

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110121\
 Data File : VY006554.D
 Acq On : 01 Nov 2021 16:07
 Operator : SY/MD
 Sample : M4424-03
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 T2-EP02-N

Quant Time: Nov 02 03:30:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	120425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	169034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	76667	51.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.480%
35) Dibromofluoromethane	7.721	113	59118	52.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.820%
50) Toluene-d8	10.178	98	253071	53.430	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.860%
62) 4-Bromofluorobenzene	12.483	95	69952	43.843	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.680%

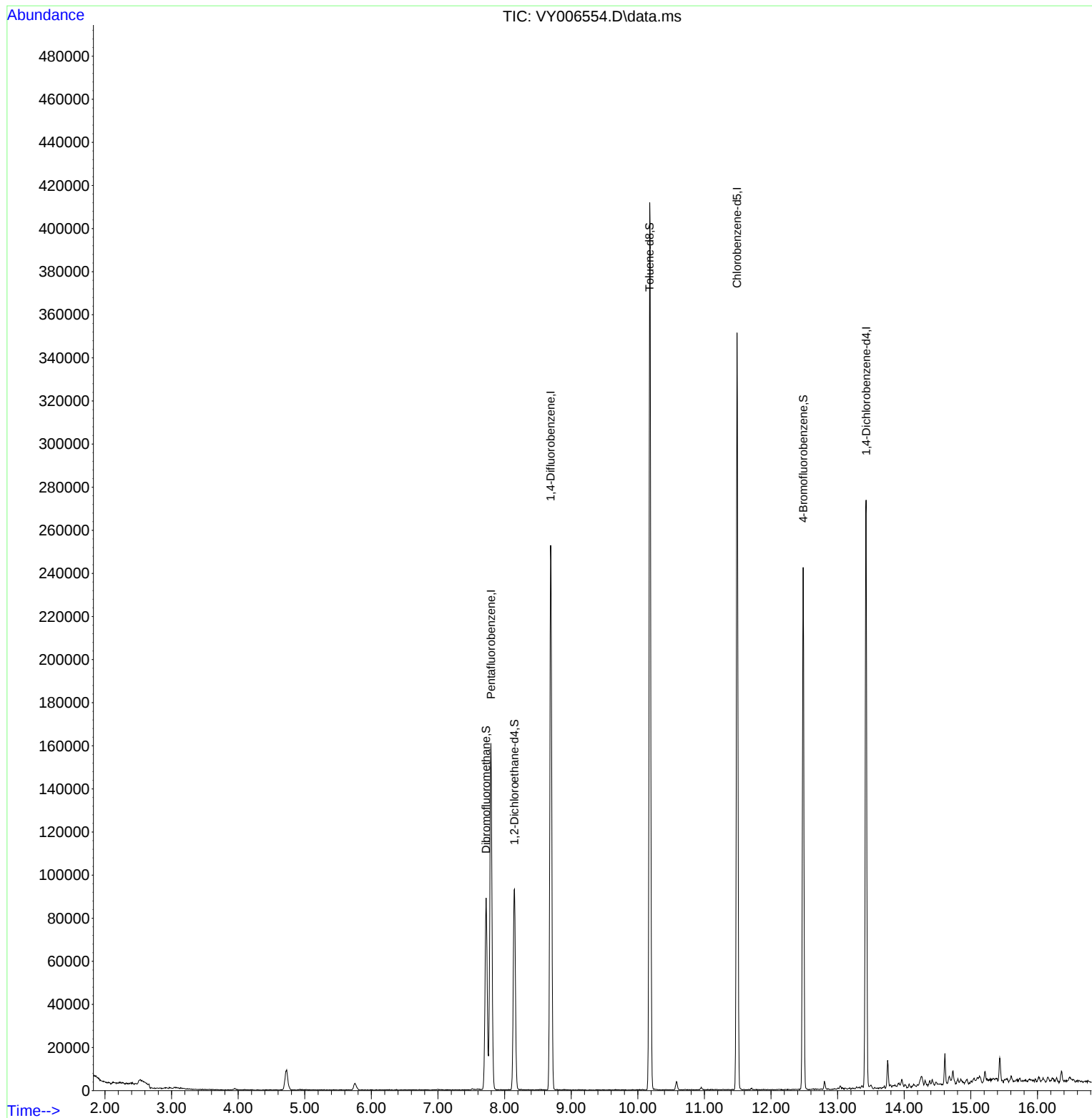
Target Compounds	Qvalue

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

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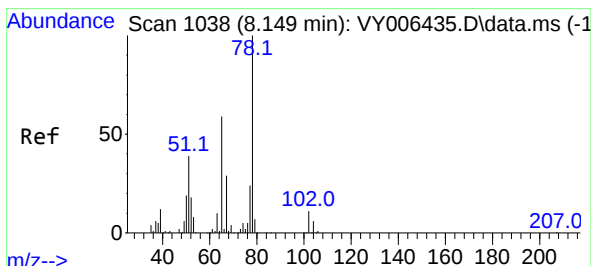
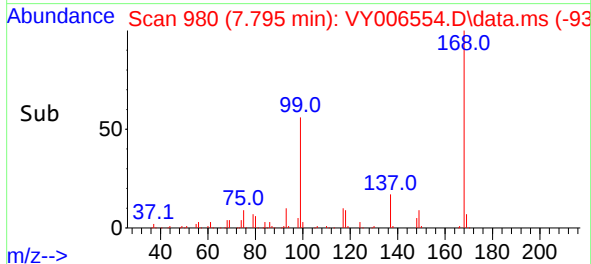
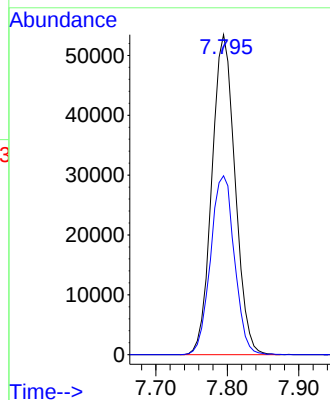
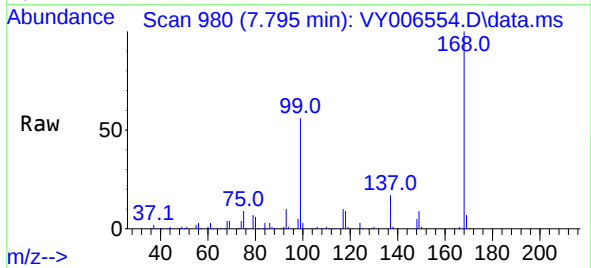




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

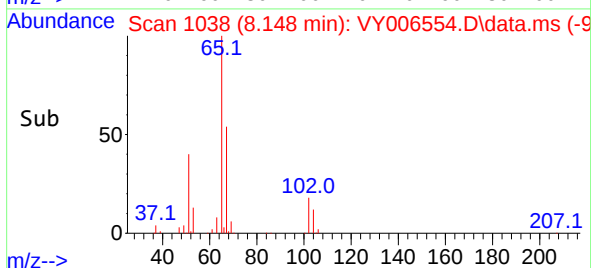
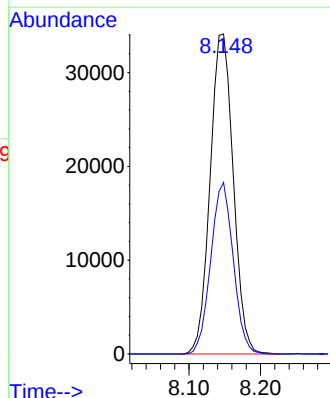
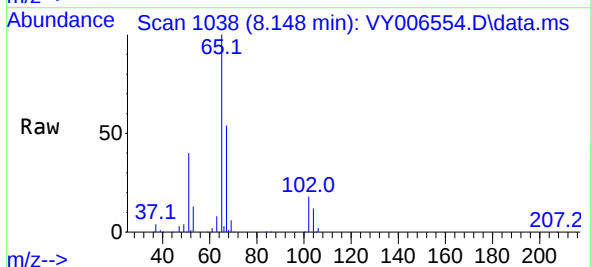
Instrument :
MSVOA_Y
ClientSampleId :
T2-EP02-N

