

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY113023\
 Data File : VY016547.D
 Acq On : 30 Nov 2023 12:03
 Operator : SY/MD
 Sample : 05577-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-03-112923

Quant Time: Dec 01 00:58:34 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	7.807	168	109947	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.709	114	184664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	177905	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	82127	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	61111	70.353	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	140.700%
35) Dibromofluoromethane	7.734	113	58188	53.688	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.380%
50) Toluene-d8	10.197	98	213972	50.902	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.800%
62) 4-Bromofluorobenzene	12.495	95	74064	56.165	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.320%

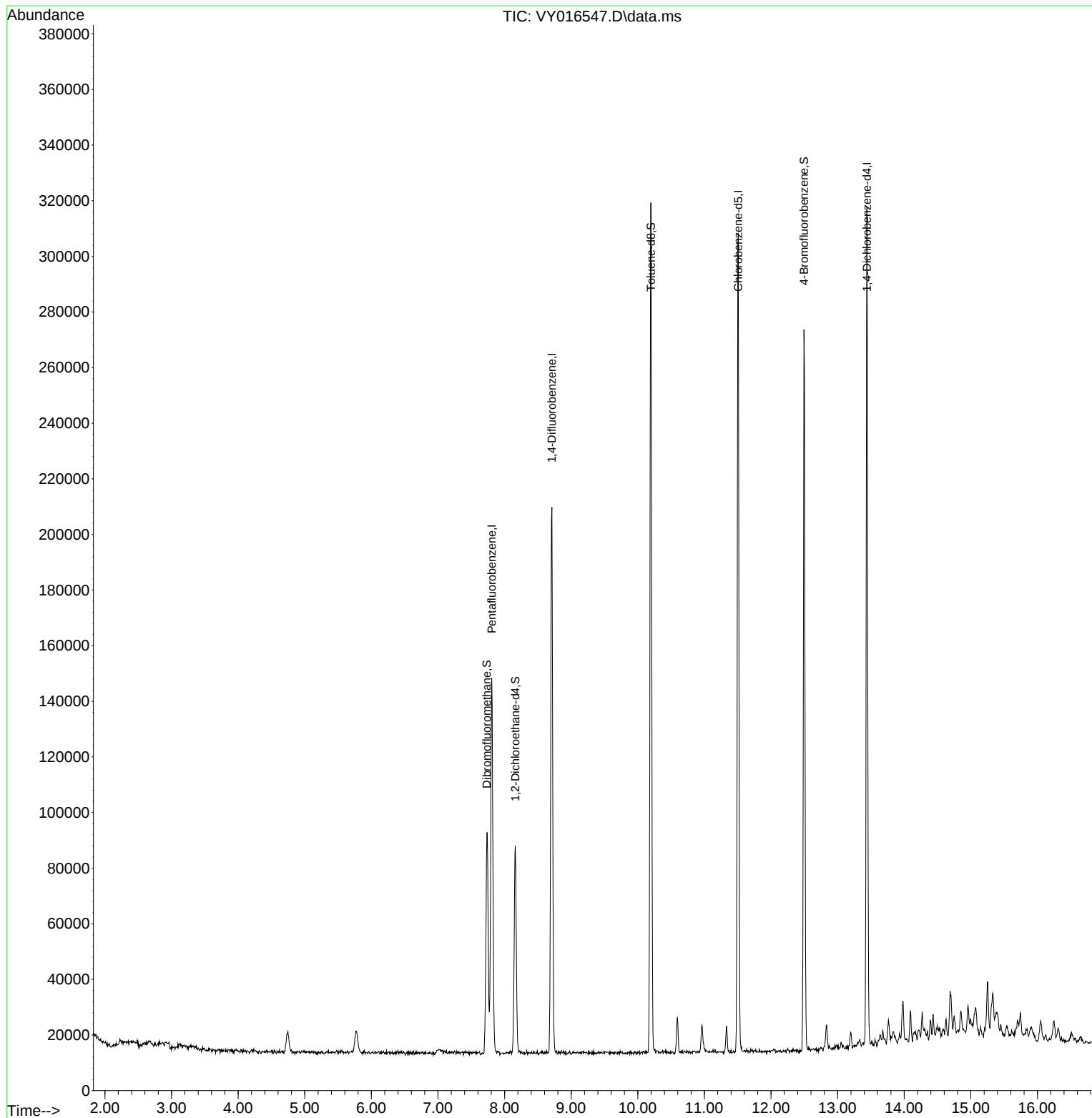
Target Compounds	Qvalue

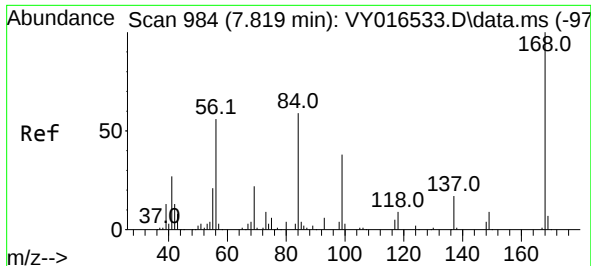
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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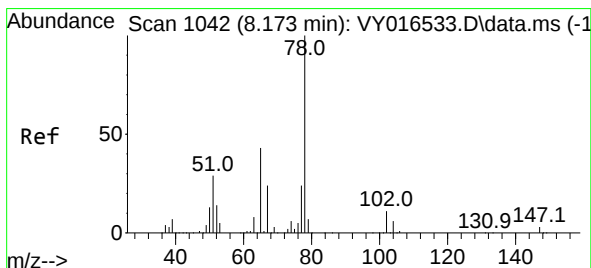
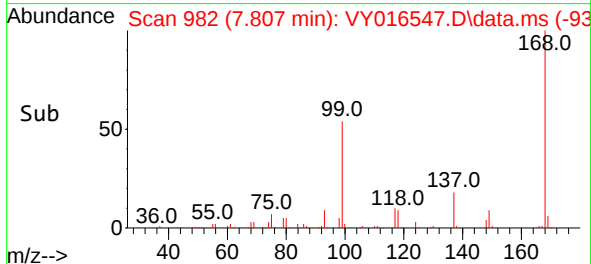
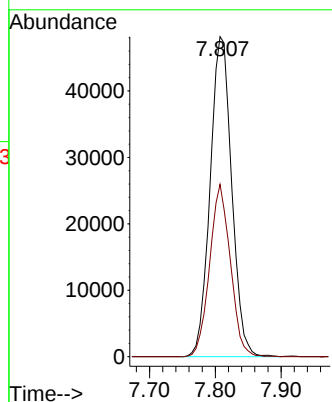
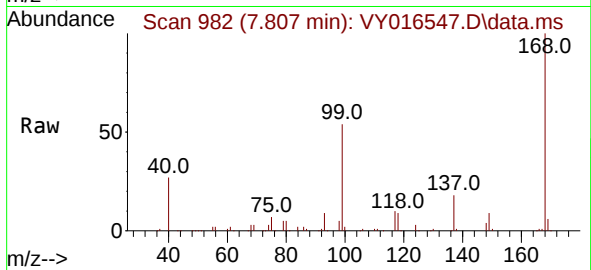




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

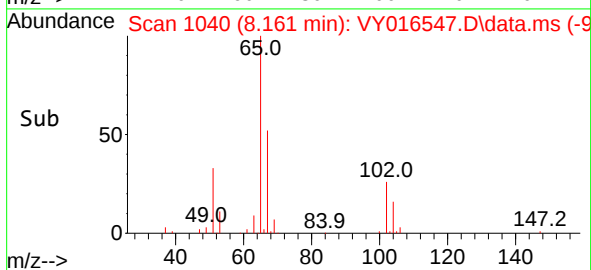
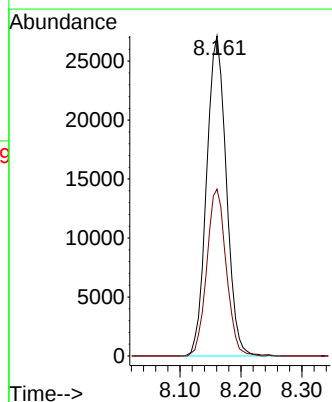
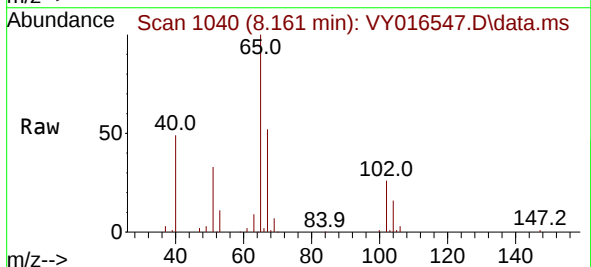
Instrument :
MSVOA_Y
ClientSampleId :
EO-03-112923

