

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111521\
 Data File : VD071032.D
 Acq On : 15 Nov 2021 17:08
 Operator : VA/SY
 Sample : M4602-01
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 R-LA-6/2-WC

Quant Time: Nov 16 03:22:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110921S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 10 03:55:51 2021
 Response via : Initial Calibration

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

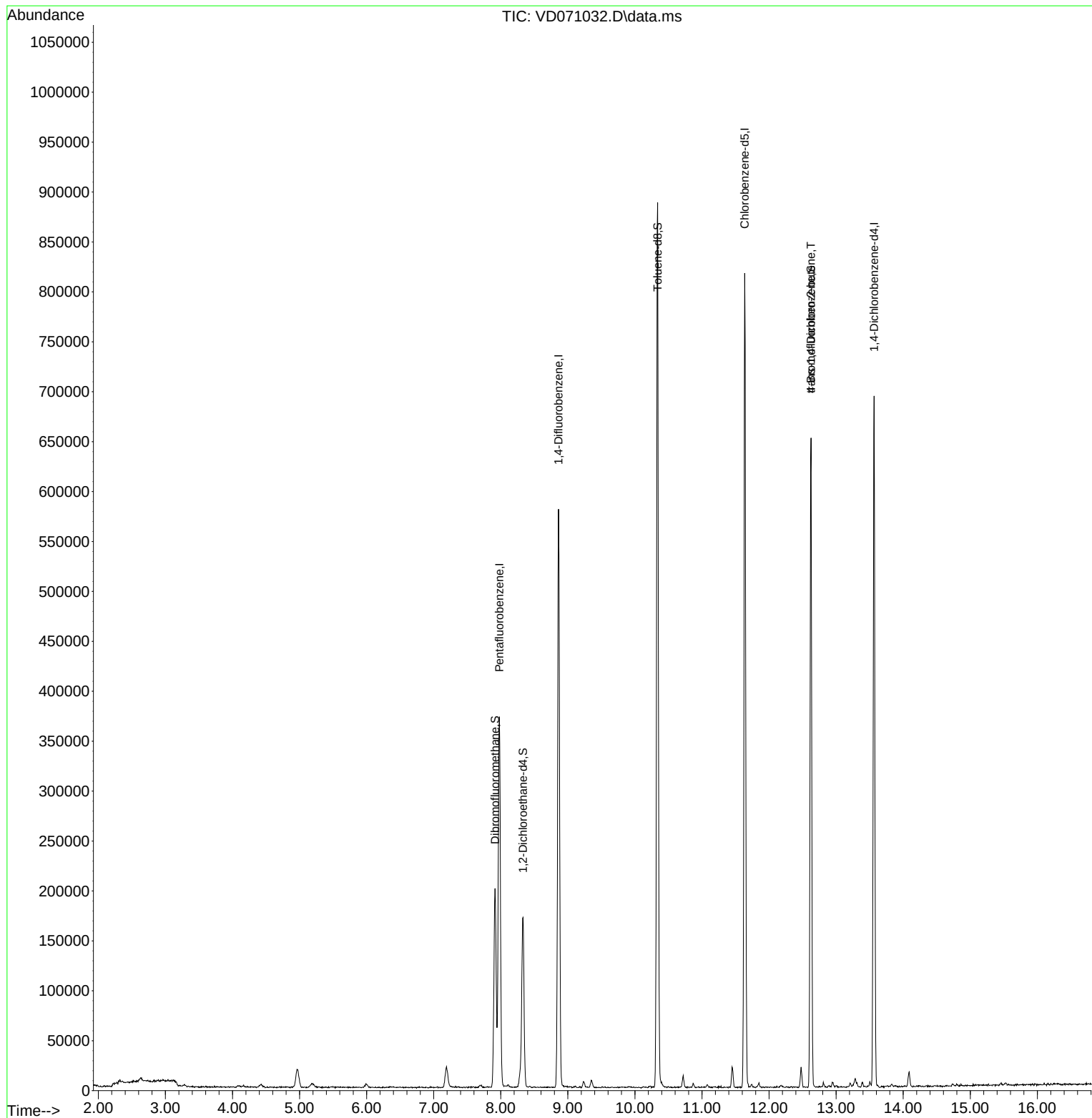
Internal Standards						
1) Pentafluorobenzene	7.979	168	264560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	468794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	434411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	170692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	137509	48.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.640%
35) Dibromofluoromethane	7.914	113	140066	52.949	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.900%
50) Toluene-d8	10.338	98	583031	56.279	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.560%
62) 4-Bromofluorobenzene	12.626	95	194924	52.257	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.520%
Target Compounds						
81) trans-1,4-Dichloro-2-b...	12.626	75	109051	137.761	ug/l	Qvalue # 18

