

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013122\
 Data File : VD071846.D
 Acq On : 31 Jan 2022 15:39
 Operator : VA/SY
 Sample : N1325-13
 Misc : 3.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TEX-1

Quant Time: Jan 31 15:47:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	435777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	799160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	719863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	293851	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	259219	47.062	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.120%
35) Dibromofluoromethane	7.914	113	252384	48.045	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.080%
50) Toluene-d8	10.338	98	1017676	51.873	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.740%
62) 4-Bromofluorobenzene	12.626	95	304851	44.497	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.000%

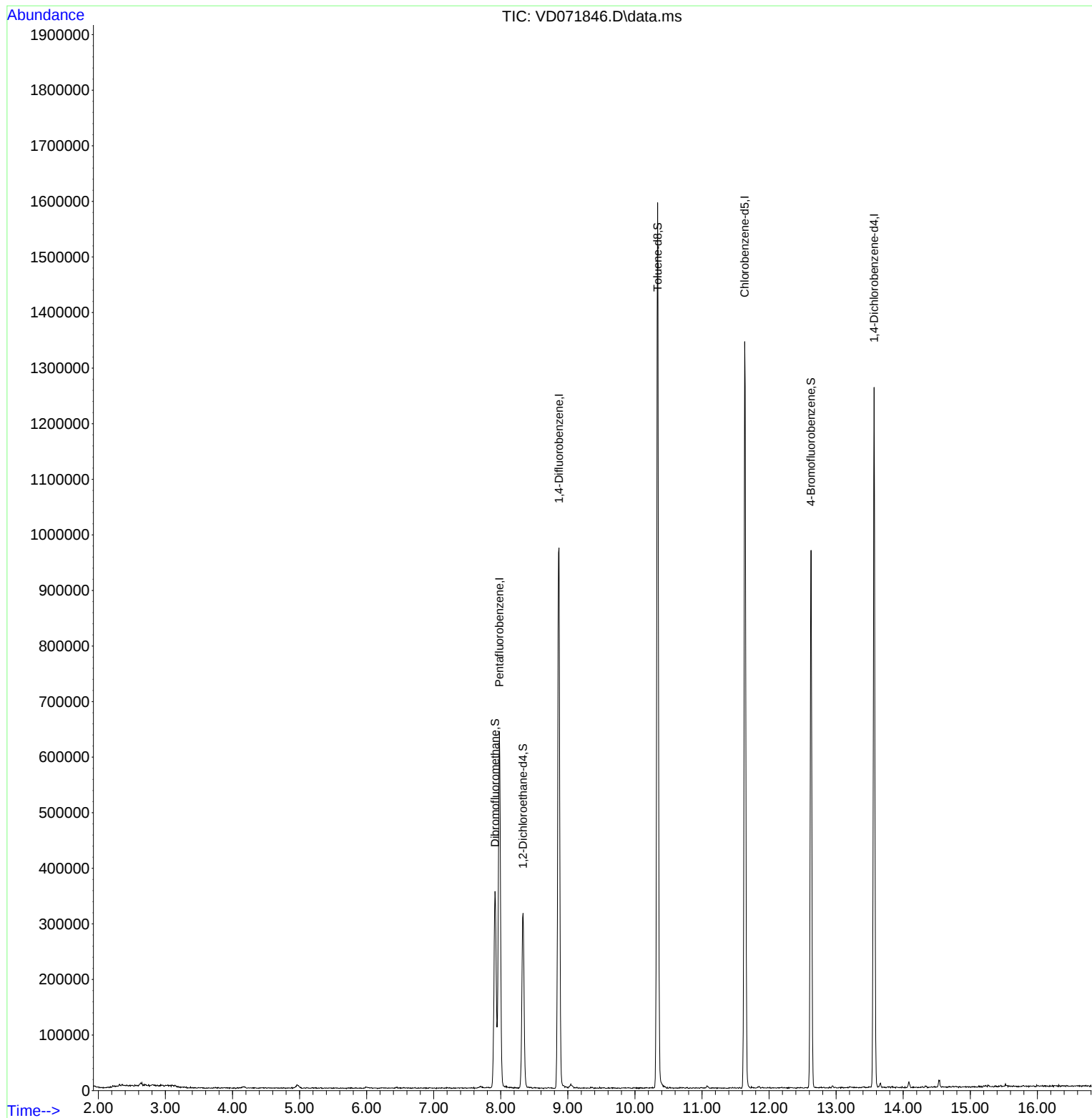
Target Compounds	Qvalue

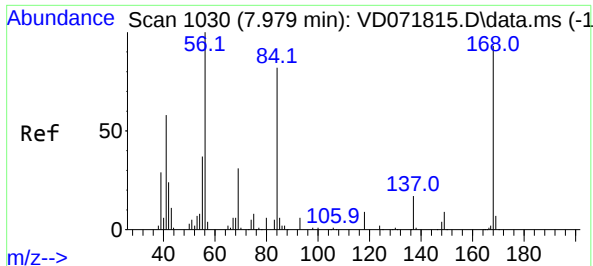
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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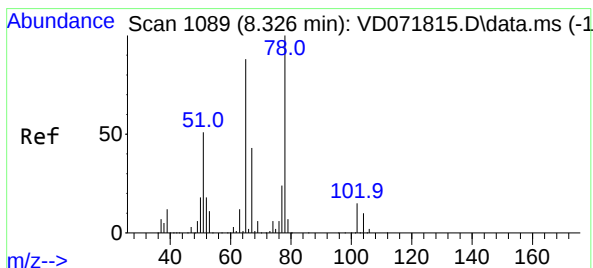
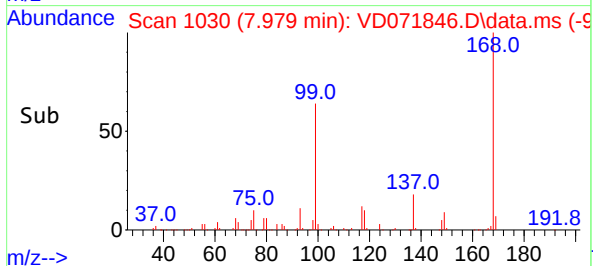
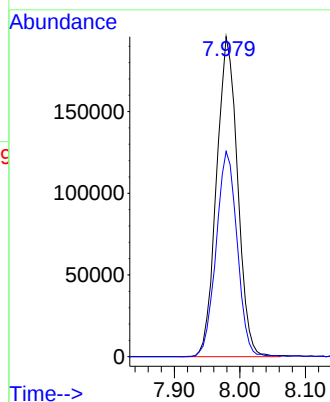
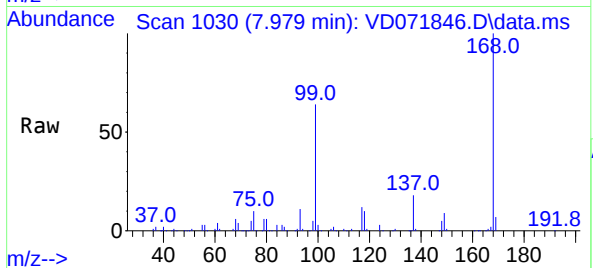




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071846.D
Acq: 31 Jan 2022 15:39

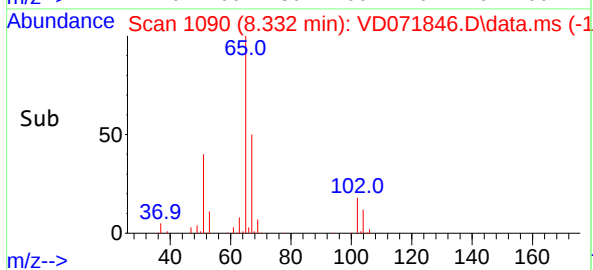
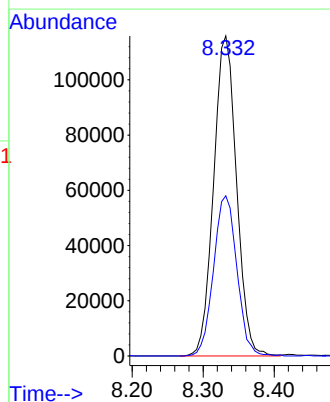
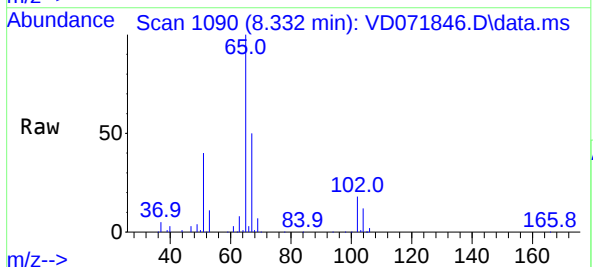
Instrument :
MSVOA_D
ClientSampleId :
TEX-1