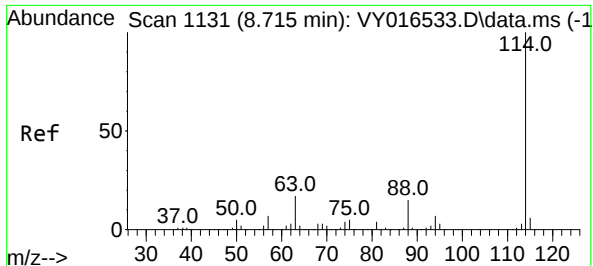
Tgt Ion:168 Resp: 109947
Ion Ratio Lower Upper
168 100
99 53.9 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 70.353 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. -0.012 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion: 65 Resp: 61111
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY016547.D

Acq: 30 Nov 2023 12:03

Instrument :

MSVOA_Y

ClientSampleId :

EO-03-112923

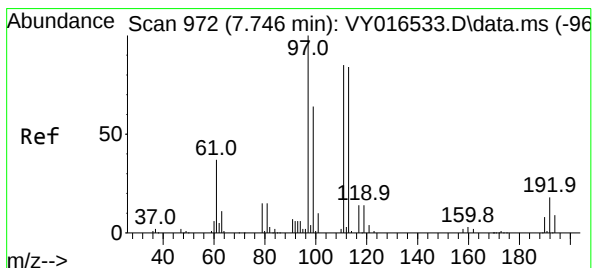
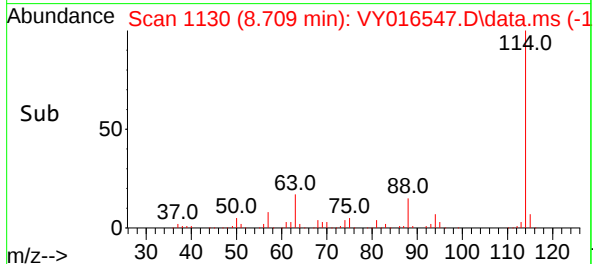
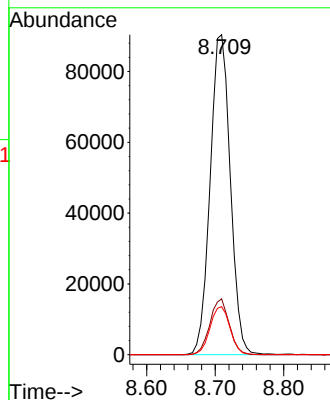
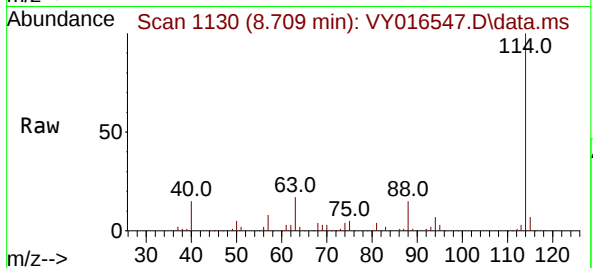
Tgt Ion:114 Resp: 184664

