

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121521\
 Data File : VD071339.D
 Acq On : 15 Dec 2021 13:36
 Operator : VA/SY
 Sample : M5064-01RE
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-121-1-(0-5)RE

Quant Time: Dec 16 04:27:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	31380	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	50665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	64319	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	32362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	26094	70.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	141.740%
35) Dibromofluoromethane	7.920	113	18377	56.960	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.920%
50) Toluene-d8	10.332	98	64133	52.235	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.480%
62) 4-Bromofluorobenzene	12.626	95	30452	71.552	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	143.100%

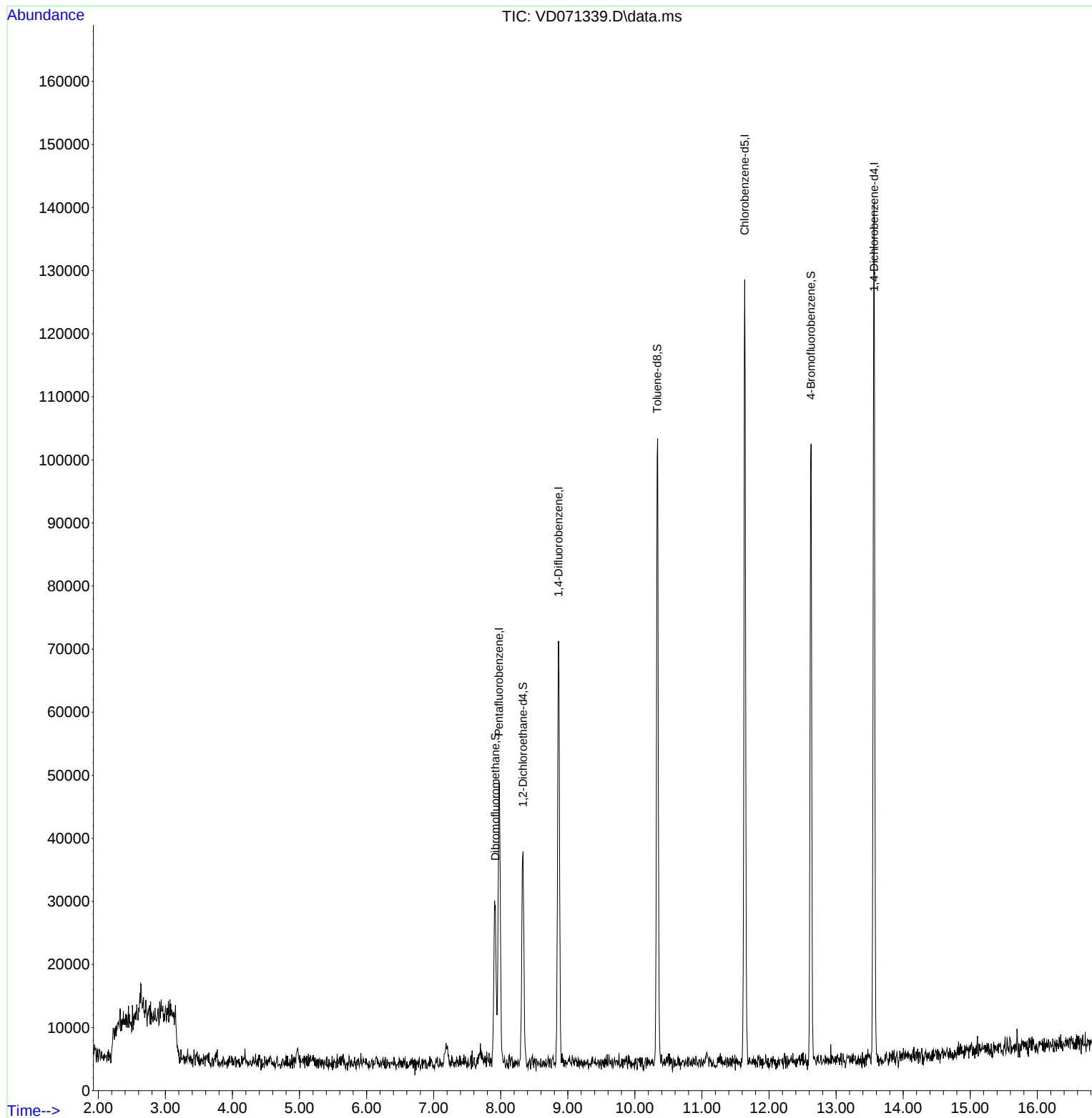
Target Compounds	Qvalue

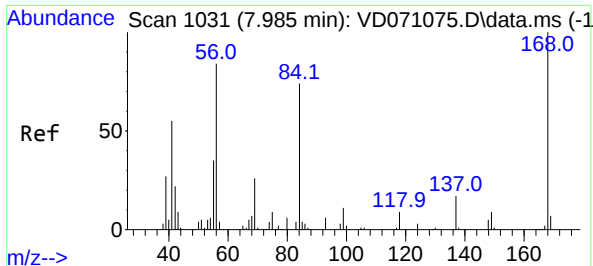
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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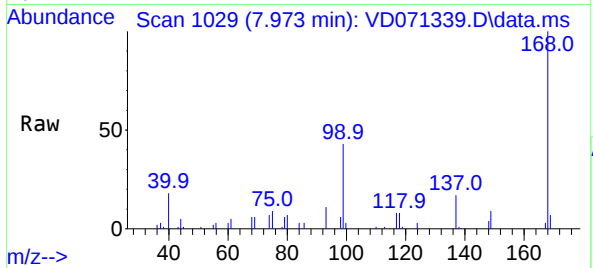
Quant Time: Dec 16 04:27:11 2021
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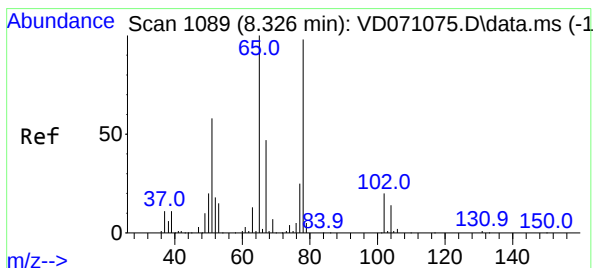
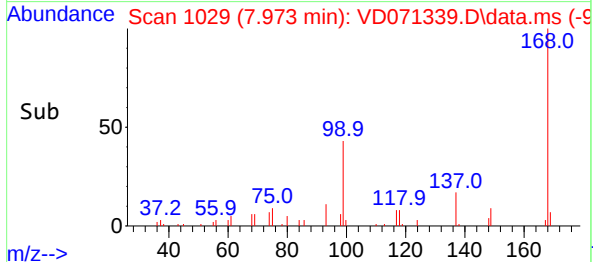
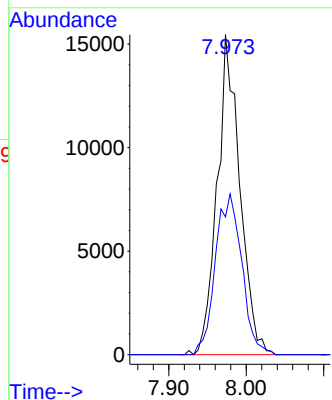


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD071339.D
Acq: 15 Dec 2021 13:36

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(0-5)RE

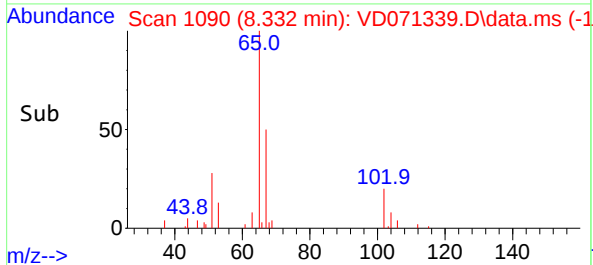
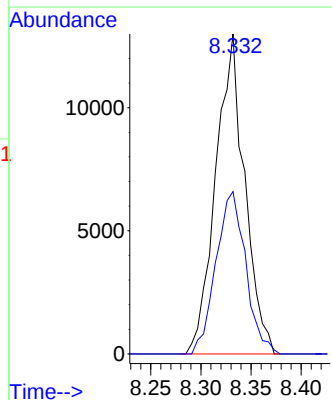
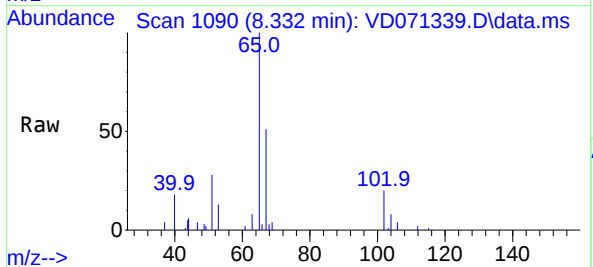