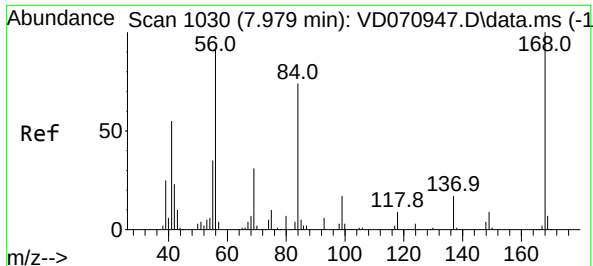
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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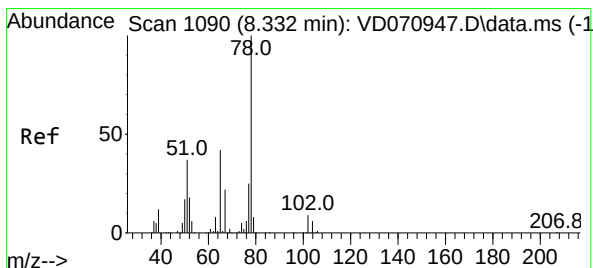
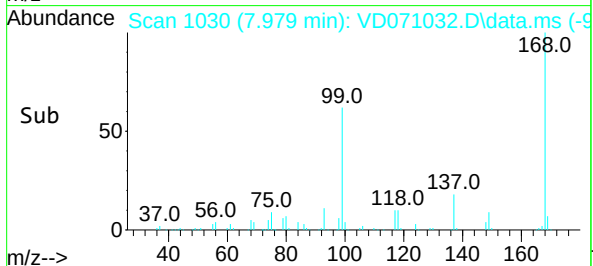
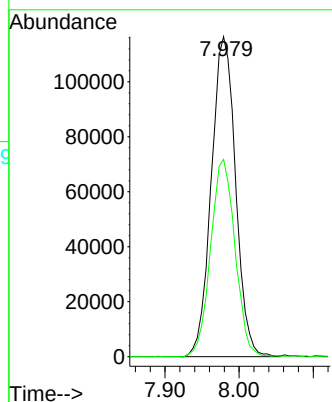
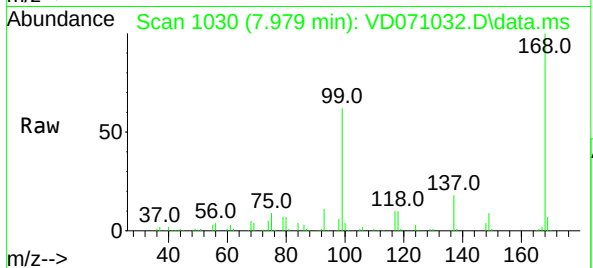




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071032.D
Acq: 15 Nov 2021 17:08

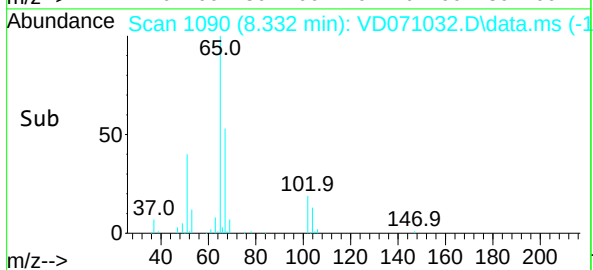
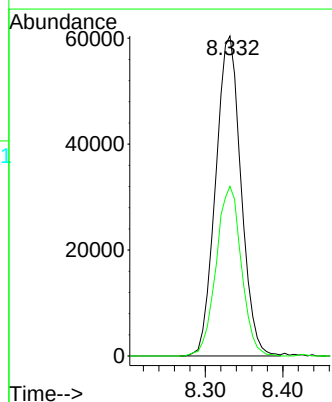
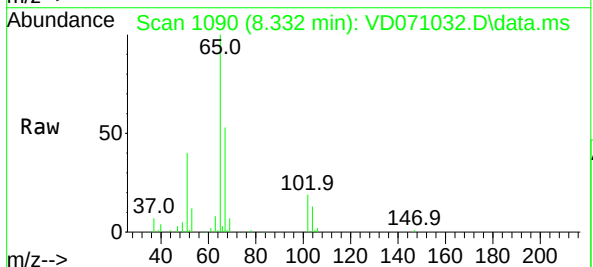
Instrument :
MSVOA_D
ClientSampleId :
R-LA-6/2-WC

