

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111423\
 Data File : VY016343.D
 Acq On : 14 Nov 2023 12:58
 Operator : SY/MD
 Sample : 05384-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-11102023

Quant Time: Nov 14 19:02:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	66875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	118694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	109994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	48326	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	41676	68.186	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.380%
35) Dibromofluoromethane	7.728	113	38361	56.894	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.780%
50) Toluene-d8	10.191	98	139226	50.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.840%
62) 4-Bromofluorobenzene	12.489	95	46405	52.255	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.520%

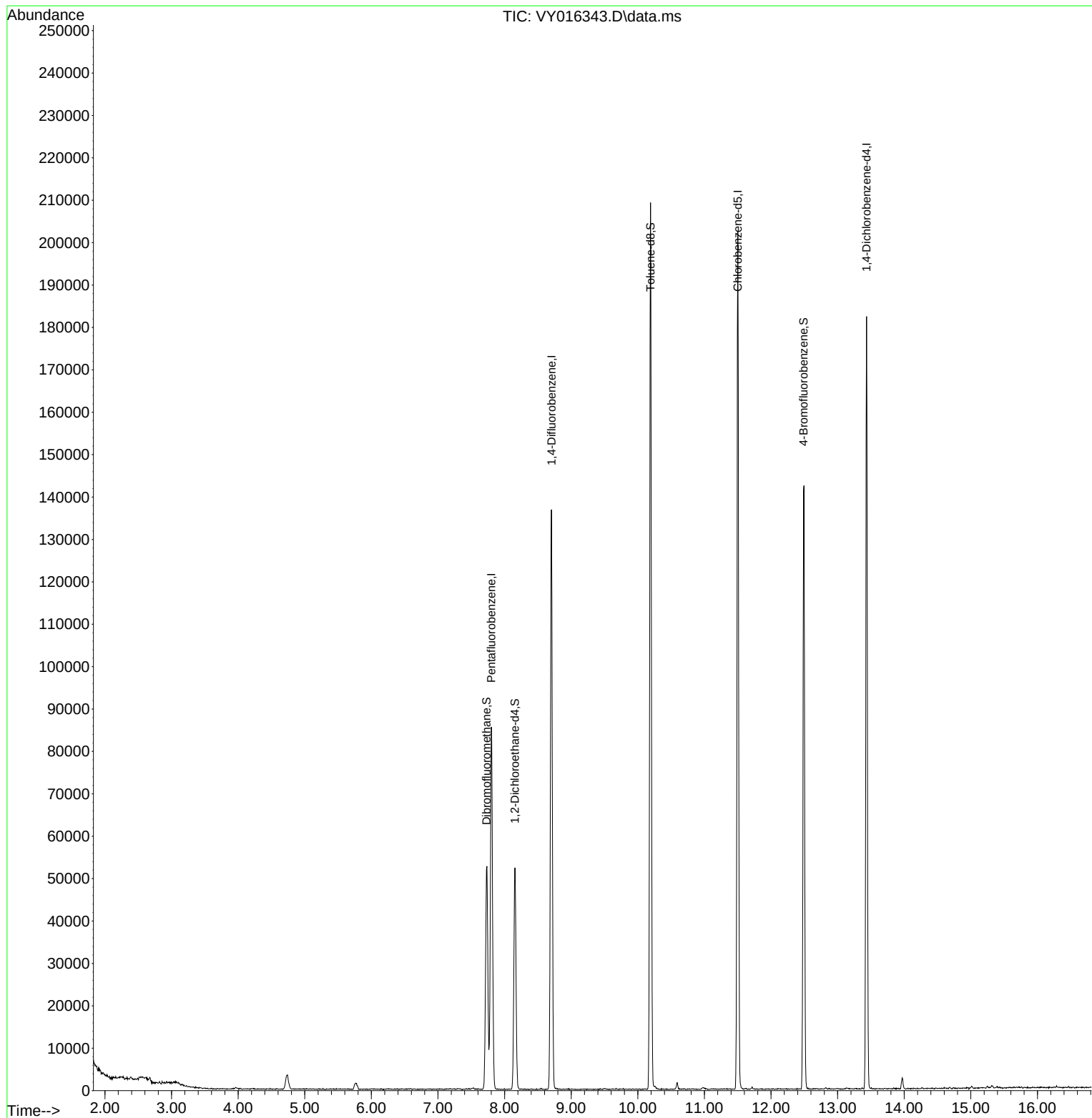
Target Compounds	Qvalue

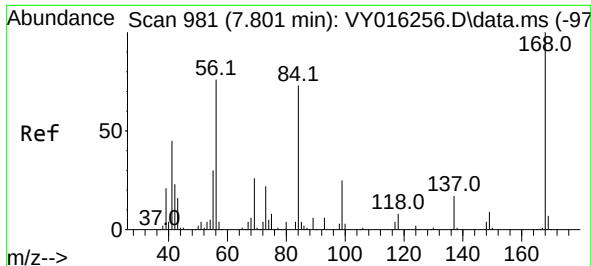
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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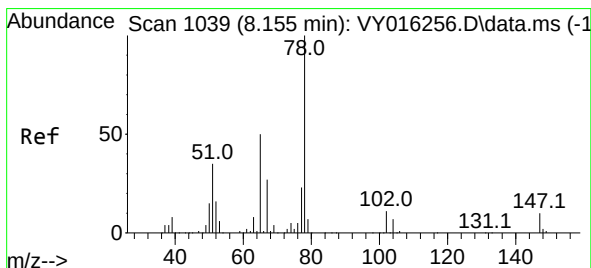
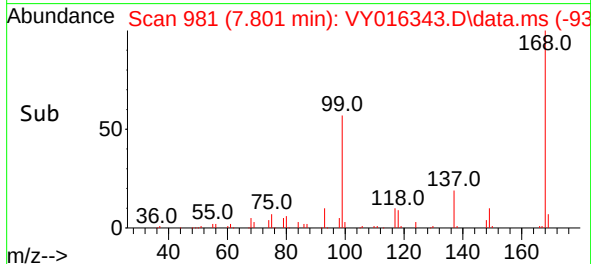
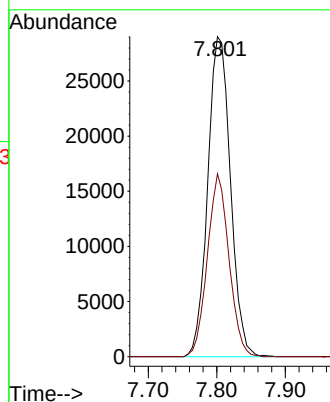
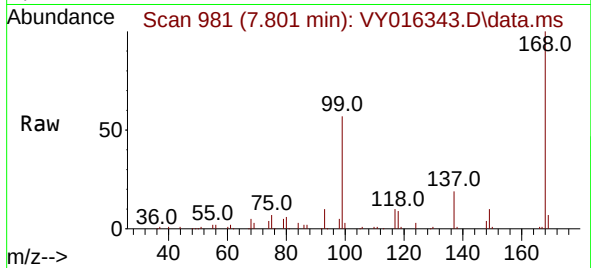




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016343.D
Acq: 14 Nov 2023 12:58

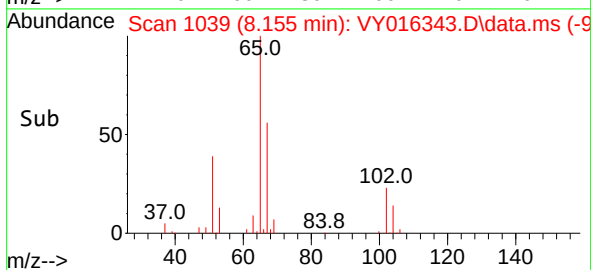
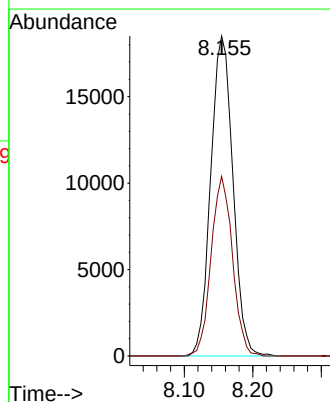
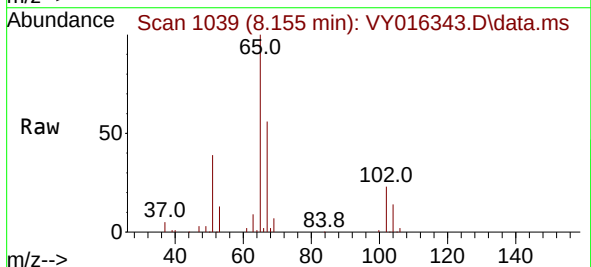
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-11102023

