

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011301.D
 Acq On : 04 Nov 2022 16:46
 Operator : KP/MD
 Sample : N5310-06
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-2

Quant Time: Nov 07 01:52:32 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	7.789	168	286051	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	506736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	443183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	191503	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	169140	55.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.580%
35) Dibromofluoromethane	7.716	113	175657	53.953	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.900%
50) Toluene-d8	10.179	98	609056	48.182	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.360%
62) 4-Bromofluorobenzene	12.477	95	217669	49.601	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.200%

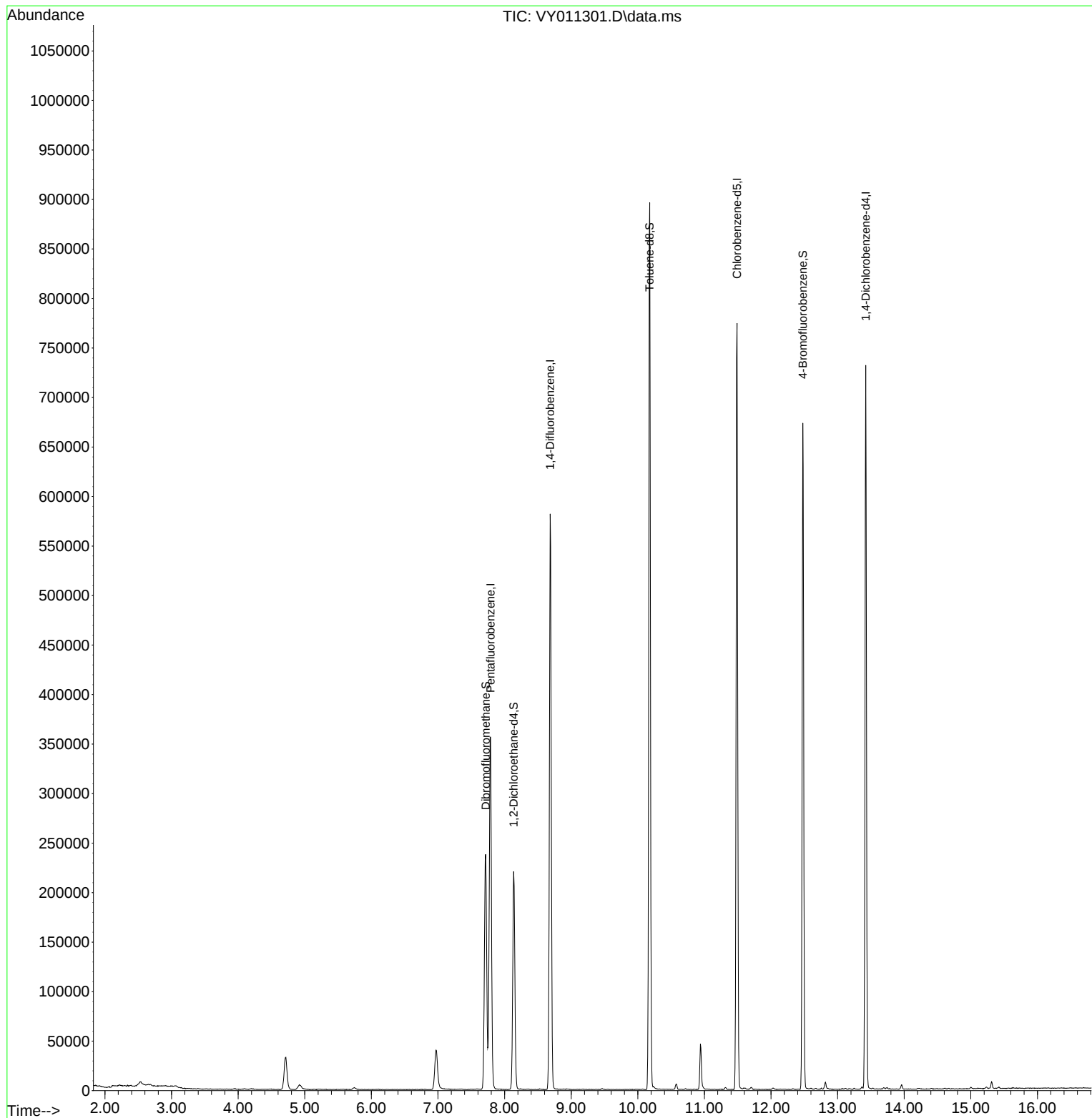
Target Compounds	Qvalue

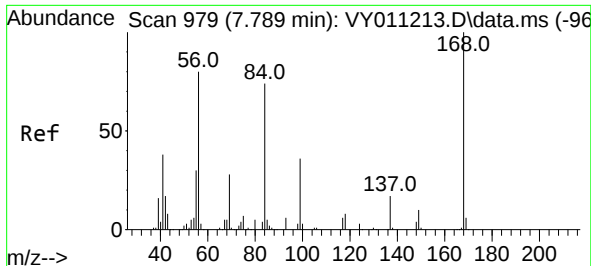
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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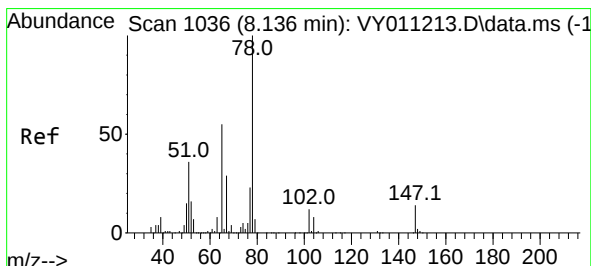
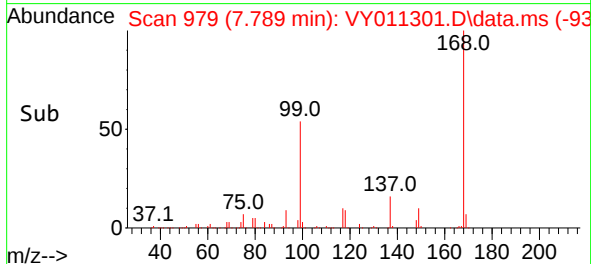
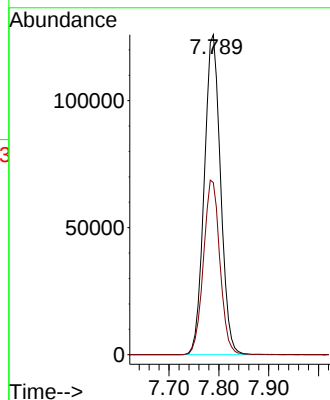
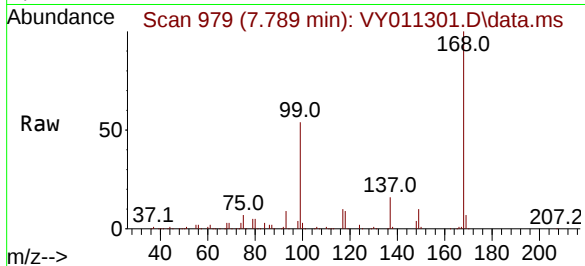




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011301.D
Acq: 04 Nov 2022 16:46

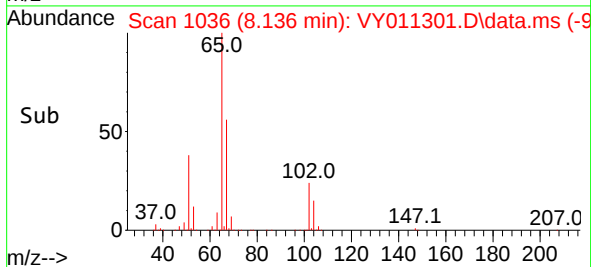
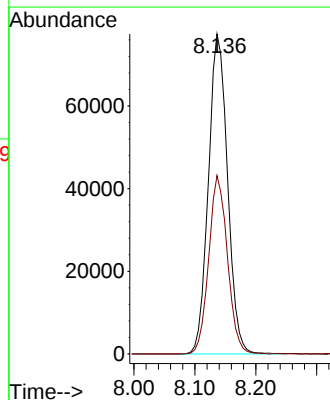
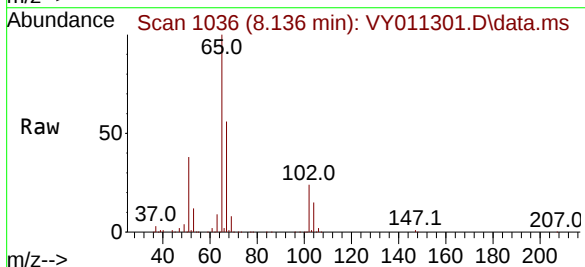
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-2

