

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061522\
 Data File : VD073592.D
 Acq On : 15 Jun 2022 15:34
 Operator : VA/SY
 Sample : N3329-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PALMYRA-RT-73-COMP-2

Quant Time: Jun 16 06:03:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.961	168	16999	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.861	114	26377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	27681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	12685	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	15474	84.825	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	169.660%#
35) Dibromofluoromethane	7.908	113	12083	71.238	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	142.480%
50) Toluene-d8	10.326	98	29483	45.974	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.940%
62) 4-Bromofluorobenzene	12.626	95	11214	48.169	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.340%

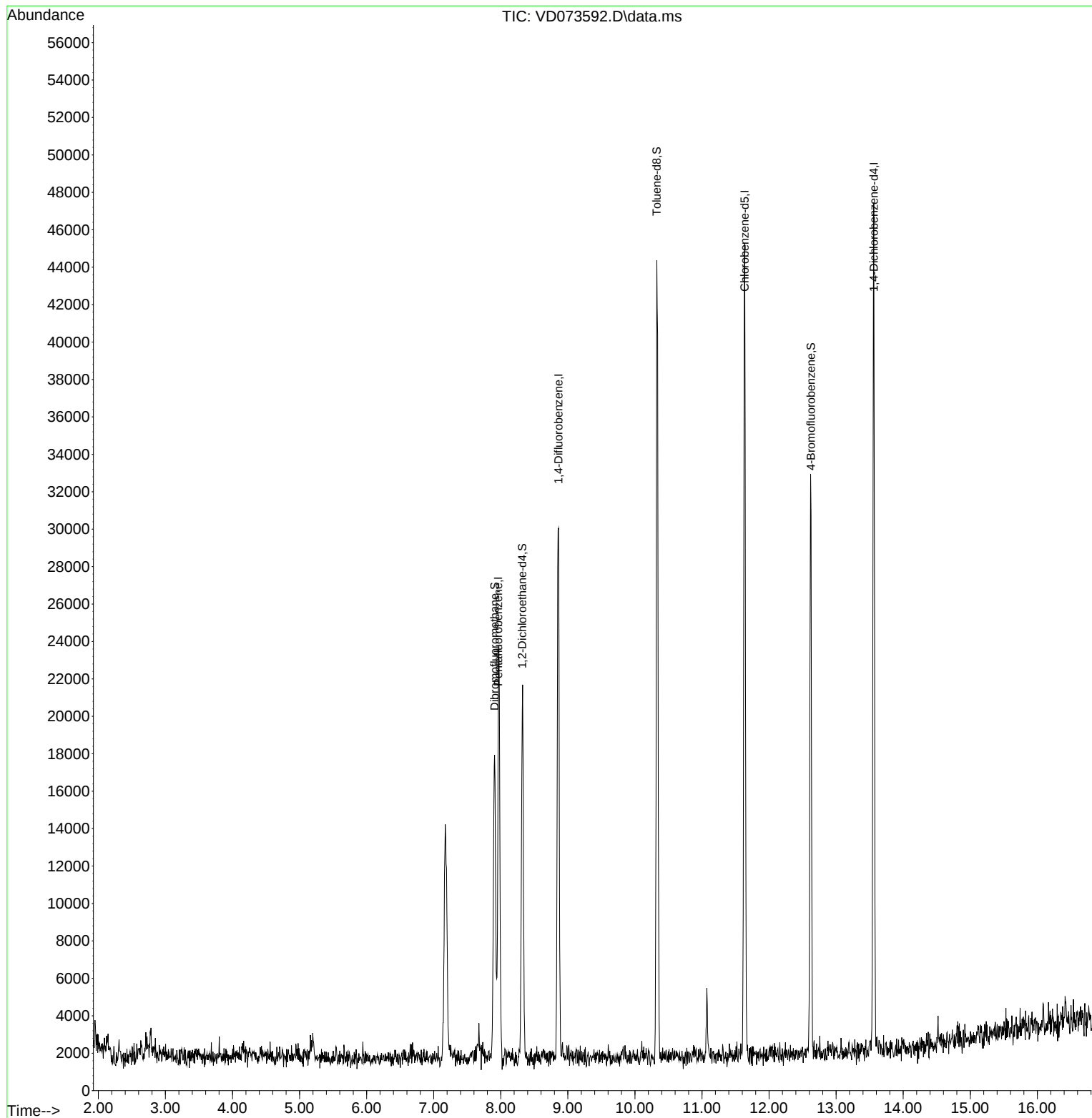
Target Compounds	Qvalue

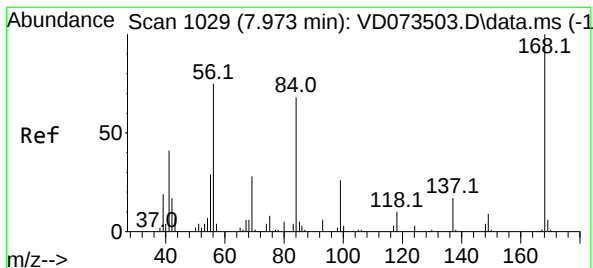
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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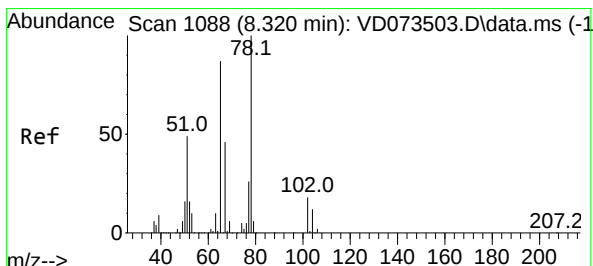
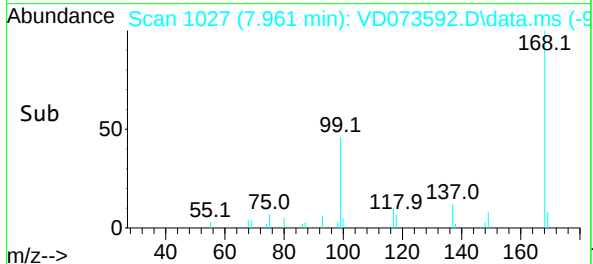
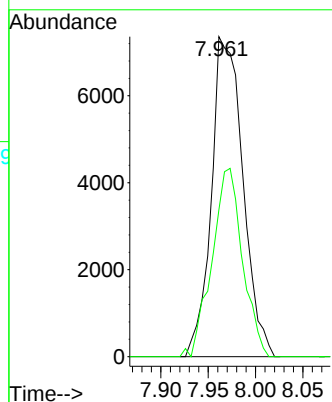
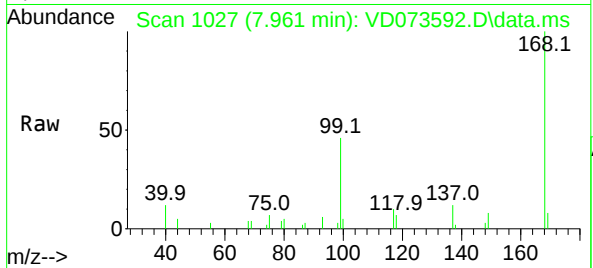




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD073592.D
Acq: 15 Jun 2022 15:34

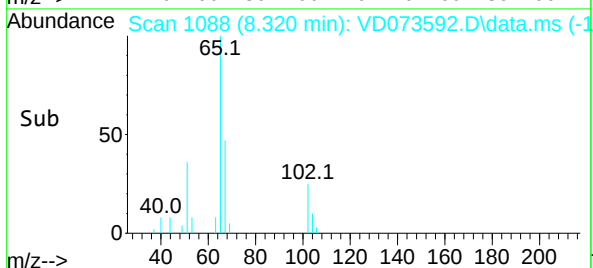
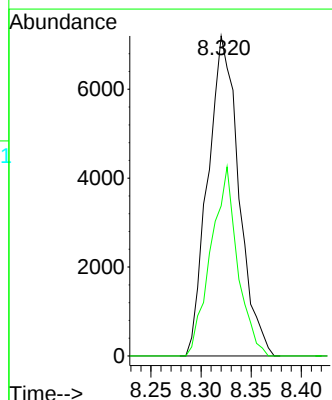
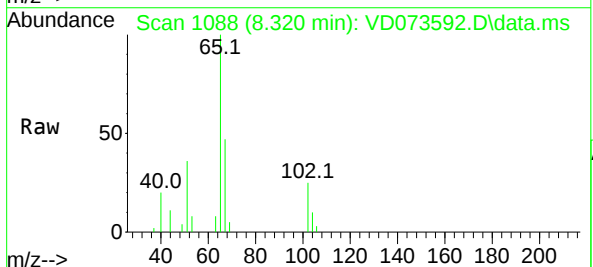
Instrument :
MSVOA_D
ClientSampleId :
PALMYRA-RT-73-COMP-2