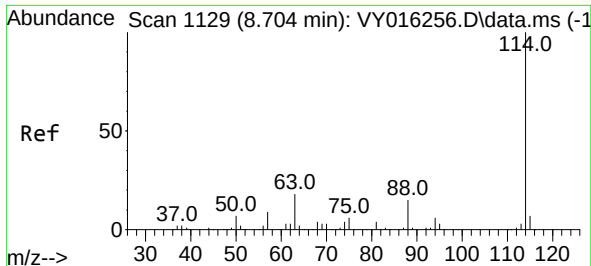
Tgt Ion:168 Resp: 66875
Ion Ratio Lower Upper
168 100
99 57.1 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 68.186 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY016343.D
Acq: 14 Nov 2023 12:58

Tgt Ion: 65 Resp: 41676
Ion Ratio Lower Upper
65 100
67 53.9 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016343.D

Acq: 14 Nov 2023 12:58

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-11102023

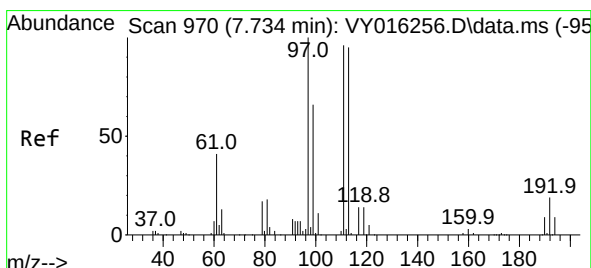
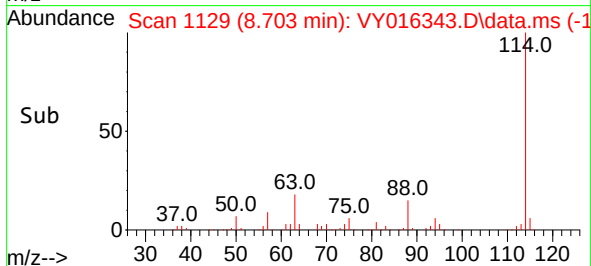
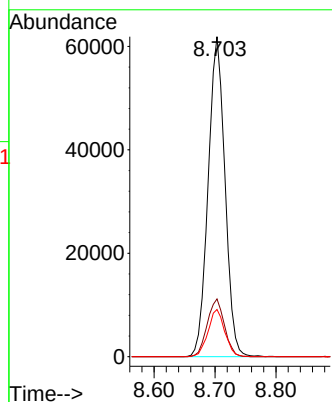
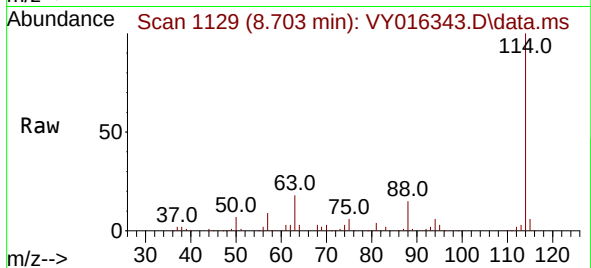
Tgt Ion:114 Resp: 118694

Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 14.8 0.0 30.6



#35

Dibromofluoromethane

Concen: 56.894 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY016343.D

Acq: 14 Nov 2023 12:58

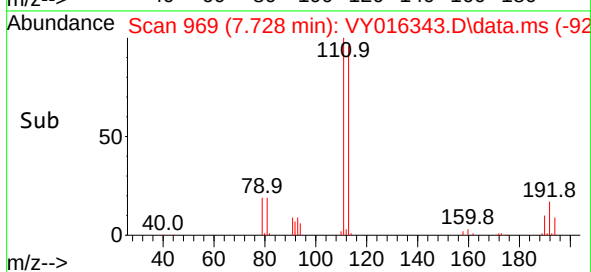
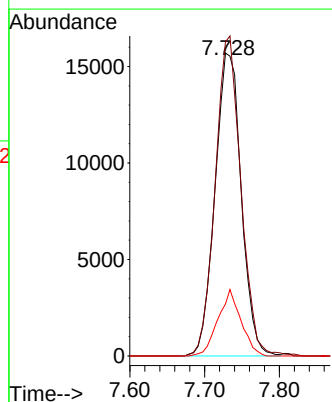
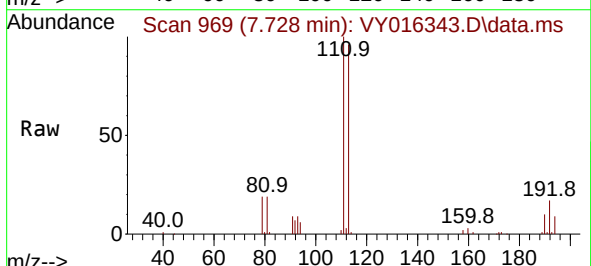
Tgt Ion:113 Resp: 38361

