

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072166.D
 Acq On : 14 Mar 2022 14:09
 Operator : VA/SY
 Sample : N1874-01
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-030922RE

Quant Time: Mar 15 01:23:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	8628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	15295	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	15631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	6902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	7655	79.612	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	159.220%
35) Dibromofluoromethane	7.914	113	6811	63.280	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	126.560%
50) Toluene-d8	10.338	98	16979	43.142	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.280%
62) 4-Bromofluorobenzene	12.620	95	6104	39.917	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.840%

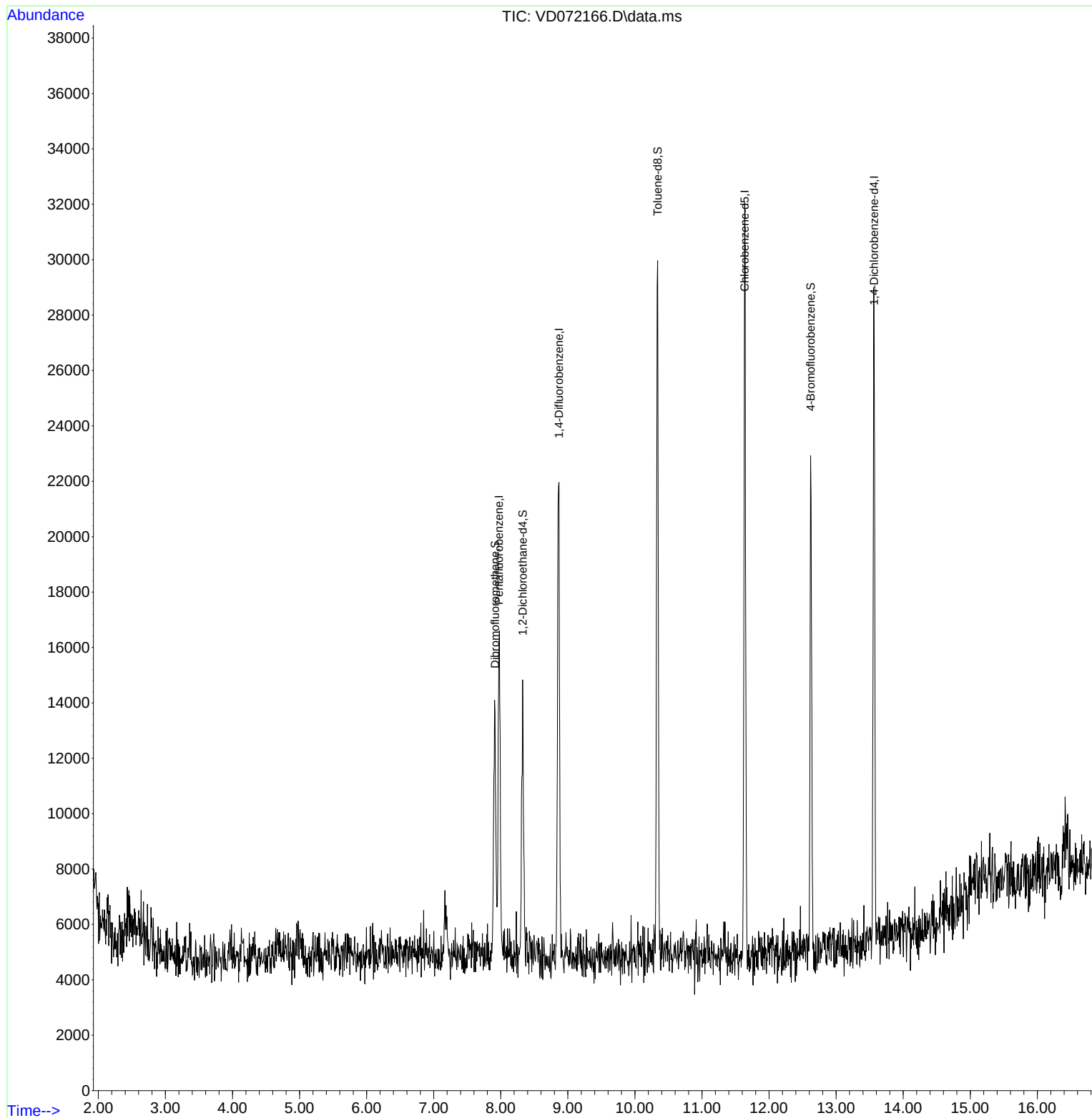
Target Compounds Qvalue

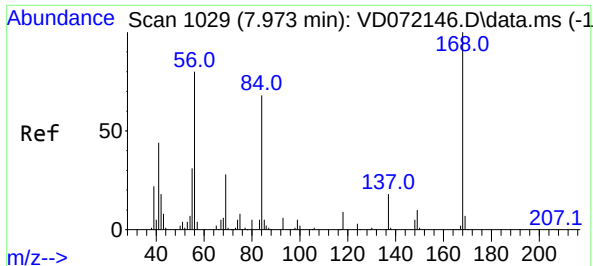
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

ClientSampleId :

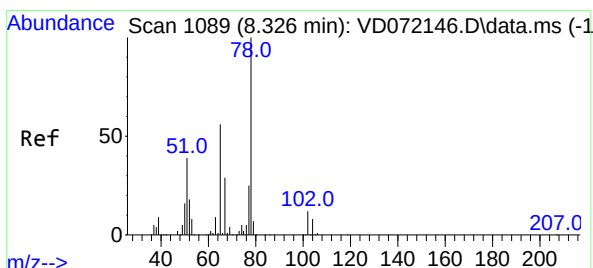
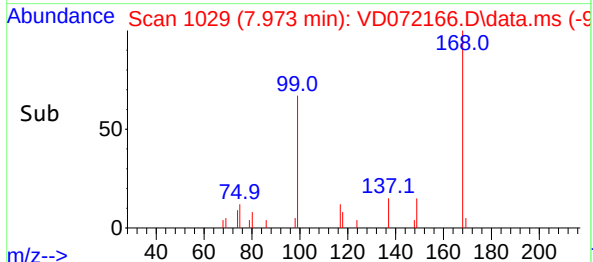
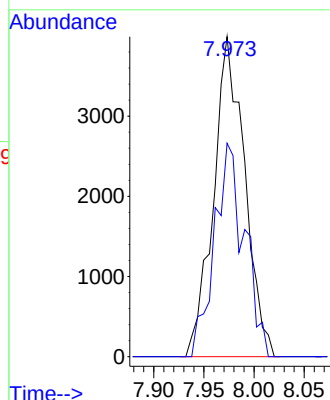
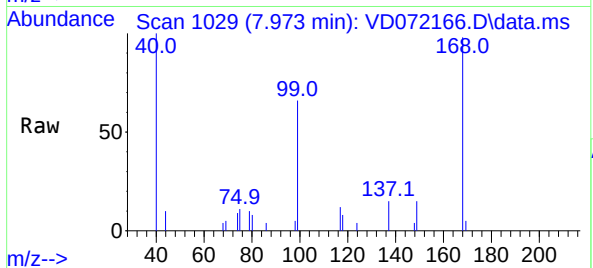
EO-03-030922RE

Tgt Ion:168 Resp: 8628

Ion Ratio Lower Upper

168 100

99 66.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 79.612 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072166.D

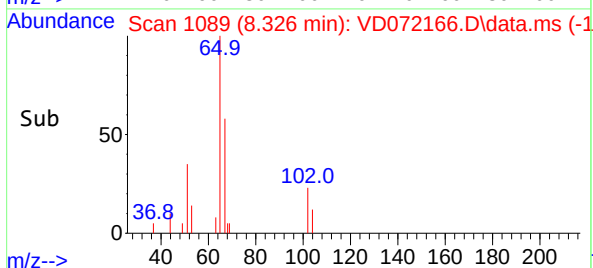
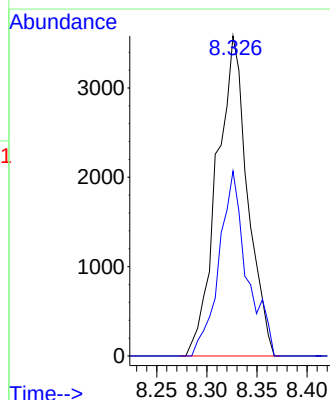
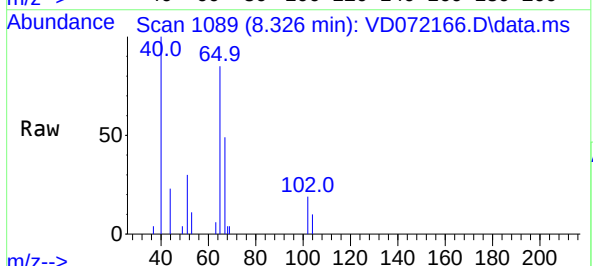
Acq: 14 Mar 2022 14:09

