

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008489.D
 Acq On : 25 Apr 2022 18:01
 Operator : KP/MD
 Sample : N2548-04RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-8DRE

Quant Time: Apr 26 01:58:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	20383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	33174	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	27953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	10968	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9042	37.702	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.400%
35) Dibromofluoromethane	7.716	113	9499	44.367	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.740%
50) Toluene-d8	10.179	98	37686	44.422	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	88.840%
62) 4-Bromofluorobenzene	12.483	95	11042	38.301	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	76.600%

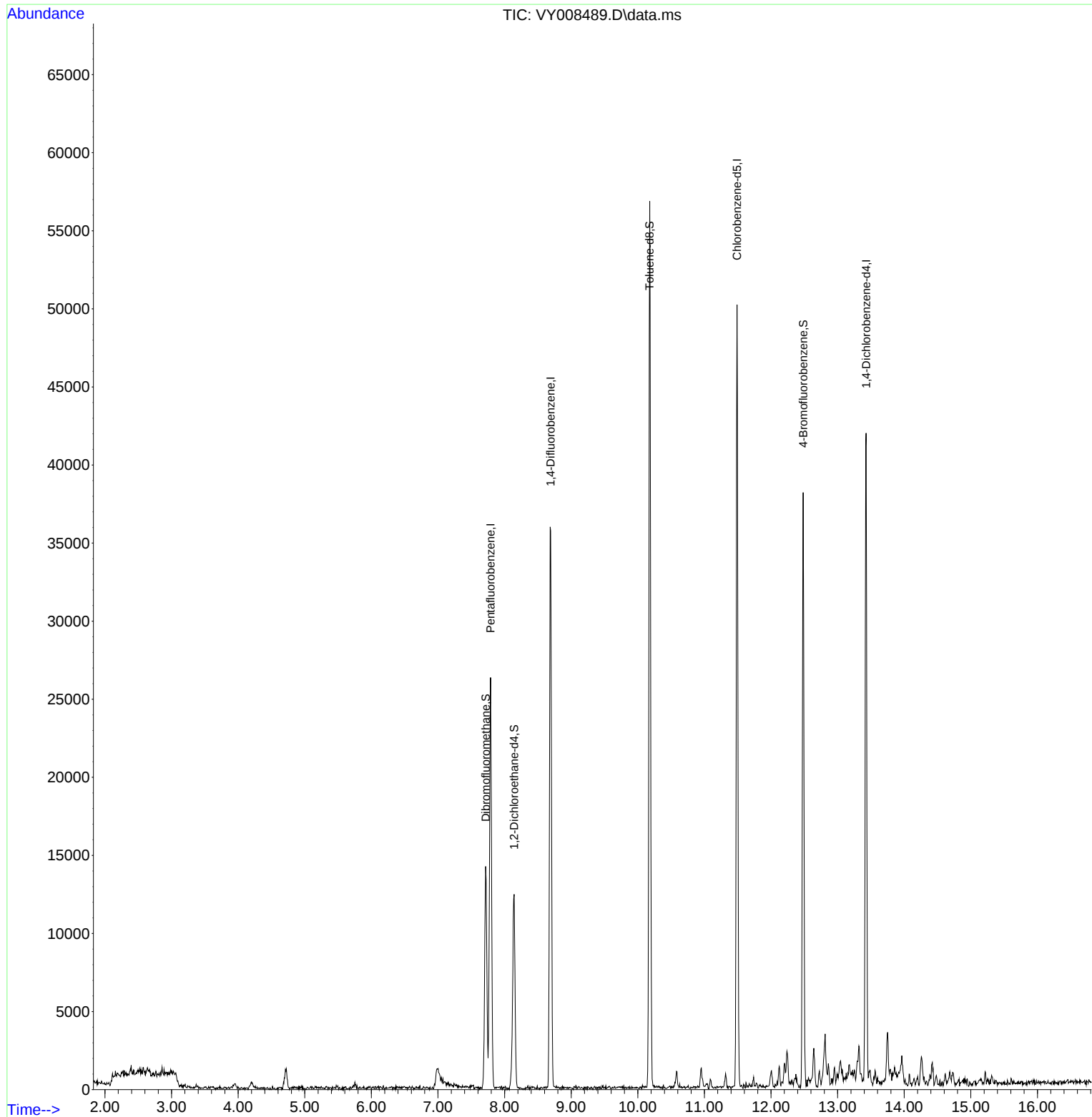
Target Compounds	Qvalue

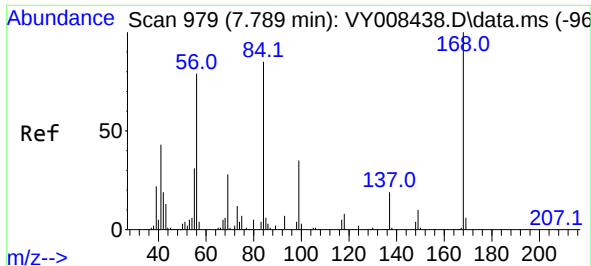
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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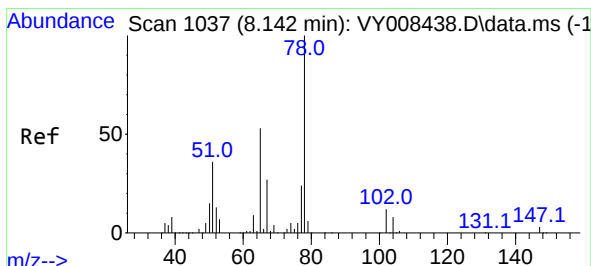
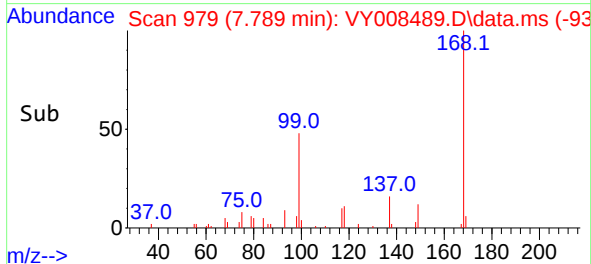
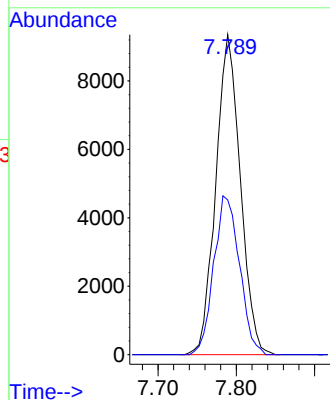
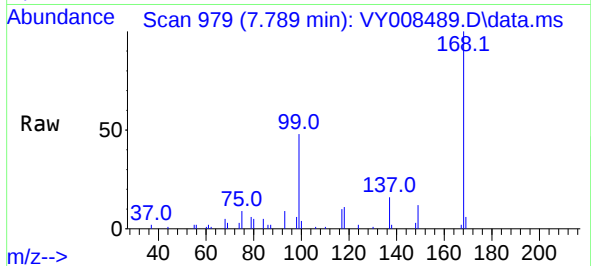




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

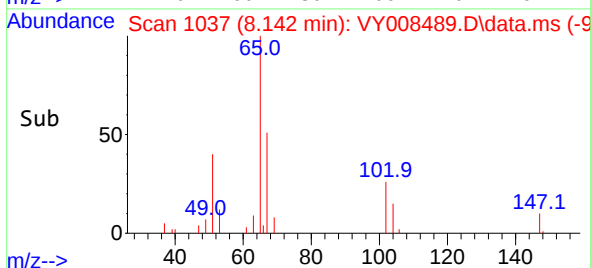
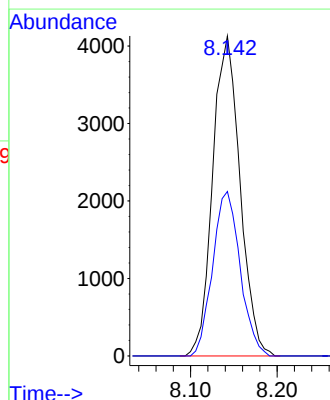
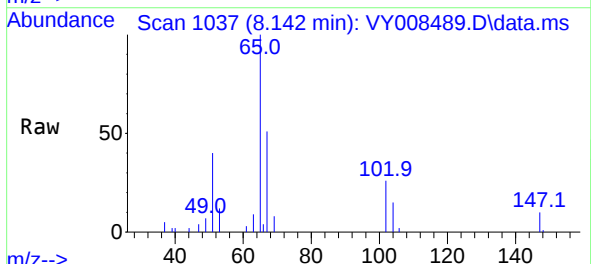
Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

