

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020822\
 Data File : VY007431.D
 Acq On : 08 Feb 2022 14:23
 Operator : SY/MD
 Sample : N1432-04
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-2

Quant Time: Feb 09 00:54:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	102673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	194982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	185985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78560	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69039	58.459	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.920%
35) Dibromofluoromethane	7.716	113	64627	51.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.240%
50) Toluene-d8	10.179	98	238662	51.595	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.180%
62) 4-Bromofluorobenzene	12.483	95	84453	53.715	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.440%

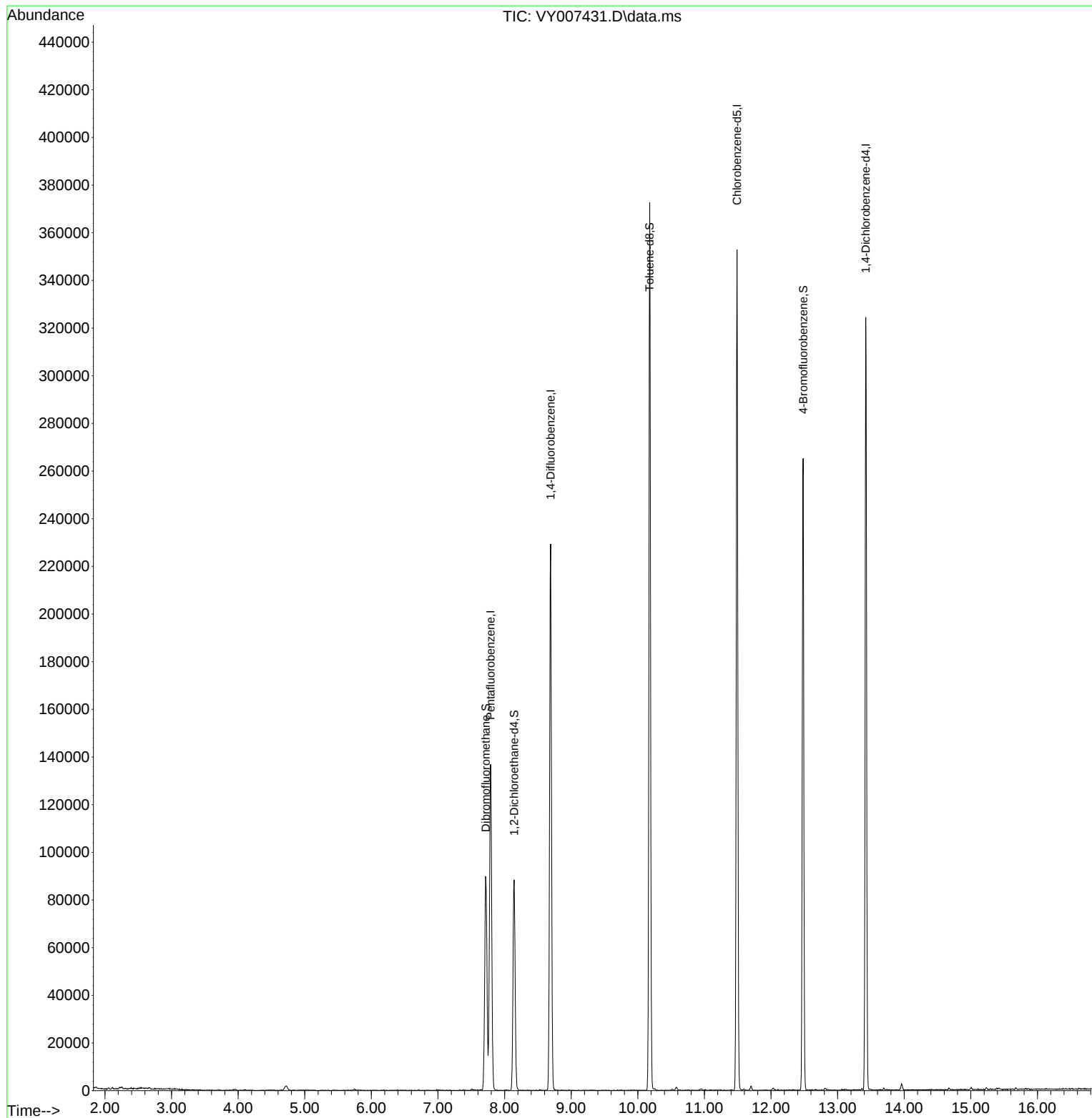
Target Compounds	Qvalue

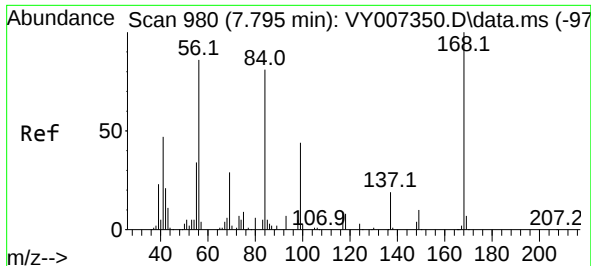
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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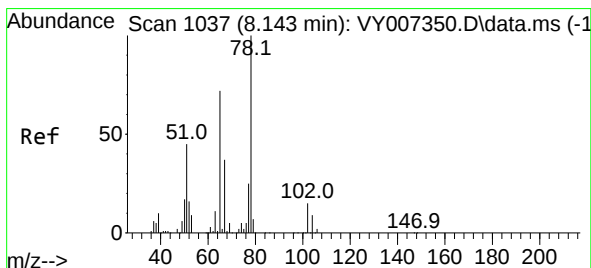
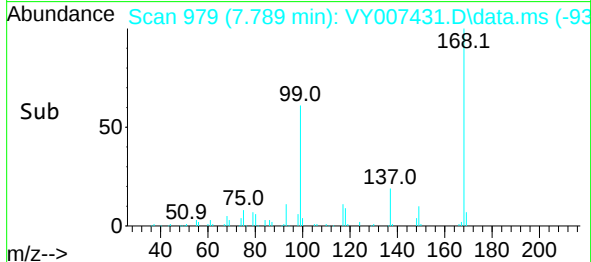
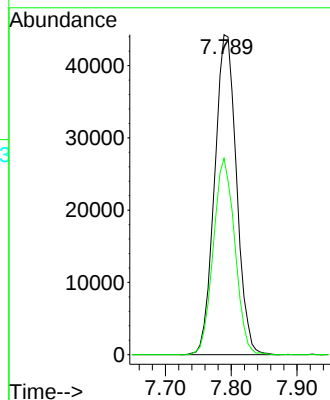
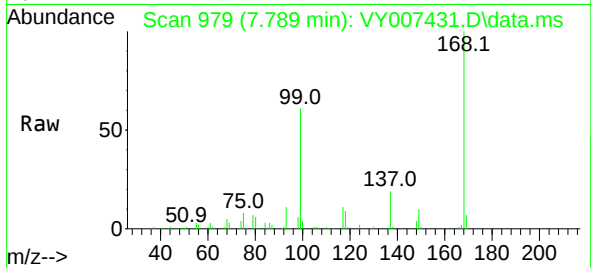




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

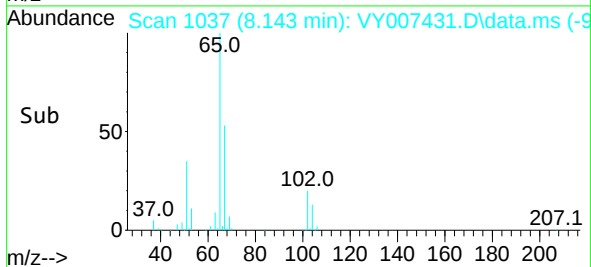
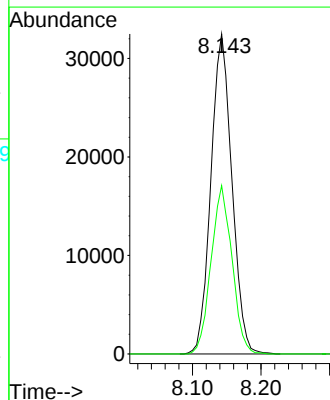
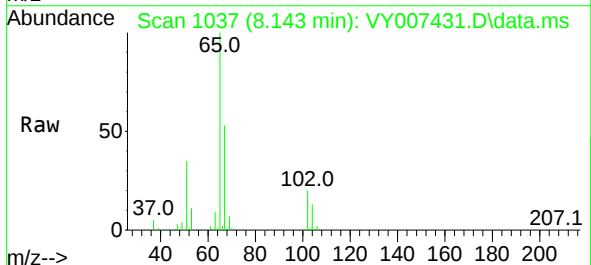
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