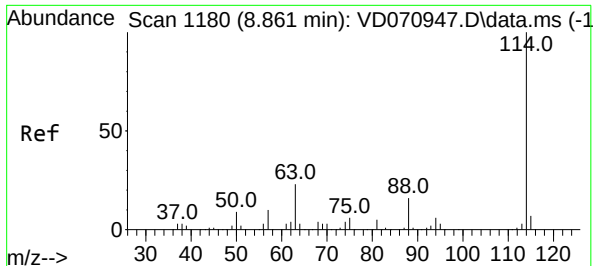
Tgt Ion:168 Resp: 264560
Ion Ratio Lower Upper
168 100
99 61.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 48.818 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071032.D
Acq: 15 Nov 2021 17:08

Tgt Ion: 65 Resp: 137509
Ion Ratio Lower Upper
65 100
67 52.7 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: VD071032.D

Acq: 15 Nov 2021 17:08

Instrument :

MSVOA_D

ClientSampleId :

R-LA-6/2-WC

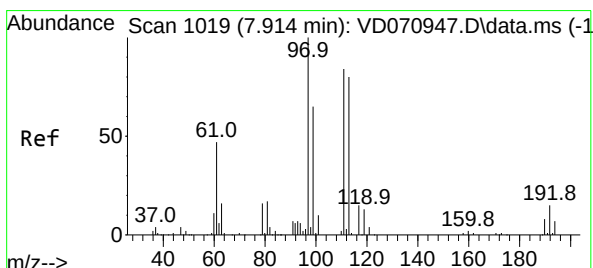
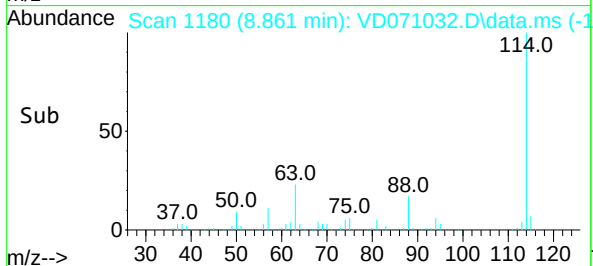
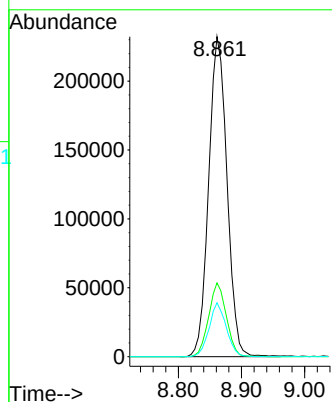
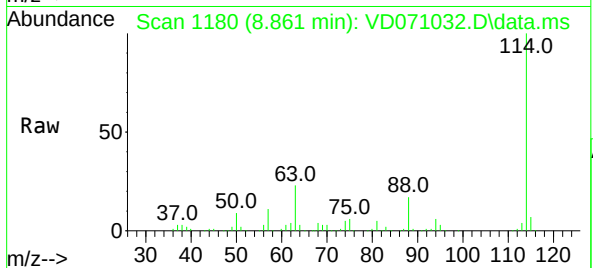
Tgt Ion:114 Resp: 468794

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.8

88 16.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 52.949 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071032.D

