

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006508.D
 Acq On : 28 Oct 2021 12:14
 Operator : SY/MD
 Sample : M4367-01
 Misc : 5.06G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-102621

Quant Time: Oct 29 05:05:28 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	108185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	181991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	168978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74012	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	83462	62.693	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.380%
35) Dibromofluoromethane	7.722	113	55047	54.267	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.540%
50) Toluene-d8	10.179	98	231691	53.881	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.760%
62) 4-Bromofluorobenzene	12.483	95	71410	49.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.600%

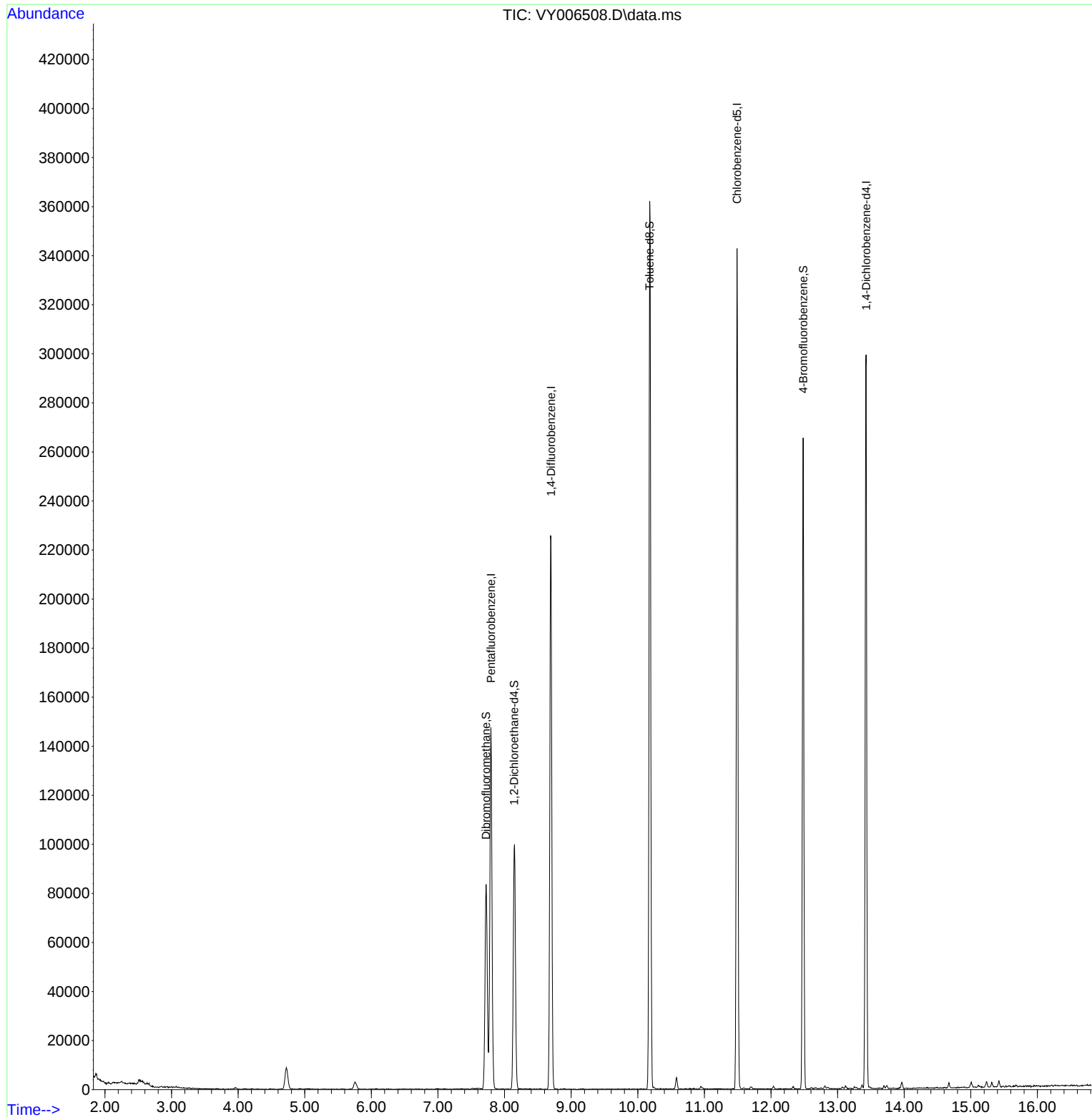
Target Compounds	Qvalue

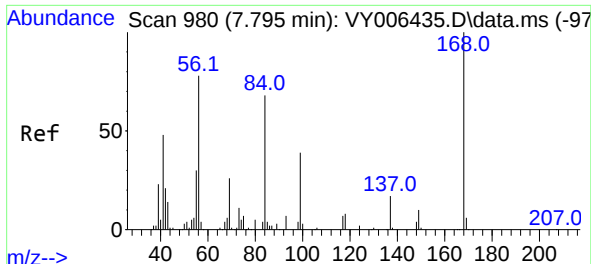
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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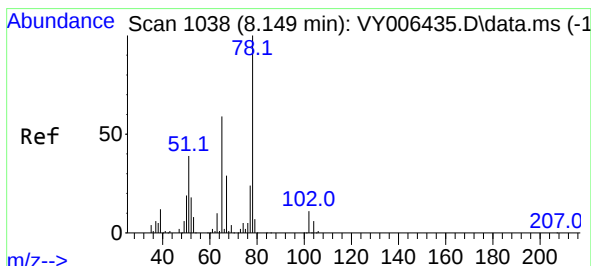
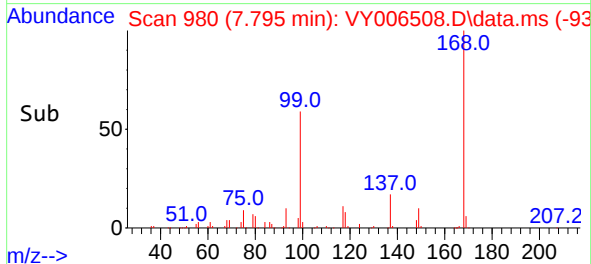
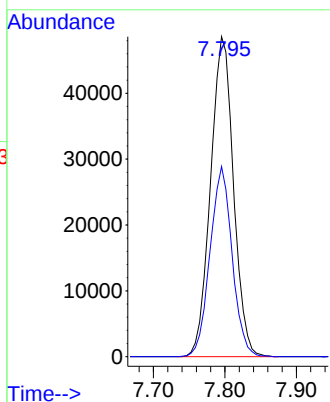
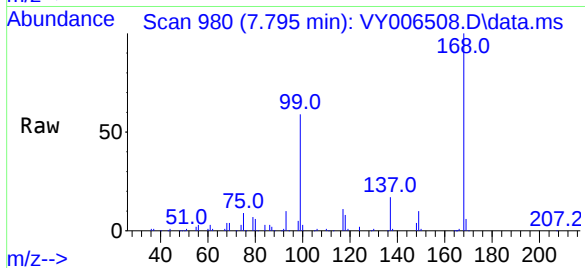




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

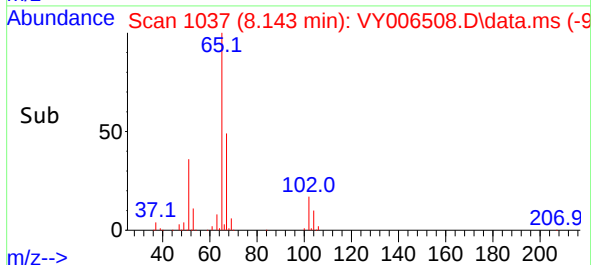
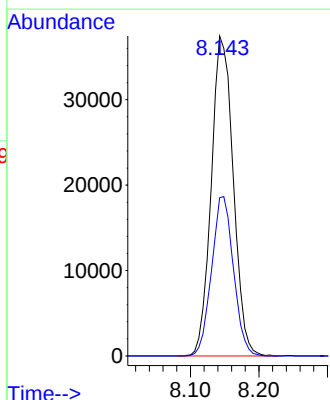
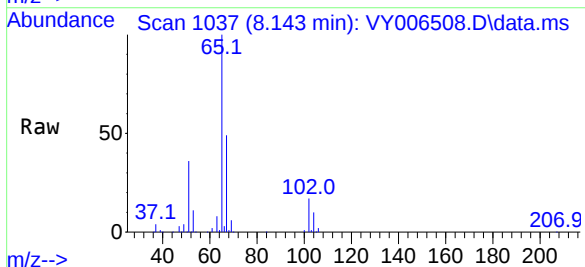
Instrument :
MSVOA_Y
ClientSampled :
TR-05-102621