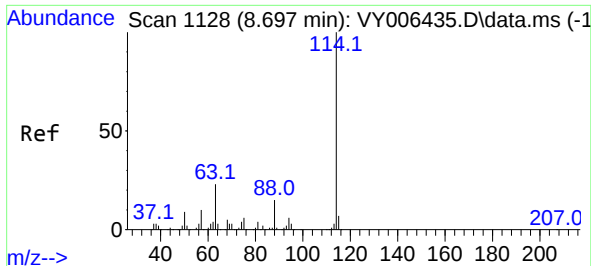
Tgt Ion:168 Resp: 120425
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 51.735 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Tgt Ion: 65 Resp: 76667
Ion Ratio Lower Upper
65 100
67 52.1 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.007 min

Lab File: VY006554.D

Acq: 01 Nov 2021 16:07

Instrument :

MSVOA_Y

ClientSampleId :

T2-EP02-N

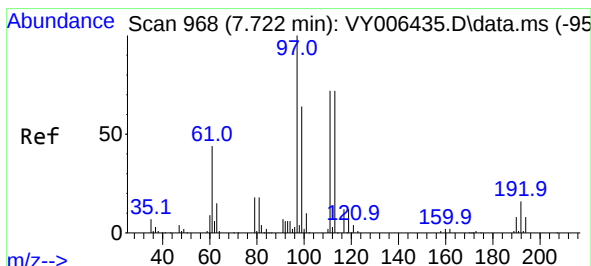
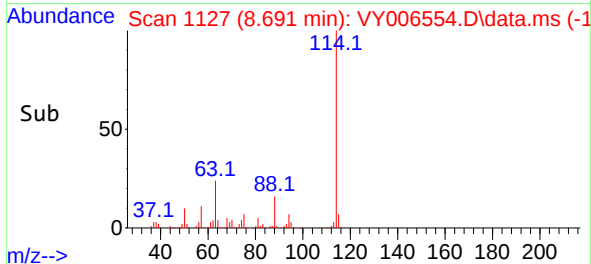
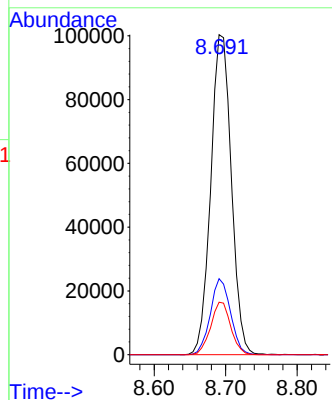
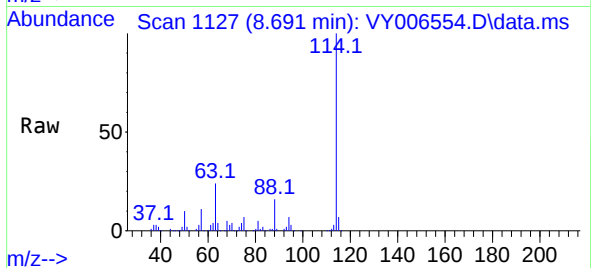
Tgt Ion:114 Resp: 200461

Ion Ratio Lower Upper

114 100

63 23.7 0.0 45.0

88 16.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.911 ug/l

RT: 7.721 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY006554.D

Acq: 01 Nov 2021 16:07

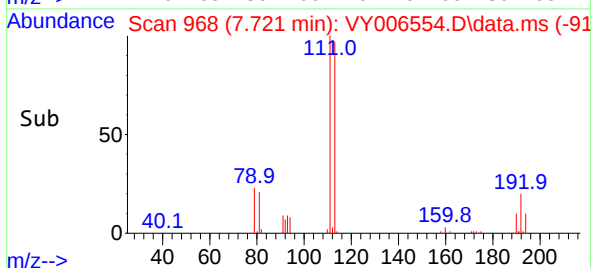
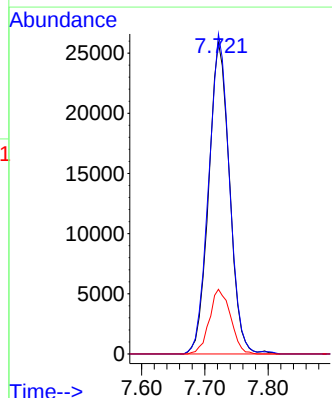
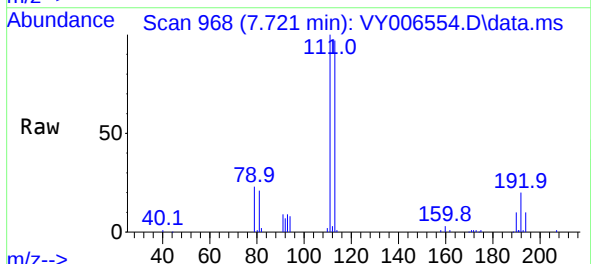
Tgt Ion:113 Resp: 59118

