

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021722\
 Data File : VY007528.D
 Acq On : 17 Feb 2022 17:24
 Operator : SY/MD
 Sample : N1580-03
 Misc : 5.98g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 D-3

Quant Time: Feb 18 07:41:46 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	7.795	168	13898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	23948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	22155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	9929	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	7168	46.715	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.420%
35) Dibromofluoromethane	7.716	113	6911	45.761	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.520%
50) Toluene-d8	10.179	98	29530	51.482	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.960%
62) 4-Bromofluorobenzene	12.477	95	10699	55.009	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.020%

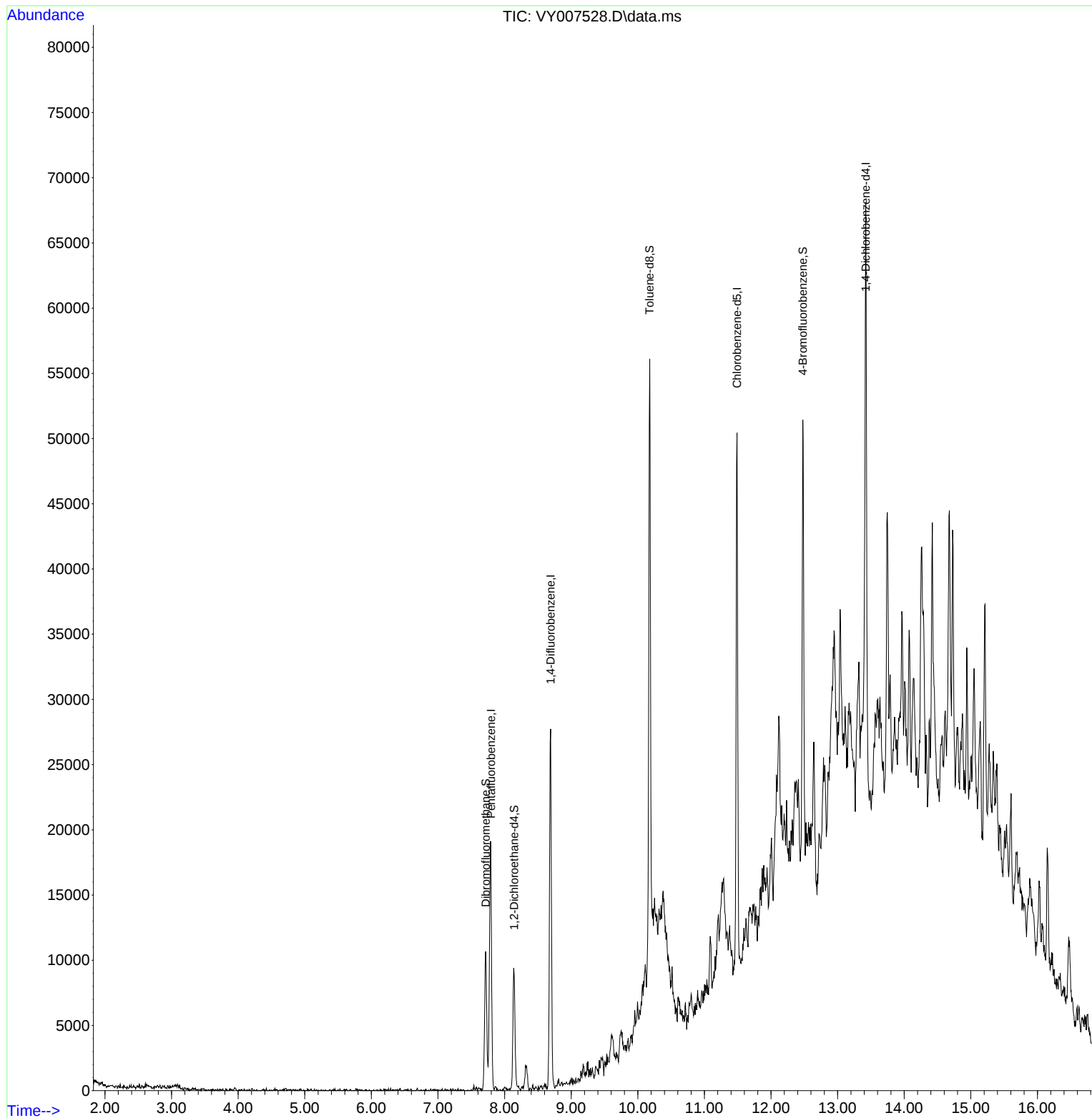
Target Compounds	Qvalue

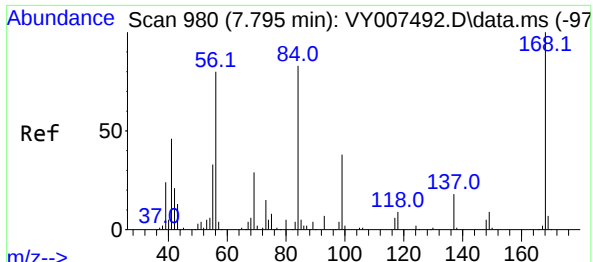
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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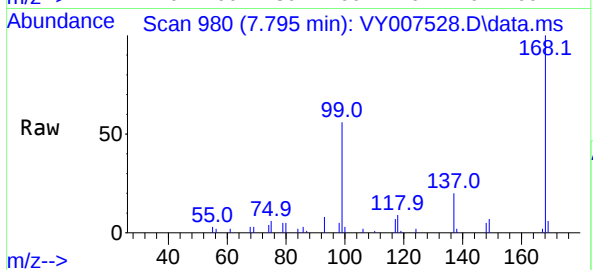
Quant Time: Feb 18 07:41:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y021422S.M
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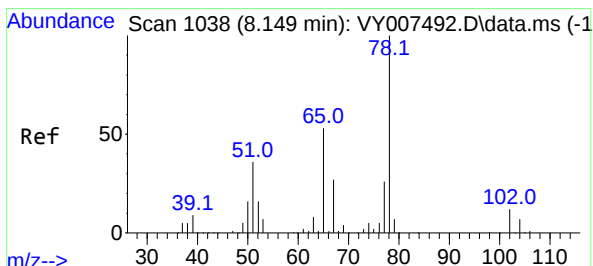
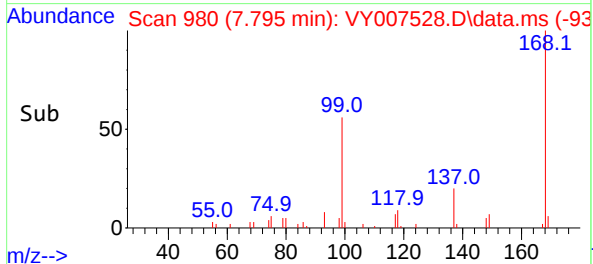
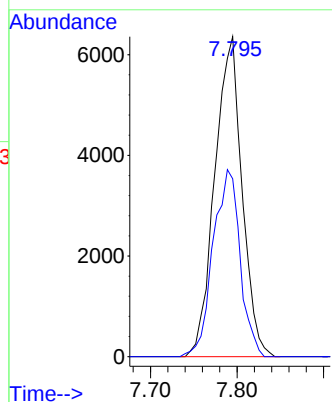


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007528.D
Acq: 17 Feb 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :
D-3

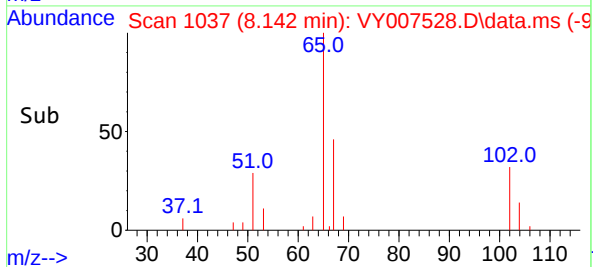
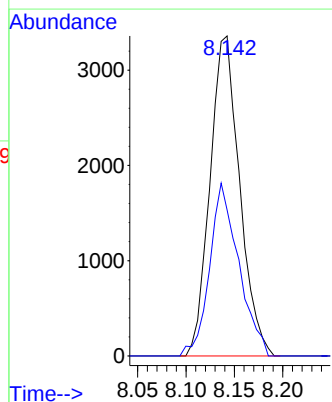
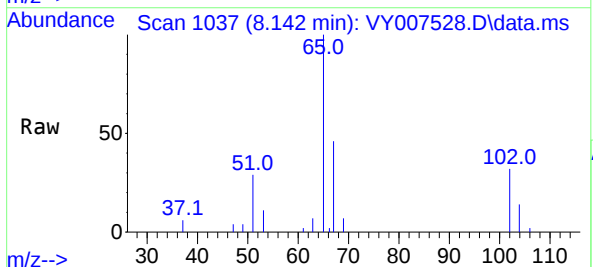