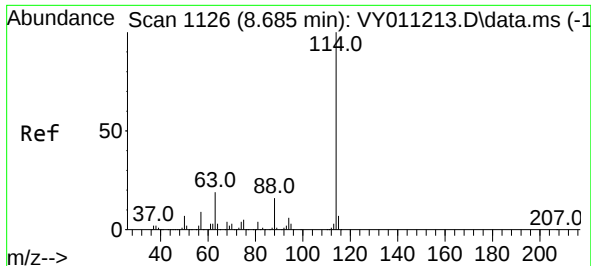
Tgt Ion:168 Resp: 286051
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.287 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY011301.D
Acq: 04 Nov 2022 16:46

Tgt Ion: 65 Resp: 169140
Ion Ratio Lower Upper
65 100
67 54.5 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: VY011301.D

Acq: 04 Nov 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-2

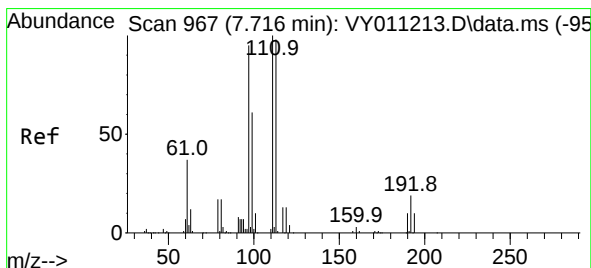
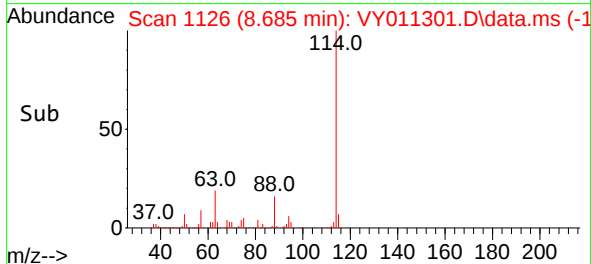
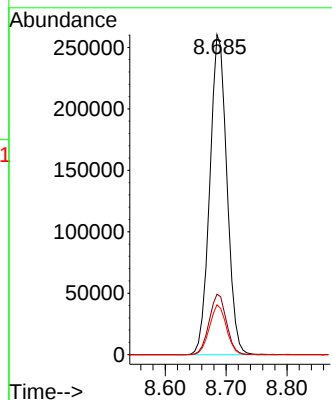
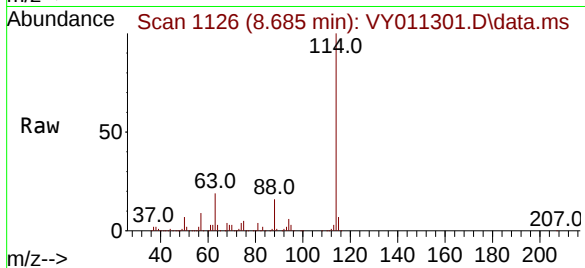
Tgt Ion:114 Resp: 506736

Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 15.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.953 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY011301.D

Acq: 04 Nov 2022 16:46

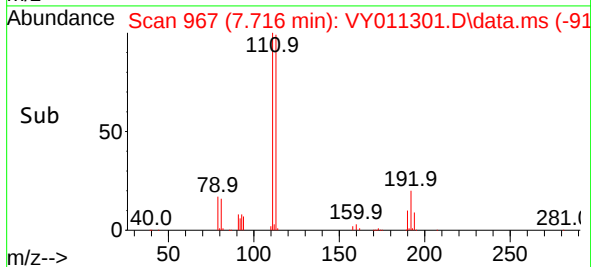
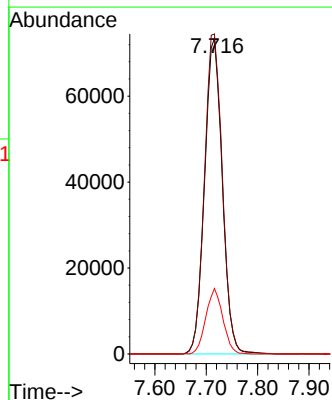
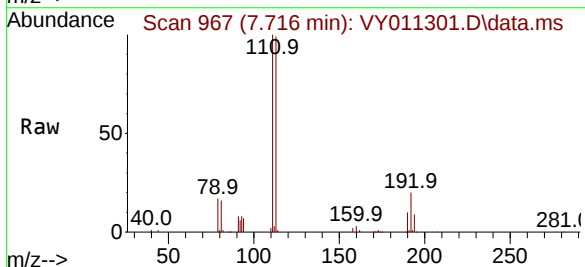
Tgt Ion:113 Resp: 175657