Tgt Ion:168 Resp: 435777
Ion Ratio Lower Upper
168 100
99 64.2 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 47.062 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071846.D
Acq: 31 Jan 2022 15:39

Tgt Ion: 65 Resp: 259219
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD071846.D

Acq: 31 Jan 2022 15:39

Instrument :

MSVOA_D

ClientSampleId :

TEX-1

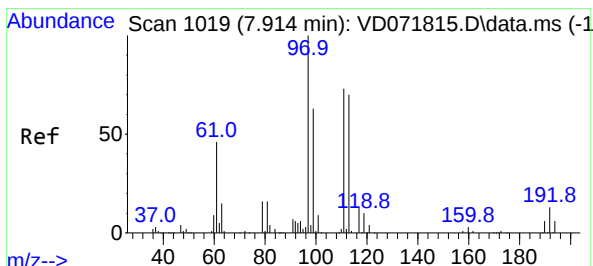
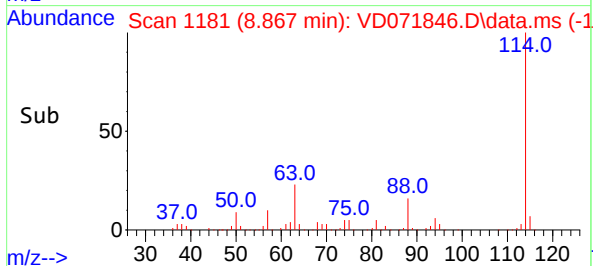
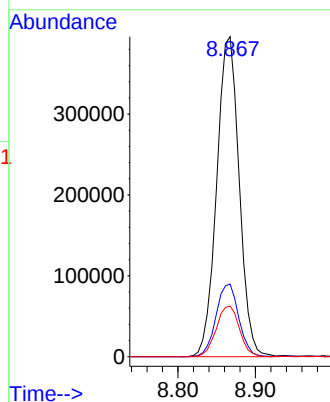
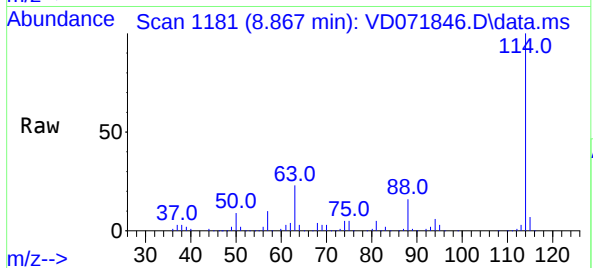
Tgt Ion:114 Resp: 799160

Ion Ratio Lower Upper

114 100

63 22.7 0.0 46.6

88 15.8 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.045 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD071846.D

Acq: 31 Jan 2022 15:39

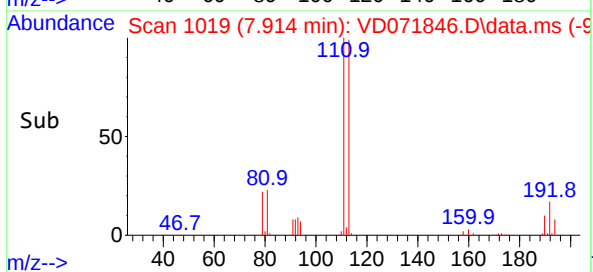
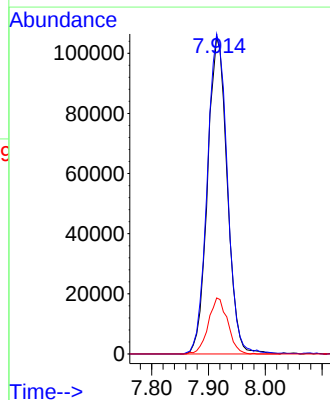
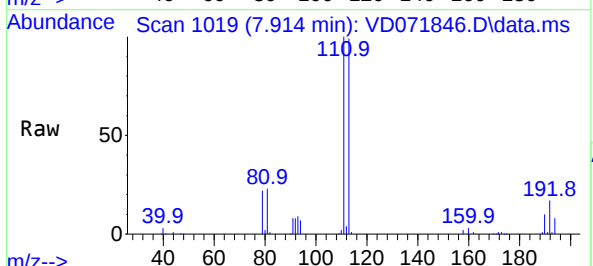
Tgt Ion:113 Resp: 252384

