

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073239.D
 Acq On : 21 May 2022 19:51
 Operator : VA/SY
 Sample : N2870-10
 Misc : 5.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P034-SS001-2430-01

Quant Time: May 22 01:33:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	199516	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	353171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	389048	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	181368	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	137100	62.179	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.360%
35) Dibromofluoromethane	7.909	113	132989	57.066	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.140%
50) Toluene-d8	10.332	98	443837	51.665	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.340%
62) 4-Bromofluorobenzene	12.620	95	167893	55.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.380%

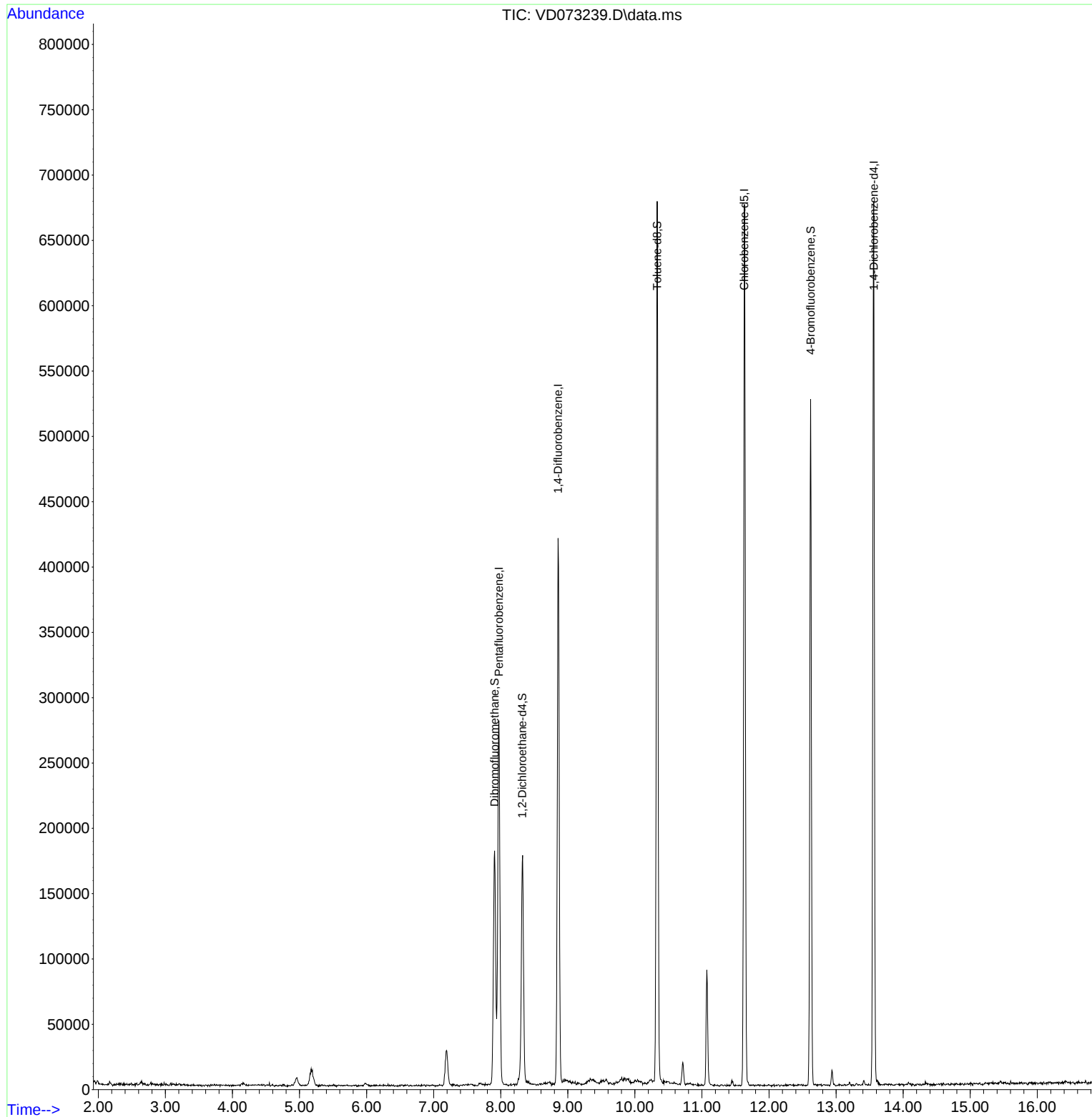
Target Compounds	Qvalue

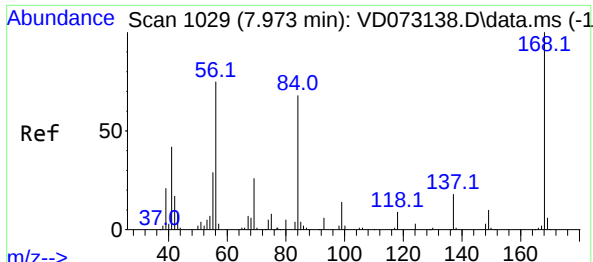
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD073239.D

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Instrument :

MSVOA_D

ClientSampleId :

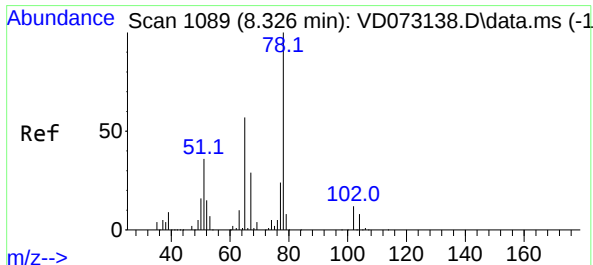
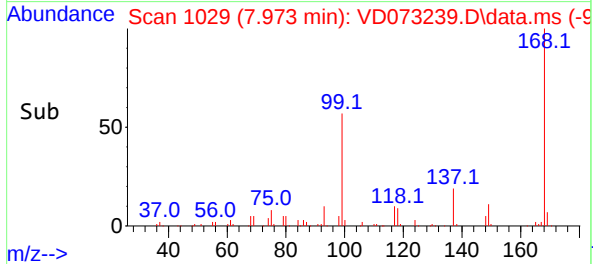
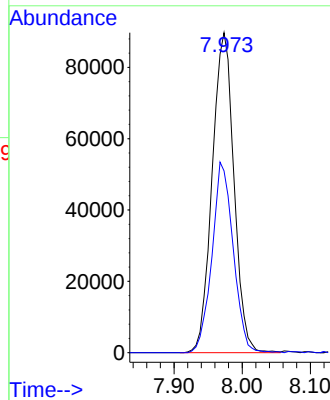
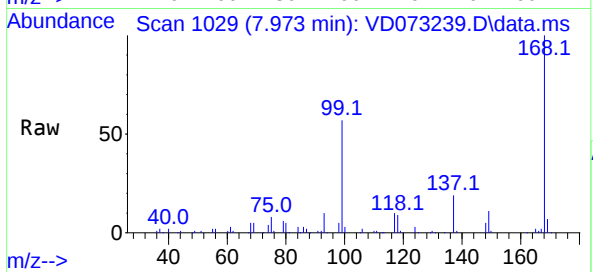
P034-SS001-2430-01

Tgt Ion:168 Resp: 199516

Ion Ratio Lower Upper

168 100

99 56.8 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 62.179 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD073239.D