Ion Ratio Lower Upper

114 100

63 17.5 0.0 42.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.688 ug/l

RT: 7.734 min Scan# 970

Delta R.T. -0.012 min

Lab File: VY016547.D

Acq: 30 Nov 2023 12:03

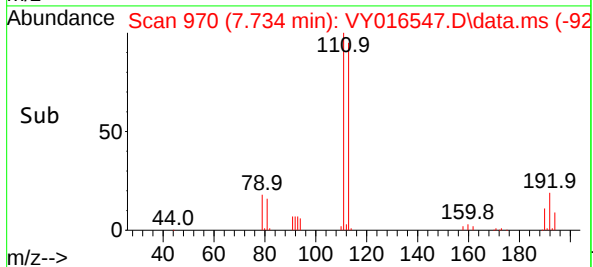
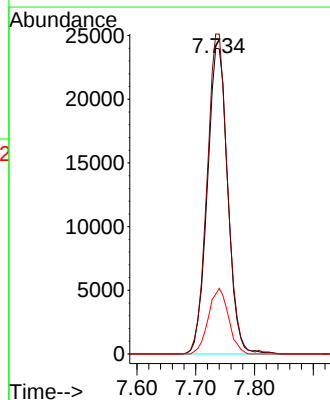
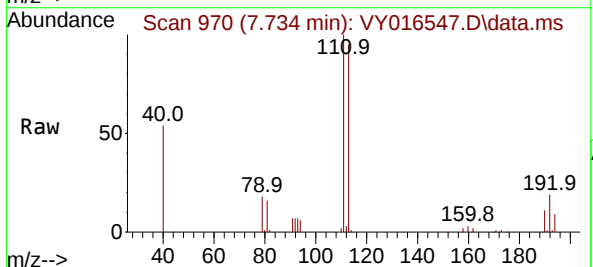
Tgt Ion:113 Resp: 58188

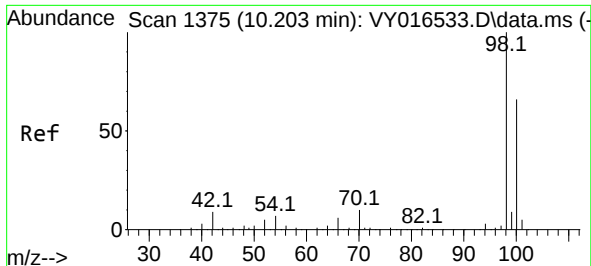
Ion Ratio Lower Upper

113 100

111 103.7 81.3 121.9

192 21.0 16.9 25.3

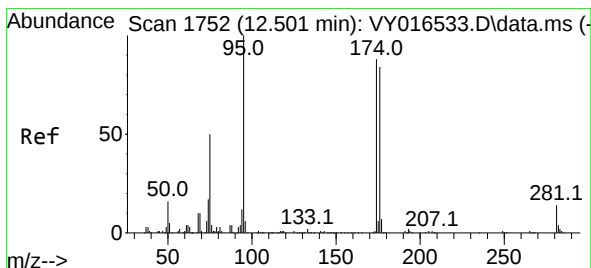
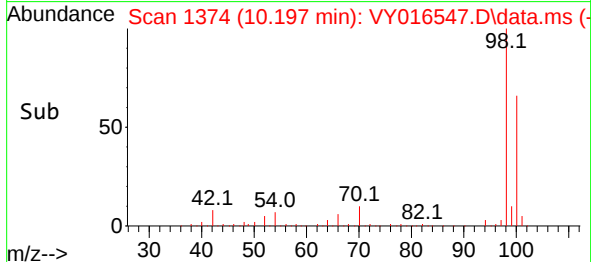
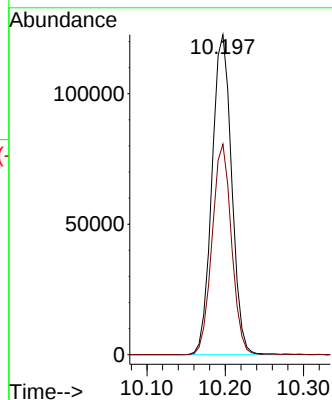
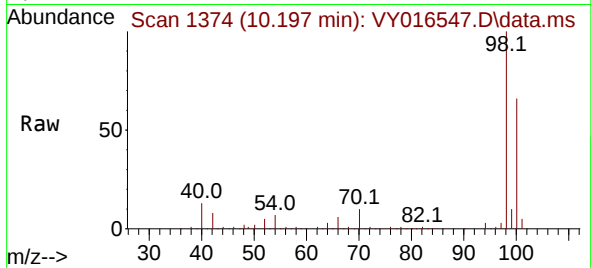




#50
Toluene-d8
Concen: 50.902 ug/l
RT: 10.197 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