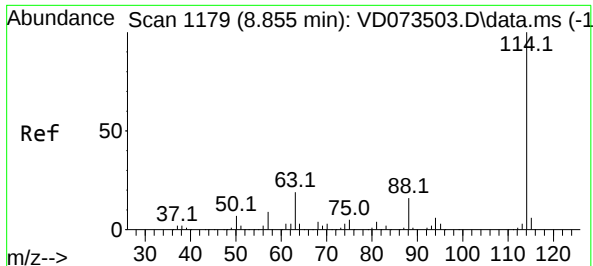
Tgt Ion:168 Resp: 16999
Ion Ratio Lower Upper
168 100
99 45.9 49.8 74.6#



#33
1,2-Dichloroethane-d4
Concen: 84.825 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073592.D
Acq: 15 Jun 2022 15:34

Tgt Ion: 65 Resp: 15474
Ion Ratio Lower Upper
65 100
67 51.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VD073592.D

Acq: 15 Jun 2022 15:34

Instrument :

MSVOA_D

ClientSampleId :

PALMYRA-RT-73-COMP-2

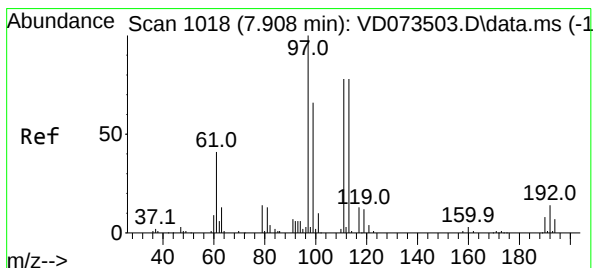
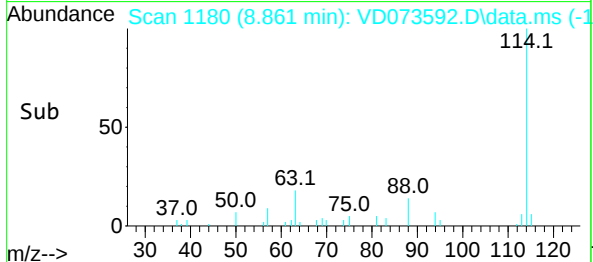
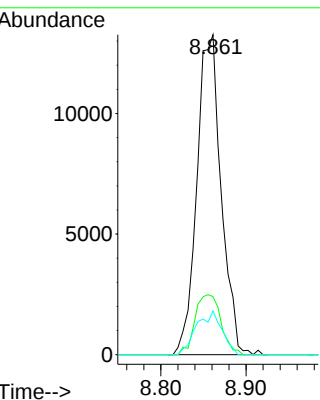
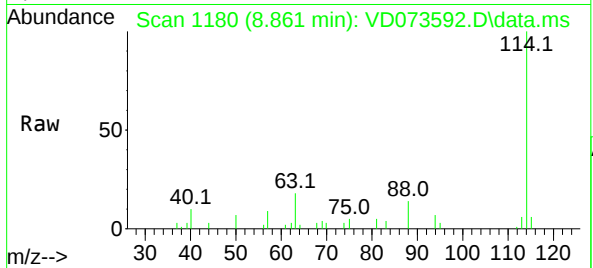
Tgt Ion:114 Resp: 26377

Ion Ratio Lower Upper

114 100

63 18.1 0.0 46.6

88 13.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 71.238 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD073592.D

Acq: 15 Jun 2022 15:34

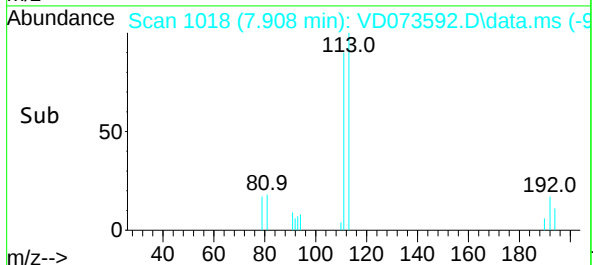
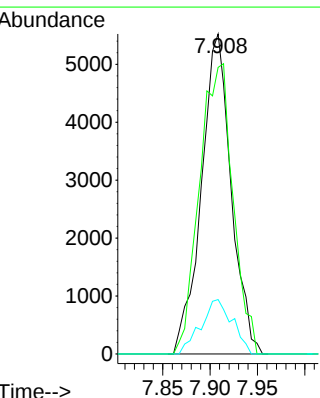
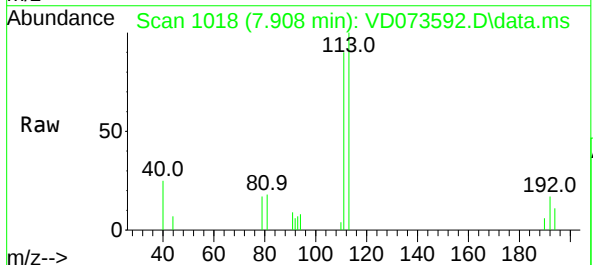
Tgt Ion:113 Resp: 12083