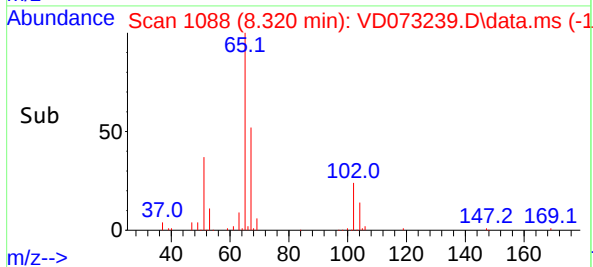
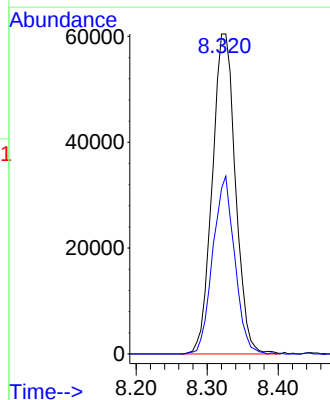
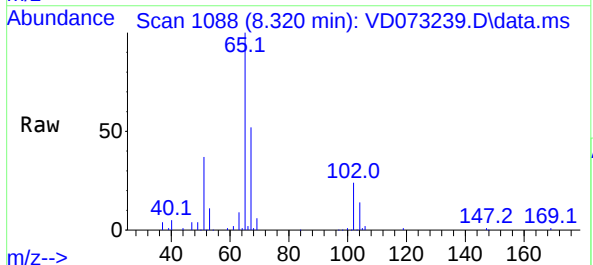
Acq: 21 May 2022 19:51

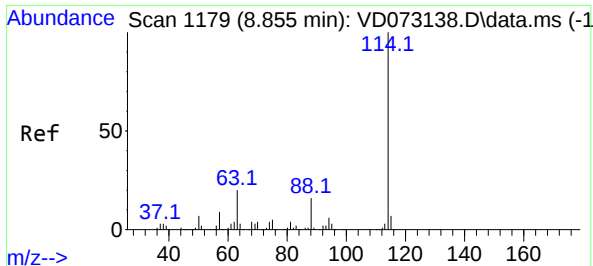
Tgt Ion: 65 Resp: 137100

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



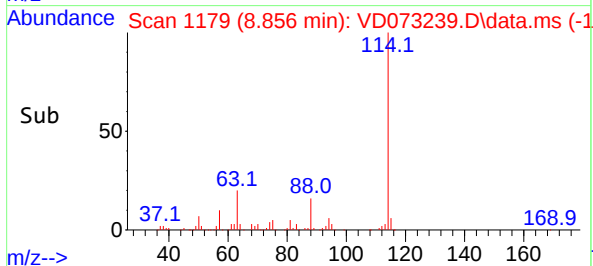
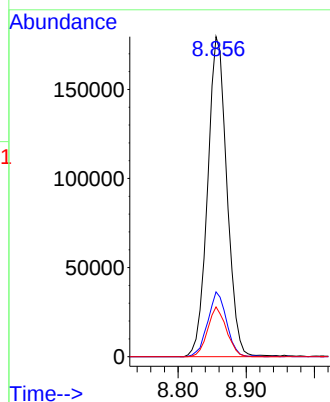
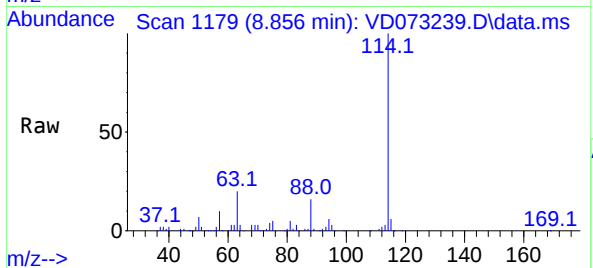


