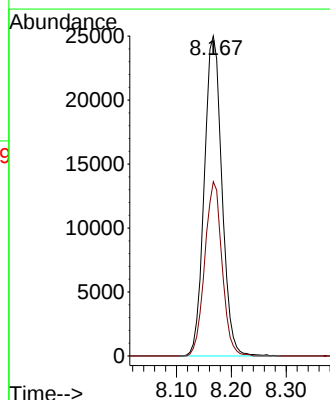
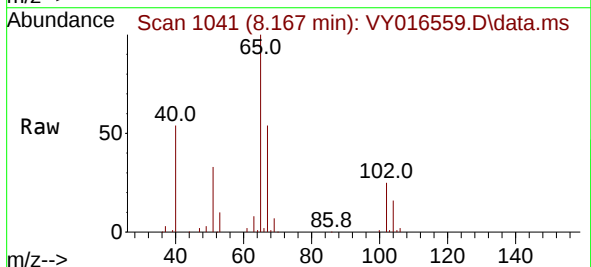
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-113023

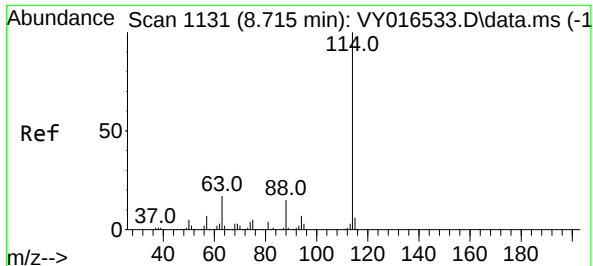
Tgt Ion:168 Resp: 103226
Ion Ratio Lower Upper
168 100
99 52.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.331 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Tgt Ion: 65 Resp: 55726
Ion Ratio Lower Upper
65 100
67 53.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY016559.D

Acq: 01 Dec 2023 14:09

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-113023

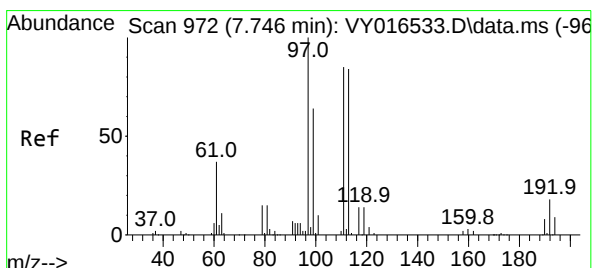
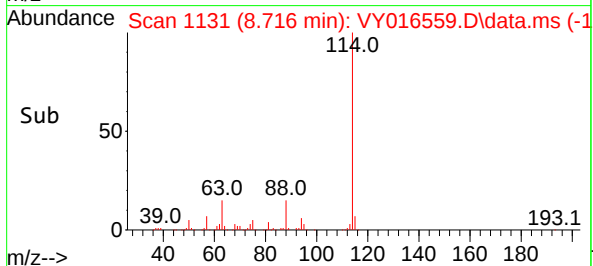
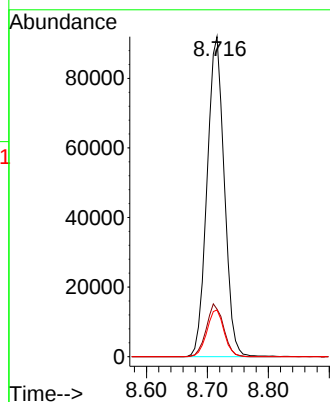
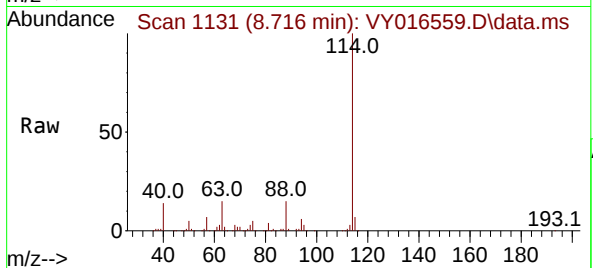
Tgt Ion:114 Resp: 180343

Ion Ratio Lower Upper

114 100

63 14.8 0.0 42.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.617 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY016559.D

