

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122921\
 Data File : VD071531.D
 Acq On : 29 Dec 2021 16:22
 Operator : VA/SY
 Sample : M5238-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-02-122321

Quant Time: Dec 29 19:50:52 2021
 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	7.973	168	54944	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.855	114	96474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	102998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	49999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	52621	72.113	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	144.220%
35) Dibromofluoromethane	7.903	113	36558	56.384	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.760%
50) Toluene-d8	10.332	98	122609	50.039	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.080%
62) 4-Bromofluorobenzene	12.620	95	47858	54.966	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	109.940%

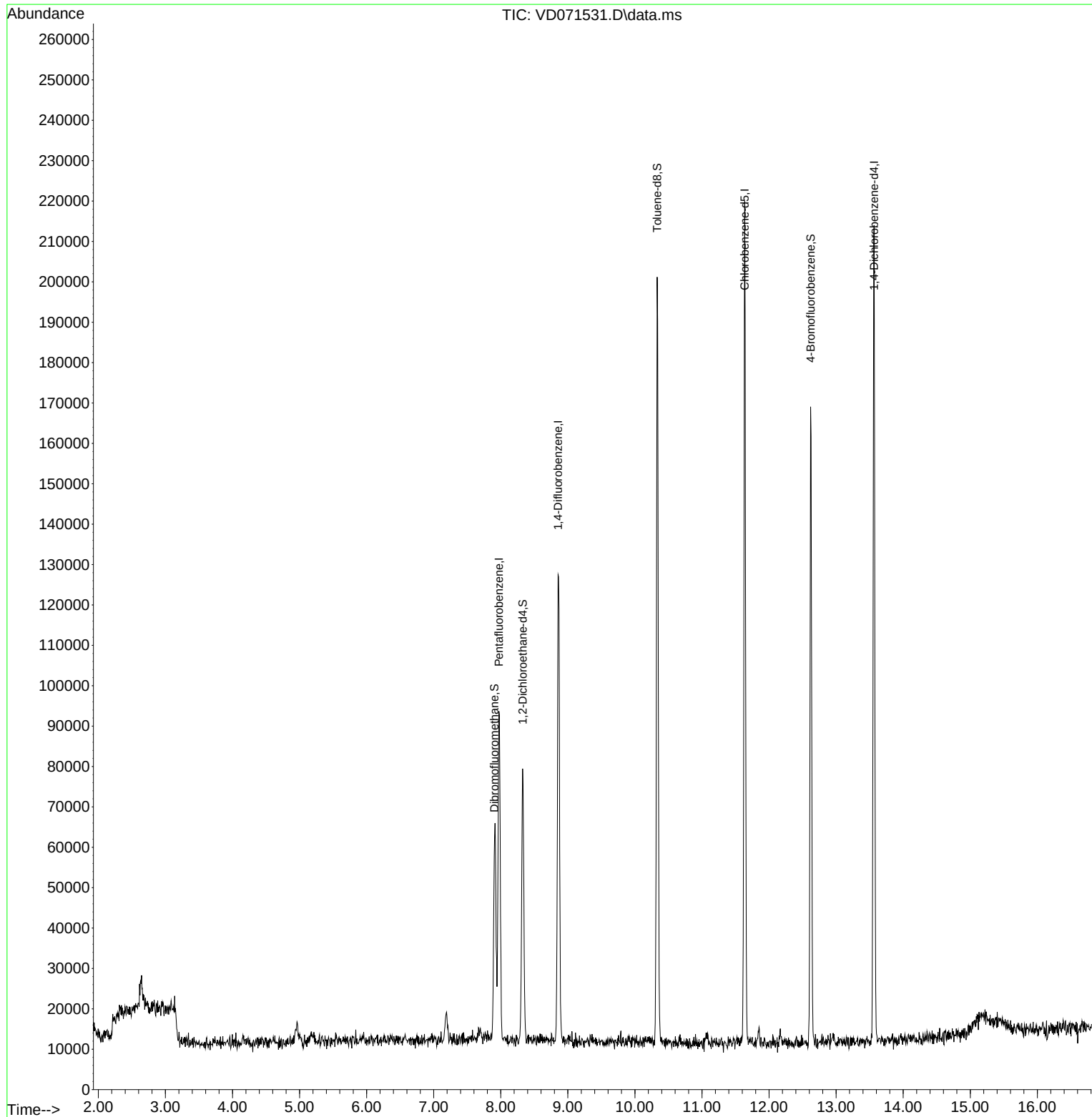
Target Compounds	Qvalue

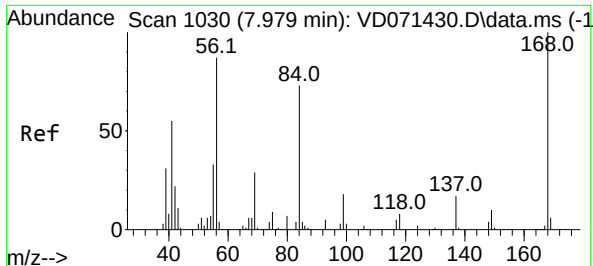
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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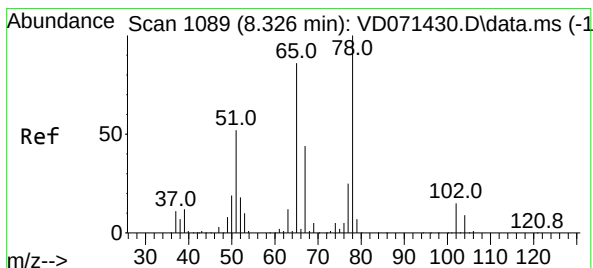
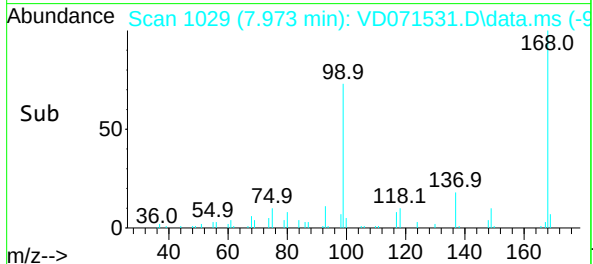
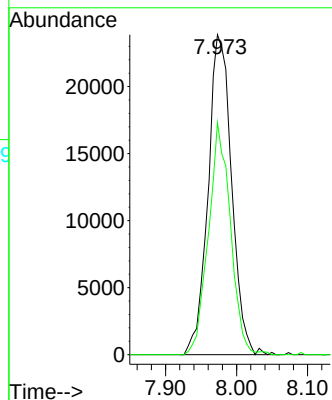
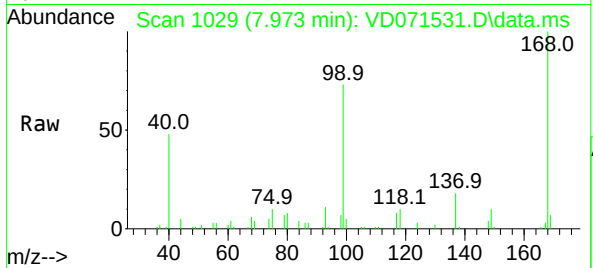




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD071531.D
Acq: 29 Dec 2021 16:22

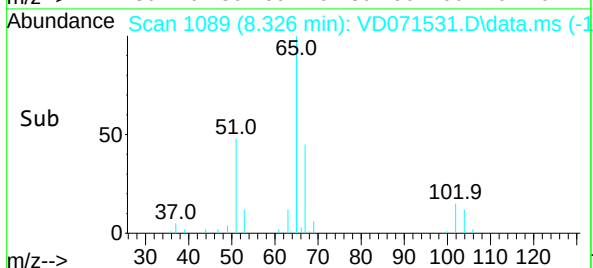
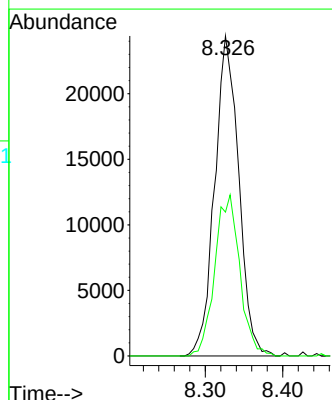
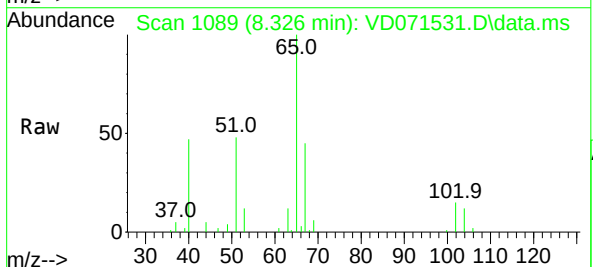
Instrument :
MSVOA_D
ClientSampleId :
OK-02-122321

