

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010422\
 Data File : VD071583.D
 Acq On : 04 Jan 2022 10:39
 Operator : VA/SY
 Sample : VD0104SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0104SBL01

Quant Time: Jan 04 15:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	263098	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	465051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	420711	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	192502	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195668	55.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.920	113	168417	53.885	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.760%
50) Toluene-d8	10.338	98	587075	49.704	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.626	95	200346	47.734	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.460%

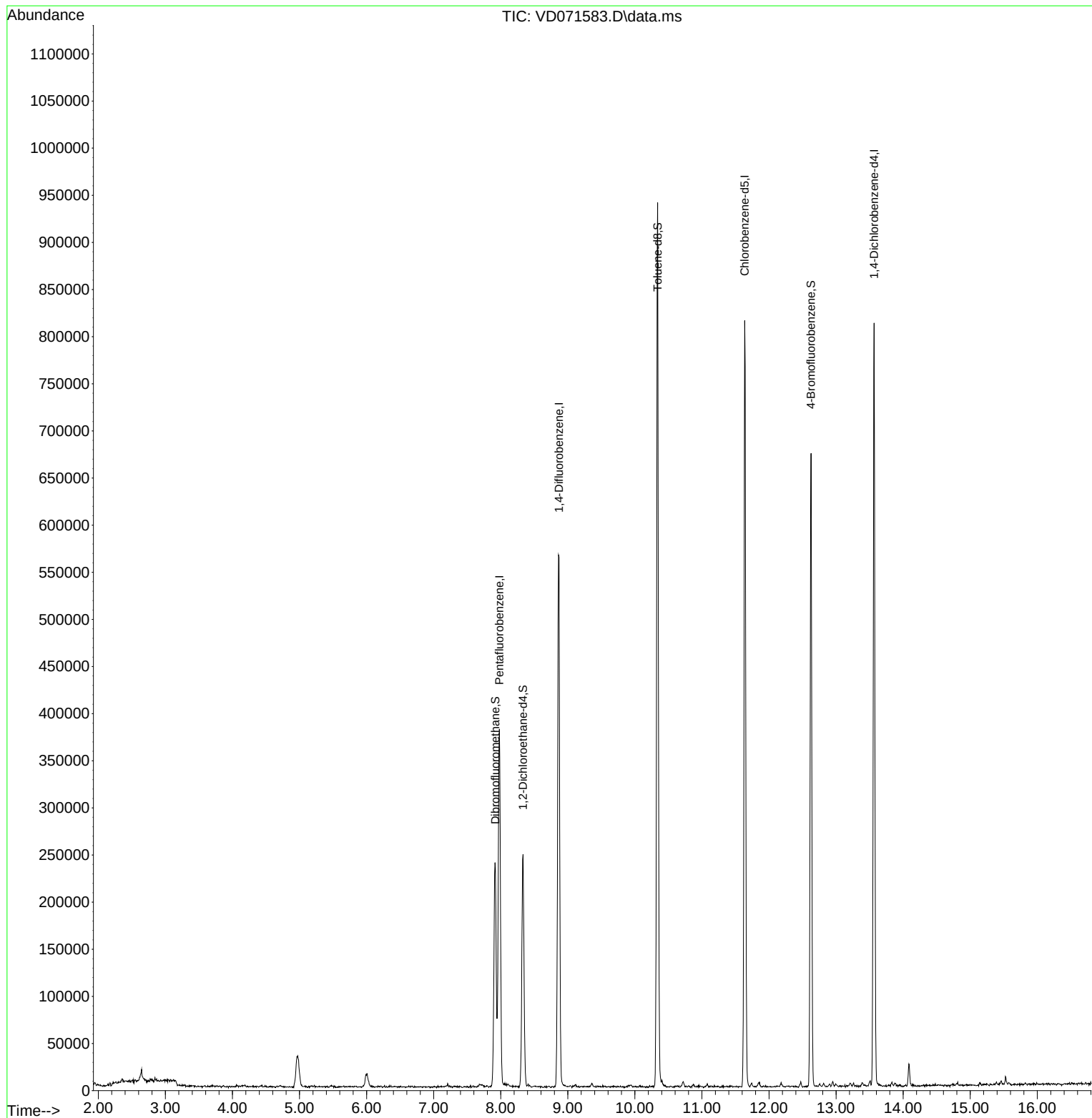
Target Compounds	Qvalue

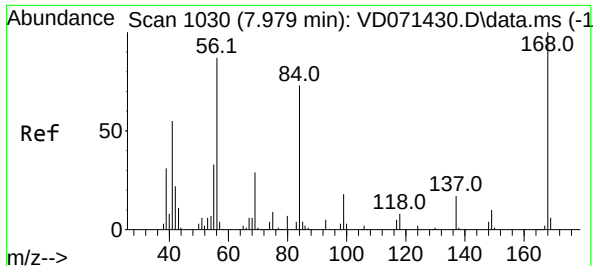
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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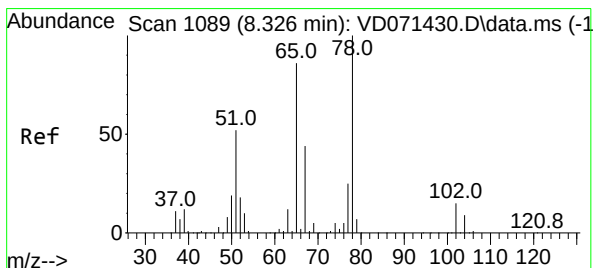
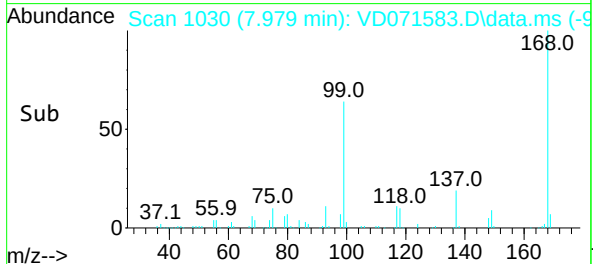
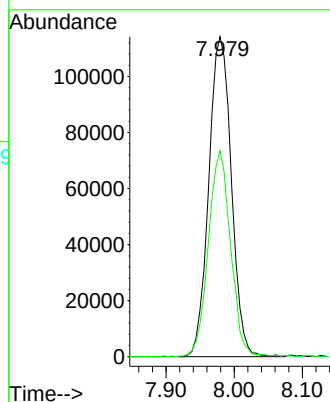
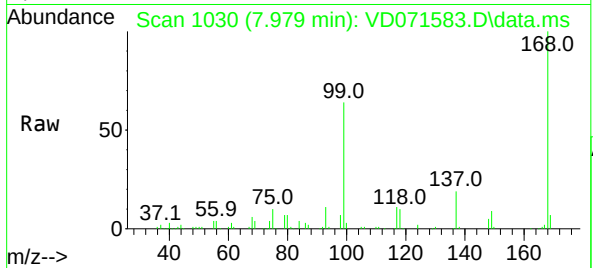




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071583.D
Acq: 04 Jan 2022 10:39

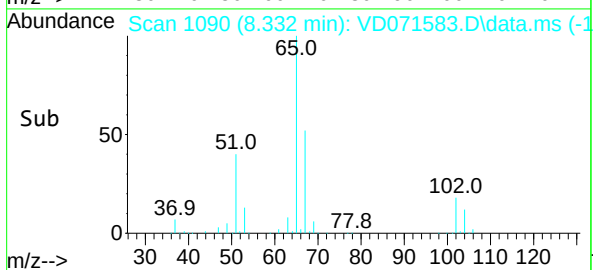
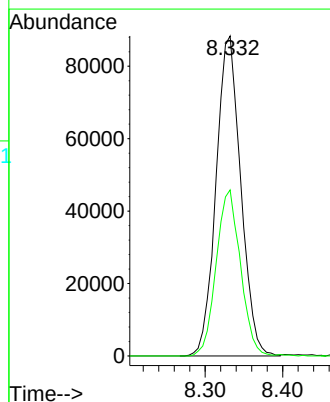
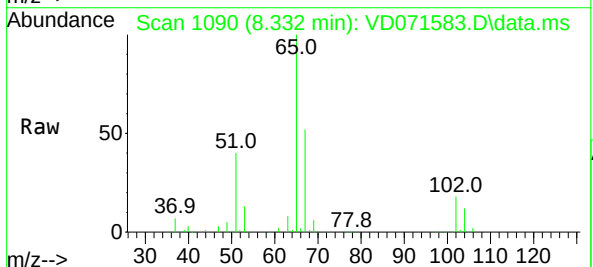
Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

