

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110822\
 Data File : VY011368.D
 Acq On : 08 Nov 2022 17:34
 Operator : KP/MD
 Sample : N5485-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-110422

Quant Time: Nov 09 03:34:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	57181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	94555	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	88293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	39493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37897	61.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.940%
35) Dibromofluoromethane	7.710	113	39202	64.529	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	129.060%
50) Toluene-d8	10.179	98	112571	47.725	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.460%
62) 4-Bromofluorobenzene	12.477	95	39607	48.369	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.740%

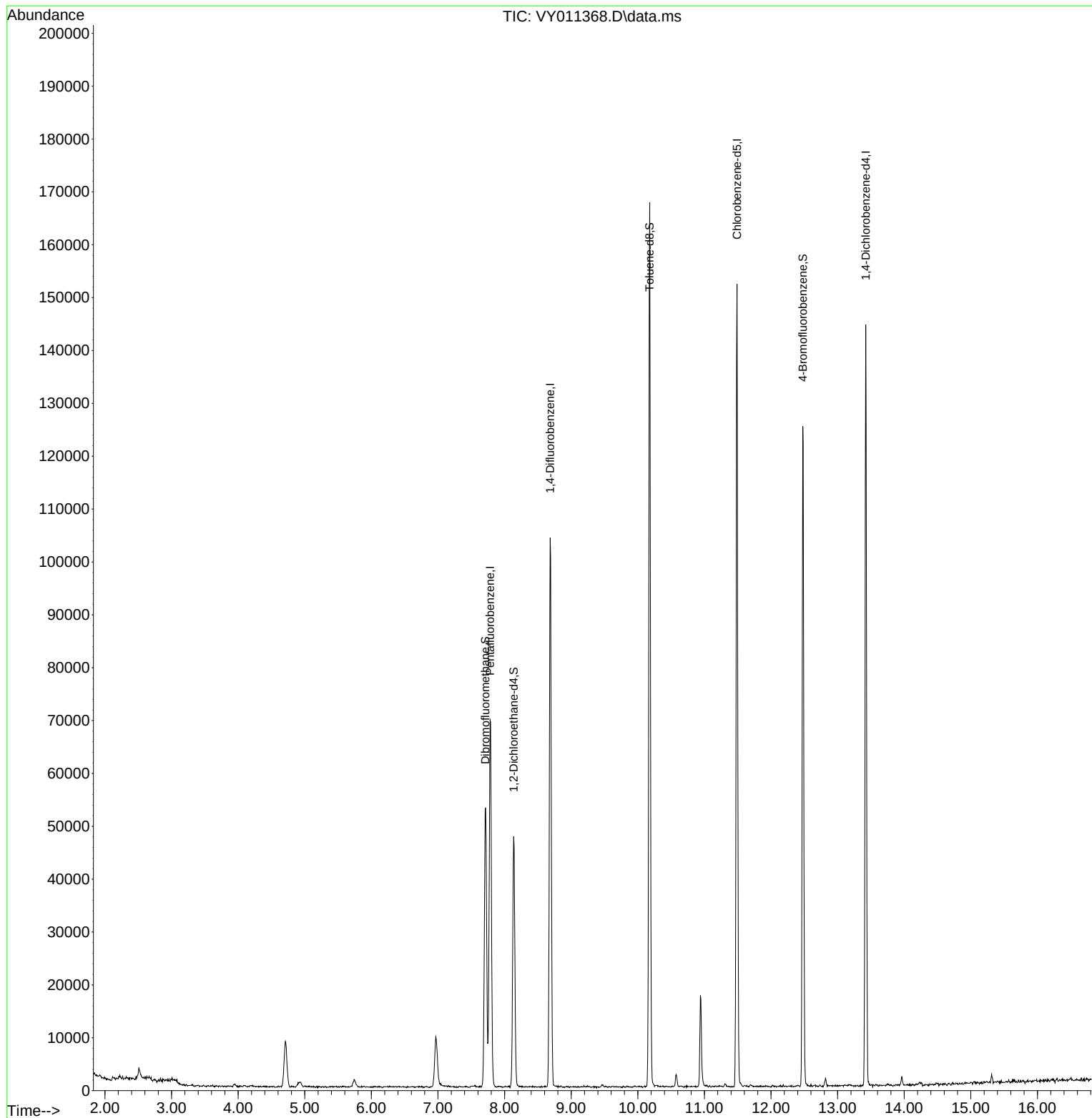
Target Compounds	Qvalue

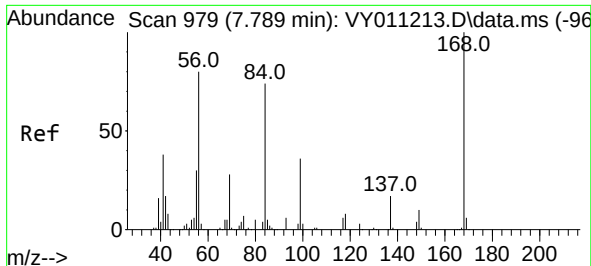
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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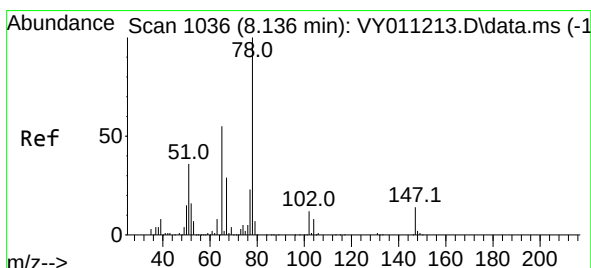
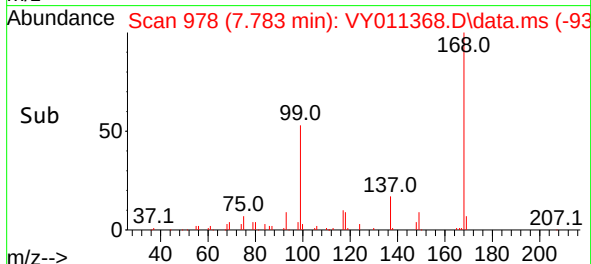
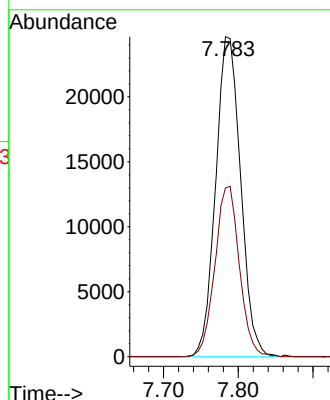
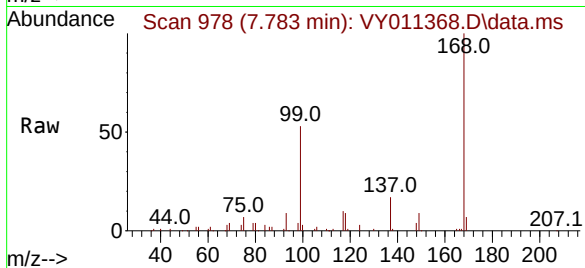




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

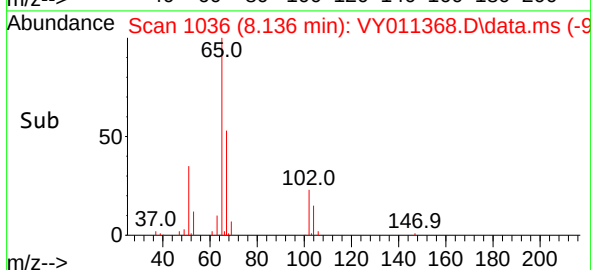
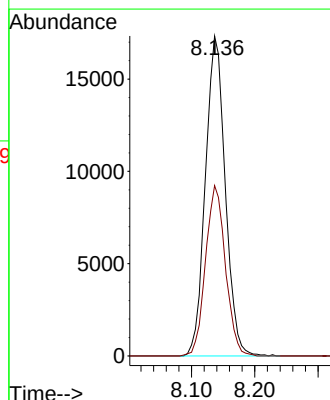
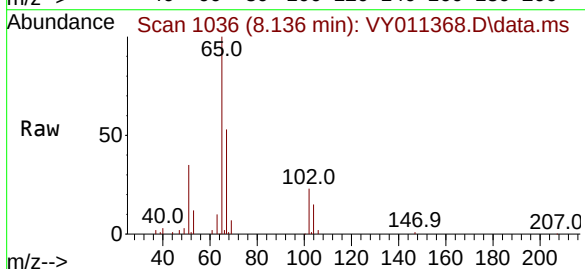
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-110422