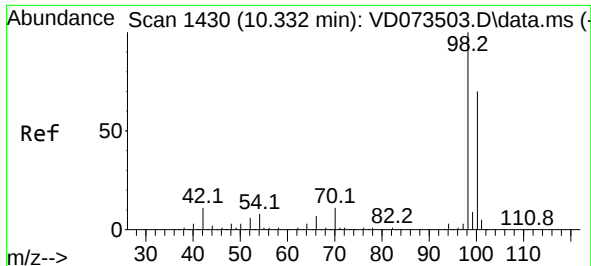
Ion Ratio Lower Upper

113 100

111 102.1 83.8 125.6

192 18.0 14.6 21.8

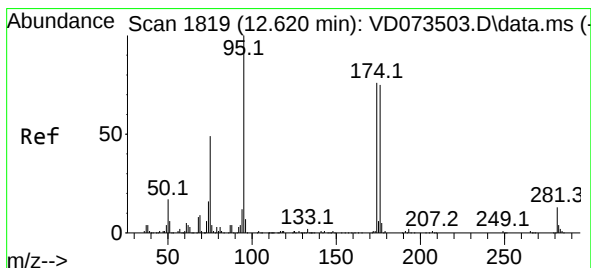
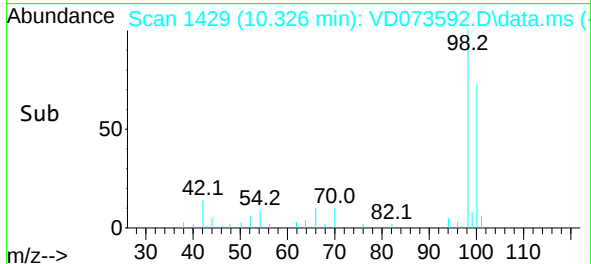
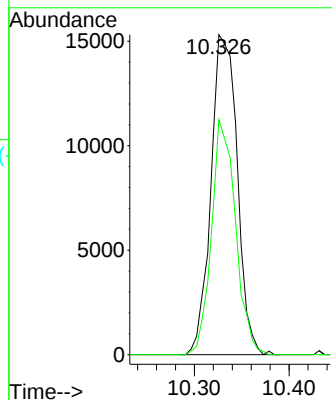
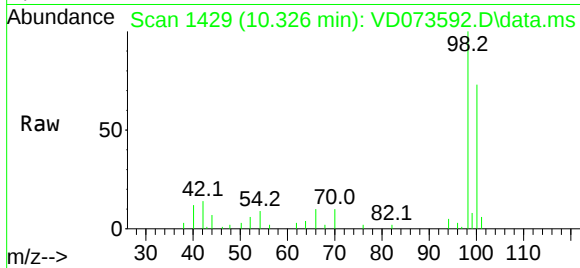




#50
Toluene-d8
Concen: 45.974 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD073592.D
Acq: 15 Jun 2022 15:34

