

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073333.D
 Acq On : 24 May 2022 19:13
 Operator : VA/SY
 Sample : N2949-22
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS002-0006-02

Quant Time: May 25 05:29:05 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	272130	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	488513	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	503708	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	205823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	168403	55.996	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.908	113	175068	54.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.620%
50) Toluene-d8	10.332	98	610543	51.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.620	95	209722	50.291	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.580%

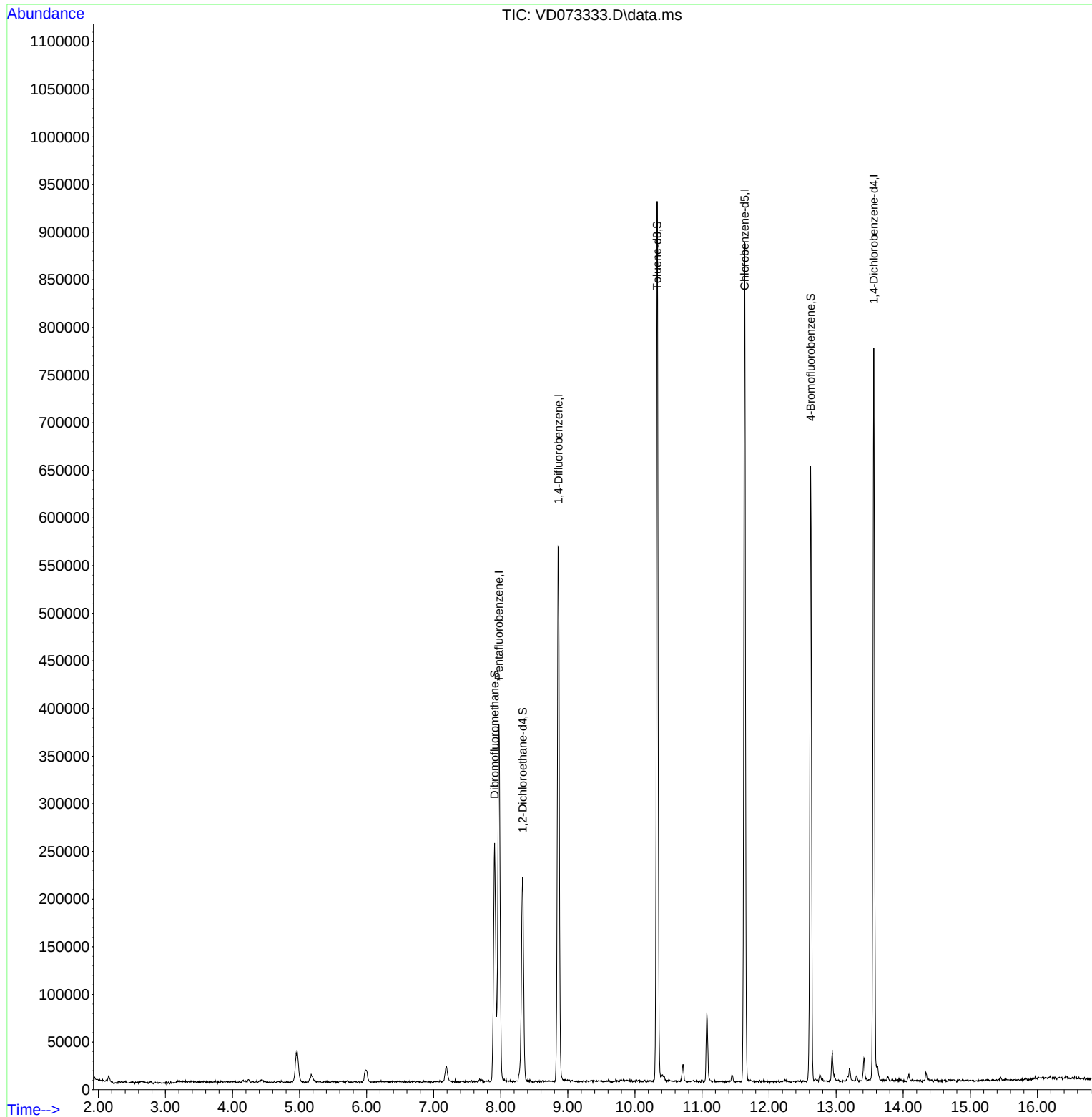
Target Compounds	Qvalue

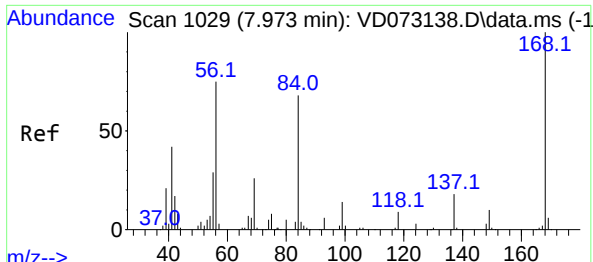
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. 0.000 min

Lab File: VD073333.D

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Instrument :

MSVOA_D

ClientSampleId :

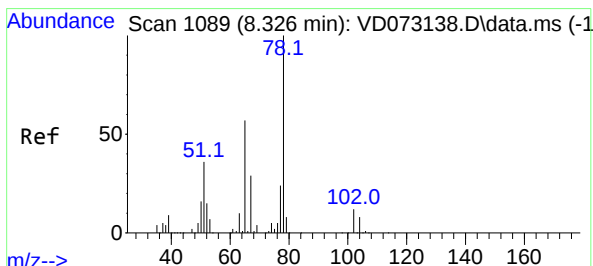
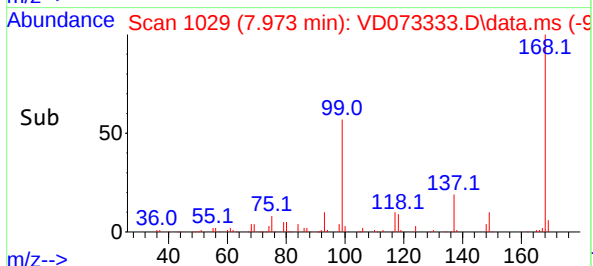
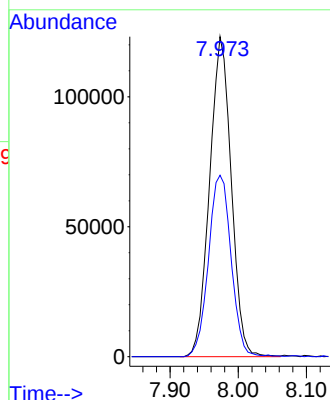
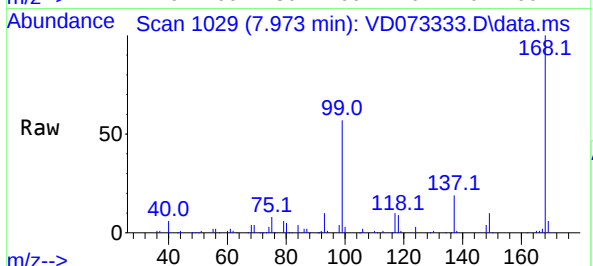
P044-SS002-0006-02