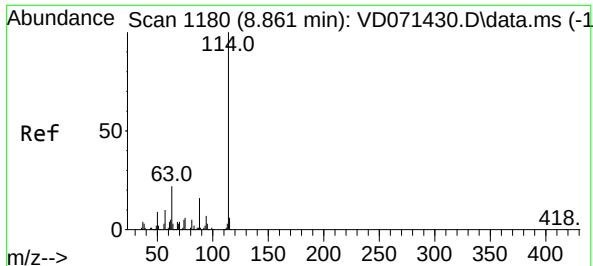
Tgt Ion:168 Resp: 54944
Ion Ratio Lower Upper
168 100
99 72.6 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 72.113 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071531.D
Acq: 29 Dec 2021 16:22

Tgt Ion: 65 Resp: 52621
Ion Ratio Lower Upper
65 100
67 52.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD071531.D

Acq: 29 Dec 2021 16:22

Instrument :

MSVOA_D

ClientSampleId :

OK-02-122321

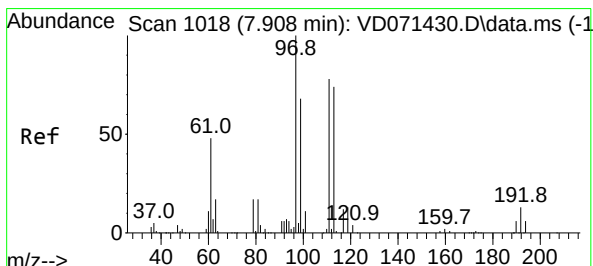
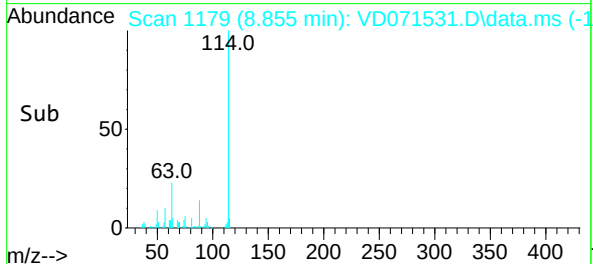
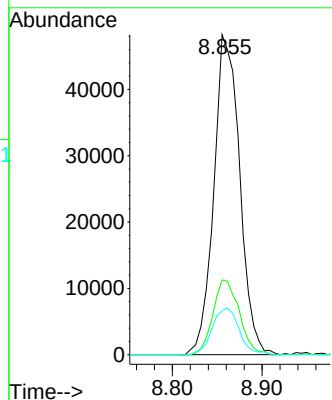
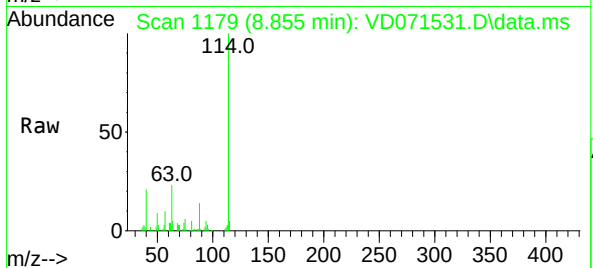
Tgt Ion:114 Resp: 96474

Ion Ratio Lower Upper

114 100

63 23.3 0.0 41.8

88 13.7 0.0 32.8



#35

Dibromofluoromethane

Concen: 56.384 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD071531.D

Acq: 29 Dec 2021 16:22

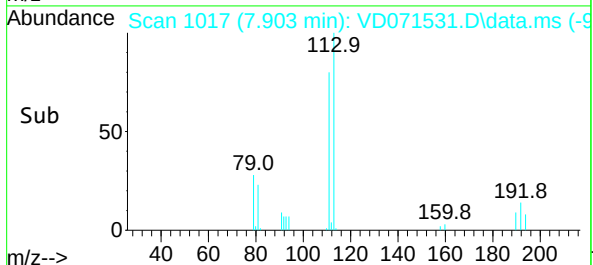
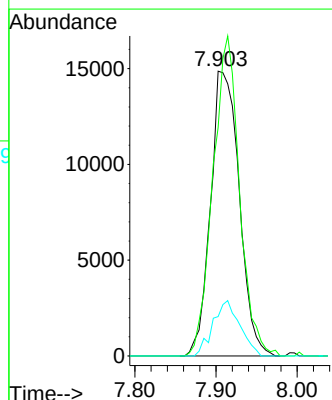
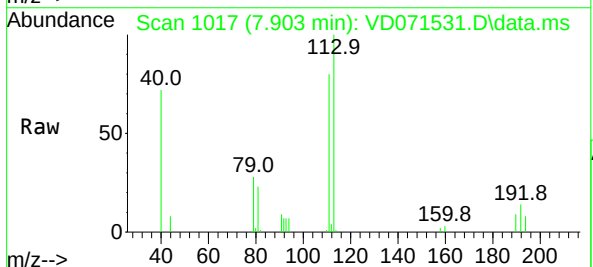
Tgt Ion:113 Resp: 36558