Acq: 15 Nov 2021 17:08

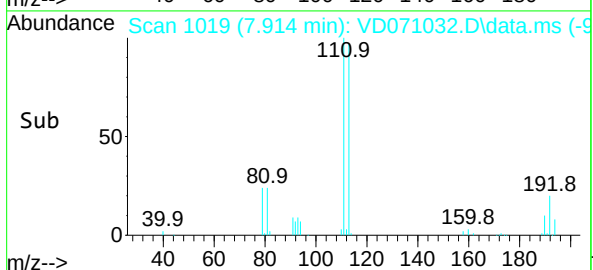
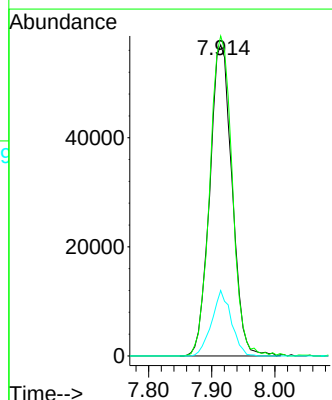
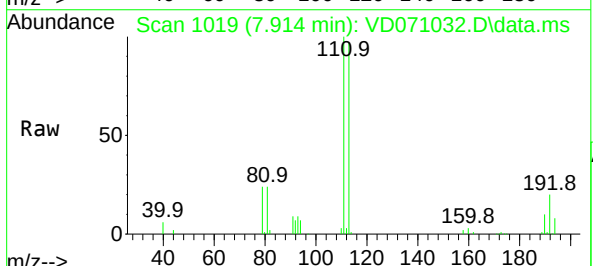
Tgt Ion:113 Resp: 140066

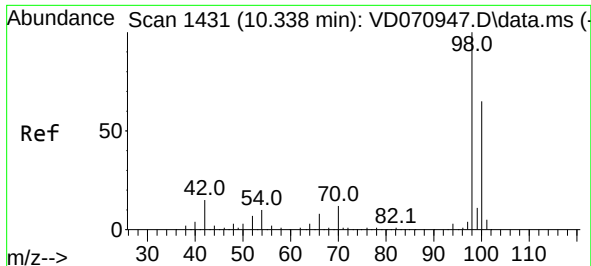
Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 18.5 15.2 22.8

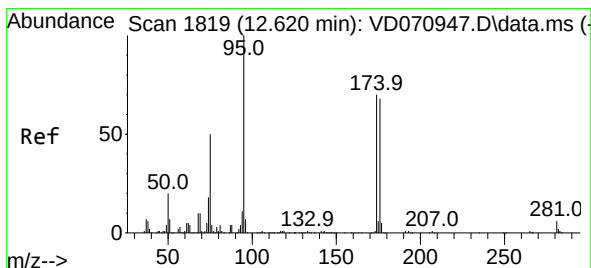
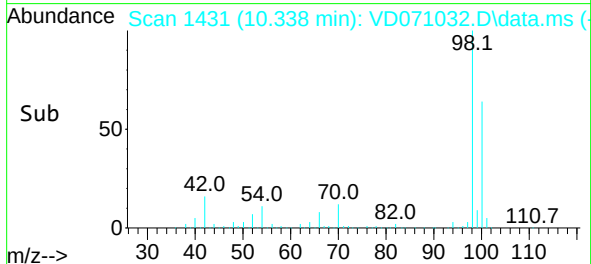
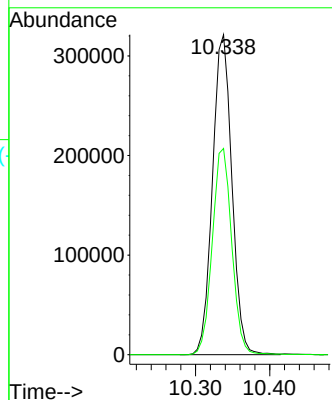
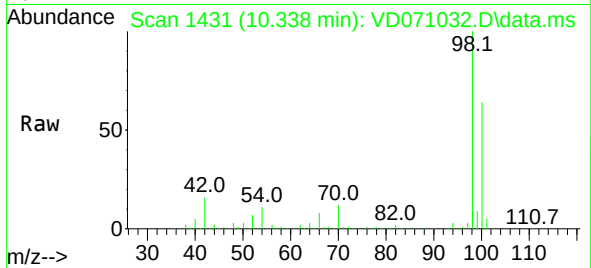