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01

Tgt Ion:114 Resp: 353171

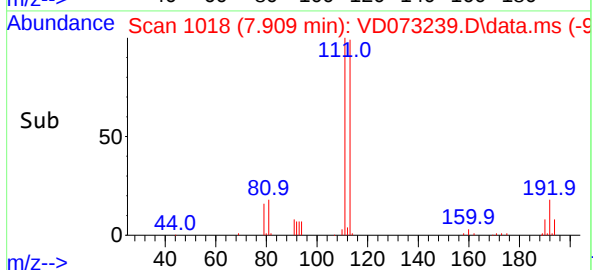
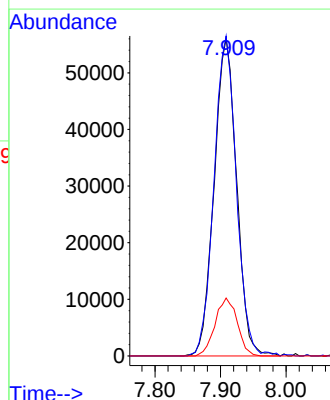
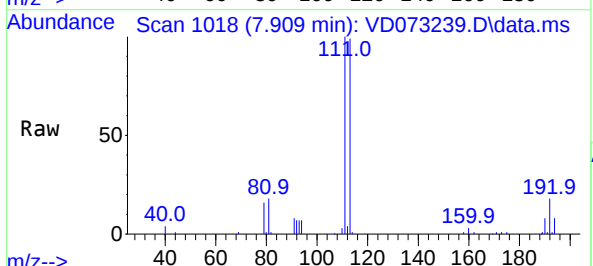
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	46.6
88	15.6	0.0	33.2



#35
Dibromofluoromethane
Concen: 57.066 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Tgt Ion:113 Resp: 132989

Ion	Ratio	Lower	Upper
113	100		
111	100.5	83.8	125.6
192	18.0	14.6	21.8

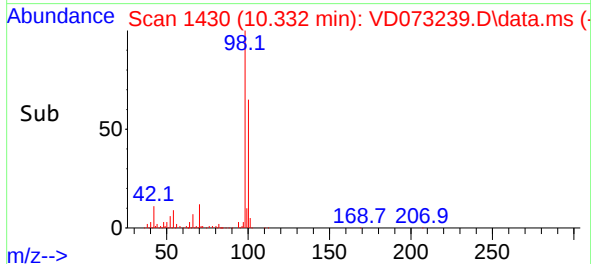
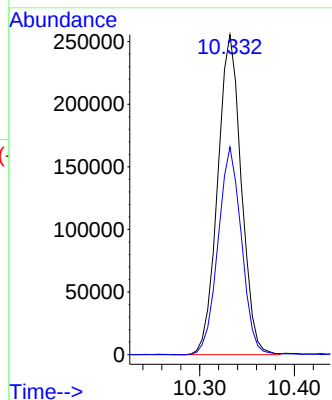
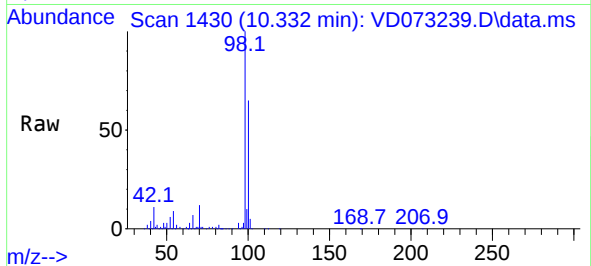




#50
Toluene-d8
Concen: 51.665 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

