

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009272.D
 Acq On : 22 Jun 2022 14:24
 Operator : KP/MD
 Sample : N3413-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-01-062022

Quant Time: Jun 23 01:55:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	191020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	334426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	321257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145093	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	113093	53.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.820%
35) Dibromofluoromethane	7.716	113	103363	47.725	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.179	98	402792	48.413	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.820%
62) 4-Bromofluorobenzene	12.477	95	137060	46.881	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.760%

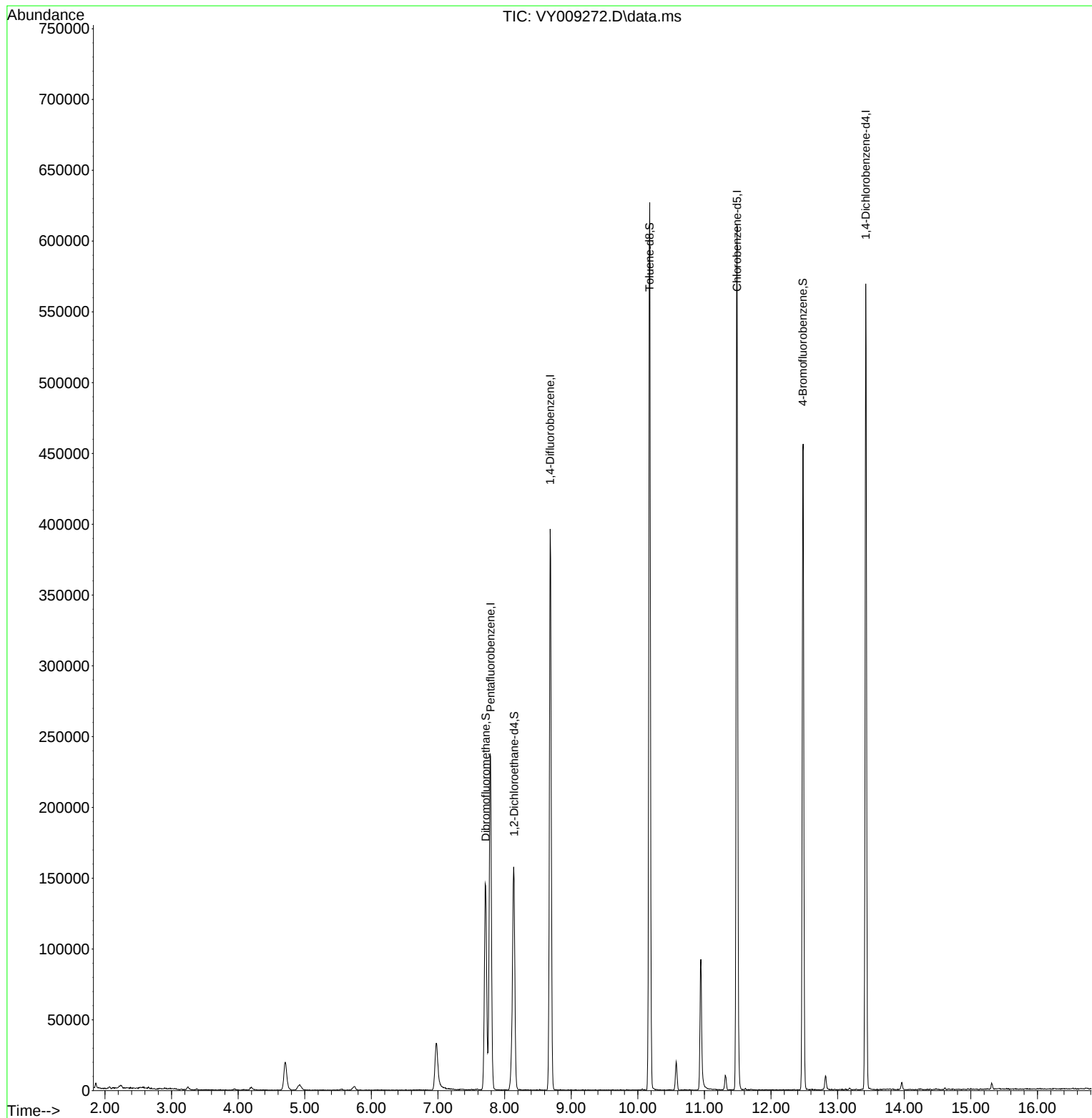
Target Compounds	Qvalue

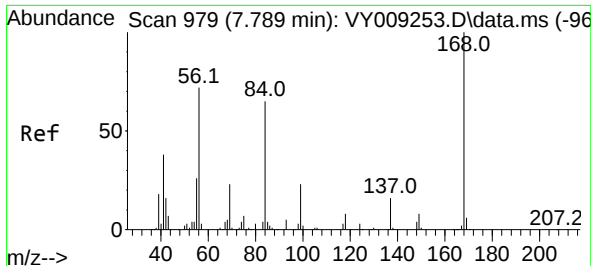
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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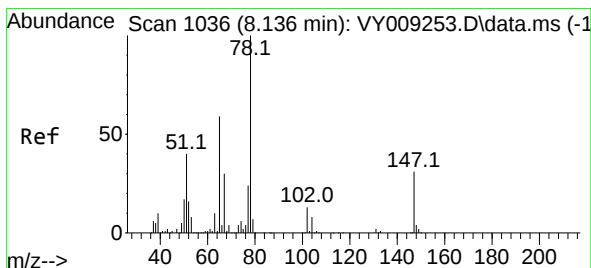
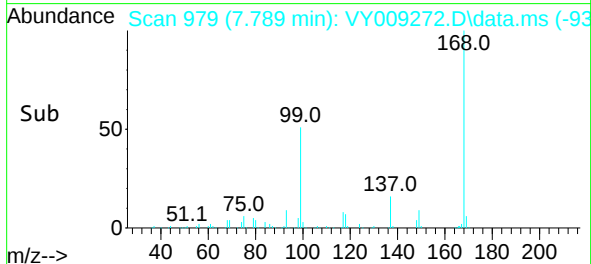
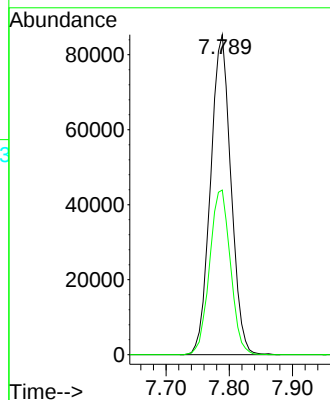
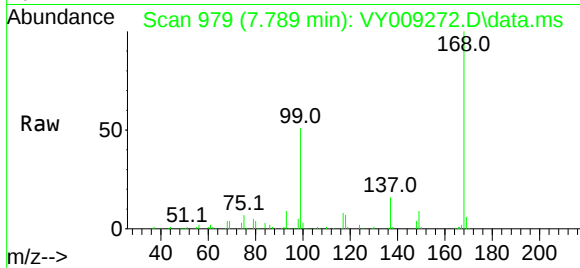




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009272.D
Acq: 22 Jun 2022 14:24

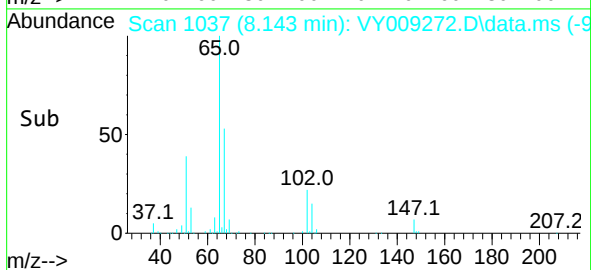
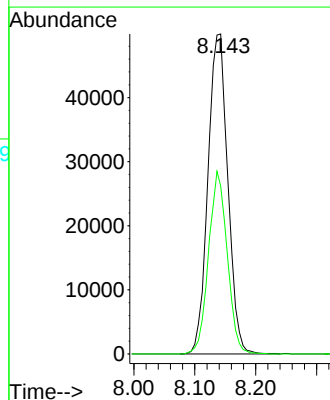
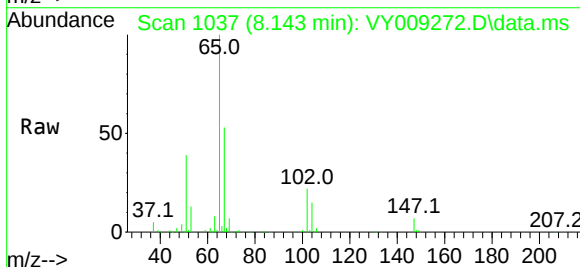
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-062022

