

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102821\
 Data File : VY006511.D
 Acq On : 28 Oct 2021 13:25
 Operator : SY/MD
 Sample : M4388-01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 72-12002

Quant Time: Oct 29 05:05:54 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	105339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	175380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	162166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	79036	60.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.940%
35) Dibromofluoromethane	7.722	113	53034	54.254	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.500%
50) Toluene-d8	10.185	98	223463	53.926	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.483	95	64188	45.984	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.960%

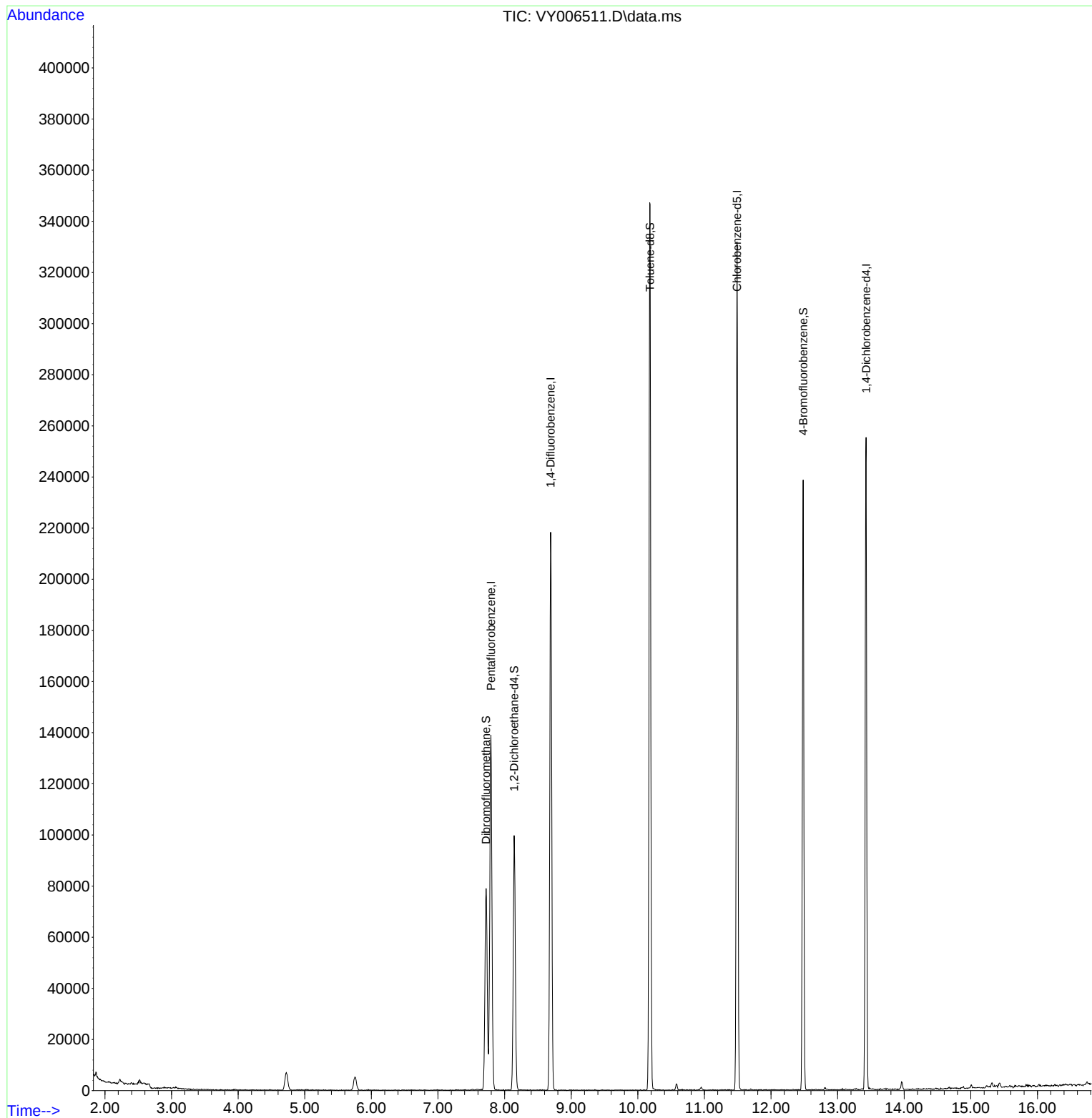
Target Compounds	Qvalue

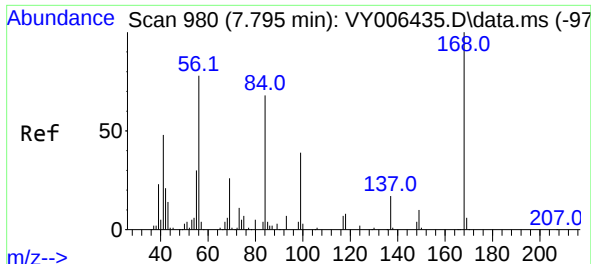
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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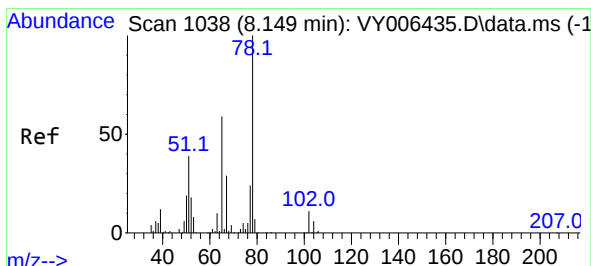
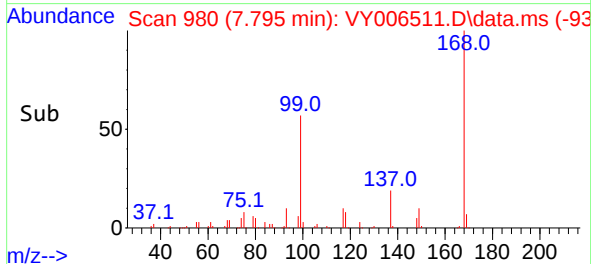
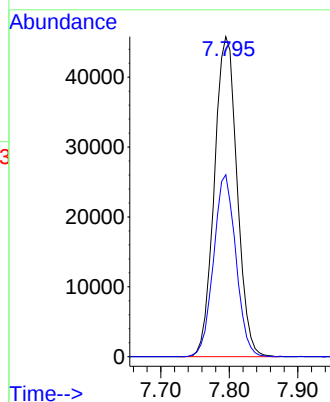
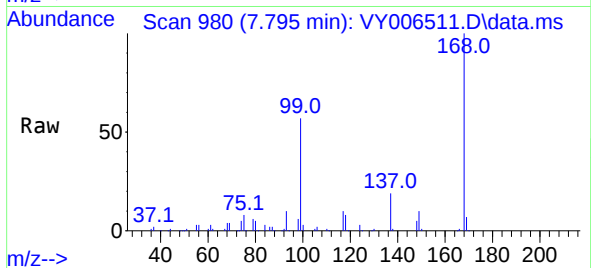




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

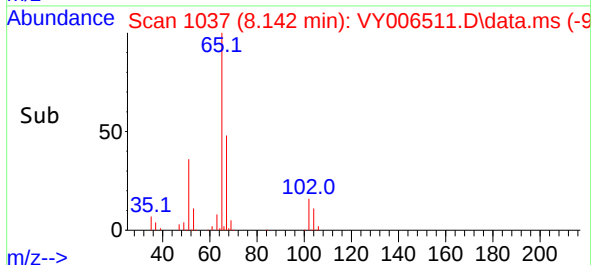
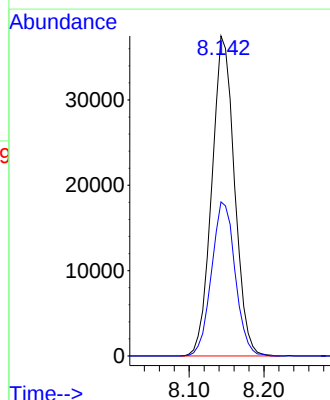
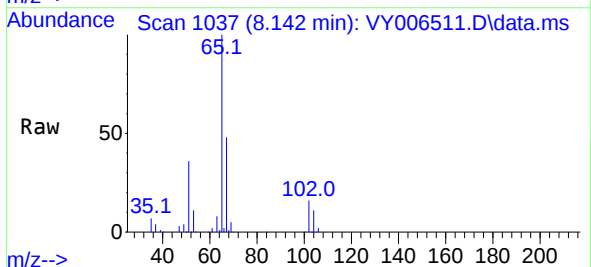
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