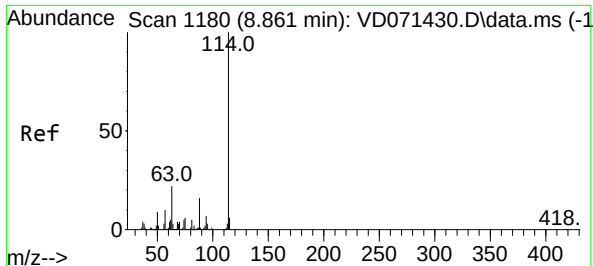
Tgt Ion:168 Resp: 263098
Ion Ratio Lower Upper
168 100
99 64.2 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 55.998 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071583.D
Acq: 04 Jan 2022 10:39

Tgt Ion: 65 Resp: 195668
Ion Ratio Lower Upper
65 100
67 50.9 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD071583.D

Acq: 04 Jan 2022 10:39

Instrument :

MSVOA_D

ClientSampleId :

VD0104SBL01

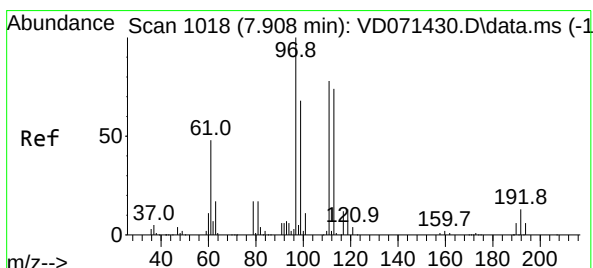
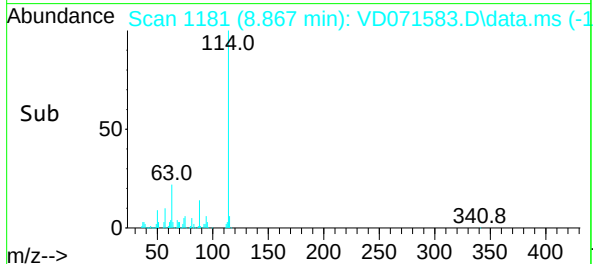
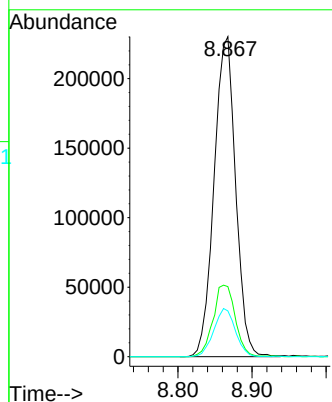
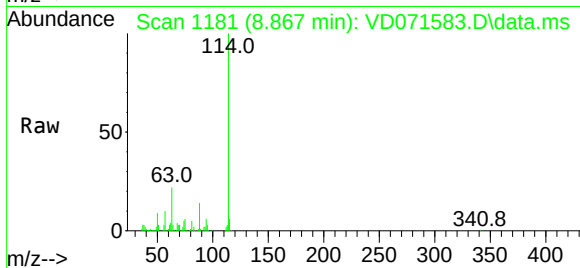
Tgt Ion:114 Resp: 465051

Ion Ratio Lower Upper

114 100

63 21.9 0.0 41.8

88 14.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 53.885 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.012 min

Lab File: VD071583.D

Acq: 04 Jan 2022 10:39

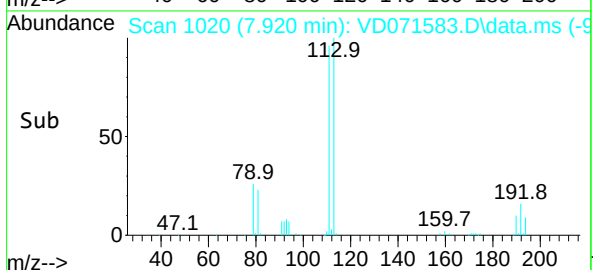
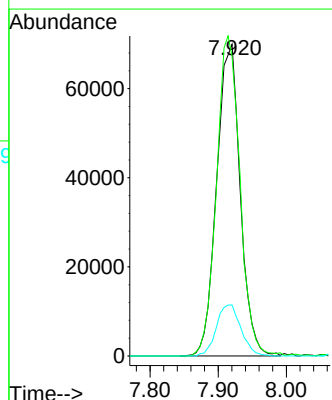
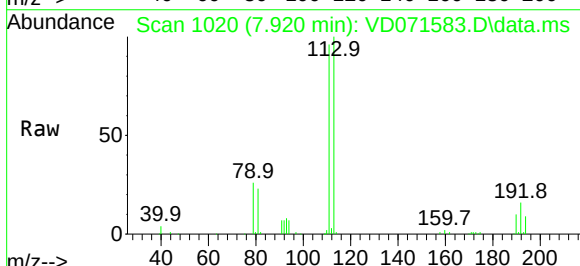
Tgt Ion:113 Resp: 168417