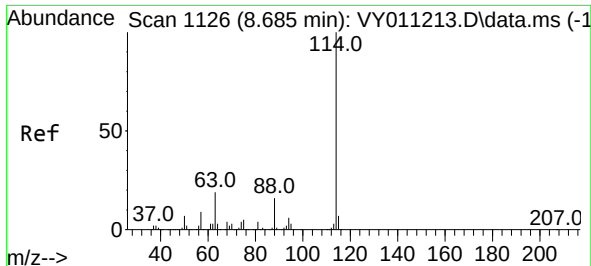
Tgt Ion:168 Resp: 57181
Ion Ratio Lower Upper
168 100
99 52.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.968 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Tgt Ion: 65 Resp: 37897
Ion Ratio Lower Upper
65 100
67 53.3 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: VY011368.D

Acq: 08 Nov 2022 17:34

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-110422

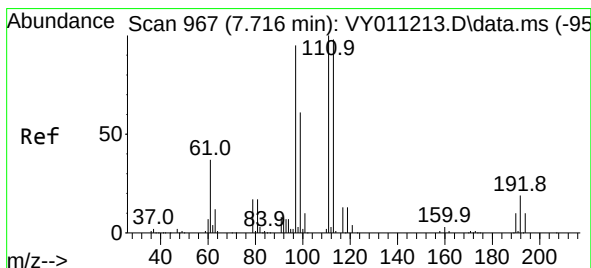
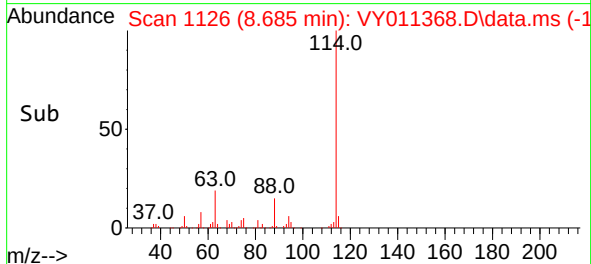
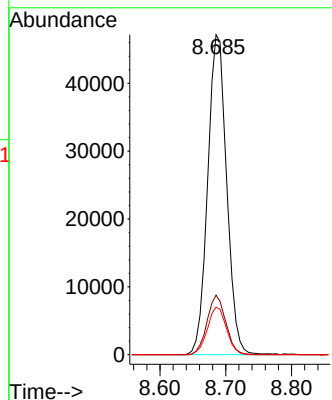
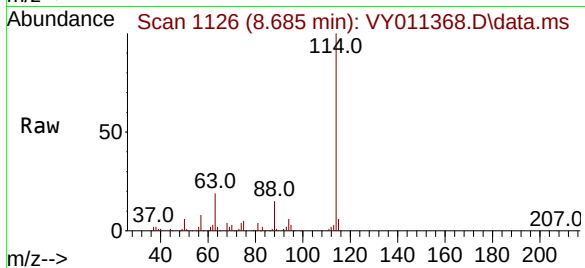
Tgt Ion:114 Resp: 94555

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 64.529 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY011368.D

Acq: 08 Nov 2022 17:34

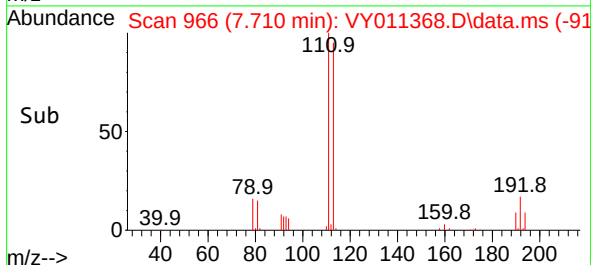
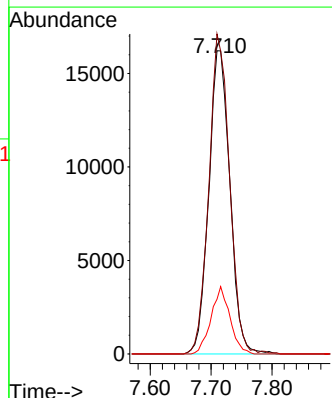
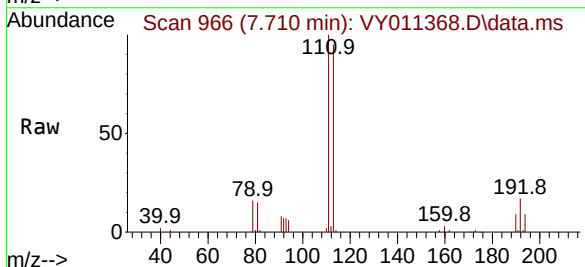
Tgt Ion:113 Resp: 39202