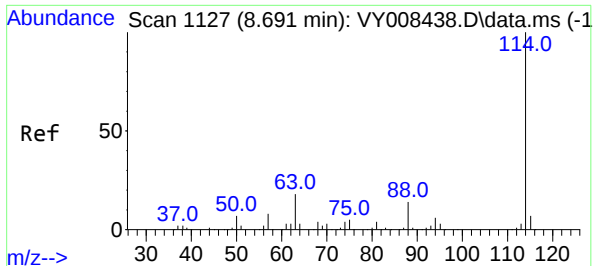
Tgt Ion:168 Resp: 20383
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 37.702 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 65 Resp: 9042
Ion Ratio Lower Upper
65 100
67 51.7 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: VY008489.D

Acq: 25 Apr 2022 18:01

Instrument :

MSVOA_Y

ClientSampleId :

MH-8DRE

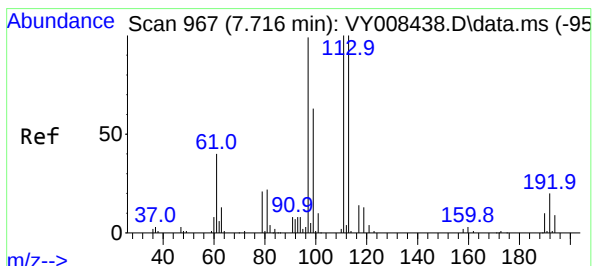
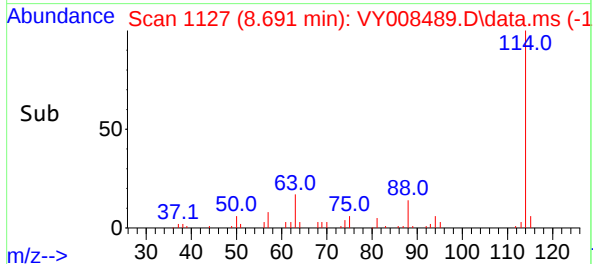
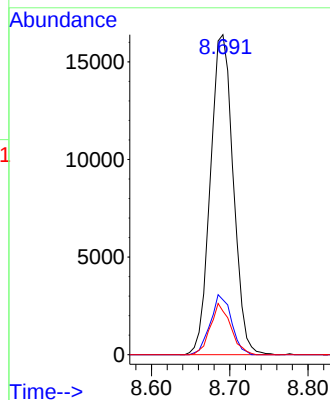
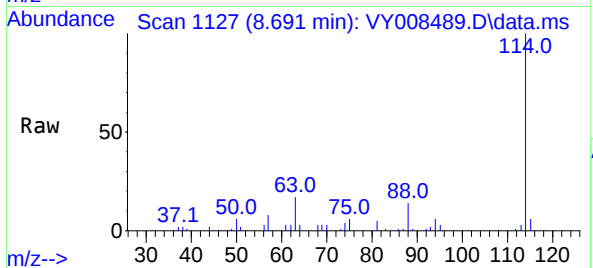
Tgt Ion:114 Resp: 33174

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.367 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008489.D

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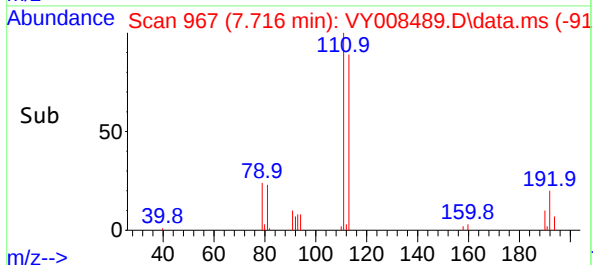
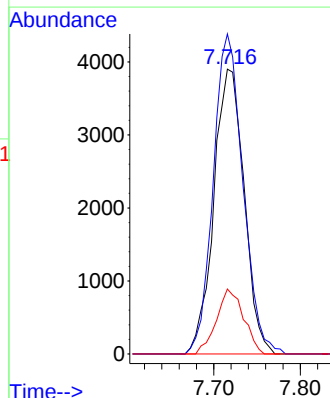
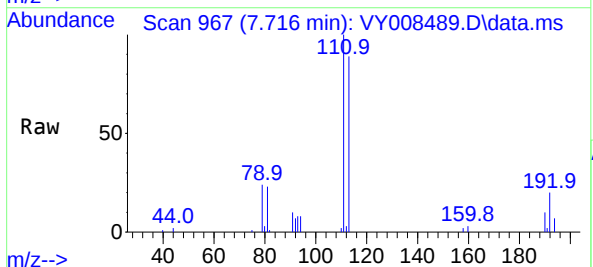
Tgt Ion:113 Resp: 9499