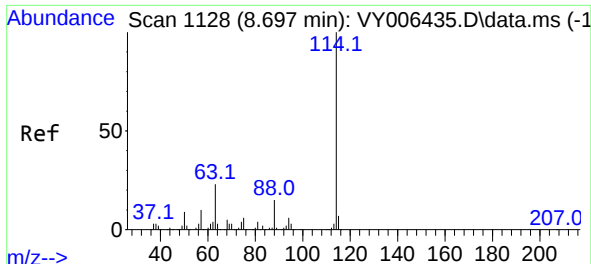
Tgt Ion:168 Resp: 108185
Ion Ratio Lower Upper
168 100
99 59.4 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 62.693 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Tgt Ion: 65 Resp: 83462
Ion Ratio Lower Upper
65 100
67 49.6 0.0 98.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006508.D

Acq: 28 Oct 2021 12:14

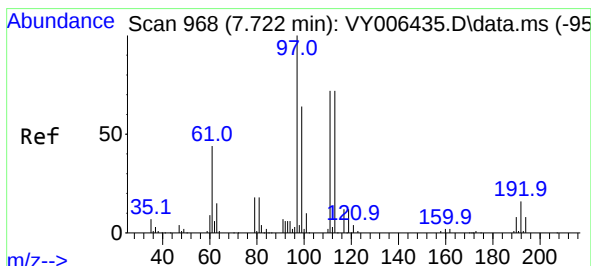
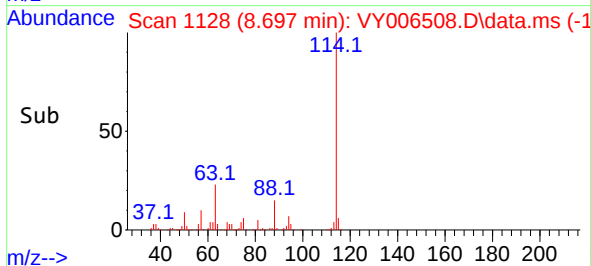
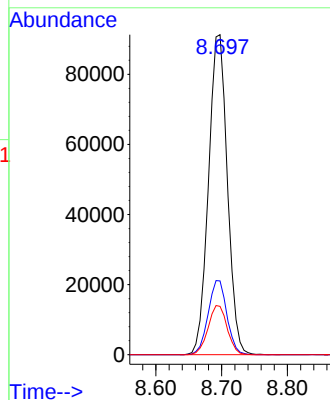
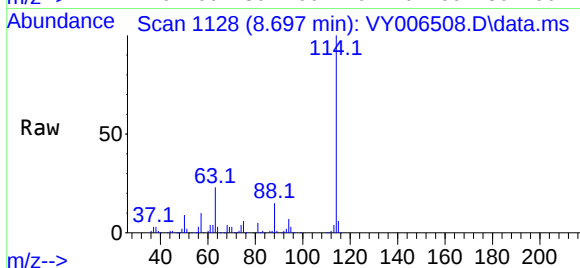
Tgt Ion:114 Resp: 181991

Ion Ratio Lower Upper

114 100

63 23.1 0.0 45.0

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.267 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY006508.D

Acq: 28 Oct 2021 12:14

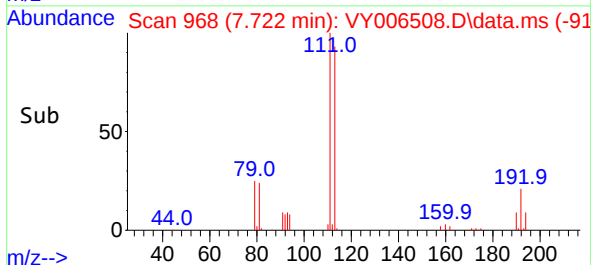
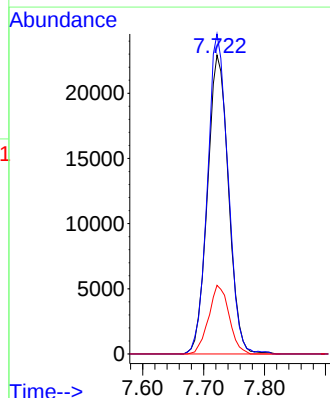
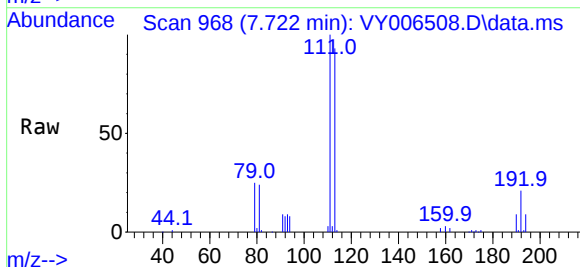
Tgt Ion:113 Resp: 55047