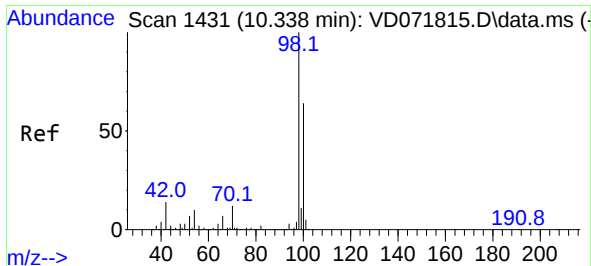
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 17.4 14.6 21.8

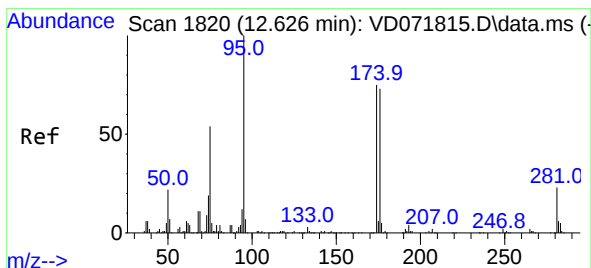
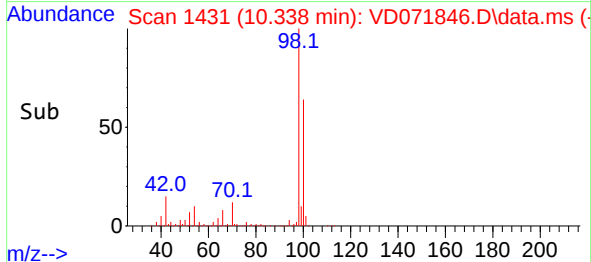
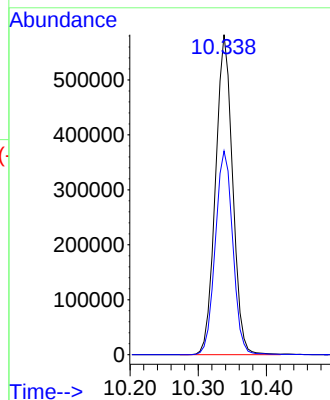
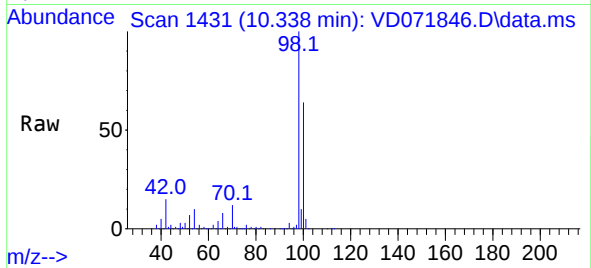




#50
Toluene-d8
Concen: 51.873 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071846.D
Acq: 31 Jan 2022 15:39

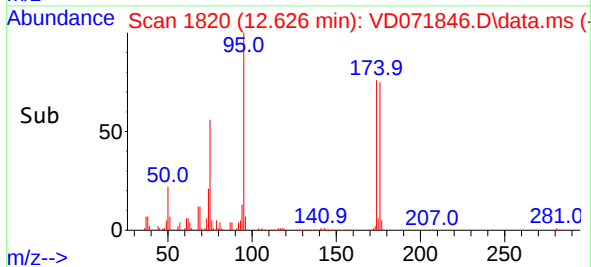
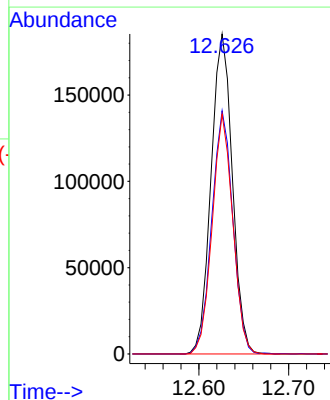
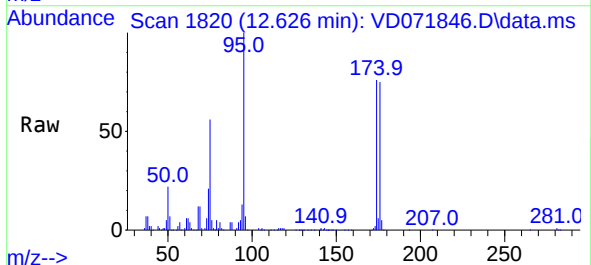
Instrument :
MSVOA_D
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TEX-1