#50
Toluene-d8
Concen: 56.279 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071032.D
Acq: 15 Nov 2021 17:08

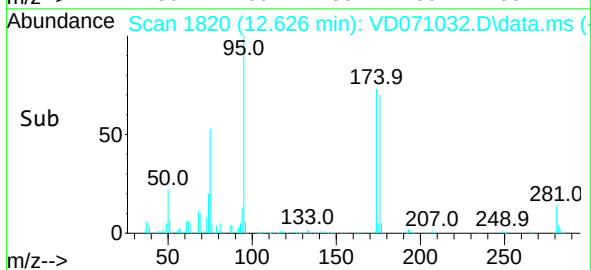
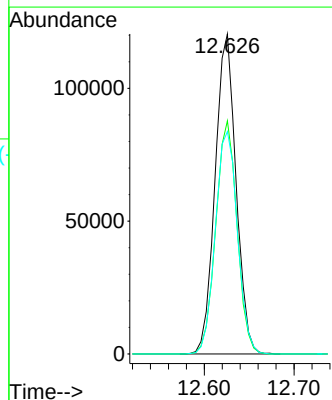
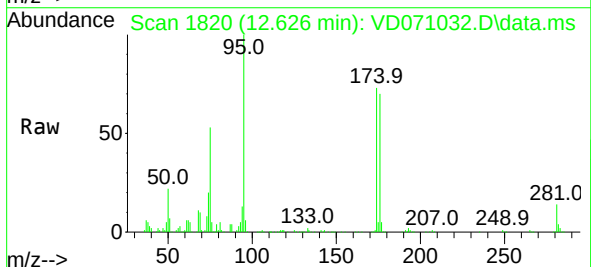
Instrument :
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ClientSampleId :
R-LA-6/2-WC

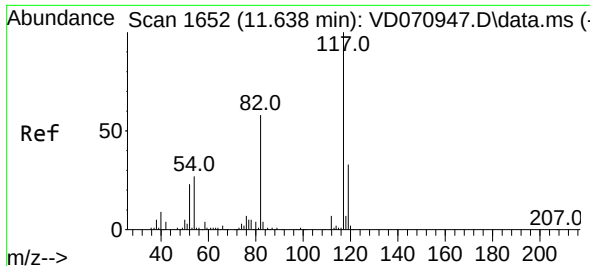
Tgt Ion: 98 Resp: 583031
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.257 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD071032.D
Acq: 15 Nov 2021 17:08

Tgt Ion: 95 Resp: 194924
Ion Ratio Lower Upper
95 100
174 73.7 0.0 159.4
176 73.5 0.0 154.0

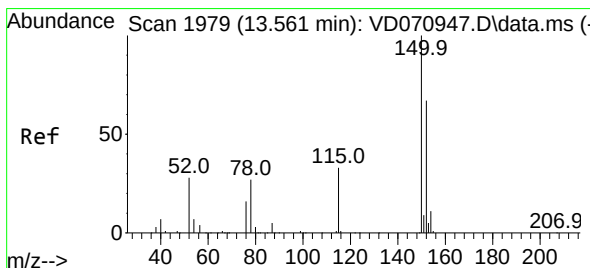
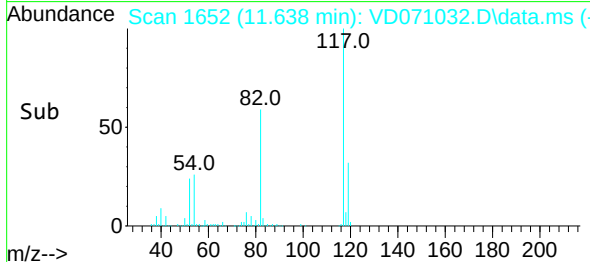
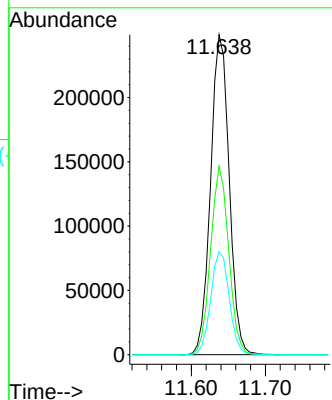
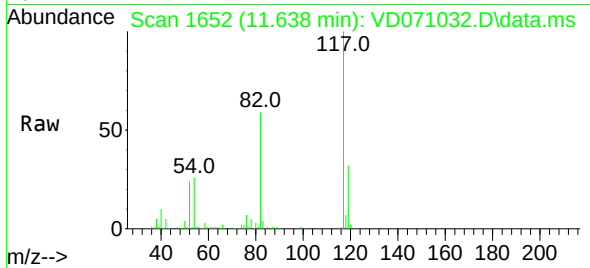