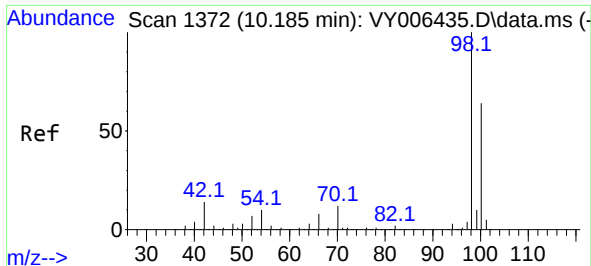
Ion Ratio Lower Upper

113 100

111 104.5 82.3 123.5

192 22.4 17.4 26.2

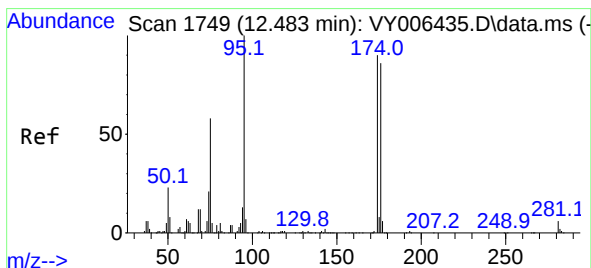
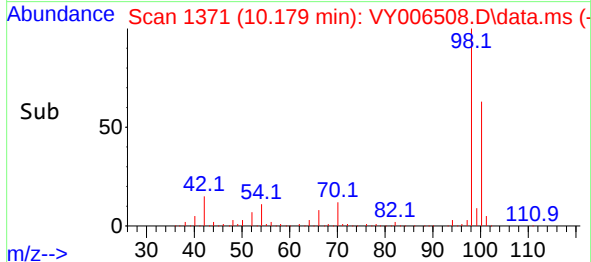
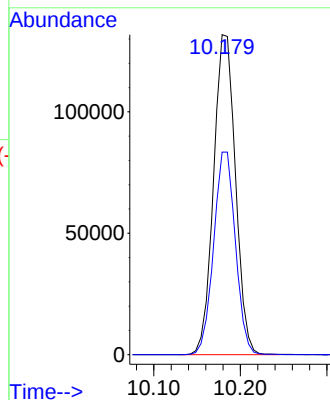
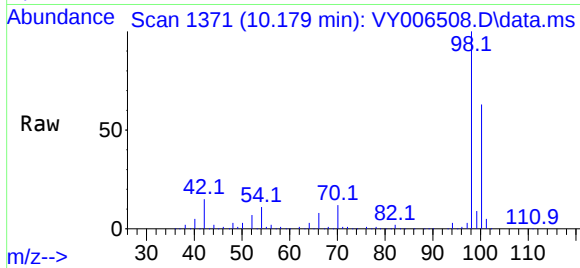




#50
Toluene-d8
Concen: 53.881 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