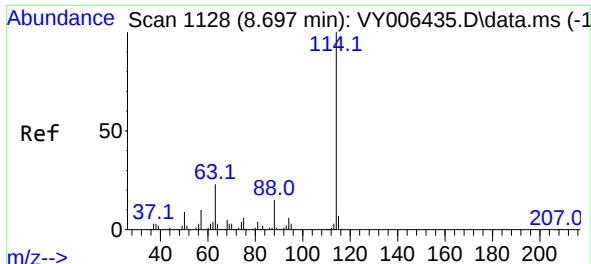
Tgt Ion:168 Resp: 105339
Ion Ratio Lower Upper
168 100
99 56.9 44.8 67.2



#33
1,2-Dichloroethane-d4
Concen: 60.972 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion: 65 Resp: 79036
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.2



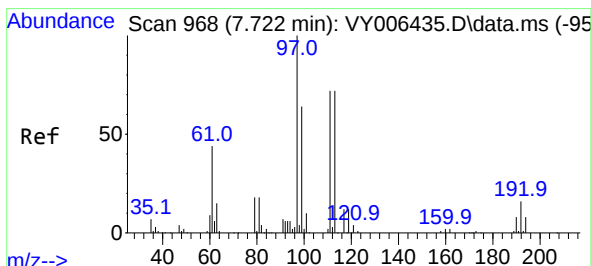
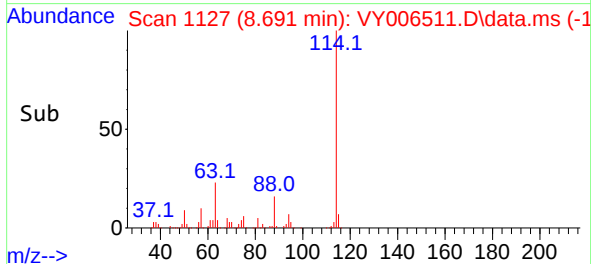
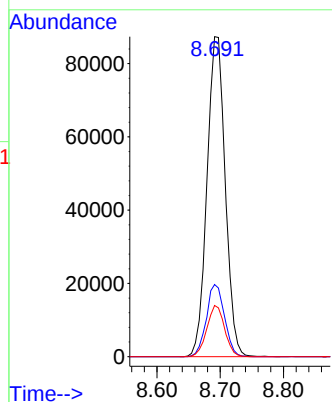
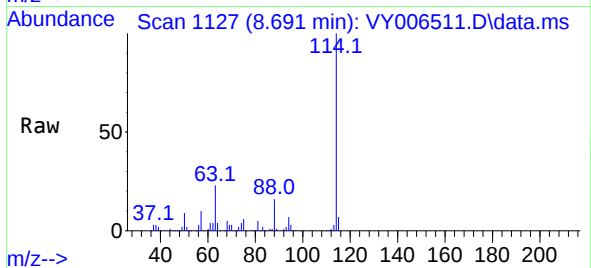


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :
72-12002

Tgt Ion:114 Resp: 175380

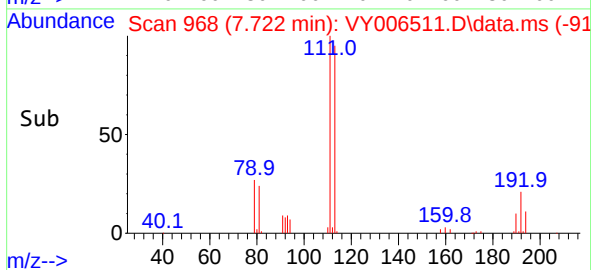
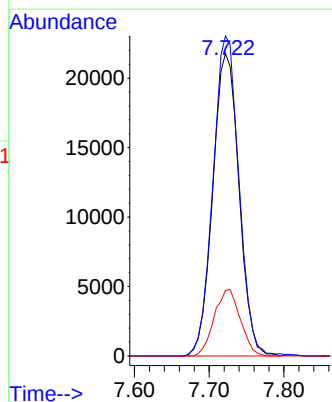
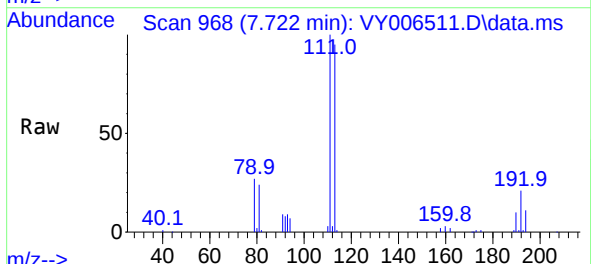
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	45.0
88	16.0	0.0	30.6