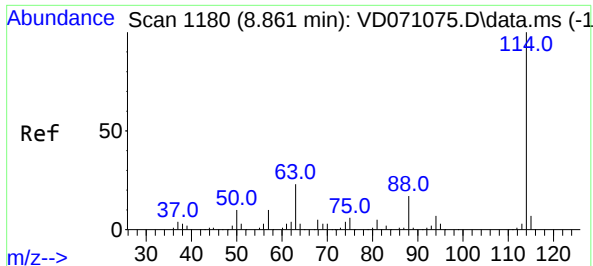
Tgt Ion:168 Resp: 31380
Ion Ratio Lower Upper
168 100
99 43.0 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 70.868 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD071339.D
Acq: 15 Dec 2021 13:36

Tgt Ion: 65 Resp: 26094
Ion Ratio Lower Upper
65 100
67 52.2 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071339.D

Acq: 15 Dec 2021 13:36

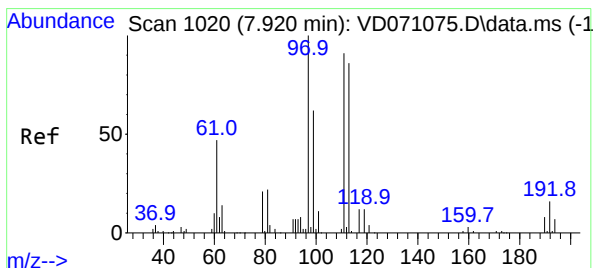
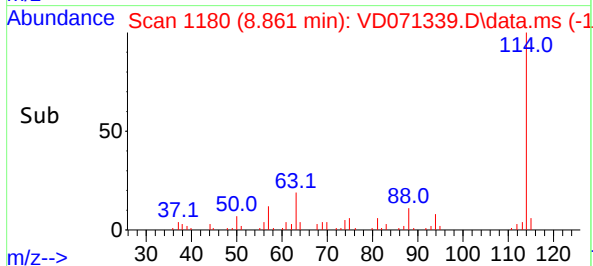
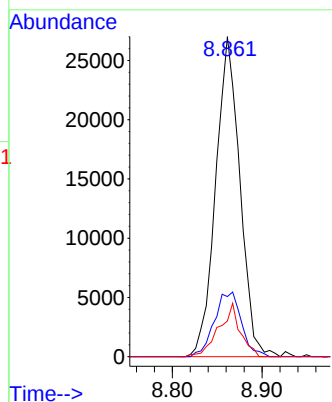
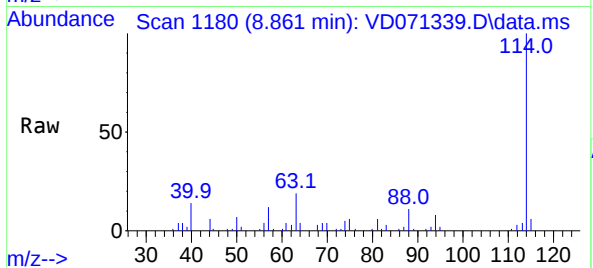
Instrument :

MSVOA_D

ClientSampleId :

SASP2-121-1-(0-5)RE

Tgt Ion:114	Resp:	50665
Ion Ratio	Lower	Upper
114	100	
63	18.8	0.0 41.8
88	11.1	0.0 32.8



#35

Dibromofluoromethane

Concen: 56.960 ug/l

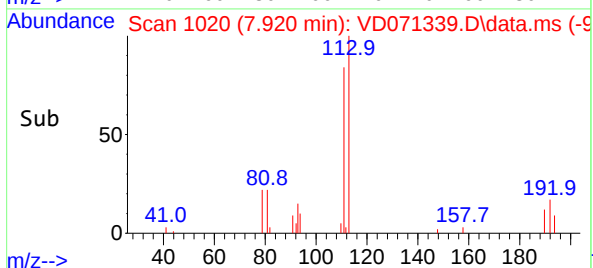
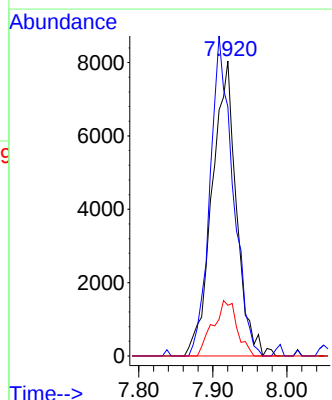
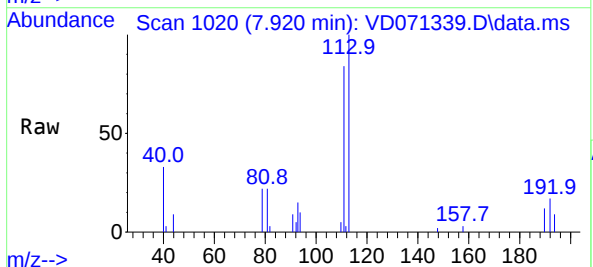
RT: 7.920 min Scan# 1020

