

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061721\
 Data File : VD069486.D
 Acq On : 17 Jun 2021 18:13
 Operator : VA/SY
 Sample : M2738-01
 Misc : 2.78G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-061621

Quant Time: Jun 18 01:28:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061121S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 12:50:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	101443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	181048	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	204587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	101391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	86364	75.464	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	150.920%
35) Dibromofluoromethane	7.914	113	77494	57.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.300%
50) Toluene-d8	10.338	98	233047	46.988	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.980%
62) 4-Bromofluorobenzene	12.626	95	86252	54.199	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.400%

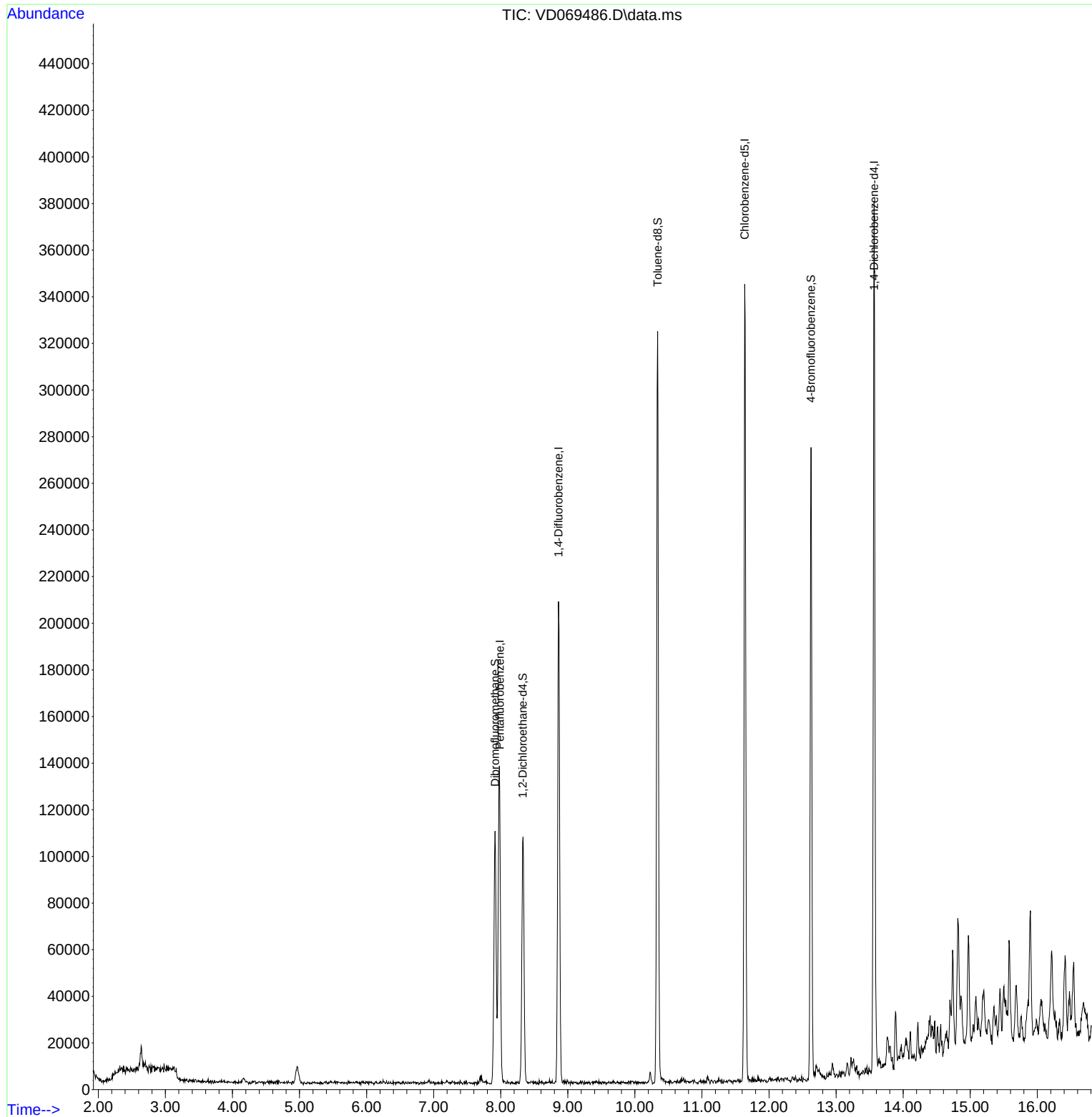
Target Compounds	Qvalue

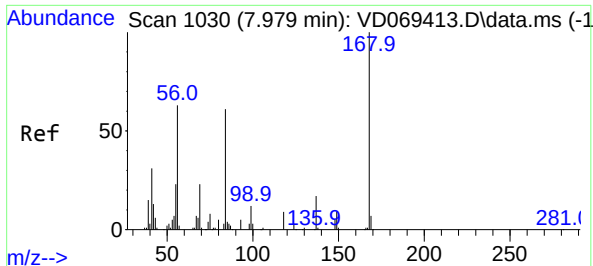
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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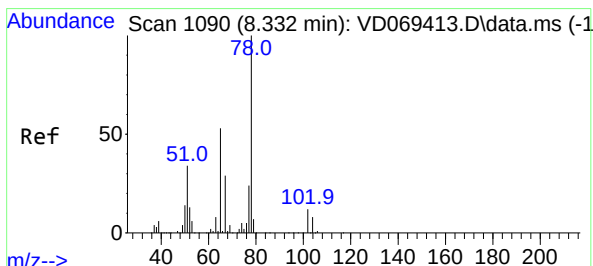
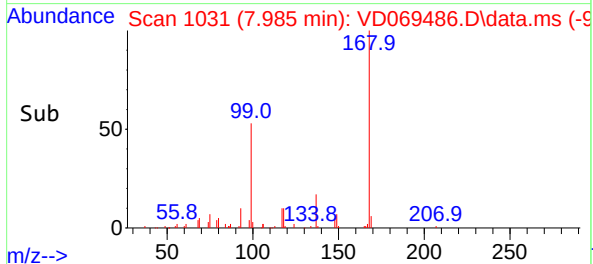
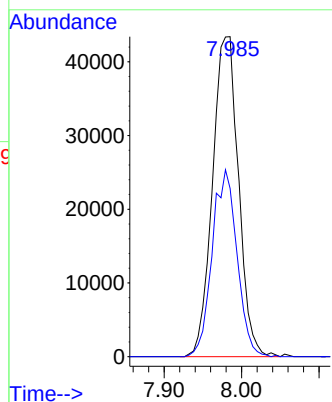
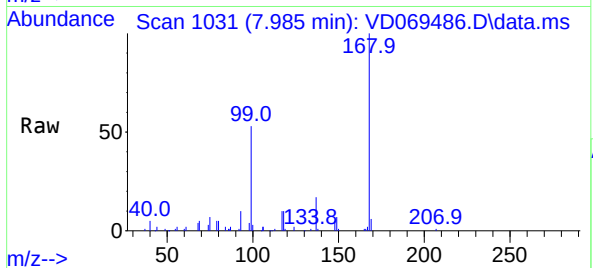




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

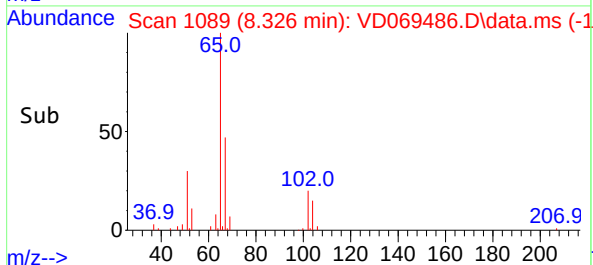
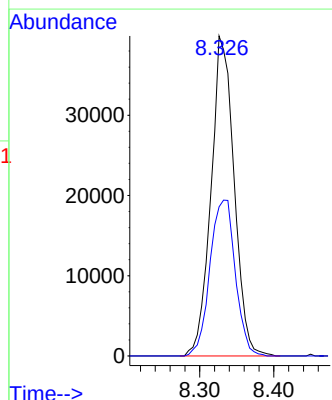
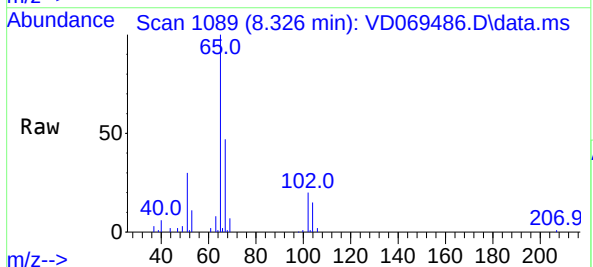
Instrument :
MSVOA_D
ClientSampled :
HD-01-061621