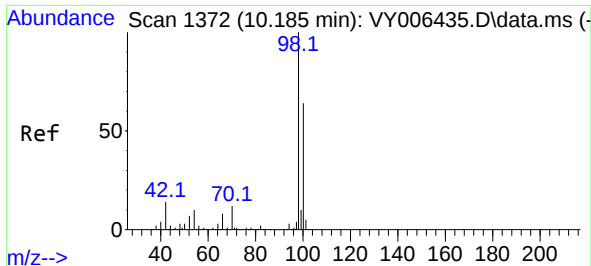


#35
Dibromofluoromethane
Concen: 54.254 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion:113 Resp: 53034

Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.3	123.5
192	21.8	17.4	26.2

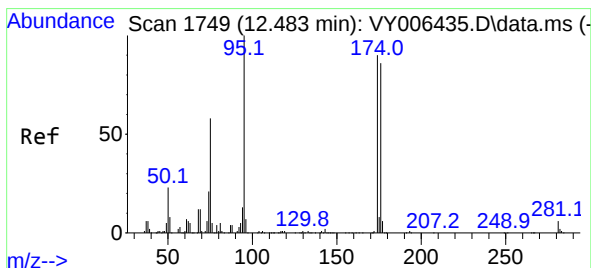
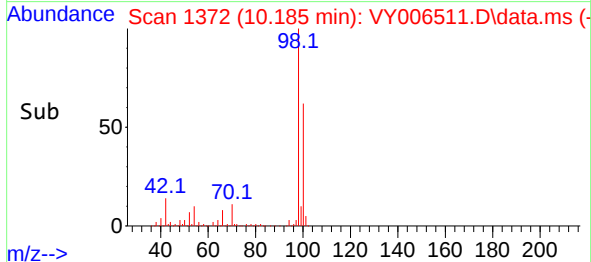
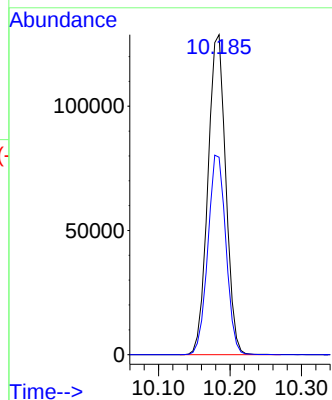
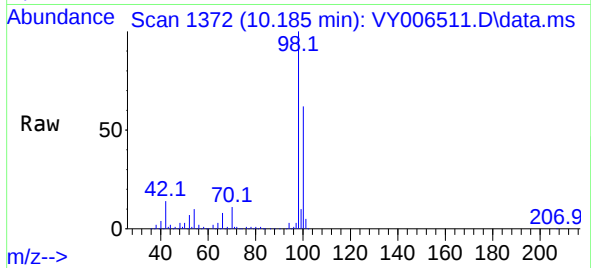




#50
Toluene-d8
Concen: 53.926 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