Tgt Ion:168 Resp: 272130

Ion Ratio Lower Upper

168 100

99 56.7 49.8 74.6



1,2-Dichloroethane-d4

Concen: 55.996 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073333.D

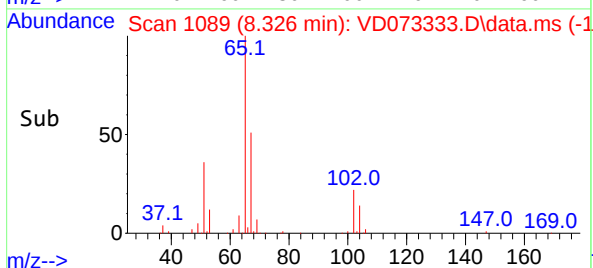
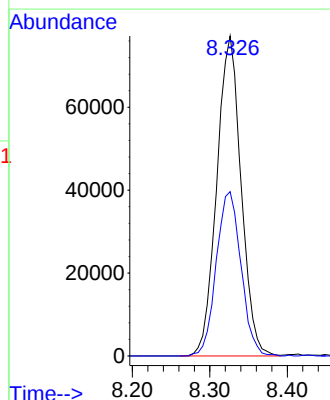
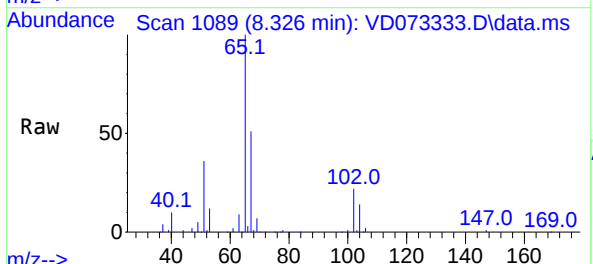
Acq: 24 May 2022 19:13

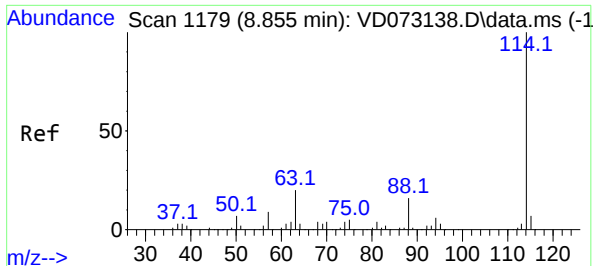
Tgt Ion: 65 Resp: 168403

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4

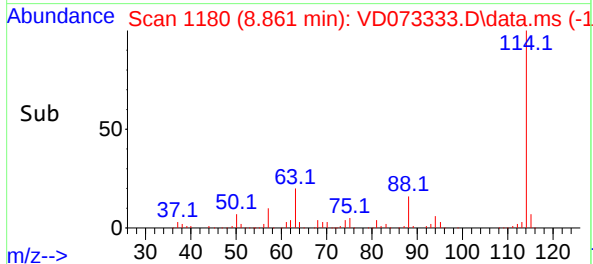
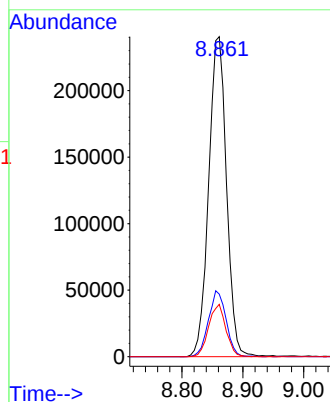
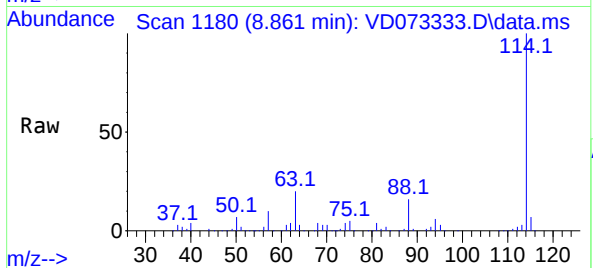




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VD073333.D
Acq: 24 May 2022 19:13