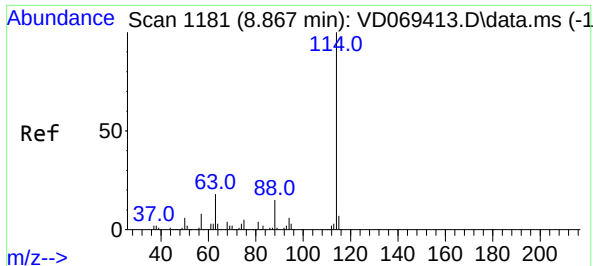
Tgt Ion:168 Resp: 101443
Ion Ratio Lower Upper
168 100
99 52.5 46.2 69.2



#33
1,2-Dichloroethane-d4
Concen: 75.464 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

Tgt Ion: 65 Resp: 86364
Ion Ratio Lower Upper
65 100
67 53.5 0.0 105.8



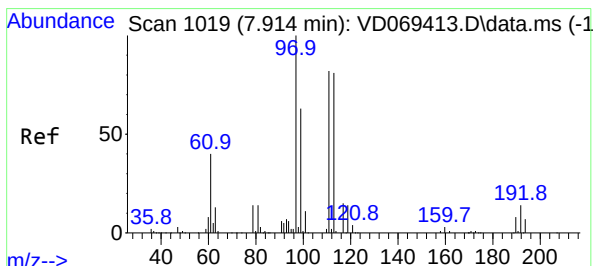
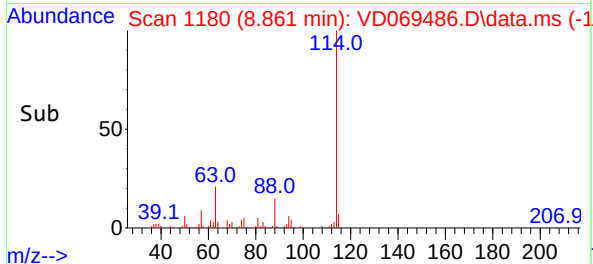
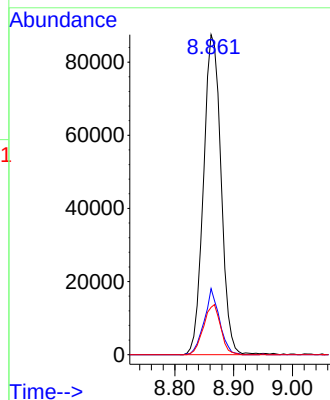
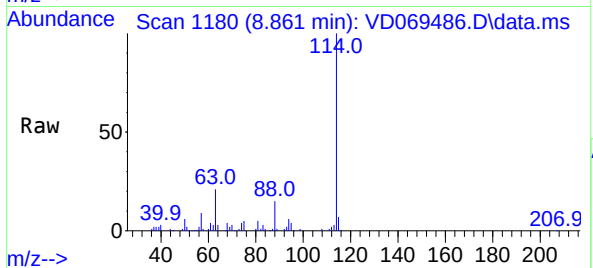


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_D
ClientSampleId :
HD-01-061621

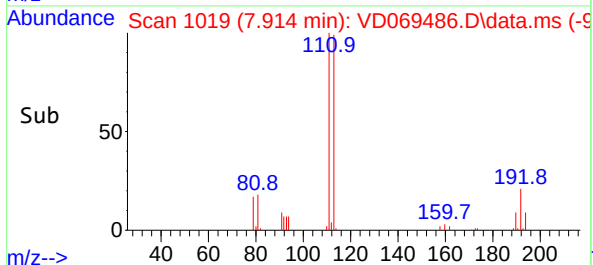
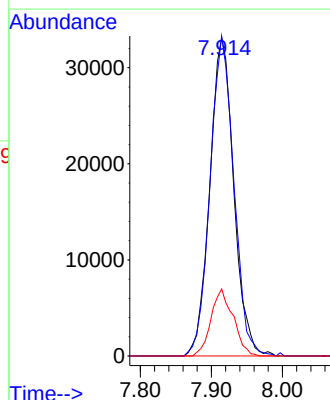
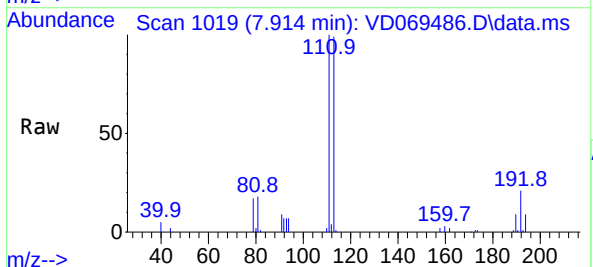
Tgt Ion:114 Resp: 181048
Ion Ratio Lower Upper
114 100
63 20.6 0.0 35.6
88 14.8 0.0 31.2