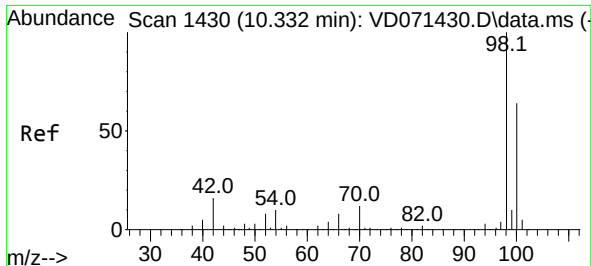
Ion Ratio Lower Upper

113 100

111 104.0 82.0 123.0

192 18.2 15.2 22.8

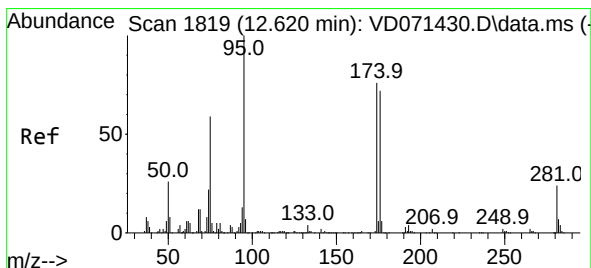
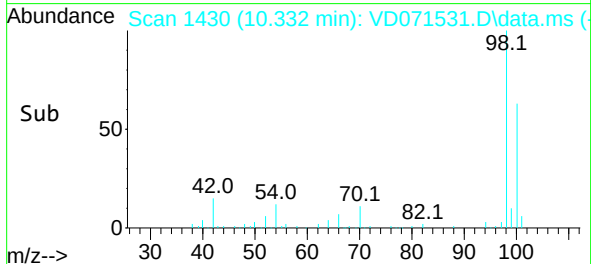
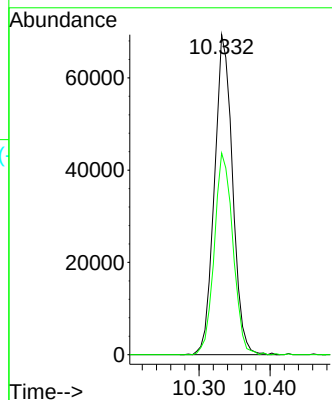
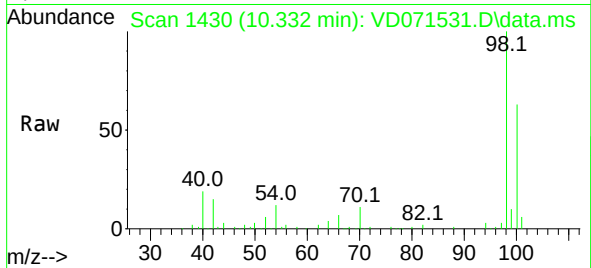




#50
Toluene-d8
Concen: 50.039 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD071531.D
Acq: 29 Dec 2021 16:22