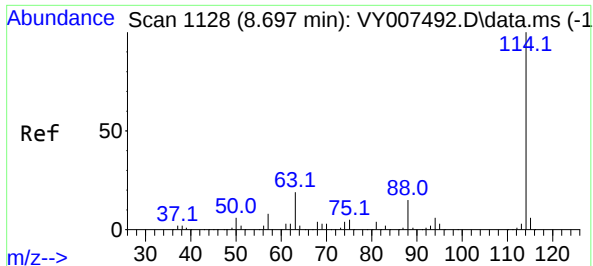
Tgt Ion:168 Resp: 13898
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 46.715 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007528.D
Acq: 17 Feb 2022 17:24

Tgt Ion: 65 Resp: 7168
Ion Ratio Lower Upper
65 100
67 52.9 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: VY007528.D

Acq: 17 Feb 2022 17:24

Instrument :

MSVOA_Y

ClientSampleId :

D-3

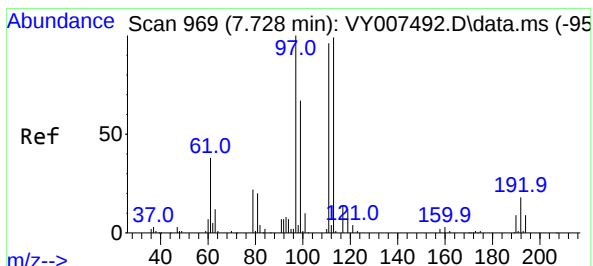
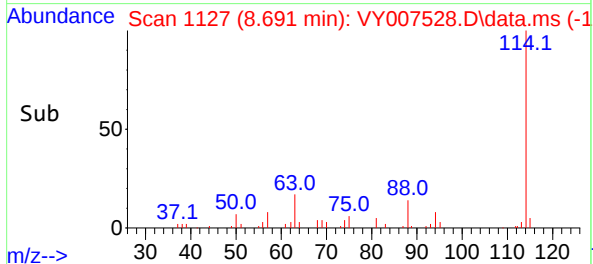
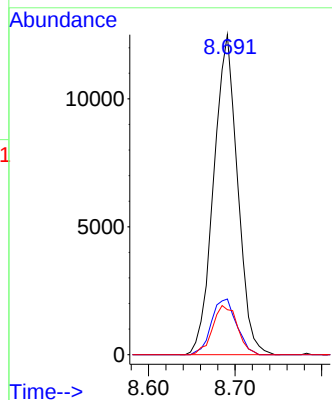
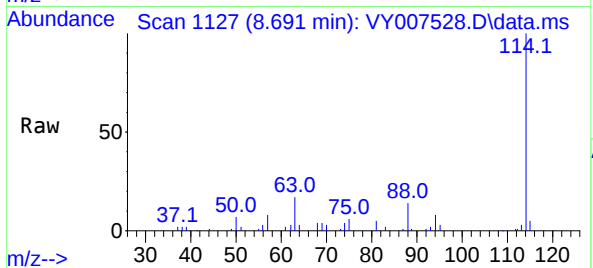
Tgt Ion:114 Resp: 23948

Ion Ratio Lower Upper

114 100

63 17.4 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 45.761 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007528.D

Acq: 17 Feb 2022 17:24

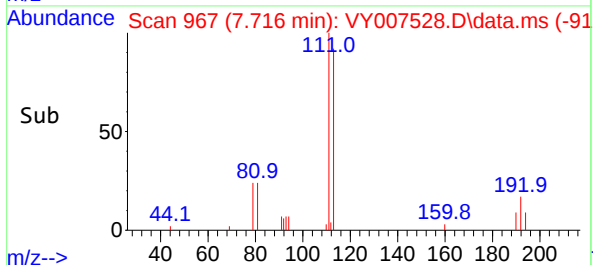
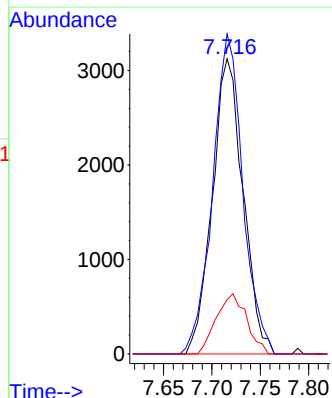
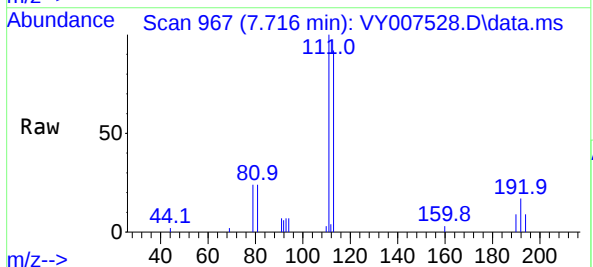
Tgt Ion:113 Resp: 6911