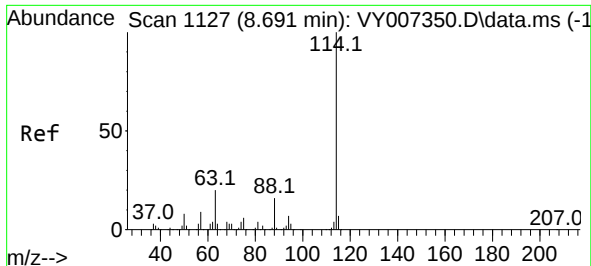
Tgt Ion:168 Resp: 102673
Ion Ratio Lower Upper
168 100
99 61.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 58.459 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 65 Resp: 69039
Ion Ratio Lower Upper
65 100
67 52.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007431.D

Acq: 08 Feb 2022 14:23

Instrument :

MSVOA_Y

ClientSampleId :

SP-2

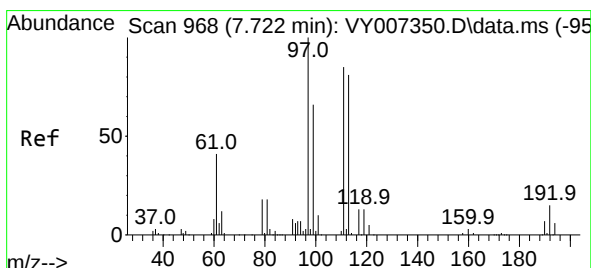
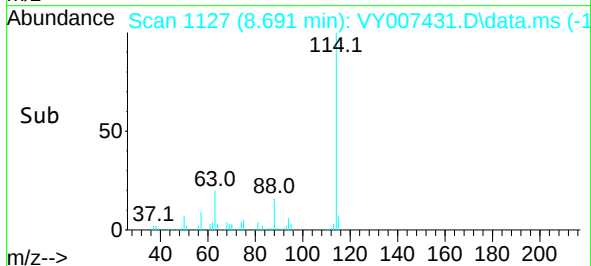
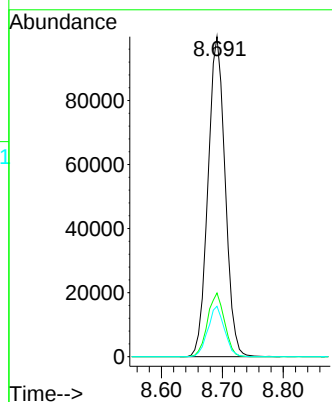
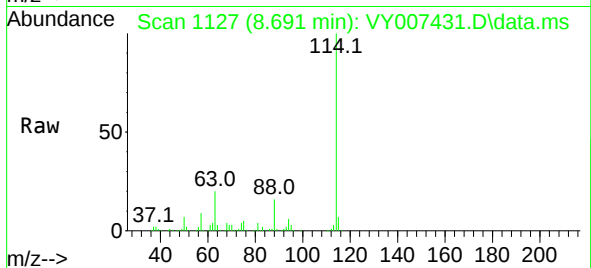
Tgt Ion:114 Resp: 194982

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

88 15.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.617 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007431.D

Acq: 08 Feb 2022 14:23

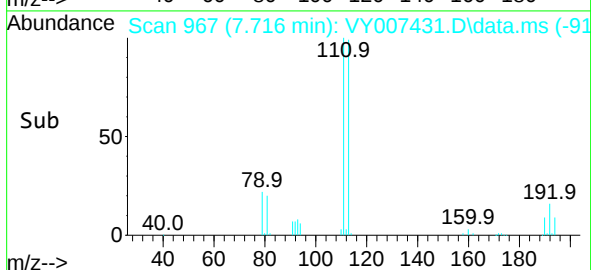
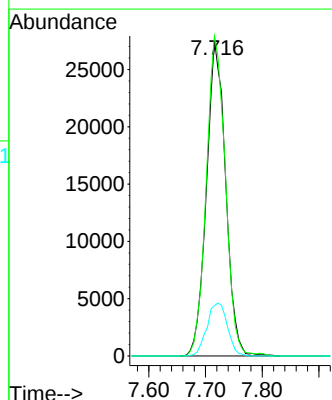
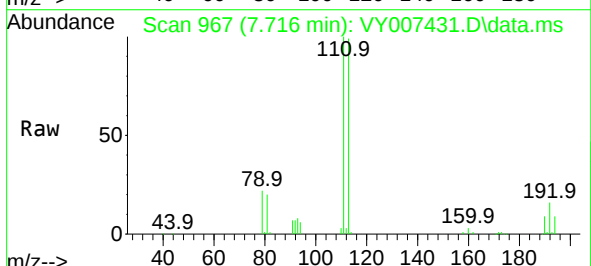
Tgt Ion:113 Resp: 64627