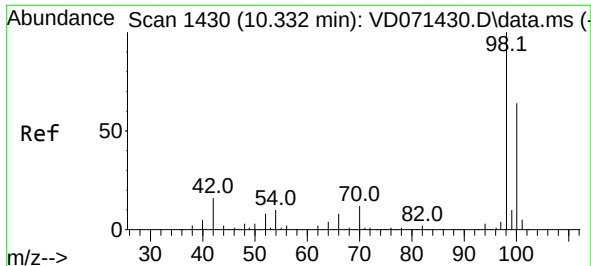
Ion Ratio Lower Upper

113 100

111 102.1 82.0 123.0

192 17.1 15.2 22.8

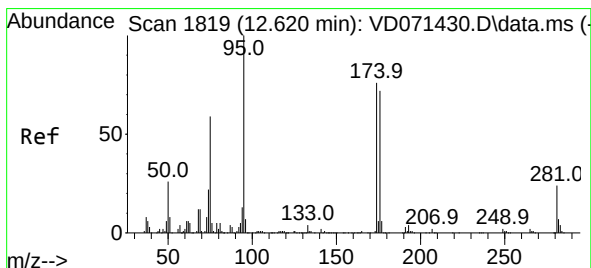
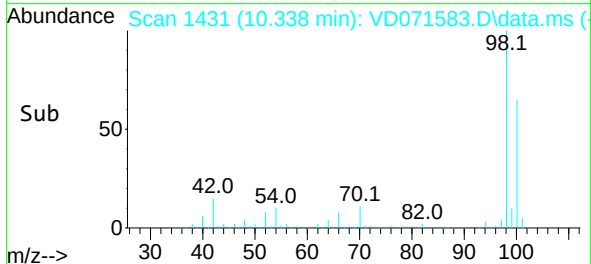
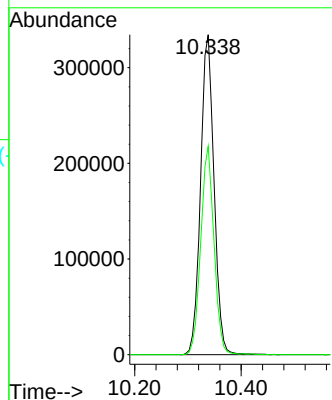
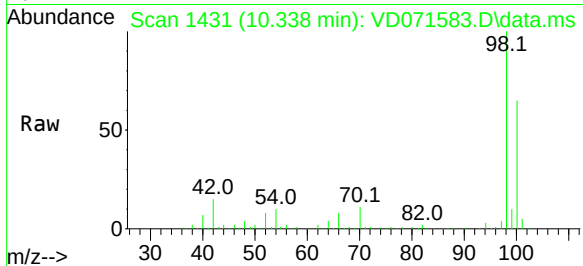




#50
Toluene-d8
Concen: 49.704 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071583.D
Acq: 04 Jan 2022 10:39