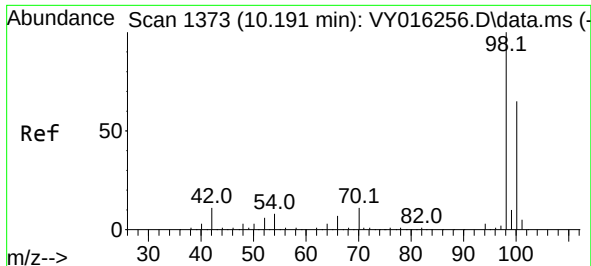
Ion Ratio Lower Upper

113 100

111 103.2 81.3 121.9

192 19.2 16.9 25.3

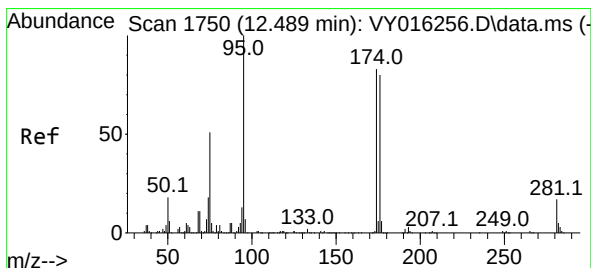
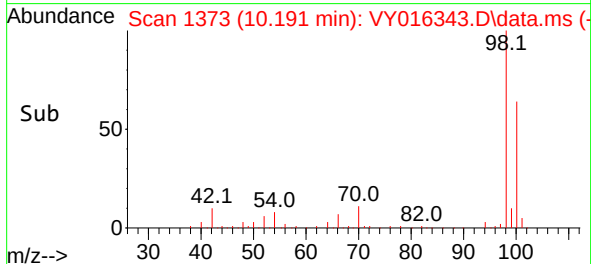
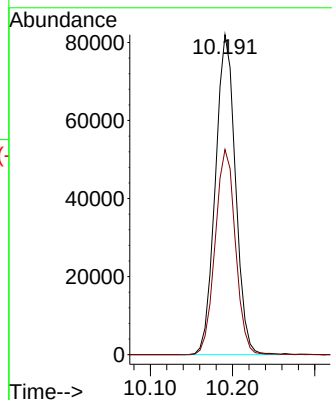
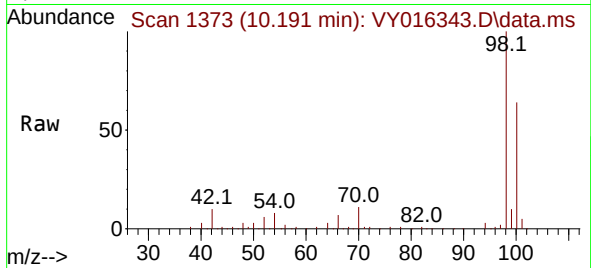




#50
Toluene-d8
Concen: 50.919 ug/l
RT: 10.191 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016343.D
Acq: 14 Nov 2023 12:58