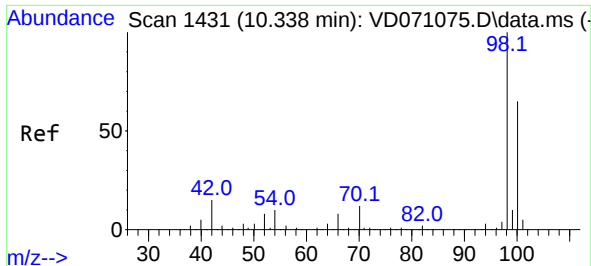
Delta R.T. 0.000 min

Lab File: VD071339.D

Acq: 15 Dec 2021 13:36

Tgt Ion:113	Resp:	18377
Ion Ratio	Lower	Upper
113	100	
111	102.4	82.0 123.0
192	18.4	15.2 22.8

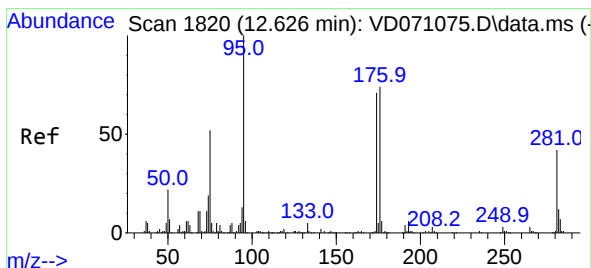
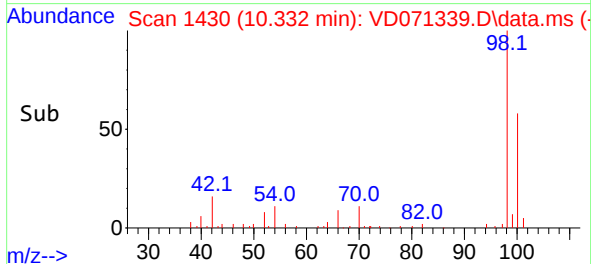
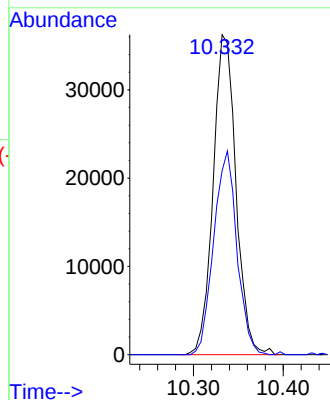
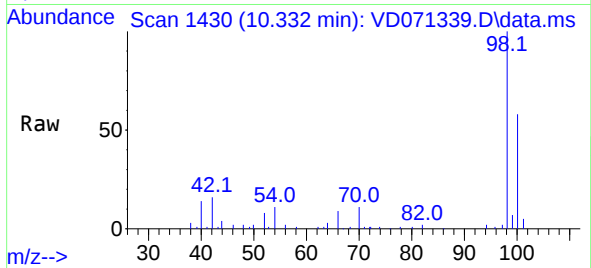




#50
Toluene-d8
Concen: 52.235 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071339.D
Acq: 15 Dec 2021 13:36