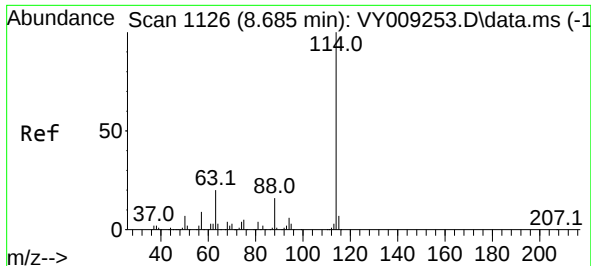
Tgt Ion:168 Resp: 191020
Ion Ratio Lower Upper
168 100
99 51.5 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.907 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.007 min
Lab File: VY009272.D
Acq: 22 Jun 2022 14:24

Tgt Ion: 65 Resp: 113093
Ion Ratio Lower Upper
65 100
67 53.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009272.D

Acq: 22 Jun 2022 14:24

Instrument :

MSVOA_Y

ClientSampleId :

EO-01-062022

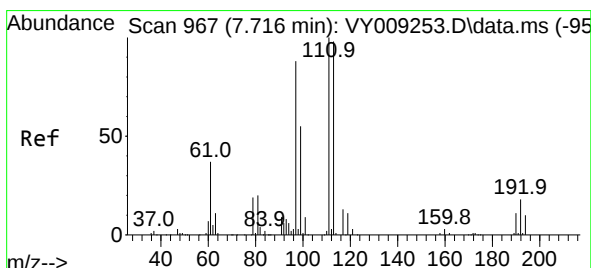
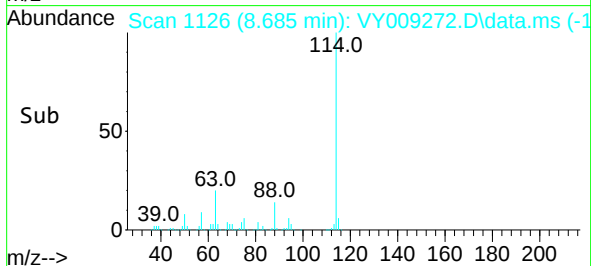
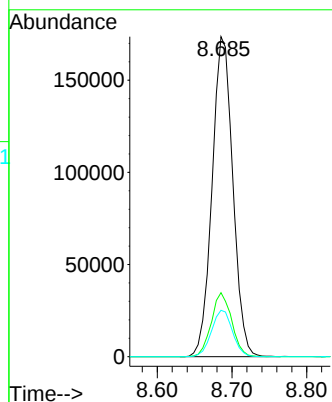
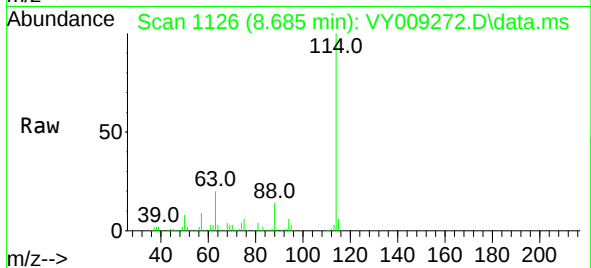
Tgt Ion:114 Resp: 334426

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.725 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009272.D

Acq: 22 Jun 2022 14:24

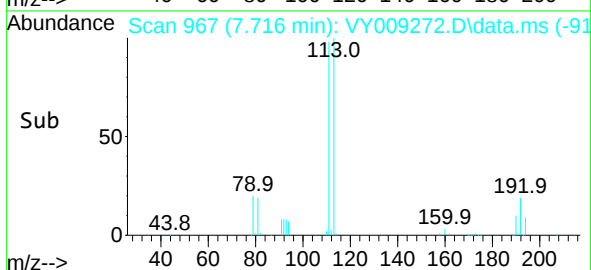
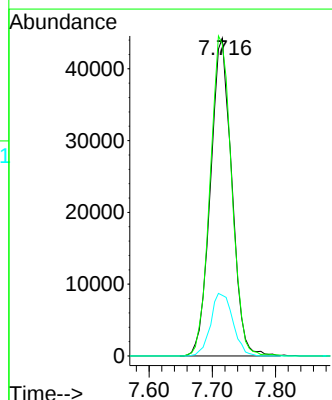
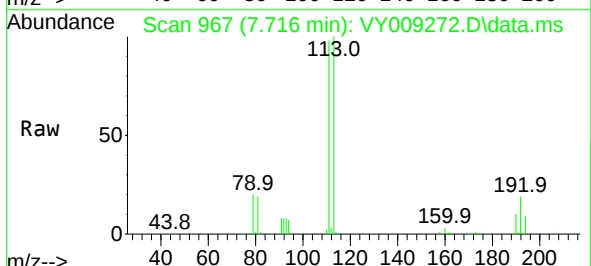
Tgt Ion:113 Resp: 103363