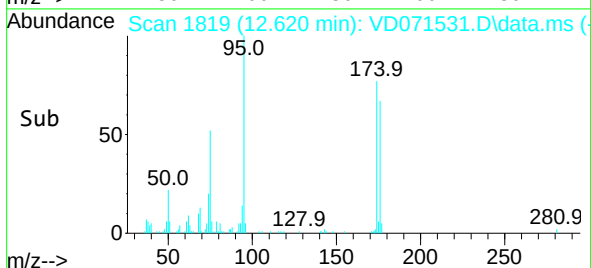
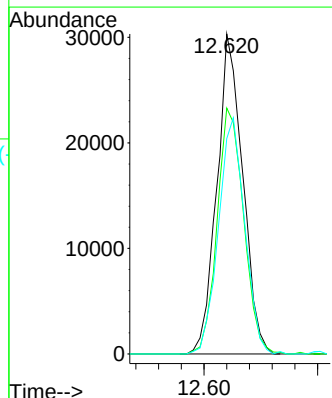
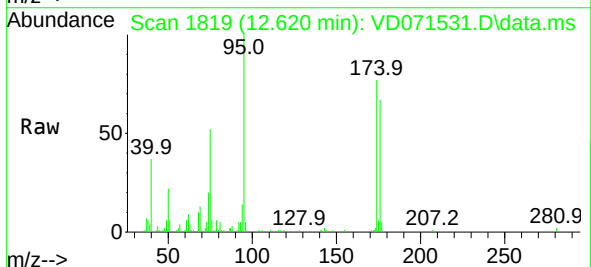
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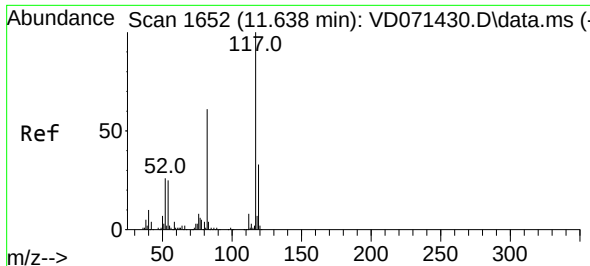
Tgt Ion: 98 Resp: 122609
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 54.966 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071531.D
Acq: 29 Dec 2021 16:22

Tgt Ion: 95 Resp: 47858
Ion Ratio Lower Upper
95 100
174 78.9 0.0 159.4
176 75.0 0.0 154.0

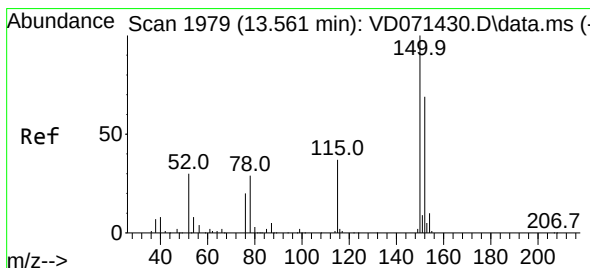
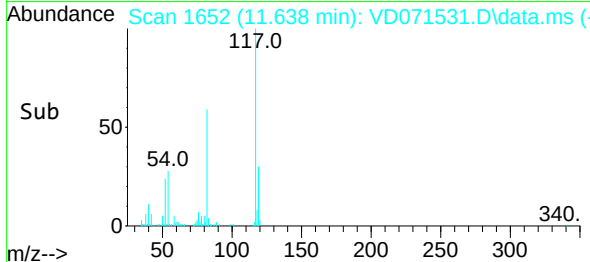
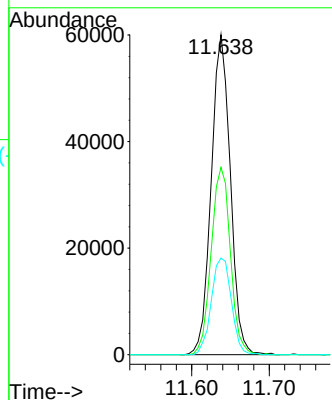
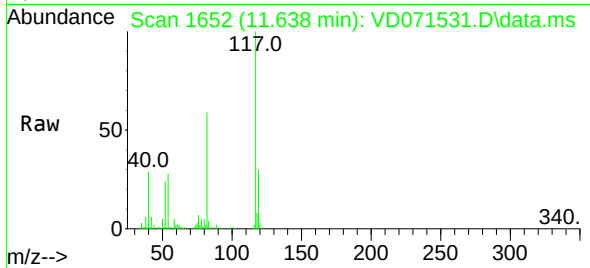




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD071531.D
Acq: 29 Dec 2021 16:22

Instrument :
MSVOA_D
ClientSampleId :
OK-02-122321

Tgt Ion:117 Resp: 102998
Ion Ratio Lower Upper
117 100
82 58.6 44.7 67.1
119 30.2 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: VD071531.D
Acq: 29 Dec 2021 16:22

Tgt Ion:152 Resp: 49999
Ion Ratio Lower Upper
152 100
115 59.7 29.8 89.3
150 158.4 0.0 349.2