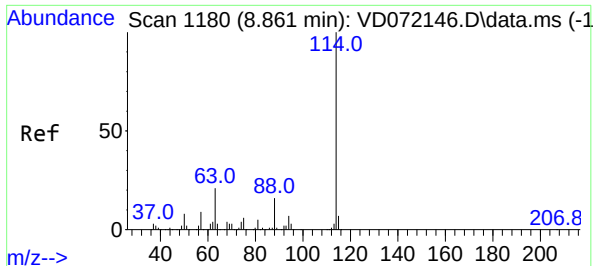
Tgt Ion: 65 Resp: 7655

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD072166.D

Acq: 14 Mar 2022 14:09

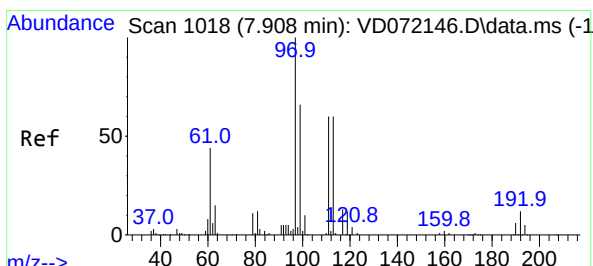
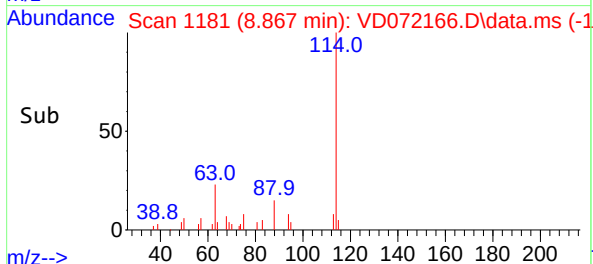
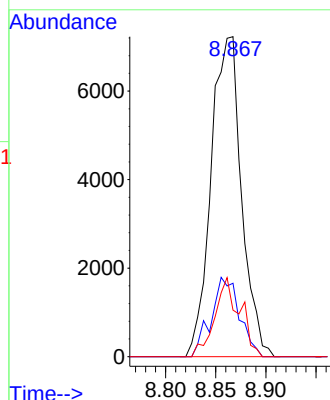
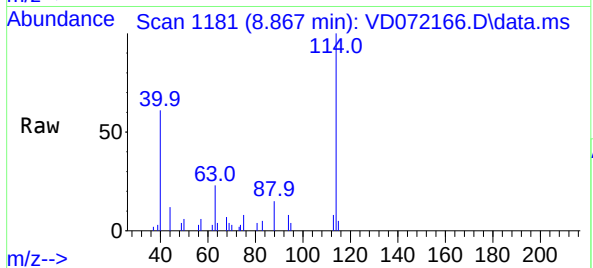
Instrument :

MSVOA_D

ClientSampleId :

EO-03-030922RE

Tgt Ion:	114	Resp:	15295
Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.6
88	14.6	0.0	33.2



#35

Dibromofluoromethane

Concen: 63.280 ug/l

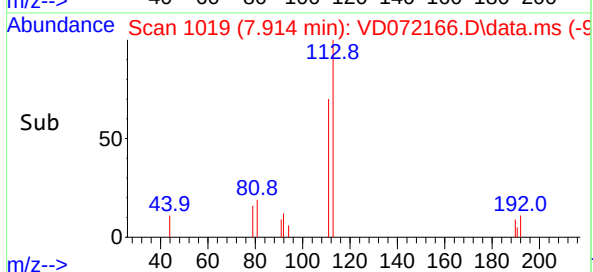
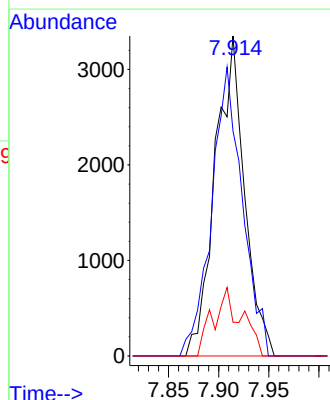
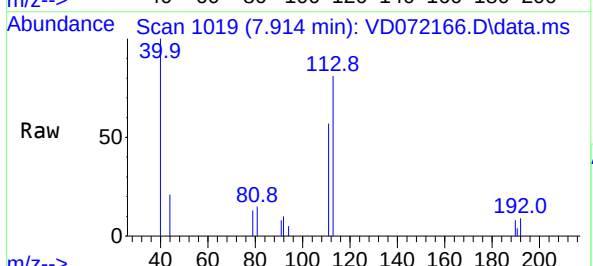
RT: 7.914 min Scan# 1019