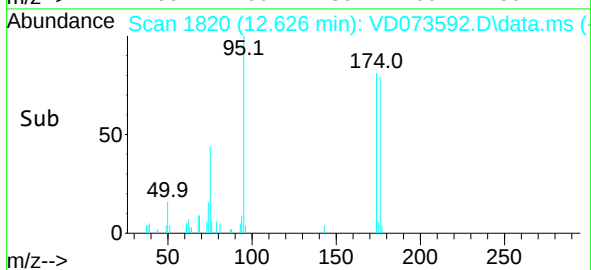
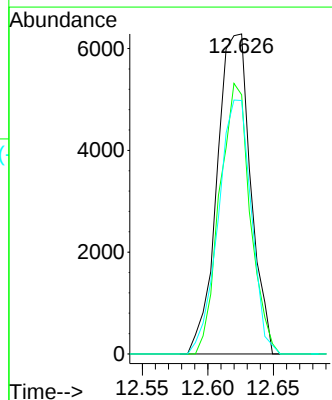
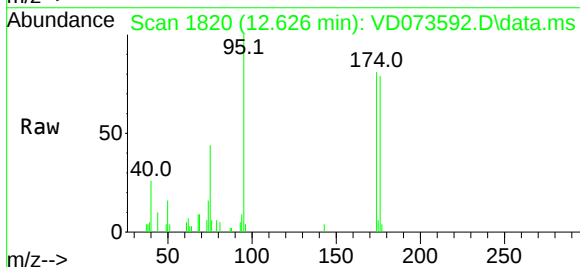
Instrument :
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PALMYRA-RT-73-COMP-2

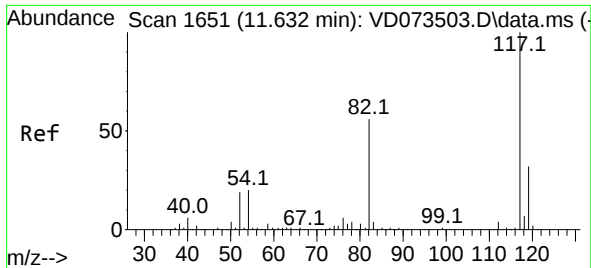
Tgt Ion: 98 Resp: 29483
Ion Ratio Lower Upper
98 100
100 67.2 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.169 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073592.D
Acq: 15 Jun 2022 15:34

Tgt Ion: 95 Resp: 11214
Ion Ratio Lower Upper
95 100
174 76.8 0.0 152.8
176 77.5 0.0 145.4

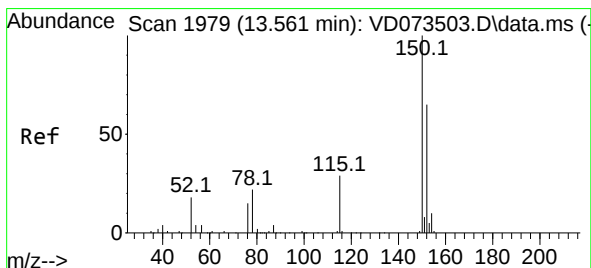
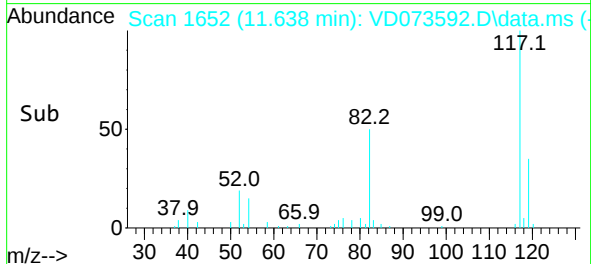
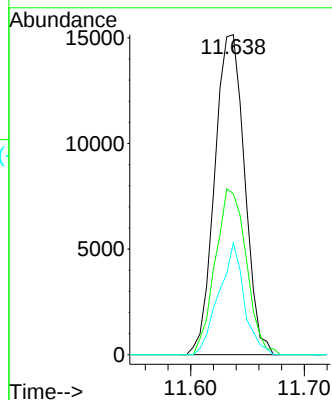
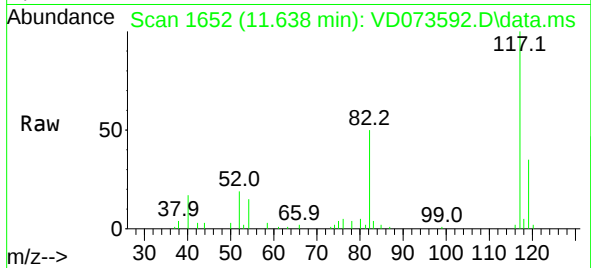




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073592.D
Acq: 15 Jun 2022 15:34

Instrument :
MSVOA_D
ClientSampleId :
PALMYRA-RT-73-COMP-2

Tgt Ion:117 Resp: 27681
Ion Ratio Lower Upper
117 100
82 50.3 45.3 67.9
119 35.0 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073592.D
Acq: 15 Jun 2022 15:34

Tgt Ion:152 Resp: 12685
Ion Ratio Lower Upper
152 100
115 59.5 31.3 93.8
150 153.9 0.0 348.6