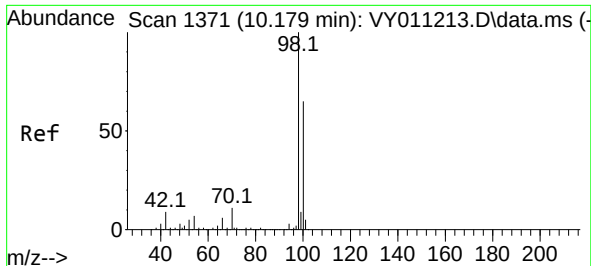
Ion Ratio Lower Upper

113 100

111 103.2 82.6 124.0

192 19.8 17.6 26.4

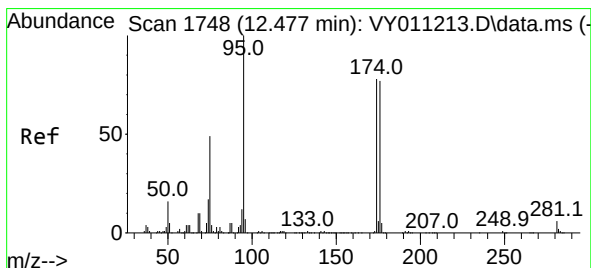
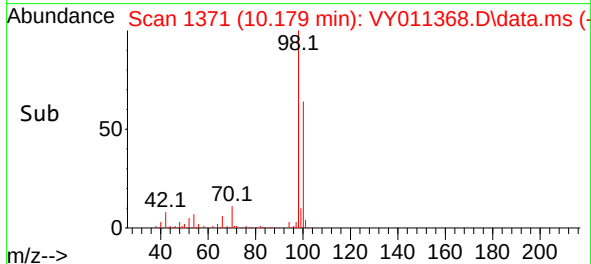
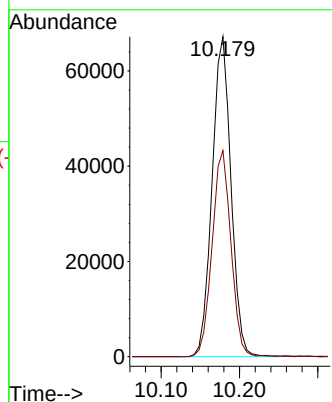
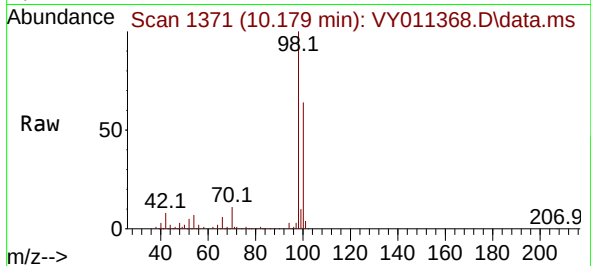




#50
Toluene-d8
Concen: 47.725 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