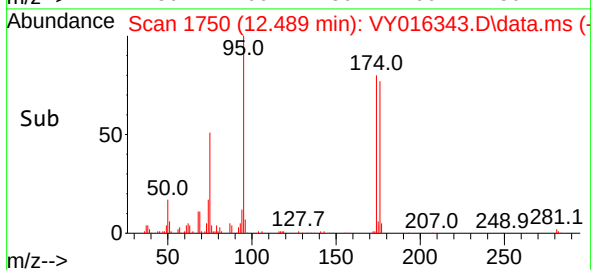
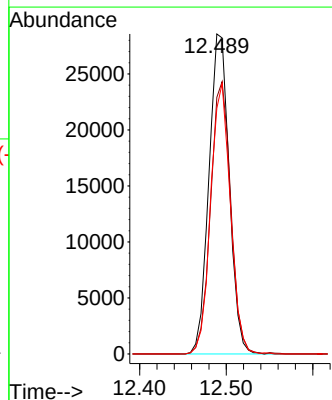
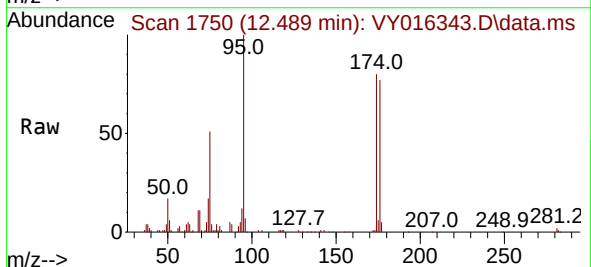
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-11102023

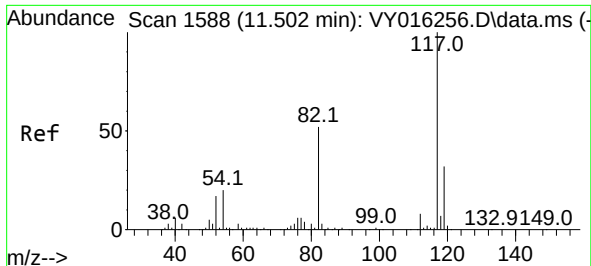
Tgt Ion: 98 Resp: 139226
Ion Ratio Lower Upper
98 100
100 64.6 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 52.255 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016343.D
Acq: 14 Nov 2023 12:58

Tgt Ion: 95 Resp: 46405
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 82.5 0.0 173.8

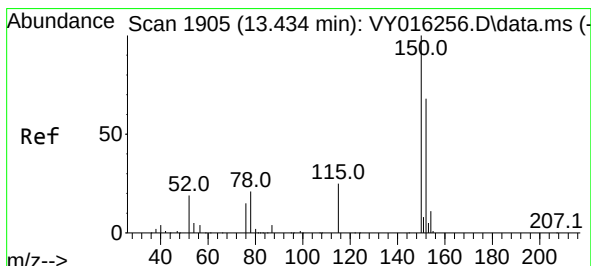
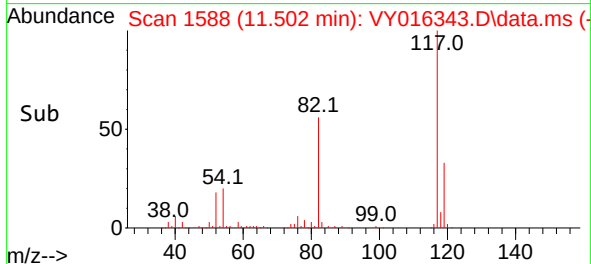
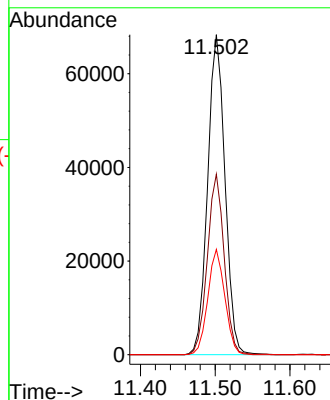
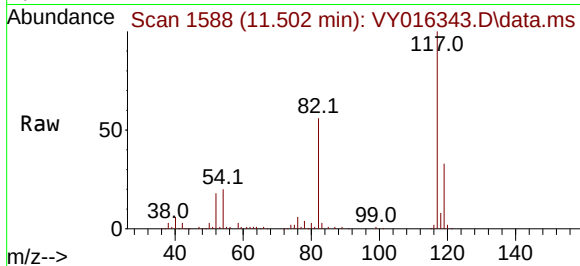




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016343.D
Acq: 14 Nov 2023 12:58

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-11102023

Tgt Ion:	117	Resp:	109994
Ion	Ratio	Lower	Upper
117	100		
82	56.4	43.4	65.0
119	32.9	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. -0.000 min
Lab File: VY016343.D
Acq: 14 Nov 2023 12:58

Tgt Ion:	152	Resp:	48326
Ion	Ratio	Lower	Upper
152	100		
115	59.5	28.8	86.5
150	160.1	0.0	348.8