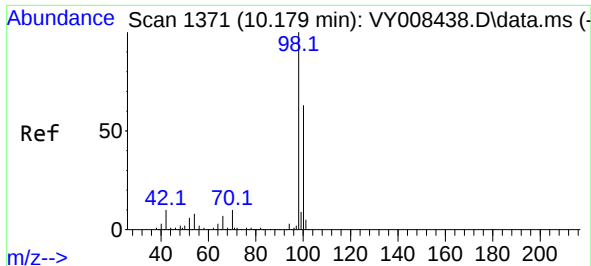
Ion Ratio Lower Upper

113 100

111 109.5 82.6 124.0

192 20.4 17.6 26.4

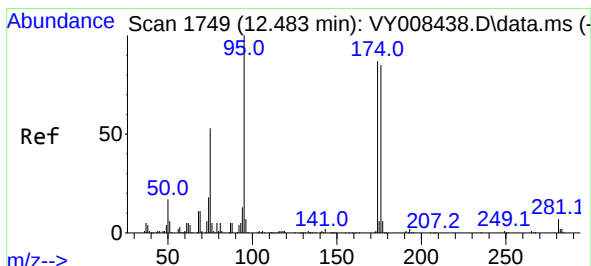
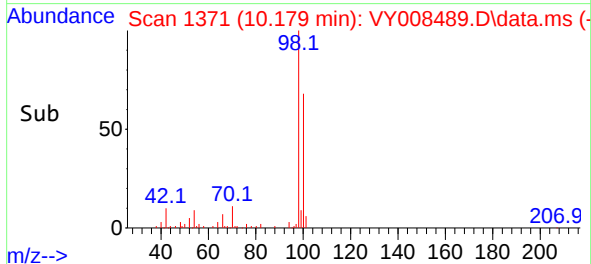
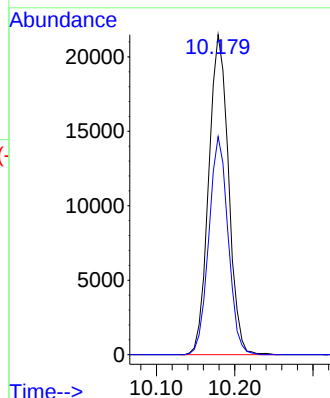
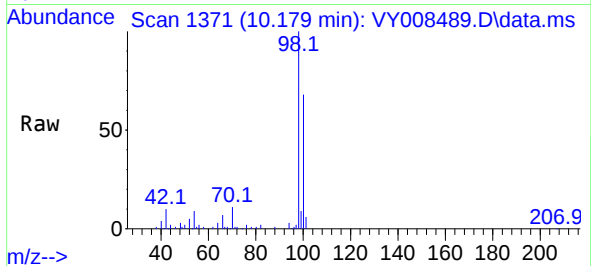




#50
Toluene-d8
Concen: 44.422 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