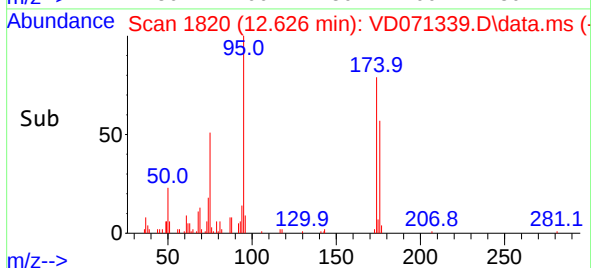
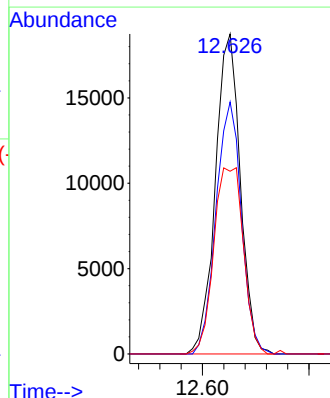
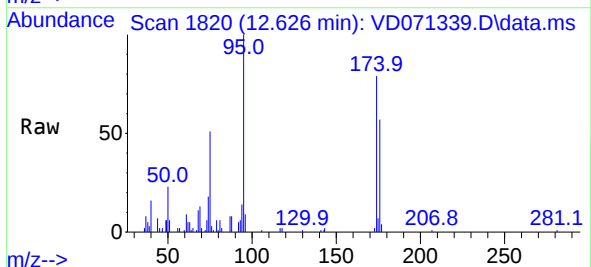
Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(0-5)RE

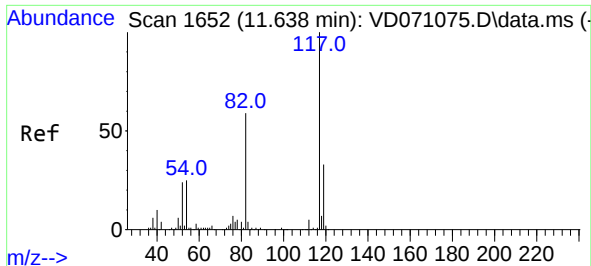
Tgt Ion: 98 Resp: 64133
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 71.552 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071339.D
Acq: 15 Dec 2021 13:36

Tgt Ion: 95 Resp: 30452
Ion Ratio Lower Upper
95 100
174 80.0 0.0 159.4
176 69.0 0.0 154.0

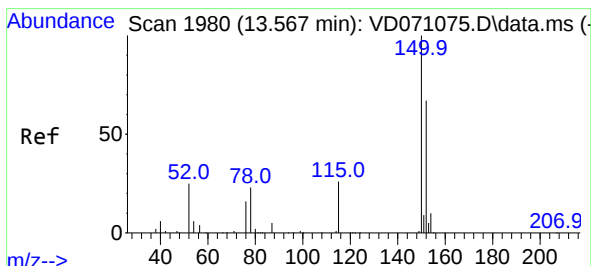
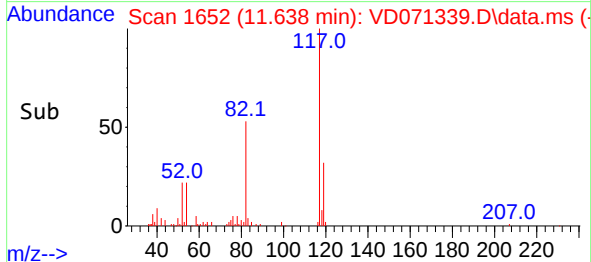
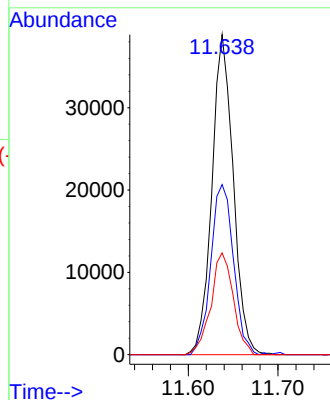
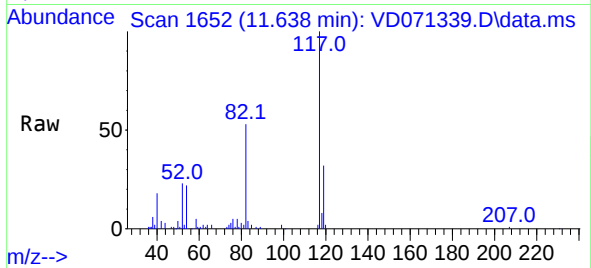




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071339.D
Acq: 15 Dec 2021 13:36

Instrument :
MSVOA_D
ClientSampleId :
SASP2-121-1-(0-5)RE

Tgt Ion:117 Resp: 64319
Ion Ratio Lower Upper
117 100
82 53.1 44.7 67.1
119 31.8 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071339.D
Acq: 15 Dec 2021 13:36

Tgt Ion:152 Resp: 32362
Ion Ratio Lower Upper
152 100
115 60.9 29.8 89.3
150 154.9 0.0 349.2