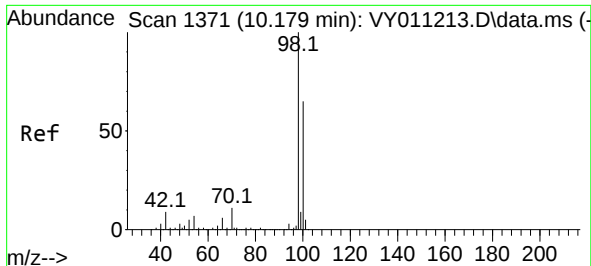
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 19.9 17.6 26.4

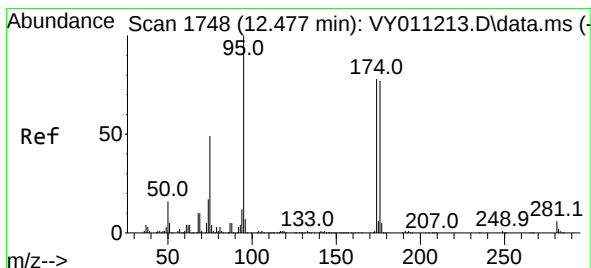
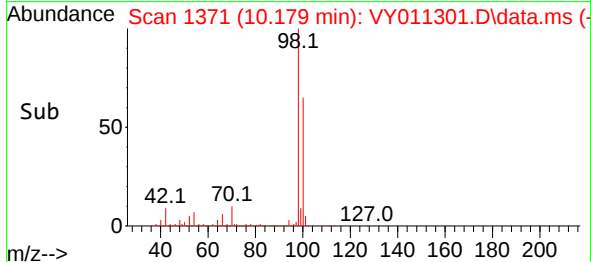
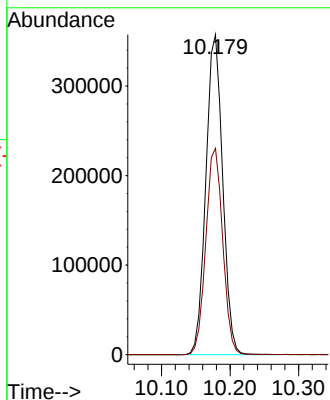
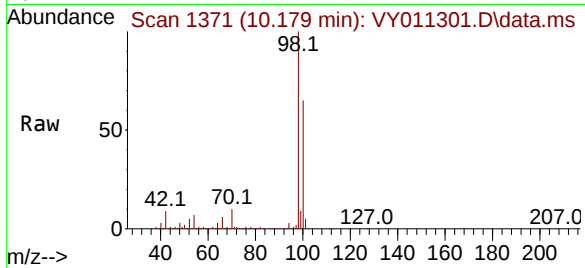




#50
Toluene-d8
Concen: 48.182 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011301.D
Acq: 04 Nov 2022 16:46