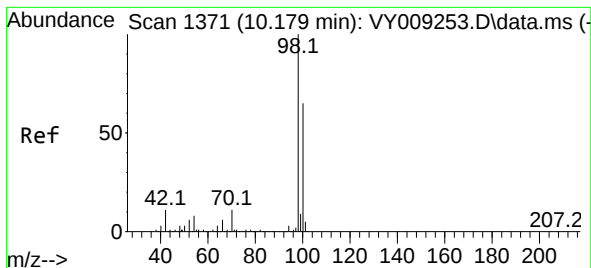
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 20.5 17.6 26.4

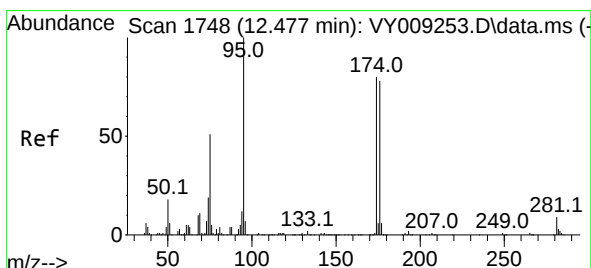
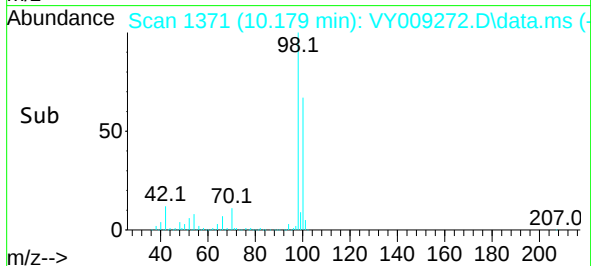
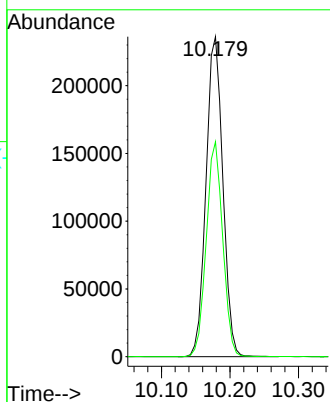
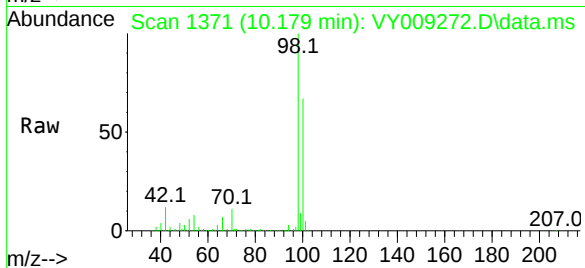




#50
Toluene-d8
Concen: 48.413 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009272.D
Acq: 22 Jun 2022 14:24