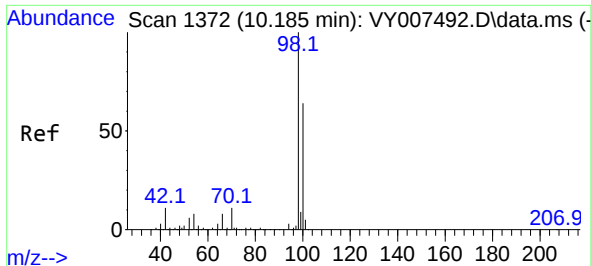
Ion Ratio Lower Upper

113 100

111 106.1 82.6 124.0

192 20.0 17.6 26.4

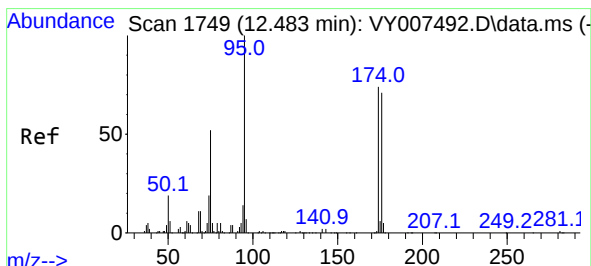
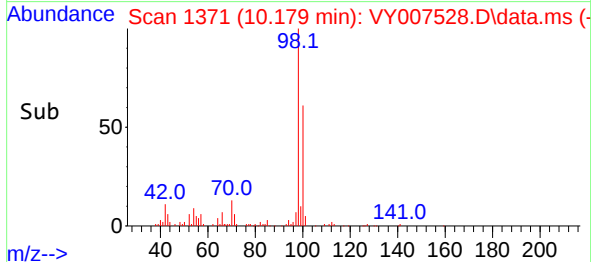
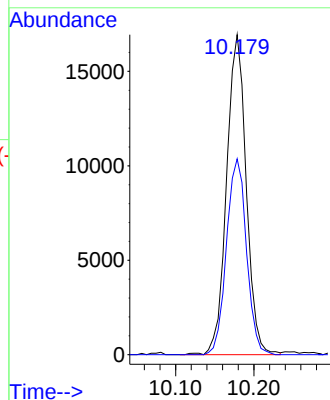
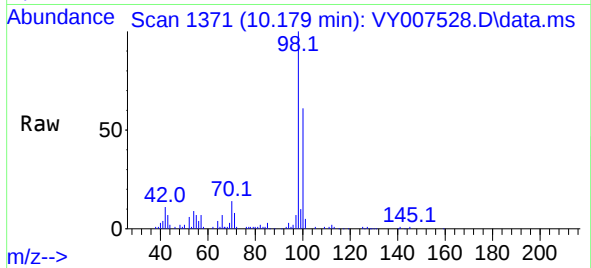




#50
Toluene-d8
Concen: 51.482 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007528.D
Acq: 17 Feb 2022 17:24