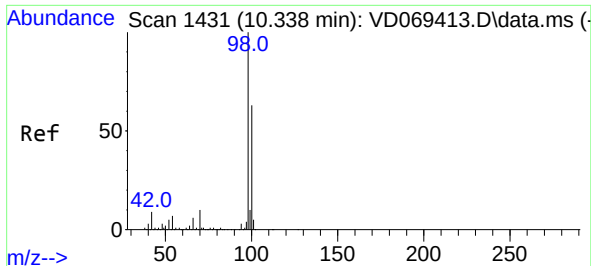


#35

Dibromofluoromethane
Concen: 57.147 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

Tgt Ion:113 Resp: 77494
Ion Ratio Lower Upper
113 100
111 99.6 83.0 124.6
192 19.5 15.1 22.7

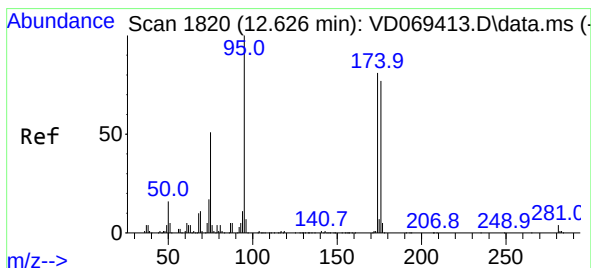
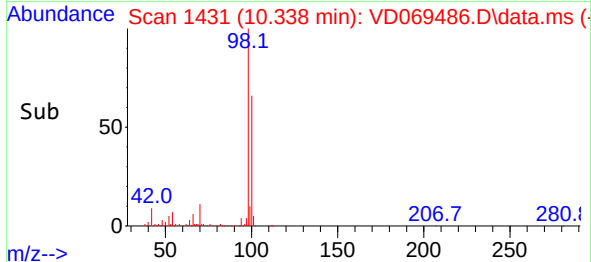
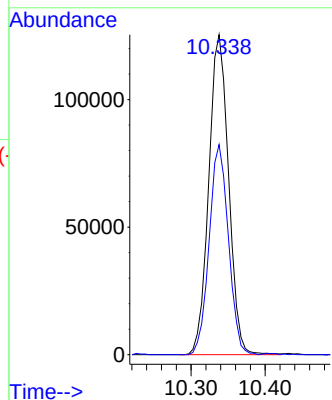
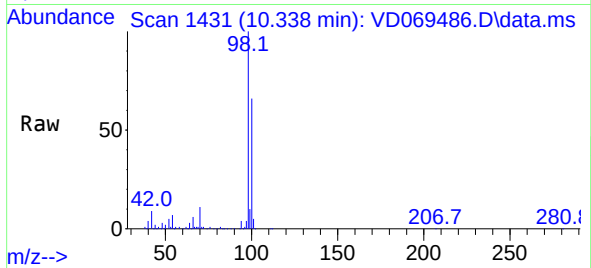




#50
Toluene-d8
Concen: 46.988 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