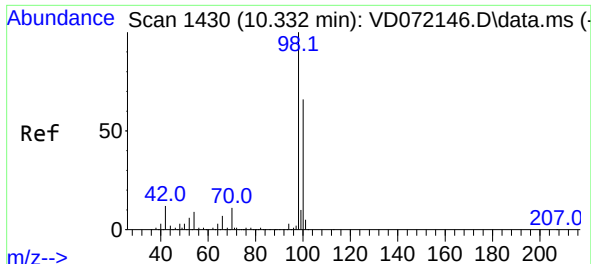
Delta R.T. 0.006 min

Lab File: VD072166.D

Acq: 14 Mar 2022 14:09

Tgt Ion:	113	Resp:	6811
Ion	Ratio	Lower	Upper
113	100		
111	94.7	83.8	125.6
192	15.4	14.6	21.8

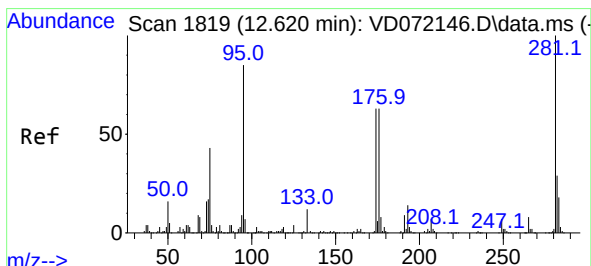
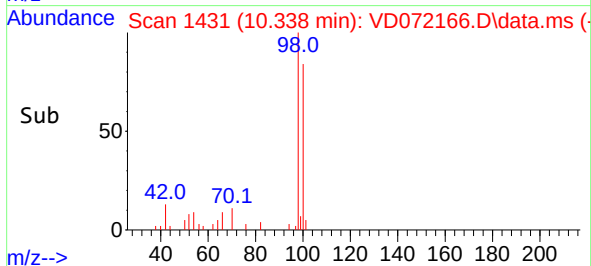
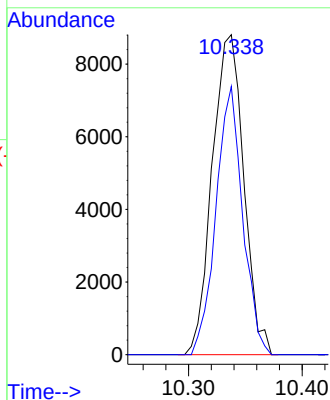
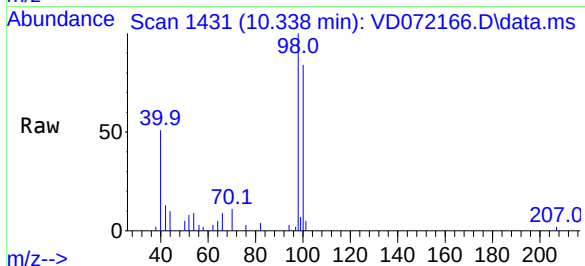




#50
Toluene-d8
Concen: 43.142 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

