

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007526.D
 Acq On : 17 Feb 2022 16:38
 Operator : SY/MD
 Sample : N1580-01
 Misc : 4.80g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-1

Quant Time: Feb 18 07:41:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 15 09:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	62665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	113274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	116450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	54341	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	37211	53.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.560%
35) Dibromofluoromethane	7.716	113	38530	53.938	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.880%
50) Toluene-d8	10.179	98	139386	51.374	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.740%
62) 4-Bromofluorobenzene	12.477	95	52551	57.123	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.240%

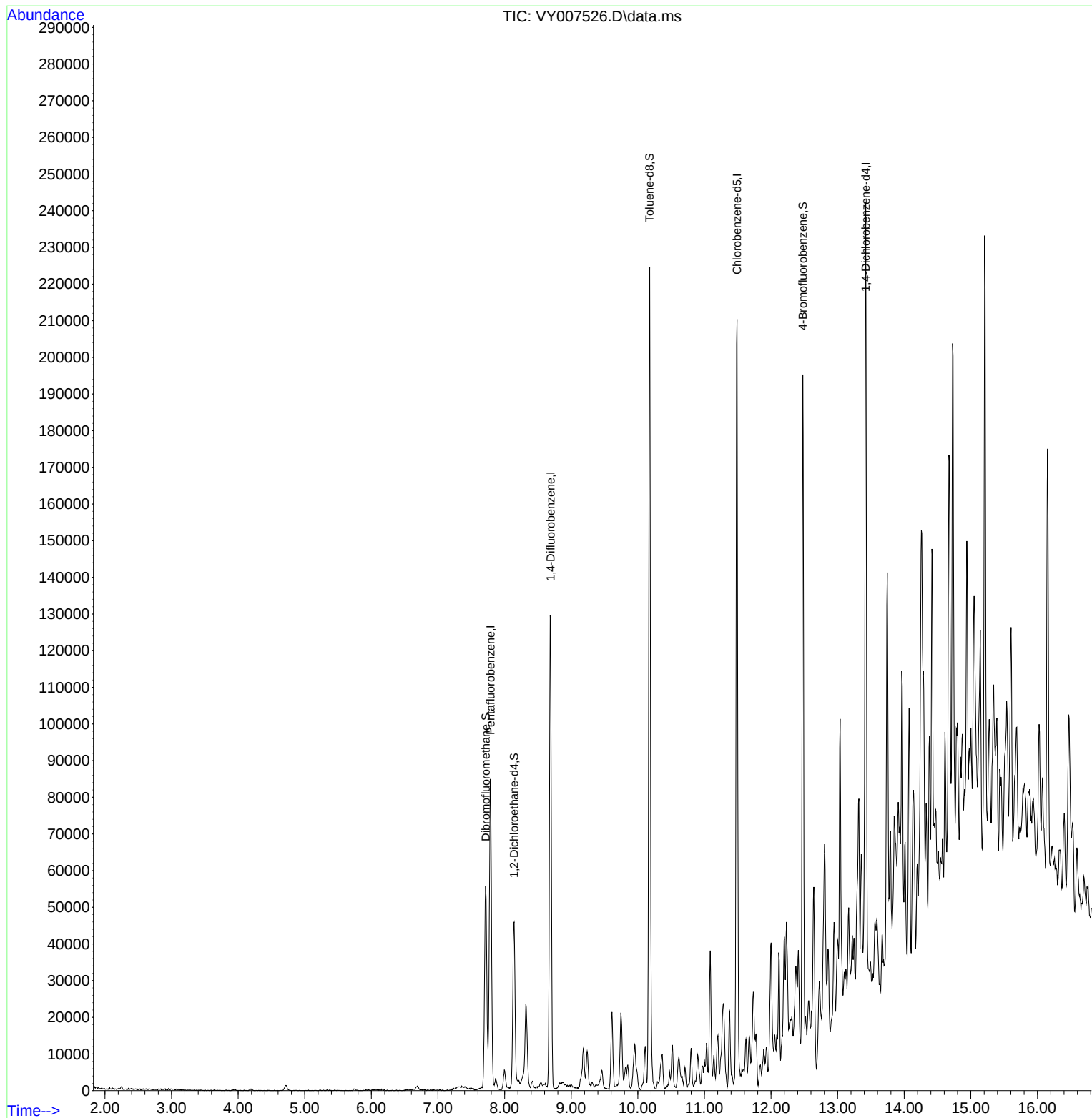
Target Compounds	Qvalue

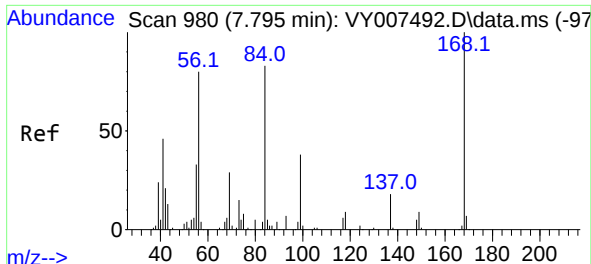
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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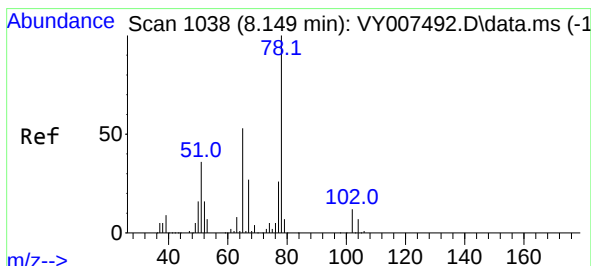
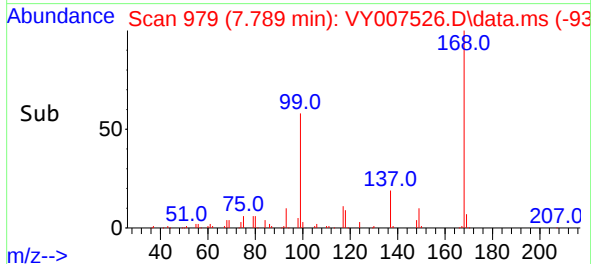
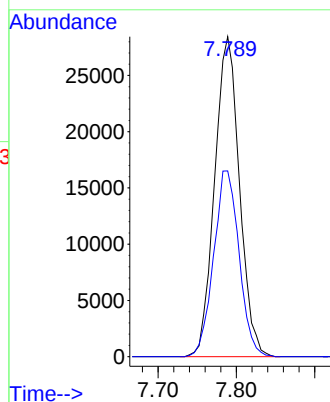
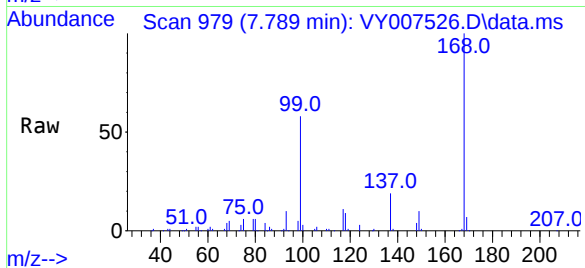




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007526.D
Acq: 17 Feb 2022 16:38

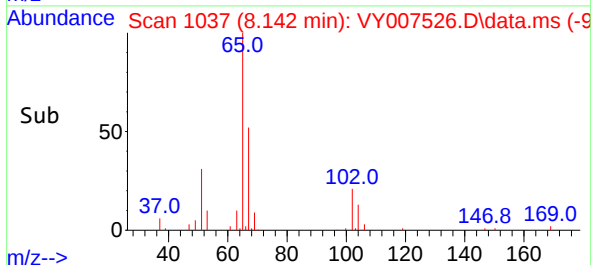
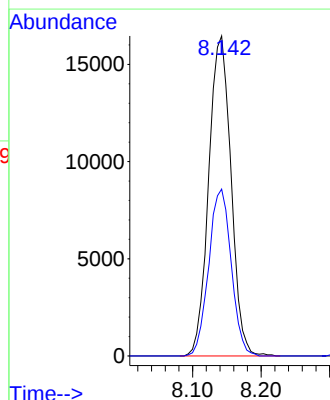
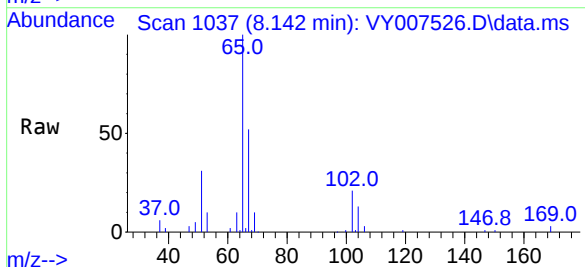
Instrument :
MSVOA_Y
ClientSampleId :
D-1