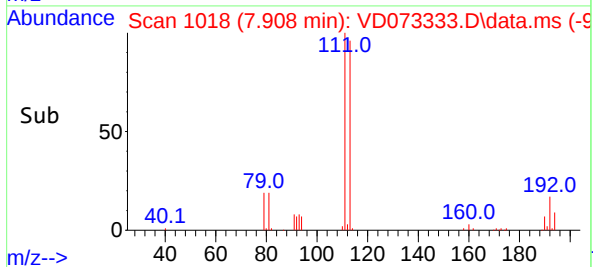
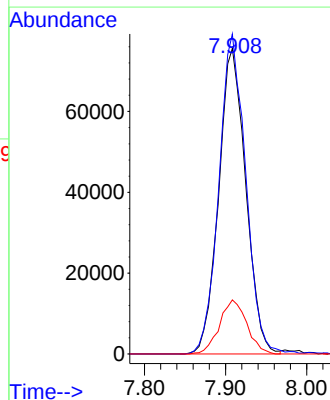
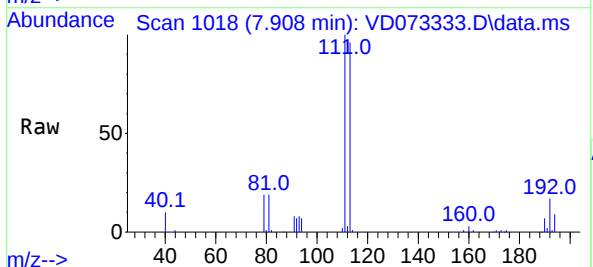
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-02

Tgt Ion:114 Resp: 488513
Ion Ratio Lower Upper
114 100
63 19.5 0.0 46.6
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 54.309 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD073333.D
Acq: 24 May 2022 19:13

Tgt Ion:113 Resp: 175068
Ion Ratio Lower Upper
113 100
111 104.0 83.8 125.6
192 17.8 14.6 21.8

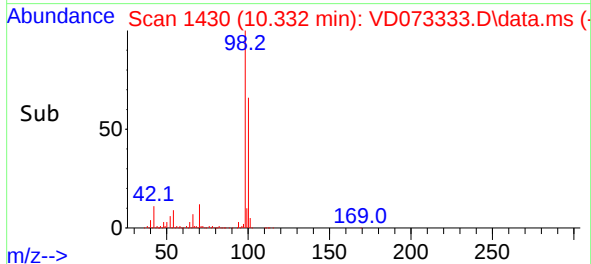
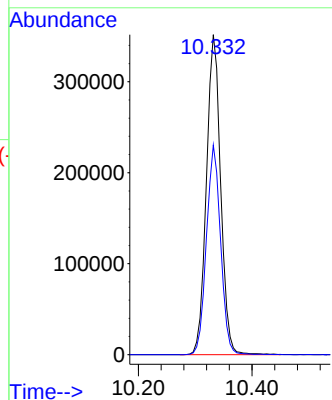
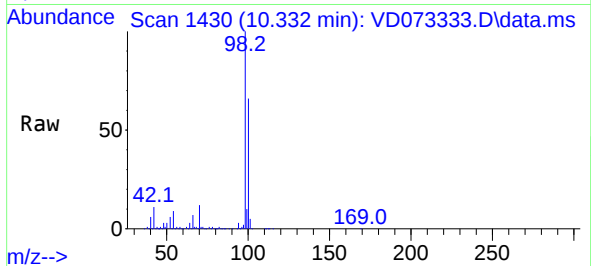




#50
Toluene-d8
Concen: 51.381 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073333.D
Acq: 24 May 2022 19:13