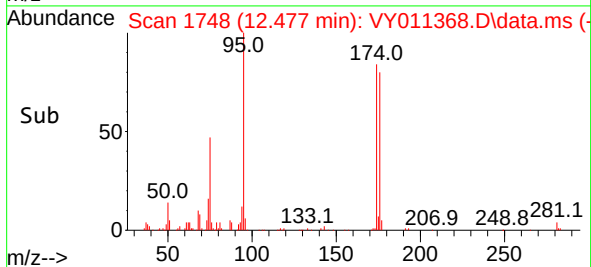
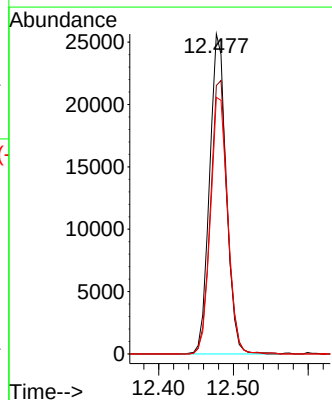
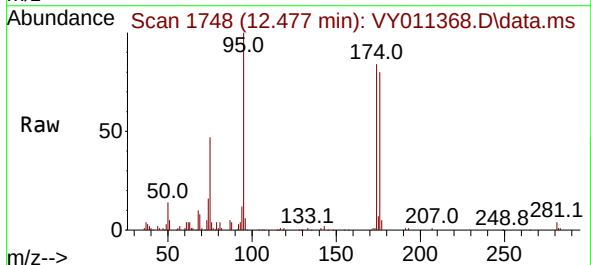
Instrument :
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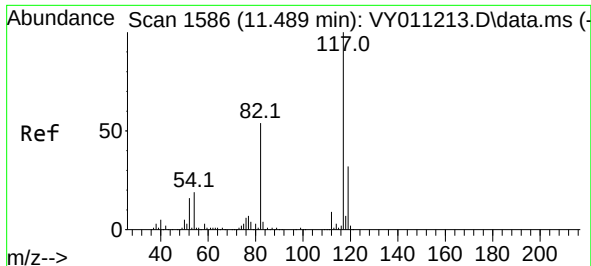
Tgt Ion: 98 Resp: 112571
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 48.369 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Tgt Ion: 95 Resp: 39607
Ion Ratio Lower Upper
95 100
174 87.4 0.0 177.0
176 83.4 0.0 175.8

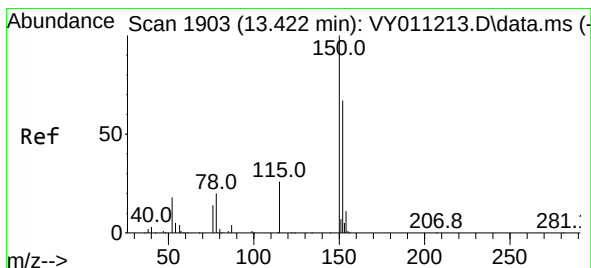
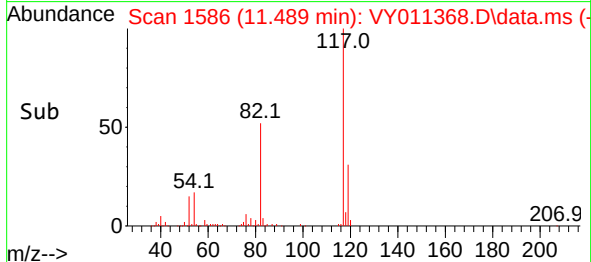
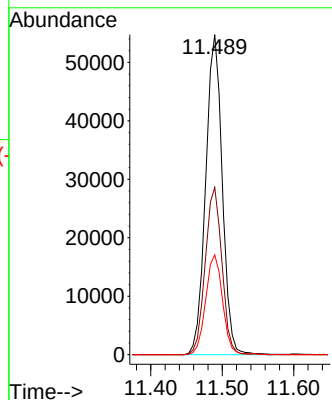
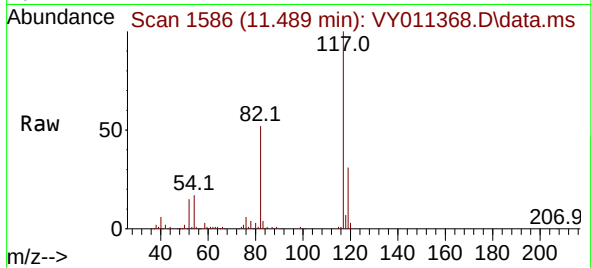




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011368.D
Acq: 08 Nov 2022 17:34

Instrument :
MSVOA_Y
ClientSampleId :
OR-03-110422

Tgt Ion:117 Resp: 88293
Ion Ratio Lower Upper
117 100
82 52.3 43.0 64.4
119 31.2 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: VY011368.D
Acq: 08 Nov 2022 17:34

Tgt Ion:152 Resp: 39493
Ion Ratio Lower Upper
152 100
115 55.3 28.2 84.7
150 155.2 0.0 347.6