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071032.D
Acq: 15 Nov 2021 17:08

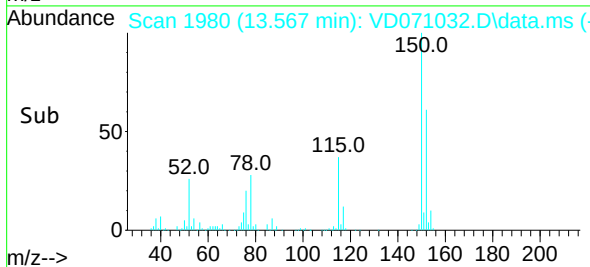
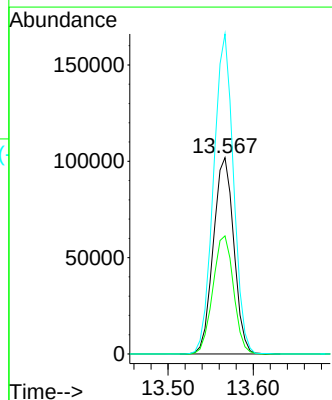
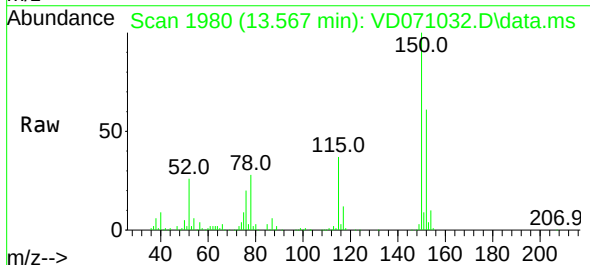
Instrument :
MSVOA_D
ClientSampleId :
R-LA-6/2-WC

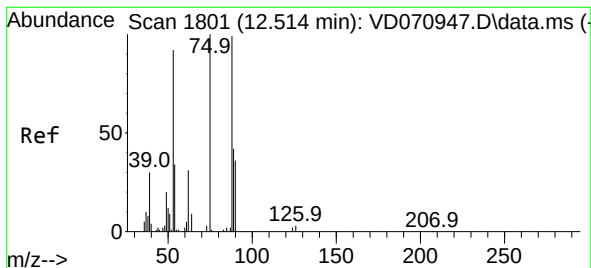
Tgt Ion:117 Resp: 434411
Ion Ratio Lower Upper
117 100
82 58.9 44.7 67.1
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD071032.D
Acq: 15 Nov 2021 17:08

Tgt Ion:152 Resp: 170692
Ion Ratio Lower Upper
152 100
115 60.6 29.8 89.3
150 158.6 0.0 349.2





#81

trans-1,4-Dichloro-2-butene

Concen: 137.761 ug/l

RT: 12.626 min Scan# 11

Delta R.T. 0.112 min

Lab File: VD071032.D

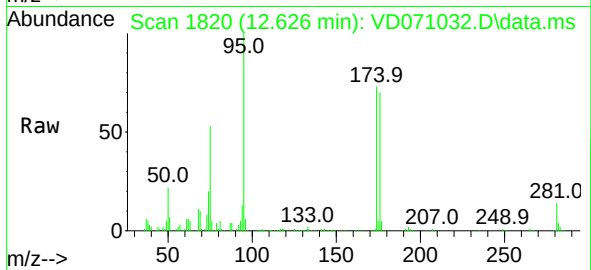
Acq: 15 Nov 2021 17:08

Instrument :

MSVOA_D

ClientSampleId :

R-LA-6/2-WC



Tgt Ion: 75 Resp: 109051

Ion Ratio Lower Upper

75 100

53 0.0 62.6 94.0#

89 0.0 34.5 51.7#