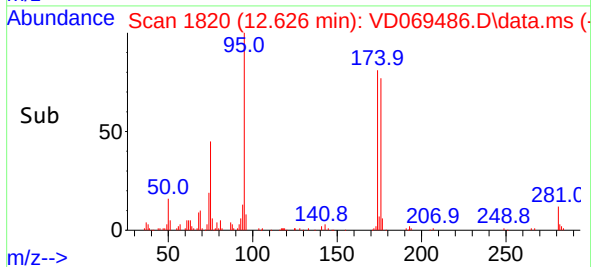
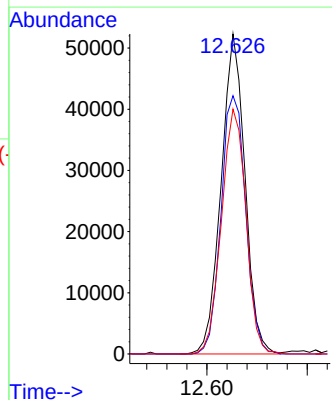
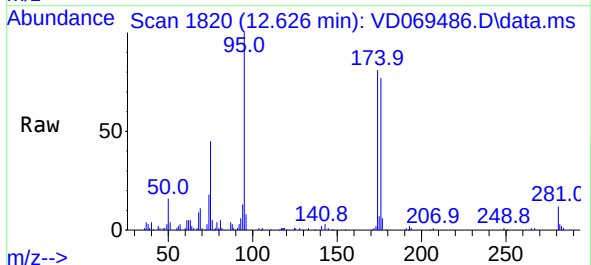
Instrument :
MSVOA_D
ClientSampleId :
HD-01-061621

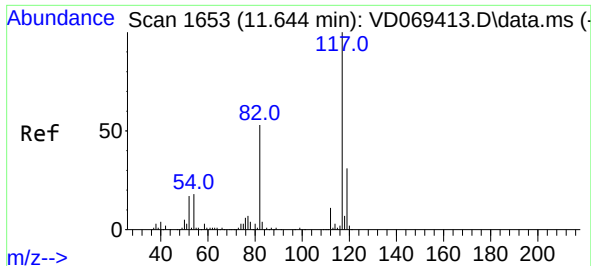
Tgt Ion: 98 Resp: 233047
Ion Ratio Lower Upper
98 100
100 63.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 54.199 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

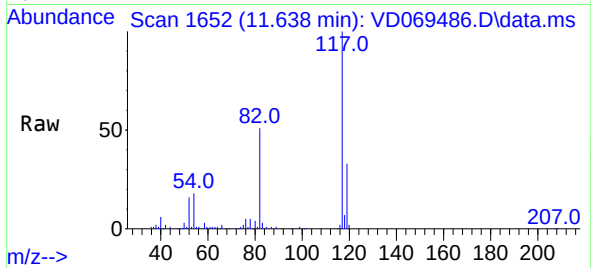
Tgt Ion: 95 Resp: 86252
Ion Ratio Lower Upper
95 100
174 83.5 0.0 162.8
176 78.8 0.0 154.4





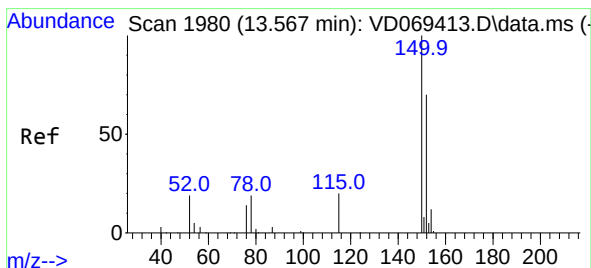
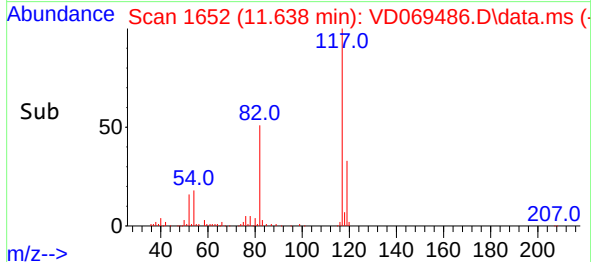
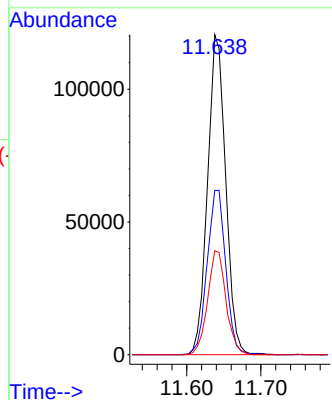
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.006 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

Instrument :
MSVOA_D
ClientSampleId :
HD-01-061621



Tgt Ion:117 Resp: 204587

Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.3	64.9
119	32.5	25.3	37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069486.D
Acq: 17 Jun 2021 18:13

Tgt Ion:152 Resp: 101391

Ion	Ratio	Lower	Upper
152	100		
115	57.9	29.4	88.3
150	159.1	0.0	355.0