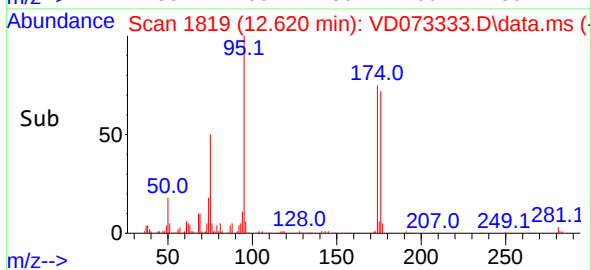
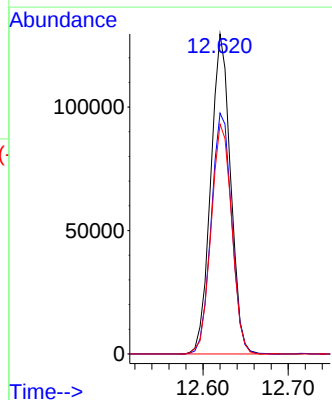
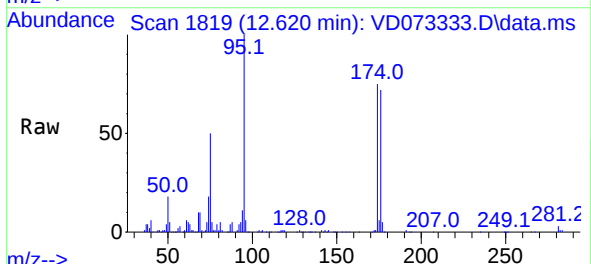
Instrument :
MSVOA_D
ClientSampleId :
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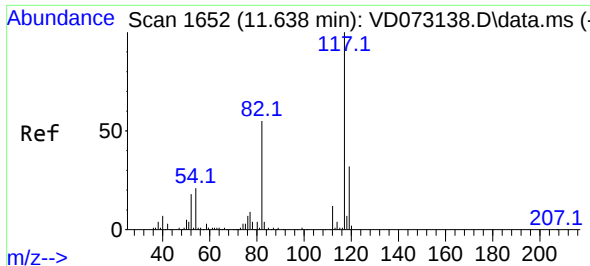
Tgt Ion: 98 Resp: 610543
Ion Ratio Lower Upper
98 100
100 65.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.291 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073333.D
Acq: 24 May 2022 19:13

Tgt Ion: 95 Resp: 209722
Ion Ratio Lower Upper
95 100
174 77.7 0.0 152.8
176 74.6 0.0 145.4

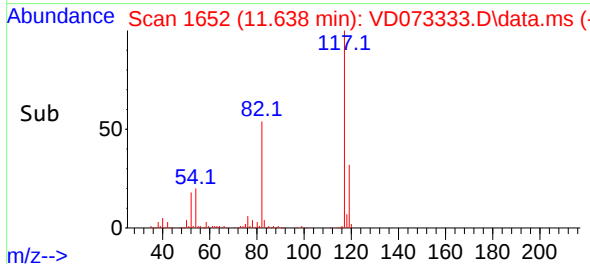
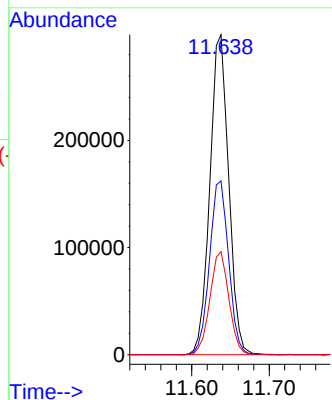
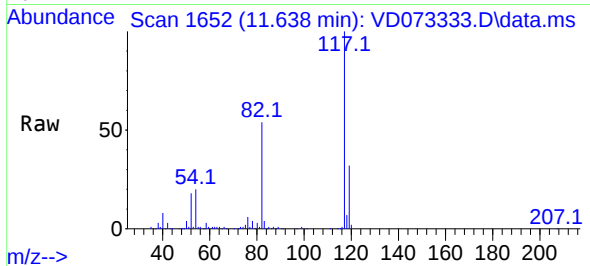




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073333.D
Acq: 24 May 2022 19:13

Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-02

Tgt Ion:117 Resp: 503708
Ion Ratio Lower Upper
117 100
82 54.3 45.3 67.9
119 32.2 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: VD073333.D
Acq: 24 May 2022 19:13

Tgt Ion:152 Resp: 205823
Ion Ratio Lower Upper
152 100
115 59.1 31.3 93.8
150 154.8 0.0 348.6