Acq: 01 Dec 2023 14:09

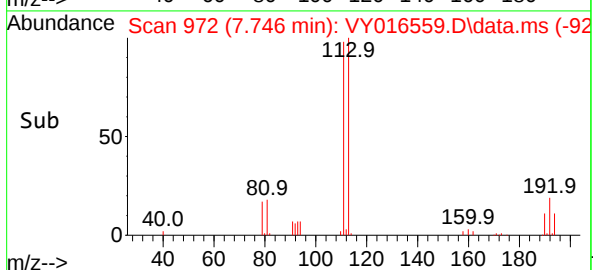
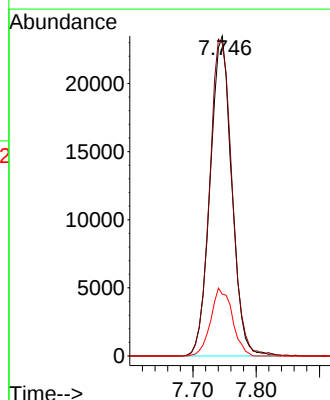
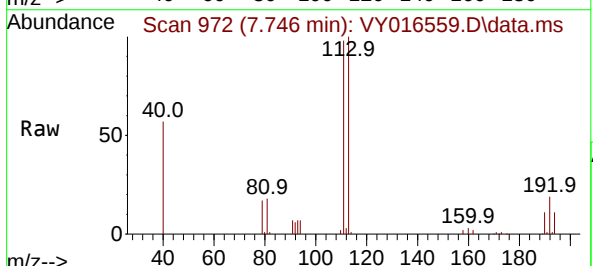
Tgt Ion:113 Resp: 55692

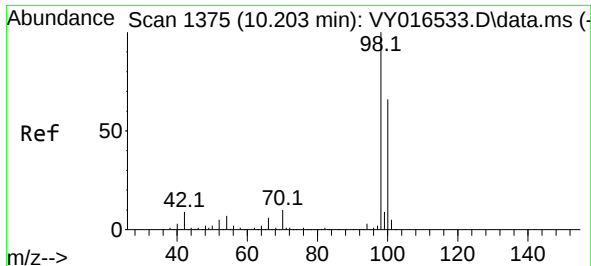
Ion Ratio Lower Upper

113 100

111 102.2 81.3 121.9

192 21.2 16.9 25.3

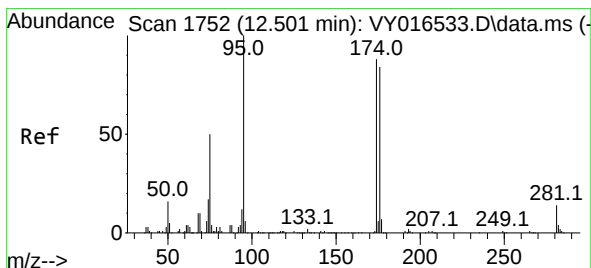
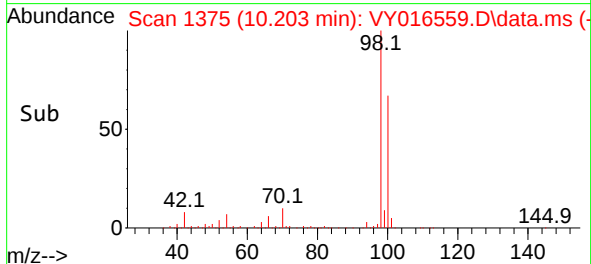
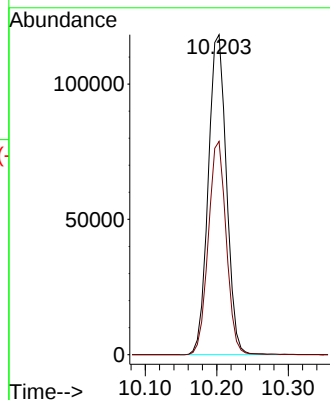
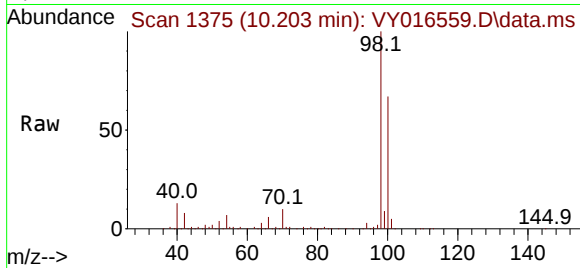




#50
Toluene-d8
Concen: 50.887 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