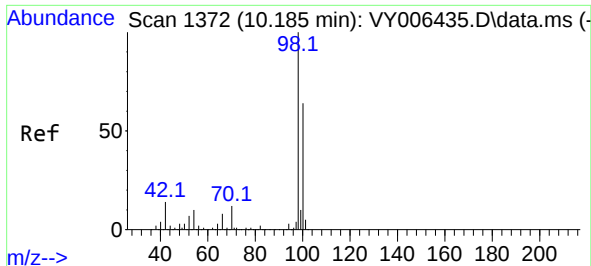
Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

192 21.1 17.4 26.2

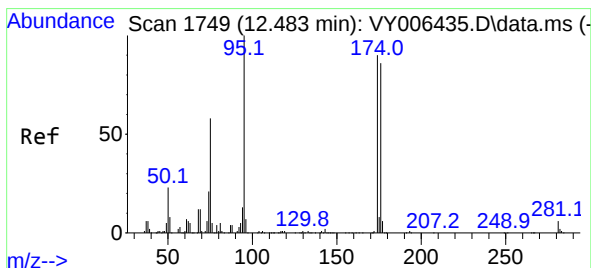
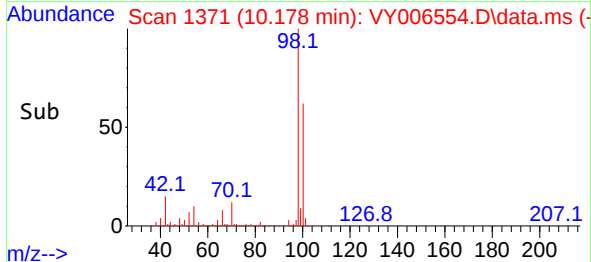
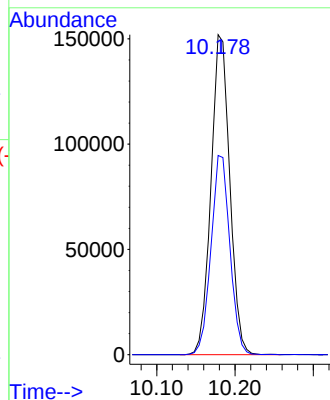
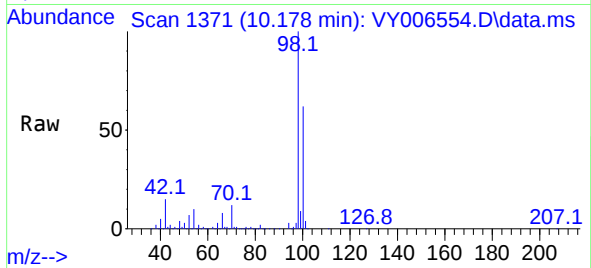




#50
Toluene-d8
Concen: 53.430 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