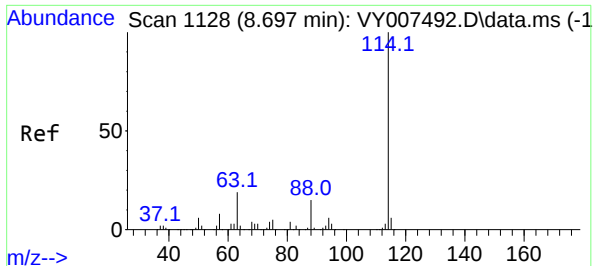
Tgt Ion:168 Resp: 62665
Ion Ratio Lower Upper
168 100
99 58.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 53.784 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007526.D
Acq: 17 Feb 2022 16:38

Tgt Ion: 65 Resp: 37211
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007526.D

Acq: 17 Feb 2022 16:38

Instrument :

MSVOA_Y

ClientSampleId :

D-1

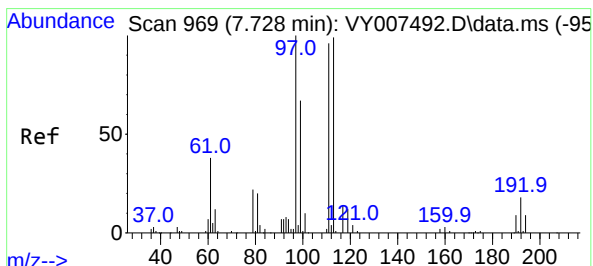
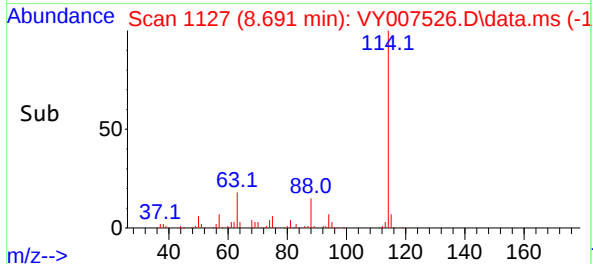
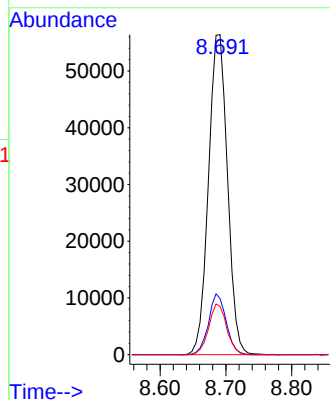
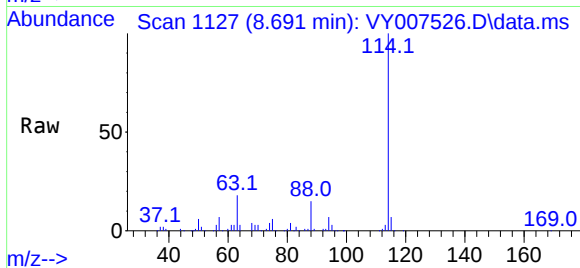
Tgt Ion:114 Resp: 113274

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 15.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.938 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007526.D

Acq: 17 Feb 2022 16:38

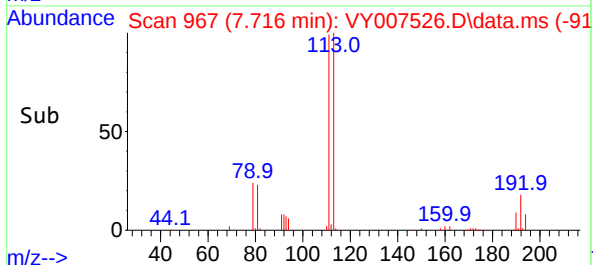
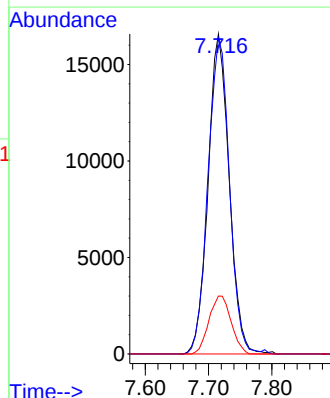
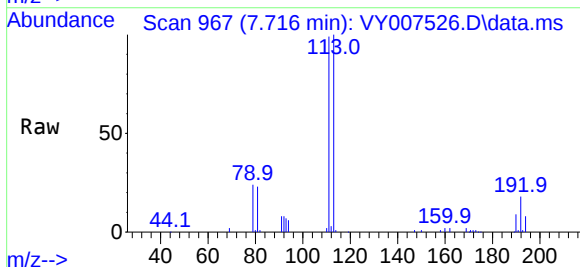
Tgt Ion:113 Resp: 38530