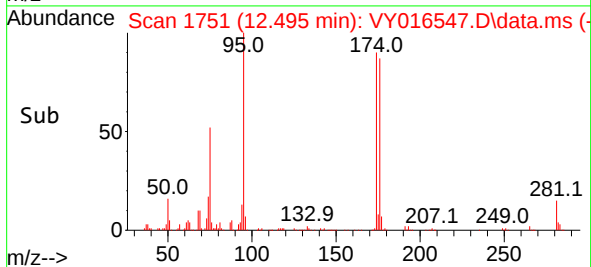
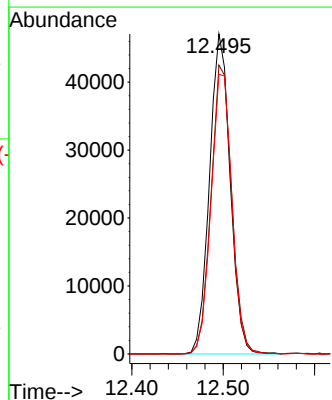
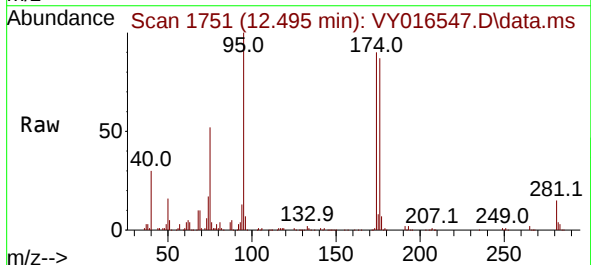
Instrument :
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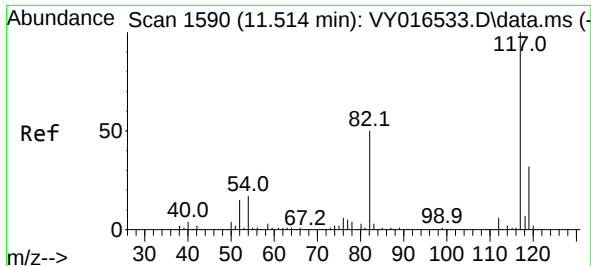
Tgt Ion: 98 Resp: 213972
Ion Ratio Lower Upper
98 100
100 64.9 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 56.165 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion: 95 Resp: 74064
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 88.3 0.0 173.8

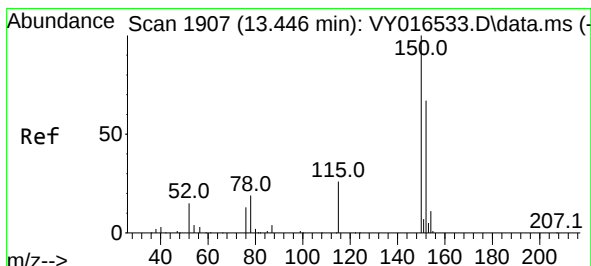
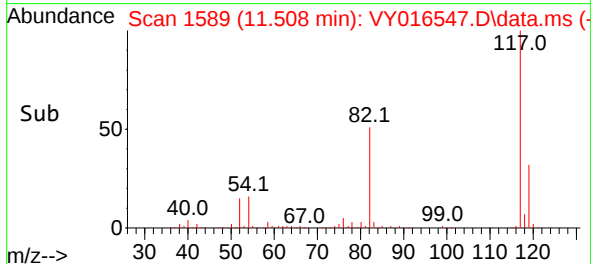
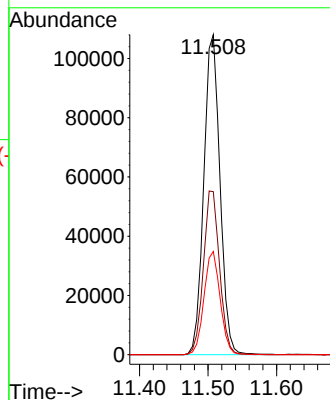
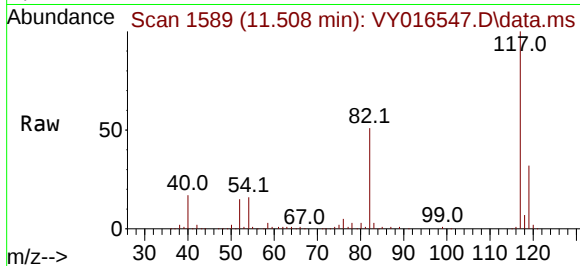




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Instrument :
MSVOA_Y
ClientSampleId :
EO-03-112923

Tgt Ion:117 Resp: 177905
Ion Ratio Lower Upper
117 100
82 51.0 43.4 65.0
119 32.3 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY016547.D
Acq: 30 Nov 2023 12:03

Tgt Ion:152 Resp: 82127
Ion Ratio Lower Upper
152 100
115 57.3 28.8 86.5
150 156.9 0.0 348.8