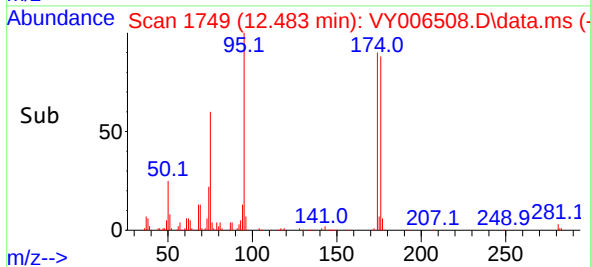
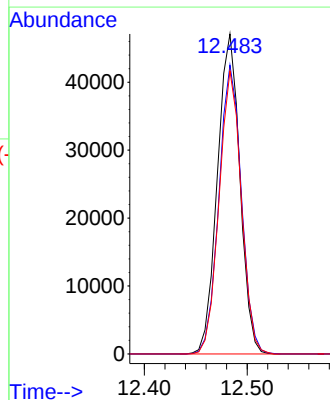
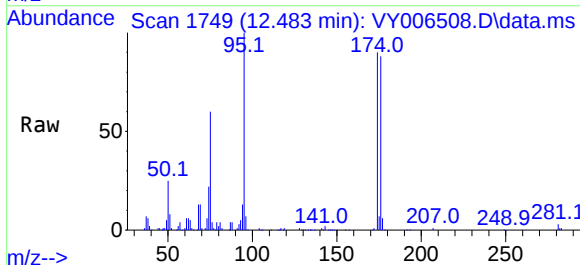
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-102621

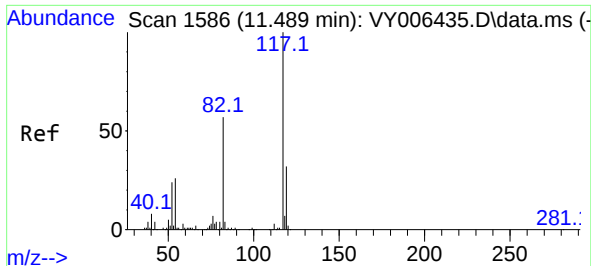
Tgt Ion: 98 Resp: 231691
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 49.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Tgt Ion: 95 Resp: 71410
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 87.2 0.0 169.4



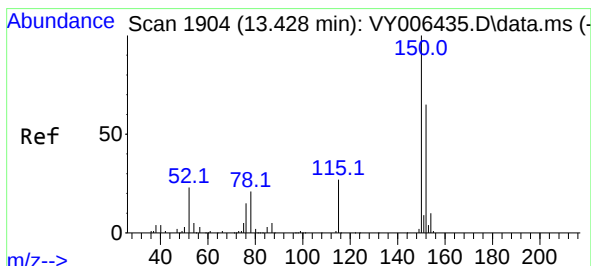
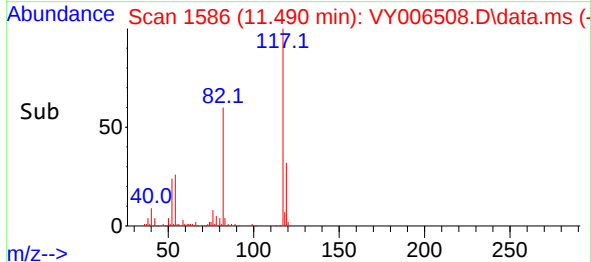
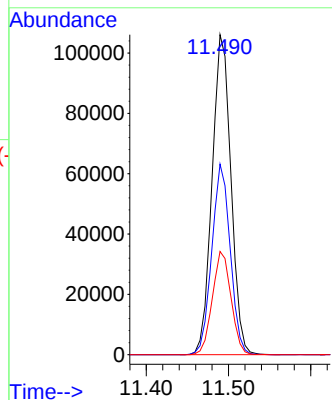
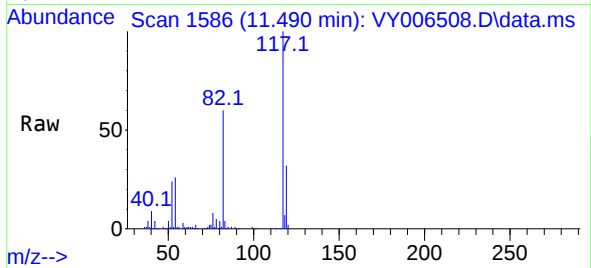


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY006508.D
Acq: 28 Oct 2021 12:14

Instrument :
MSVOA_Y
ClientSampleId :
TR-05-102621

Tgt Ion:117 Resp: 168978

Ion	Ratio	Lower	Upper
117	100		
82	59.5	45.7	68.5
119	32.3	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: VY006508.D
Acq: 28 Oct 2021 12:14

Tgt Ion:152 Resp: 74012

Ion	Ratio	Lower	Upper
152	100		
115	55.6	28.5	85.5
150	155.8	0.0	348.2