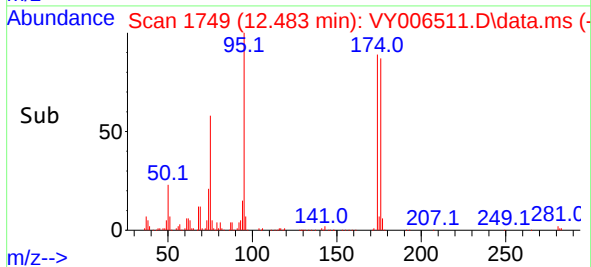
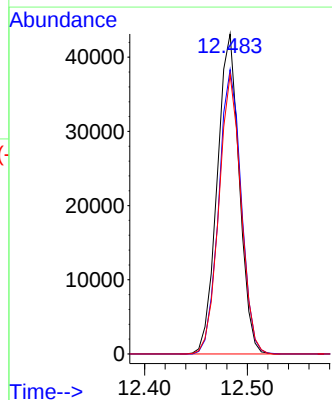
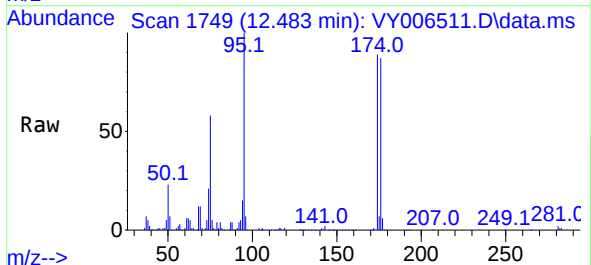
Instrument :
MSVOA_Y
ClientSampleId :
72-12002

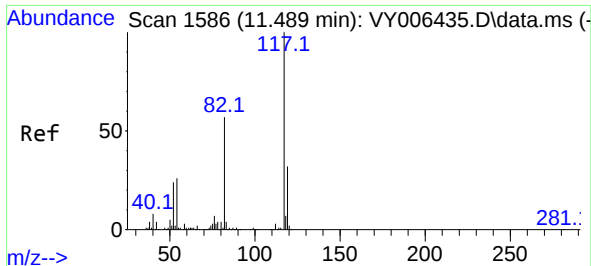
Tgt Ion: 98 Resp: 223463
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 45.984 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion: 95 Resp: 64188
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 87.2 0.0 169.4

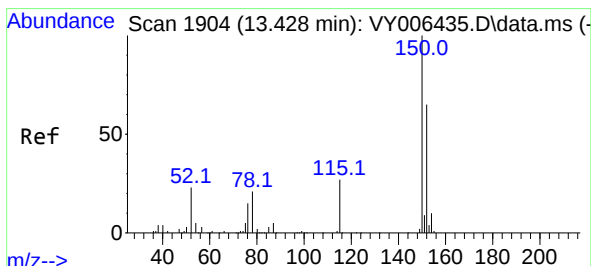
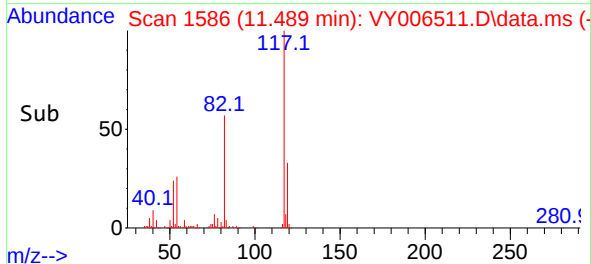
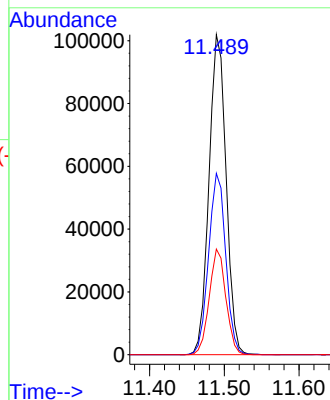
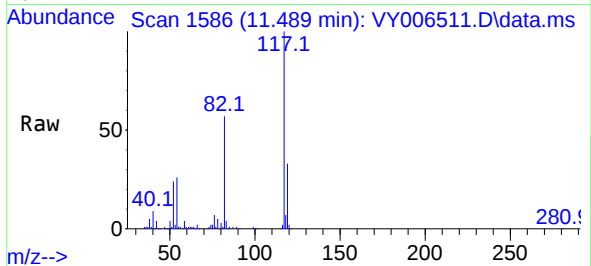




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY006511.D
Acq: 28 Oct 2021 13:25

Instrument :
MSVOA_Y
ClientSampleId :
72-12002

Tgt Ion:	117	Resp:	162166
Ion	Ratio	Lower	Upper
117	100		
82	56.6	45.7	68.5
119	33.0	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: VY006511.D
Acq: 28 Oct 2021 13:25

Tgt Ion:	152	Resp:	62697
Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.5	85.5
150	156.3	0.0	348.2