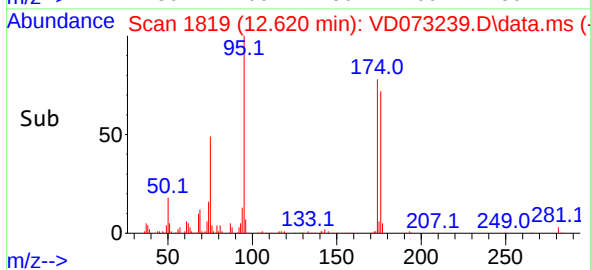
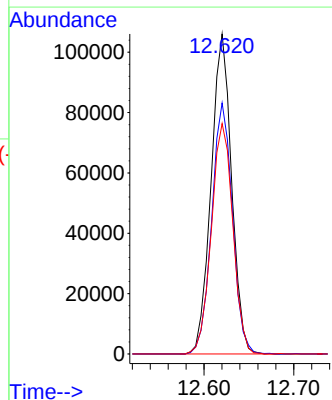
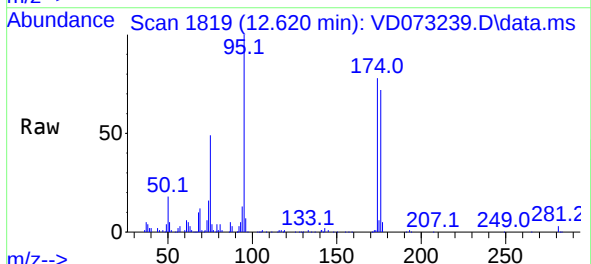
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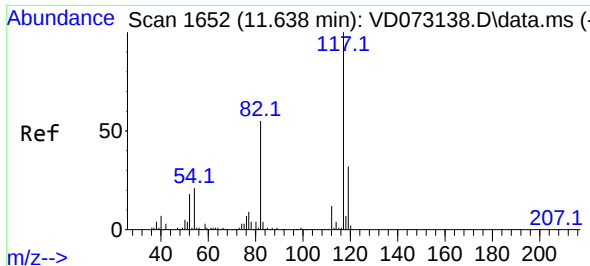
Tgt Ion: 98 Resp: 443837
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 55.689 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

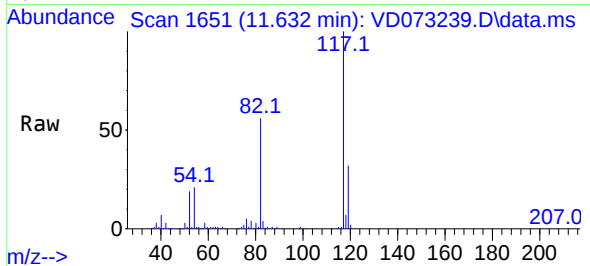
Tgt Ion: 95 Resp: 167893
Ion Ratio Lower Upper
95 100
174 79.5 0.0 152.8
176 75.4 0.0 145.4



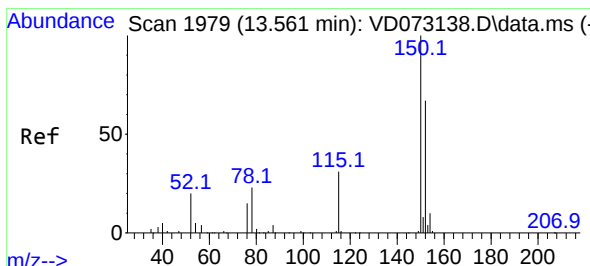
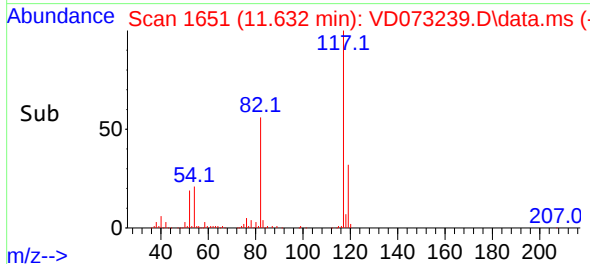
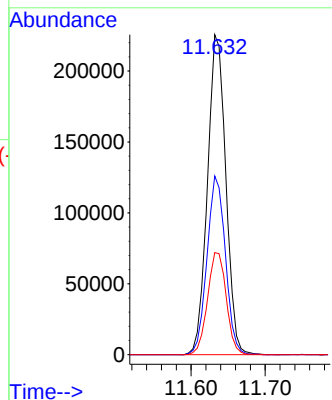


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073239.D
Acq: 21 May 2022 19:51

Instrument :
MSVOA_D
ClientSampleId :
P034-SS001-2430-01



Tgt Ion:117 Resp: 389048
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.9 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: VD073239.D
Acq: 21 May 2022 19:51

Tgt Ion:152 Resp: 181368
Ion Ratio Lower Upper
152 100
115 61.1 31.3 93.8
150 157.5 0.0 348.6