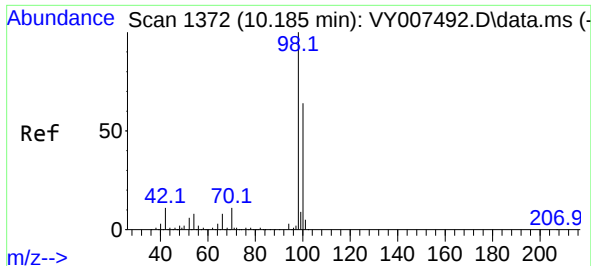
Ion Ratio Lower Upper

113 100

111 99.9 82.6 124.0

192 18.9 17.6 26.4

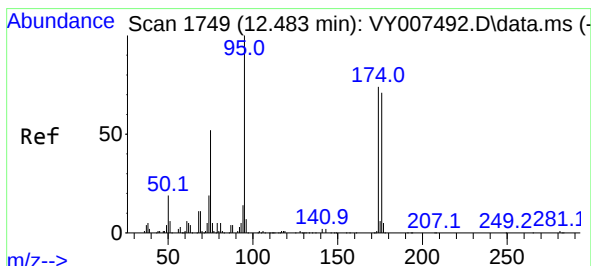
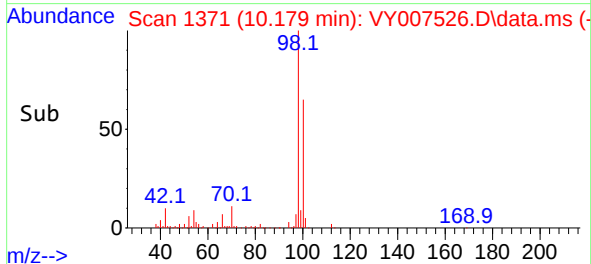
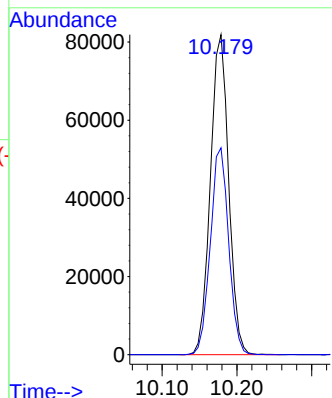
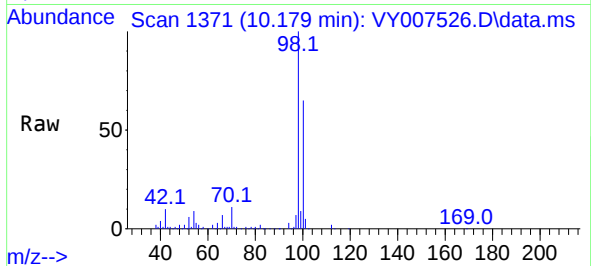




#50
Toluene-d8
Concen: 51.374 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007526.D
Acq: 17 Feb 2022 16:38