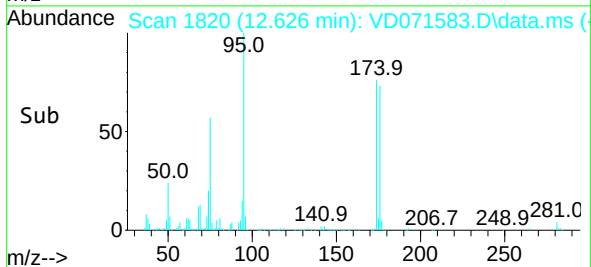
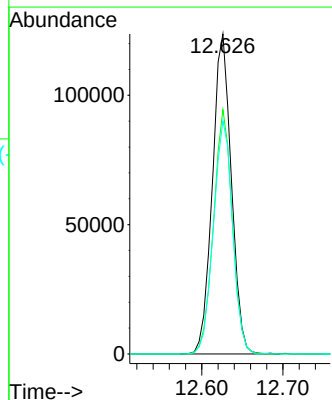
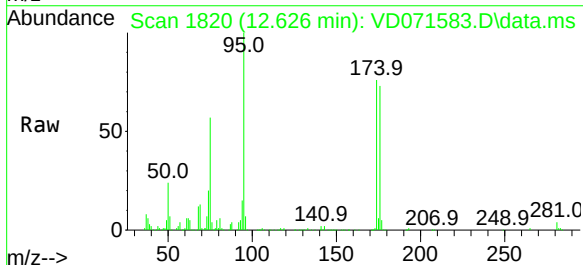
Instrument :
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VD0104SBL01

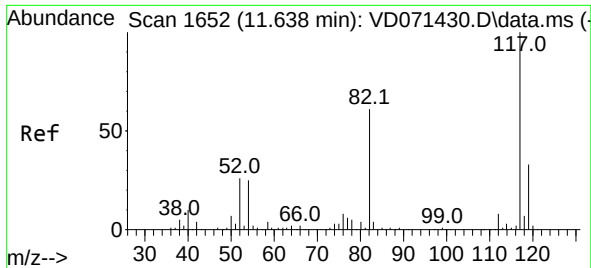
Tgt Ion: 98 Resp: 587075
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 47.734 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071583.D
Acq: 04 Jan 2022 10:39

Tgt Ion: 95 Resp: 200346
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.4
176 73.5 0.0 154.0

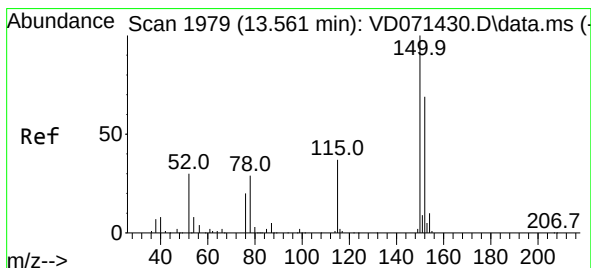
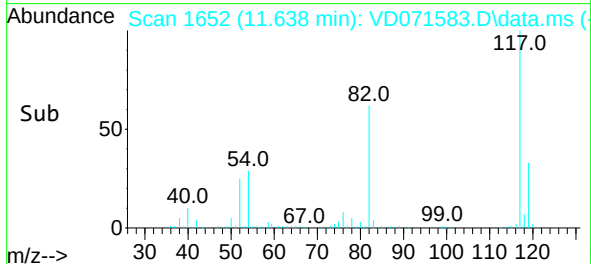
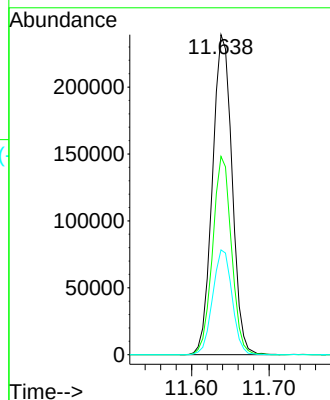
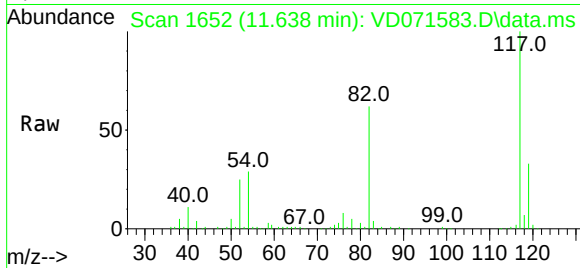




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071583.D
Acq: 04 Jan 2022 10:39

Instrument :
MSVOA_D
ClientSampleId :
VD0104SBL01

Tgt Ion:117 Resp: 420711
Ion Ratio Lower Upper
117 100
82 62.0 44.7 67.1
119 32.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071583.D
Acq: 04 Jan 2022 10:39

Tgt Ion:152 Resp: 192502
Ion Ratio Lower Upper
152 100
115 62.1 29.8 89.3
150 158.9 0.0 349.2