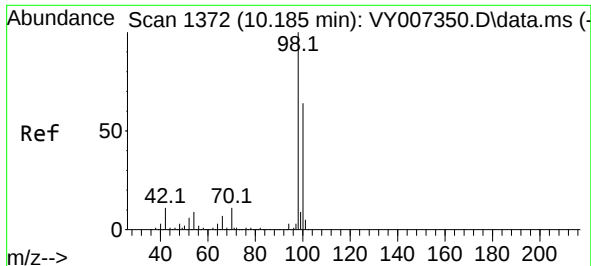
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 17.9 17.6 26.4

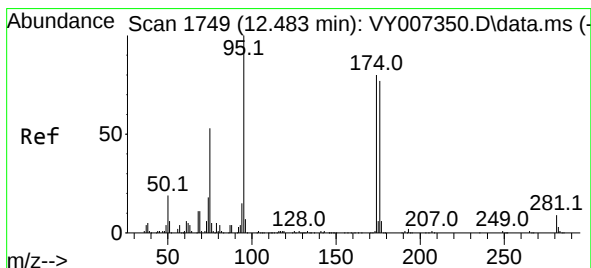
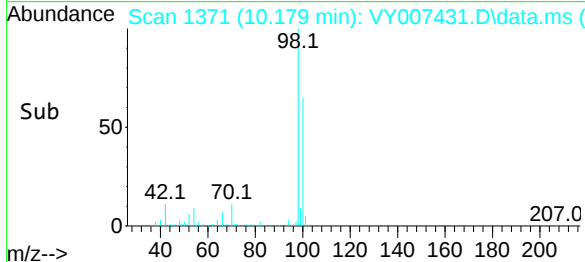
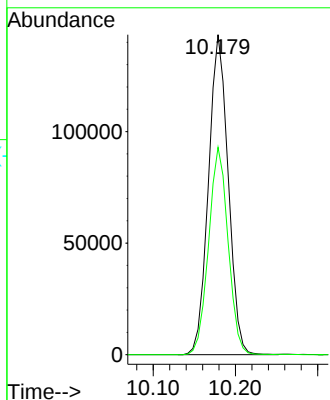
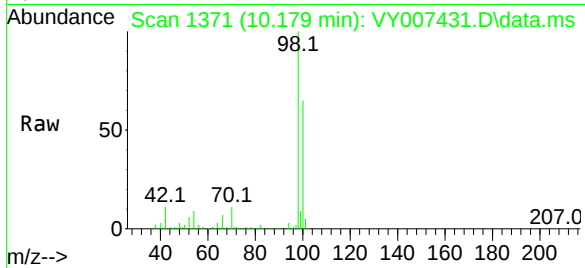




#50
Toluene-d8
Concen: 51.595 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