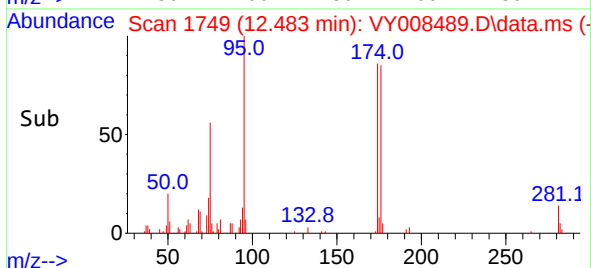
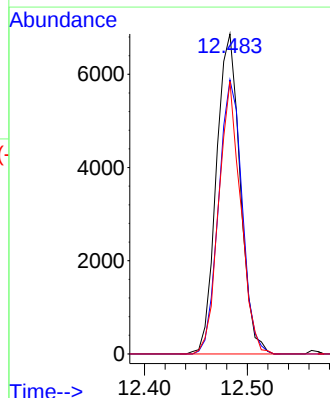
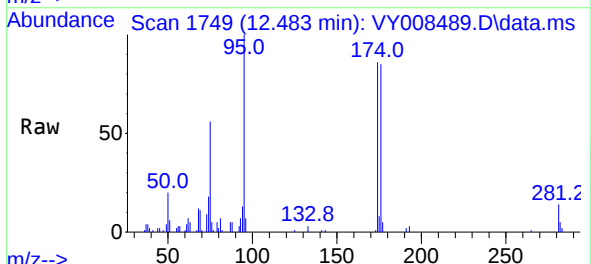
Instrument :
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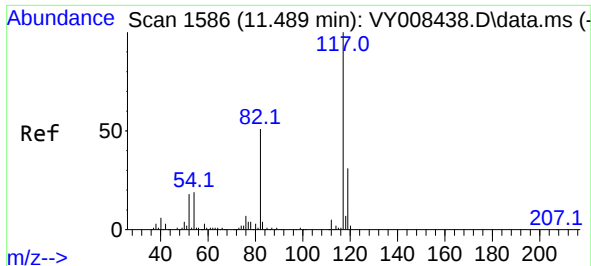
Tgt Ion: 98 Resp: 37686
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 38.301 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion: 95 Resp: 11042
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 78.4 0.0 175.8

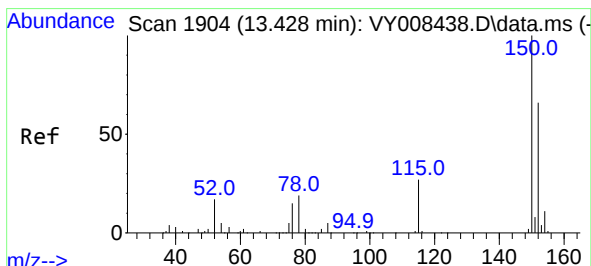
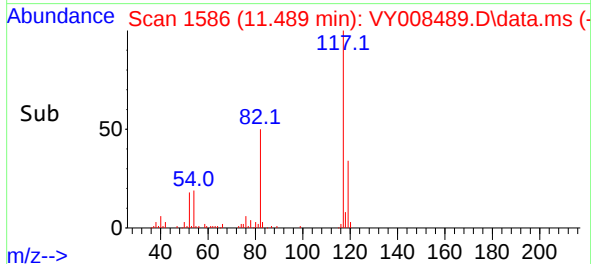
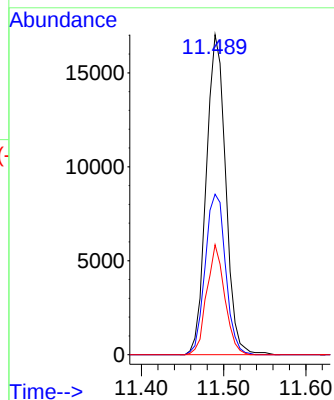
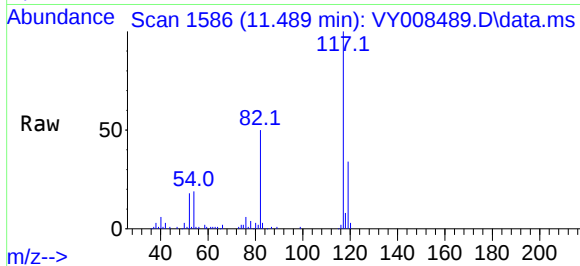




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Instrument :
MSVOA_Y
ClientSampleId :
MH-8DRE

Tgt Ion:	117	Resp:	27953
Ion Ratio	Lower	Upper	
117	100		
82	50.2	43.0	64.4
119	34.4	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008489.D
Acq: 25 Apr 2022 18:01

Tgt Ion:	152	Resp:	10968
Ion Ratio	Lower	Upper	
152	100		
115	59.4	28.2	84.7
150	152.7	0.0	347.6