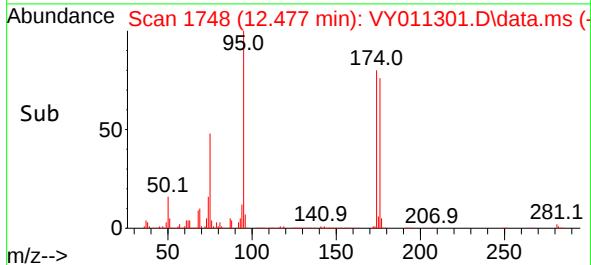
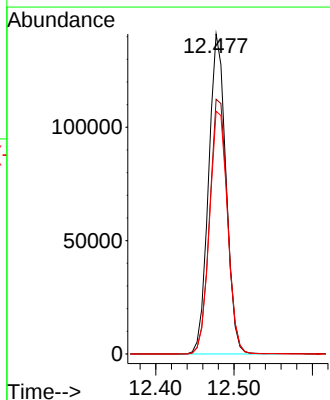
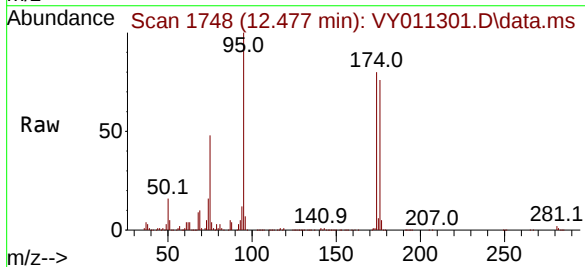
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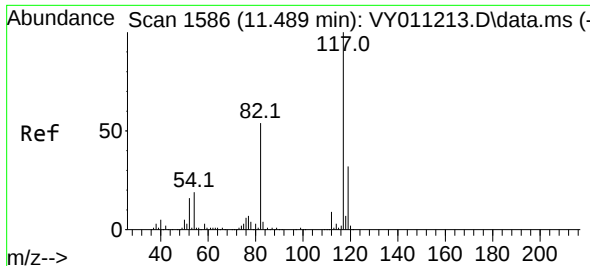
Tgt Ion: 98 Resp: 609056
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 49.601 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011301.D
Acq: 04 Nov 2022 16:46

Tgt Ion: 95 Resp: 217669
Ion Ratio Lower Upper
95 100
174 82.1 0.0 177.0
176 78.7 0.0 175.8

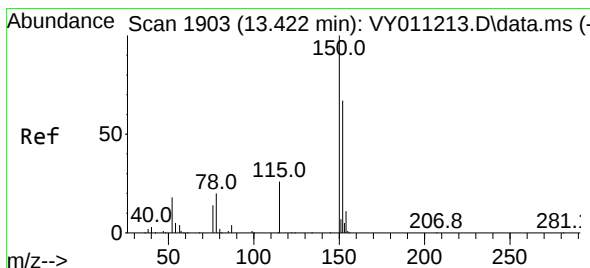
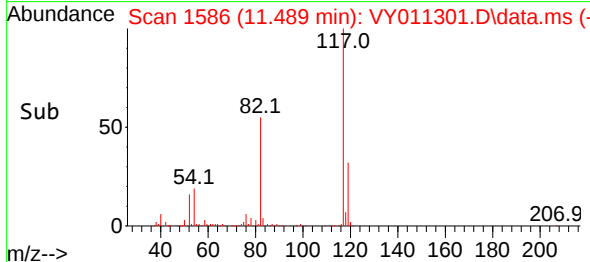
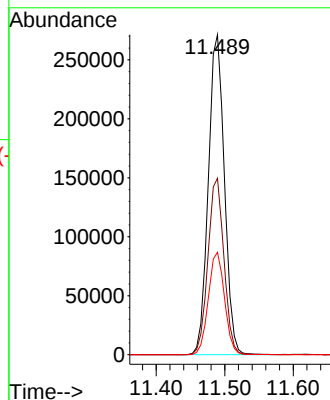
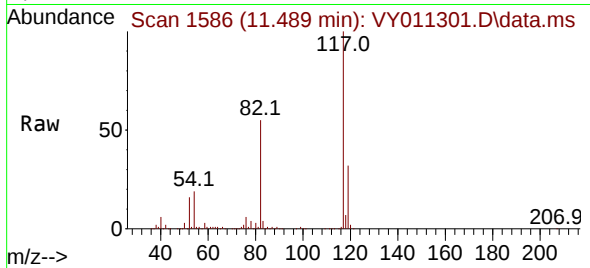




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY011301.D
Acq: 04 Nov 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-2

Tgt Ion:117 Resp: 443183
Ion Ratio Lower Upper
117 100
82 55.2 43.0 64.4
119 32.0 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: VY011301.D
Acq: 04 Nov 2022 16:46

Tgt Ion:152 Resp: 191503
Ion Ratio Lower Upper
152 100
115 58.8 28.2 84.7
150 157.1 0.0 347.6