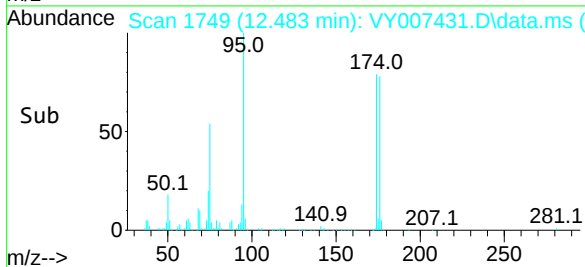
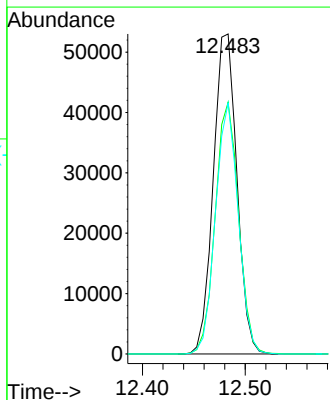
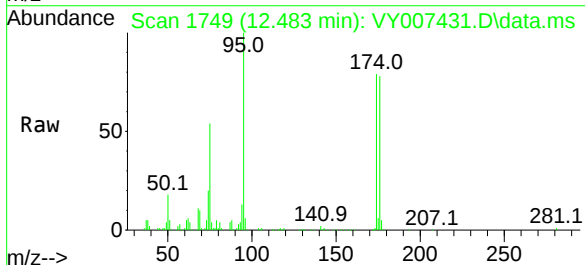
Instrument :
MSVOA_Y
ClientSampleId :
SP-2

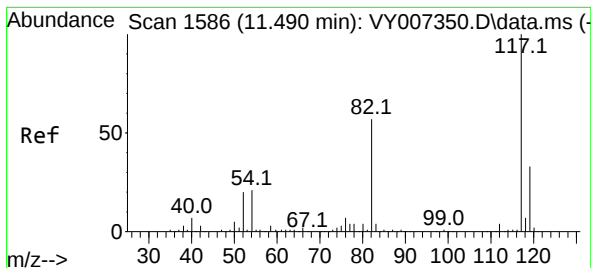
Tgt Ion: 98 Resp: 238662
Ion Ratio Lower Upper
98 100
100 64.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 53.715 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion: 95 Resp: 84453
Ion Ratio Lower Upper
95 100
174 77.8 0.0 177.0
176 75.5 0.0 175.8

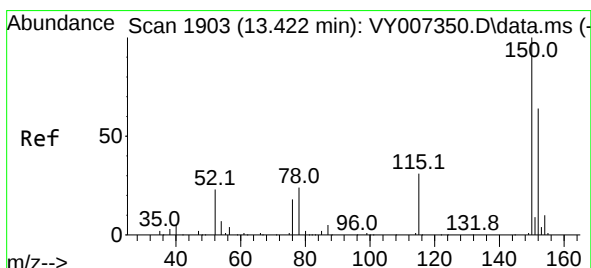
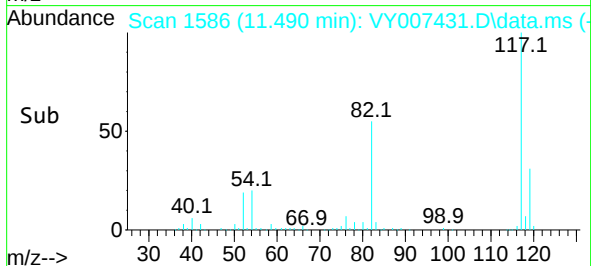
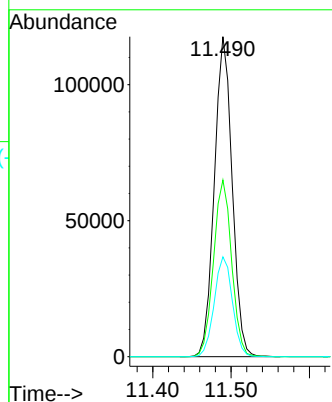
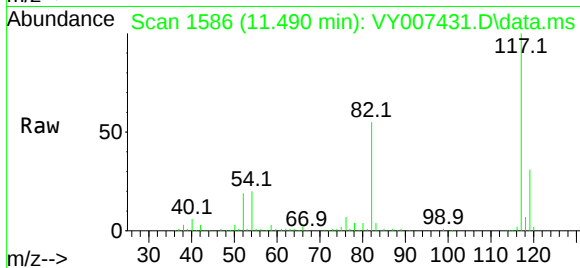




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007431.D
Acq: 08 Feb 2022 14:23

Instrument :
MSVOA_Y
ClientSampleId :
SP-2

Tgt Ion:117 Resp: 185985
Ion Ratio Lower Upper
117 100
82 55.2 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: VY007431.D
Acq: 08 Feb 2022 14:23

Tgt Ion:152 Resp: 78560
Ion Ratio Lower Upper
152 100
115 62.2 28.2 84.7
150 158.7 0.0 347.6