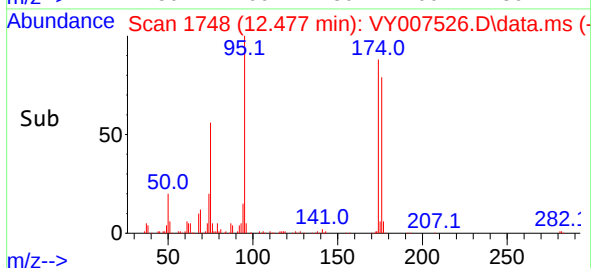
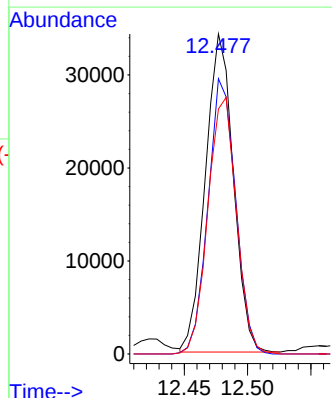
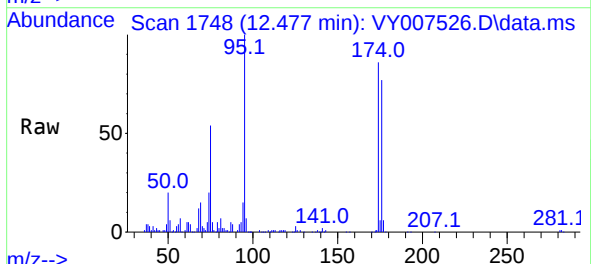
Instrument :
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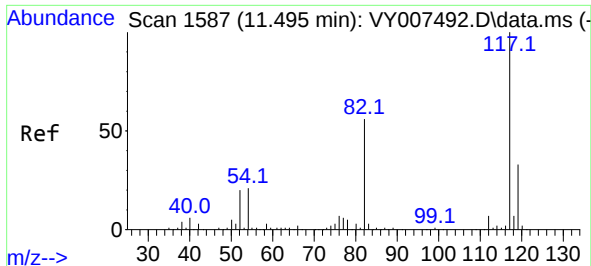
Tgt Ion: 98 Resp: 139386
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 57.123 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007526.D
Acq: 17 Feb 2022 16:38

Tgt Ion: 95 Resp: 52551
Ion Ratio Lower Upper
95 100
174 85.6 0.0 177.0
176 82.3 0.0 175.8

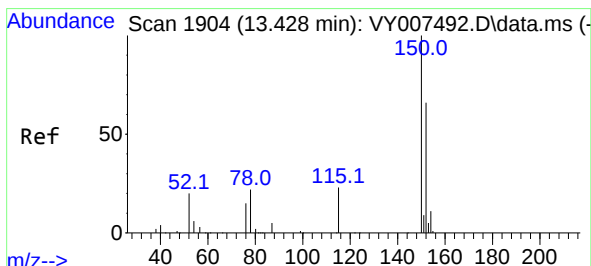
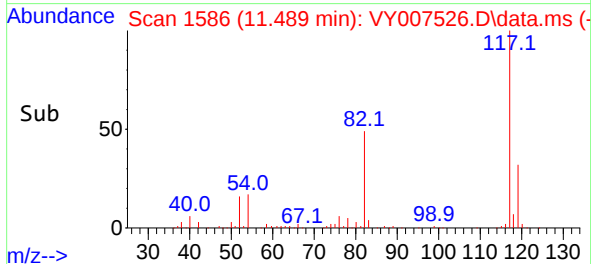
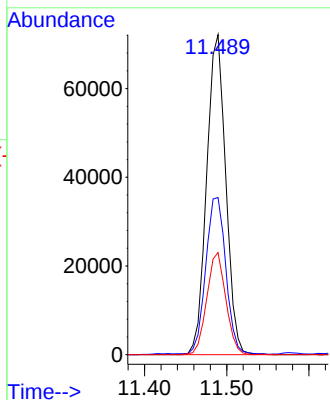
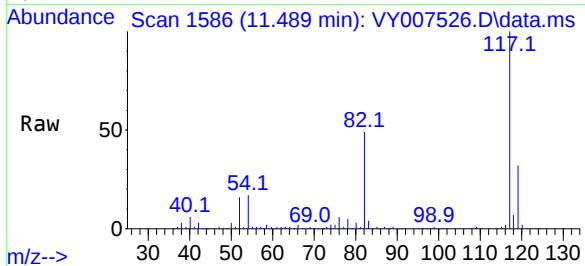




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007526.D
Acq: 17 Feb 2022 16:38

Instrument :
MSVOA_Y
ClientSampleId :
D-1

Tgt Ion:117 Resp: 116450
Ion Ratio Lower Upper
117 100
82 48.9 43.0 64.4
119 31.9 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: VY007526.D
Acq: 17 Feb 2022 16:38

Tgt Ion:152 Resp: 54341
Ion Ratio Lower Upper
152 100
115 58.1 28.2 84.7
150 154.5 0.0 347.6