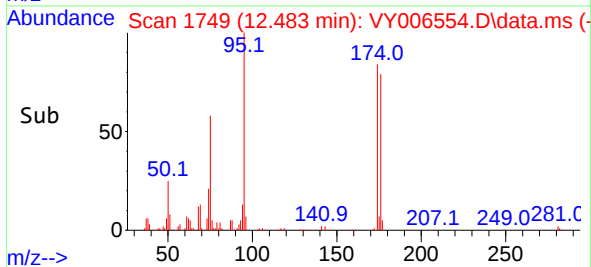
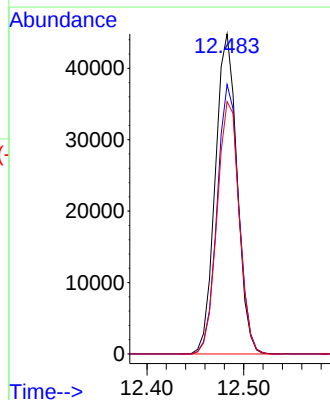
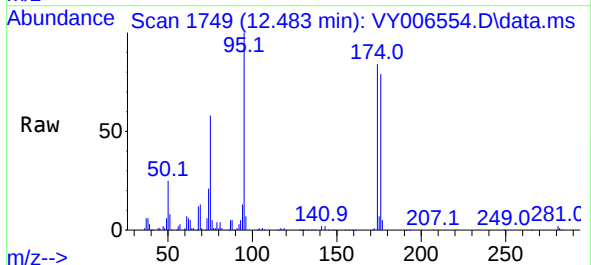
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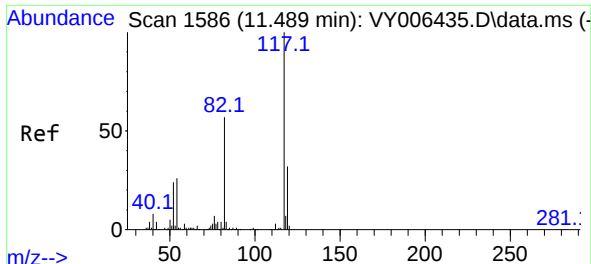
Tgt Ion: 98 Resp: 253071
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 43.843 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Tgt Ion: 95 Resp: 69952
Ion Ratio Lower Upper
95 100
174 83.9 0.0 177.0
176 80.0 0.0 169.4

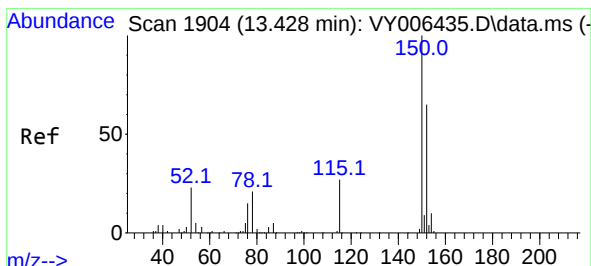
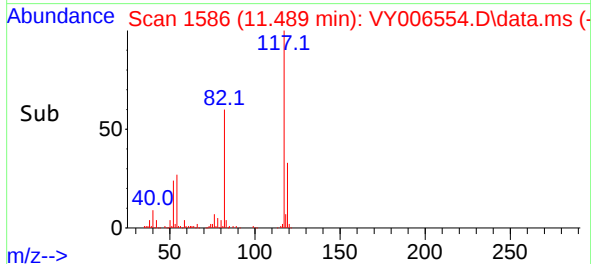
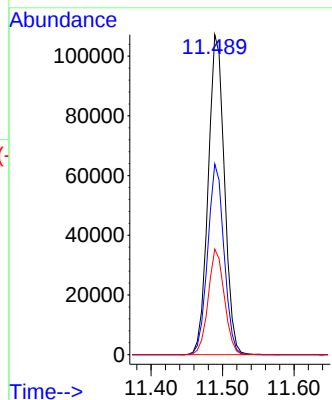
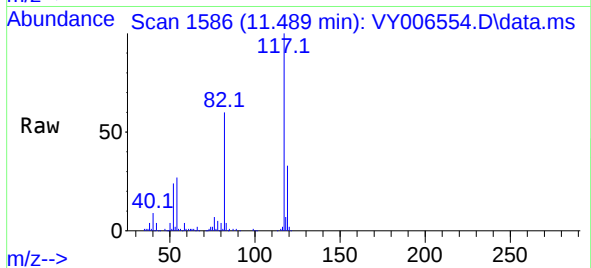




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Instrument :
MSVOA_Y
ClientSampleId :
T2-EP02-N

Tgt Ion:117 Resp: 169034
Ion Ratio Lower Upper
117 100
82 59.6 45.7 68.5
119 32.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006554.D
Acq: 01 Nov 2021 16:07

Tgt Ion:152 Resp: 66502
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.5
150 155.0 0.0 348.2