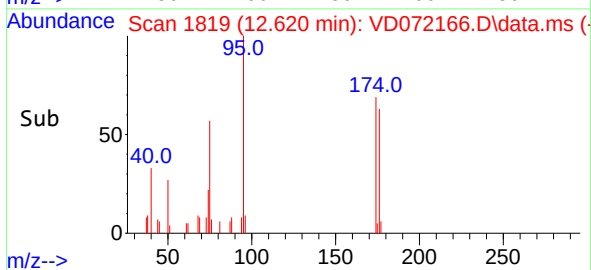
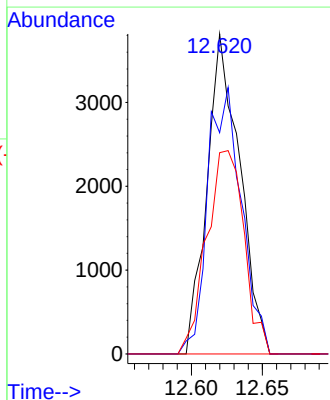
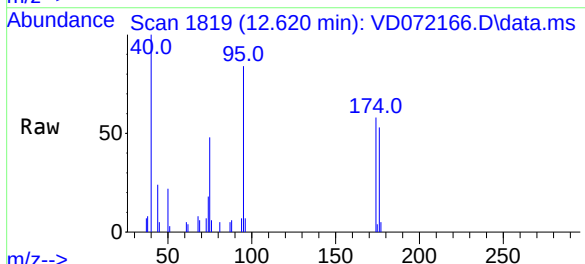
Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

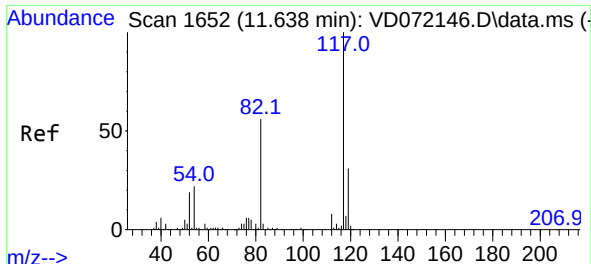
Tgt Ion: 98 Resp: 16979
Ion Ratio Lower Upper
98 100
100 71.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 39.917 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion: 95 Resp: 6104
Ion Ratio Lower Upper
95 100
174 86.1 0.0 152.8
176 72.7 0.0 145.4

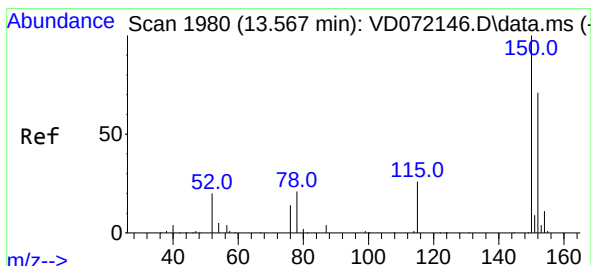
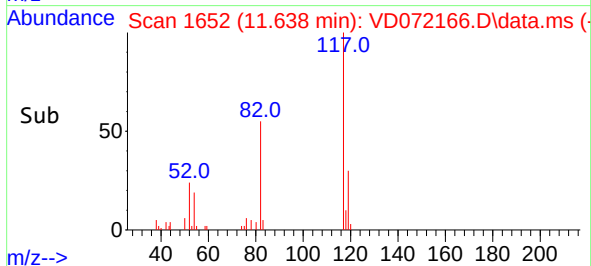
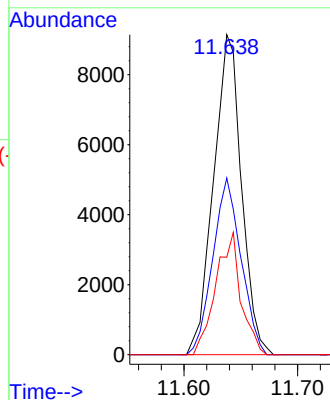
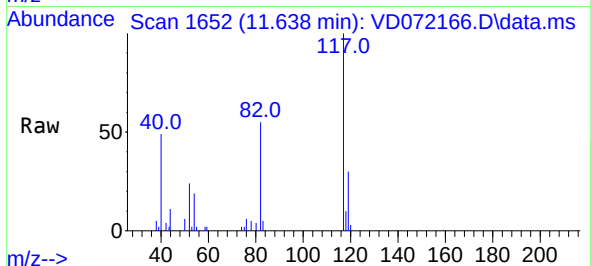




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Instrument :
MSVOA_D
ClientSampleId :
EO-03-030922RE

Tgt Ion:	117	Resp:	15631
Ion	Ratio	Lower	Upper
117	100		
82	55.2	45.3	67.9
119	30.5	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD072166.D
Acq: 14 Mar 2022 14:09

Tgt Ion:	152	Resp:	6902
Ion	Ratio	Lower	Upper
152	100		
115	63.2	31.3	93.8
150	137.1	0.0	348.6