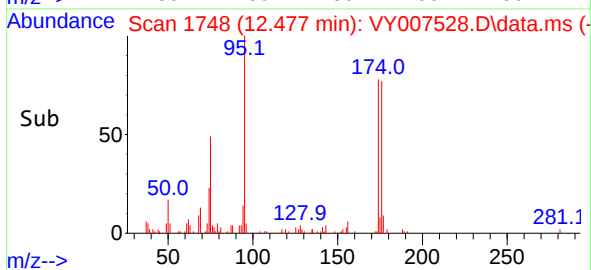
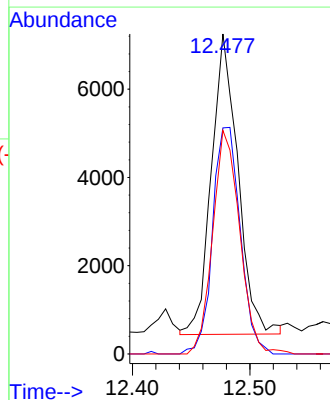
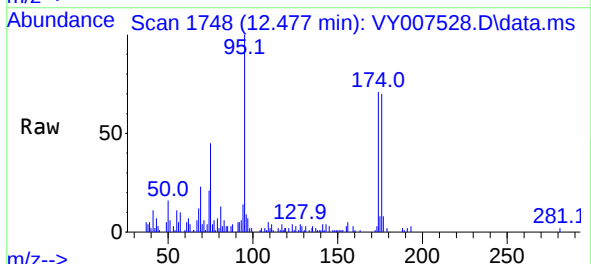
Instrument :
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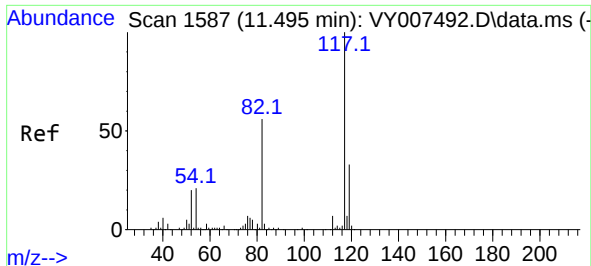
Tgt Ion: 98 Resp: 29530
Ion Ratio Lower Upper
98 100
100 62.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 55.009 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007528.D
Acq: 17 Feb 2022 17:24

Tgt Ion: 95 Resp: 10699
Ion Ratio Lower Upper
95 100
174 78.4 0.0 177.0
176 75.8 0.0 175.8

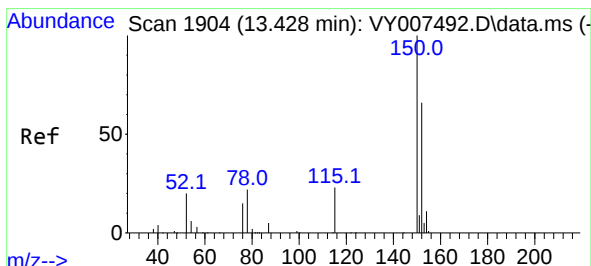
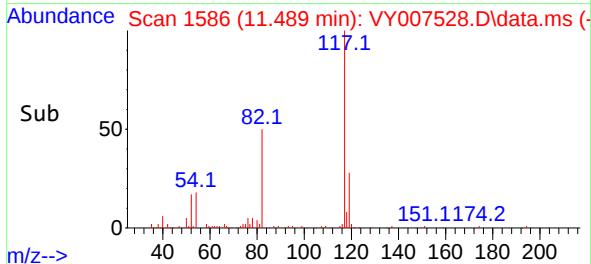
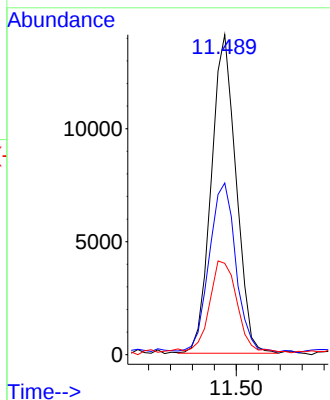
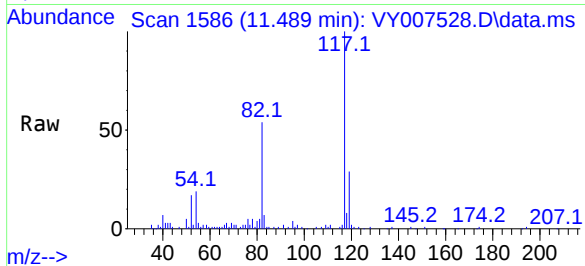




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY007528.D
Acq: 17 Feb 2022 17:24

Instrument :
MSVOA_Y
ClientSampleId :
D-3

Tgt Ion:	117	Resp:	22155
Ion Ratio	Lower	Upper	
117	100		
82	53.0	43.0	64.4
119	27.7	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: VY007528.D
Acq: 17 Feb 2022 17:24

Tgt Ion:	152	Resp:	9929
Ion Ratio	Lower	Upper	
152	100		
115	56.9	28.2	84.7
150	152.7	0.0	347.6