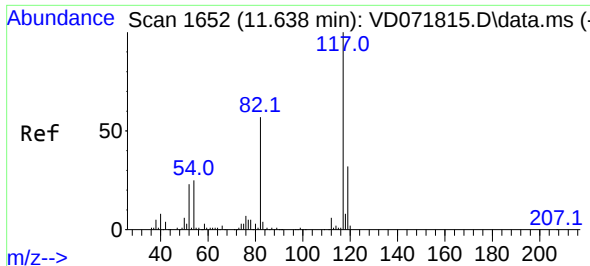
Tgt Ion: 98 Resp: 1017676
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 44.497 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071846.D
Acq: 31 Jan 2022 15:39

Tgt Ion: 95 Resp: 304851
Ion Ratio Lower Upper
95 100
174 75.3 0.0 152.8
176 72.5 0.0 145.4

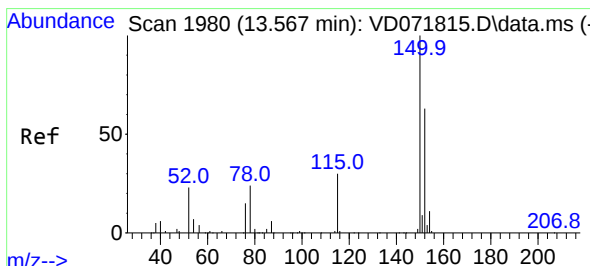
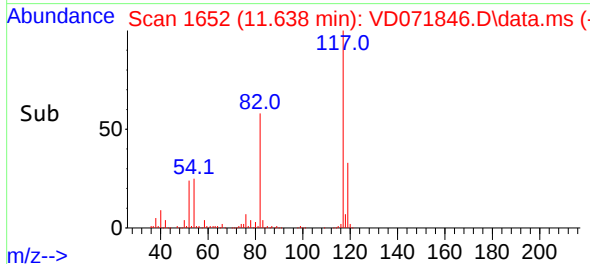
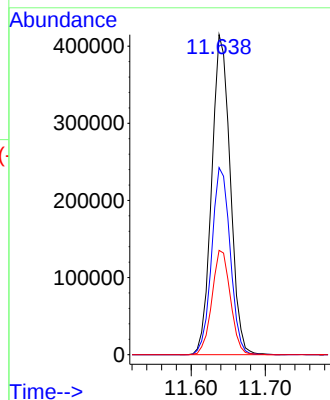
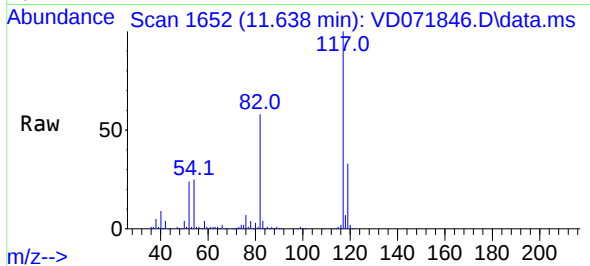




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071846.D
Acq: 31 Jan 2022 15:39

Instrument :
MSVOA_D
ClientSampleId :
TEX-1

Tgt Ion:117 Resp: 719863
Ion Ratio Lower Upper
117 100
82 58.4 45.3 67.9
119 32.6 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: VD071846.D
Acq: 31 Jan 2022 15:39

Tgt Ion:152 Resp: 293851
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.8
150 158.2 0.0 348.6