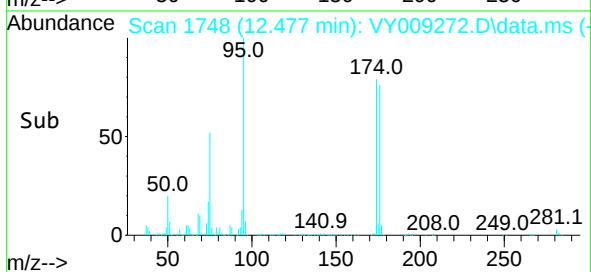
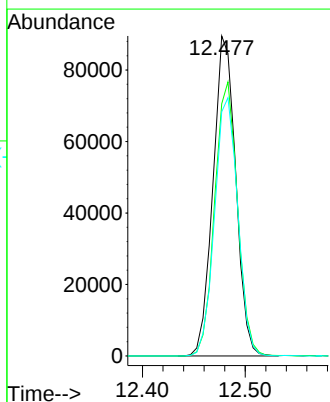
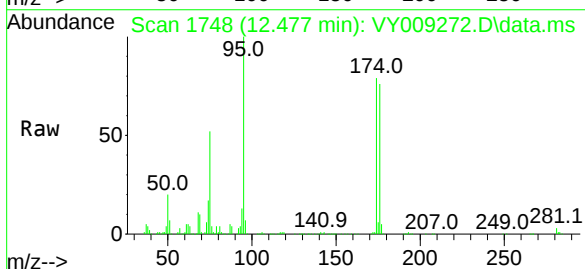
Instrument :
MSVOA_Y
ClientSampleId :
EO-01-062022

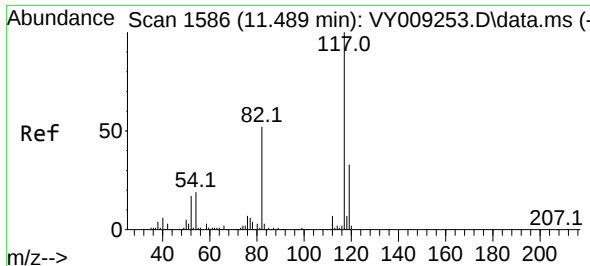
Tgt Ion: 98 Resp: 402792
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.881 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009272.D
Acq: 22 Jun 2022 14:24

Tgt Ion: 95 Resp: 137060
Ion Ratio Lower Upper
95 100
174 86.2 0.0 177.0
176 82.5 0.0 175.8

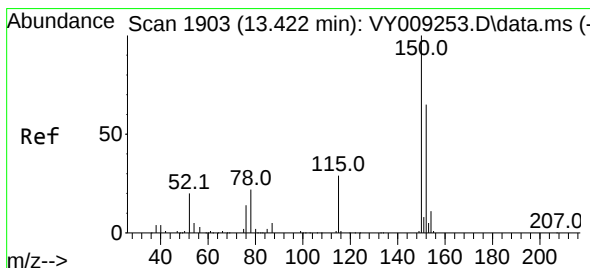
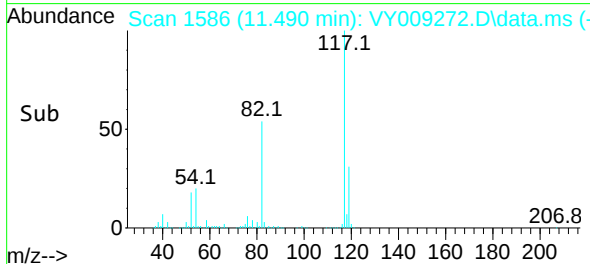
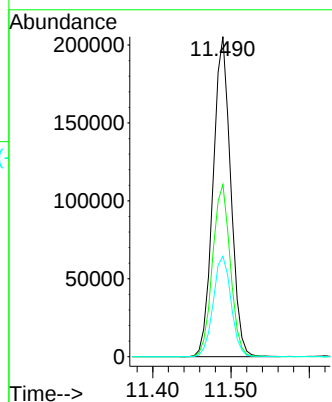
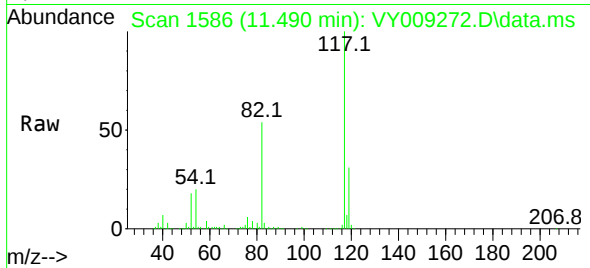




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.001 min
Lab File: VY009272.D
Acq: 22 Jun 2022 14:24

Instrument :
MSVOA_Y
ClientSampleId :
EO-01-062022

Tgt Ion:117 Resp: 321257
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 31.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY009272.D
Acq: 22 Jun 2022 14:24

Tgt Ion:152 Resp: 145093
Ion Ratio Lower Upper
152 100
115 55.7 28.2 84.7
150 157.4 0.0 347.6