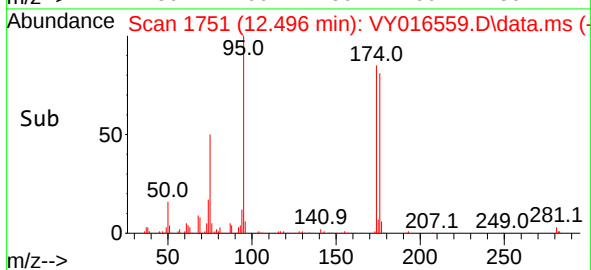
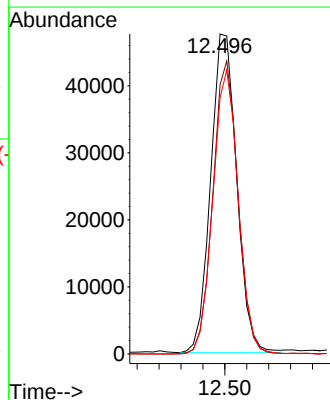
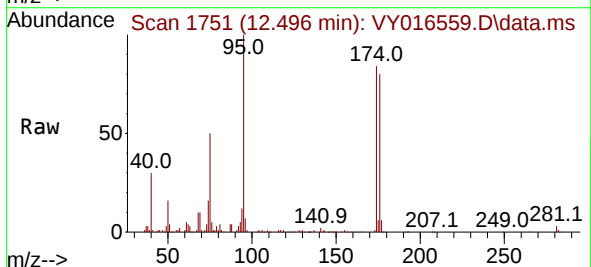
Instrument :
MSVOA_Y
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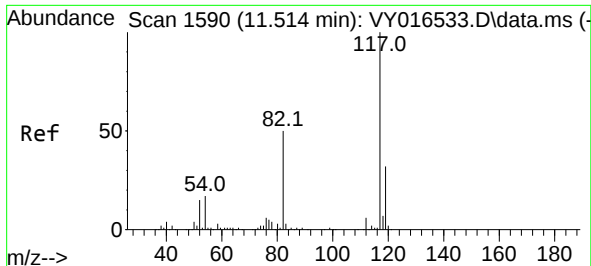
Tgt Ion: 98 Resp: 208905
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 61.004 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Tgt Ion: 95 Resp: 78563
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 86.9 0.0 173.8

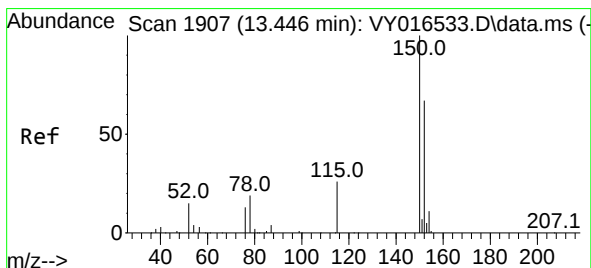
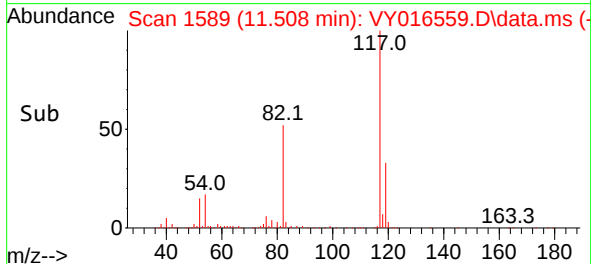
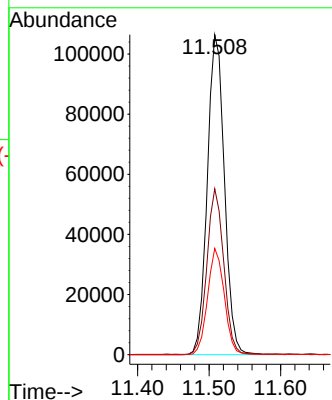
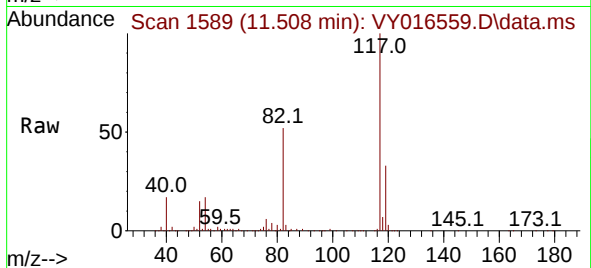




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-113023

Tgt Ion:117 Resp: 177167
Ion Ratio Lower Upper
117 100
82 51.7 43.4 65.0
119 33.2 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.441 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016559.D
Acq: 01 Dec 2023 14:09

Tgt Ion:152 Resp: 84710
Ion Ratio Lower Upper
152 100
115 56.0 28.8 86.5
150 157.1 0.0 348.8

