

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052322\
 Data File : VD073306.D
 Acq On : 24 May 2022 03:24
 Operator : VA/SY
 Sample : N2949-08
 Misc : 6.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P043-SS001-1218-01

Quant Time: May 24 08:16:20 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	7.967	168	9010	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	12757	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	13777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5828	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	6583	66.112	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.220%
35) Dibromofluoromethane	7.909	113	6135	72.880	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.760%
50) Toluene-d8	10.332	98	15755	50.773	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.626	95	6151	56.484	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.960%

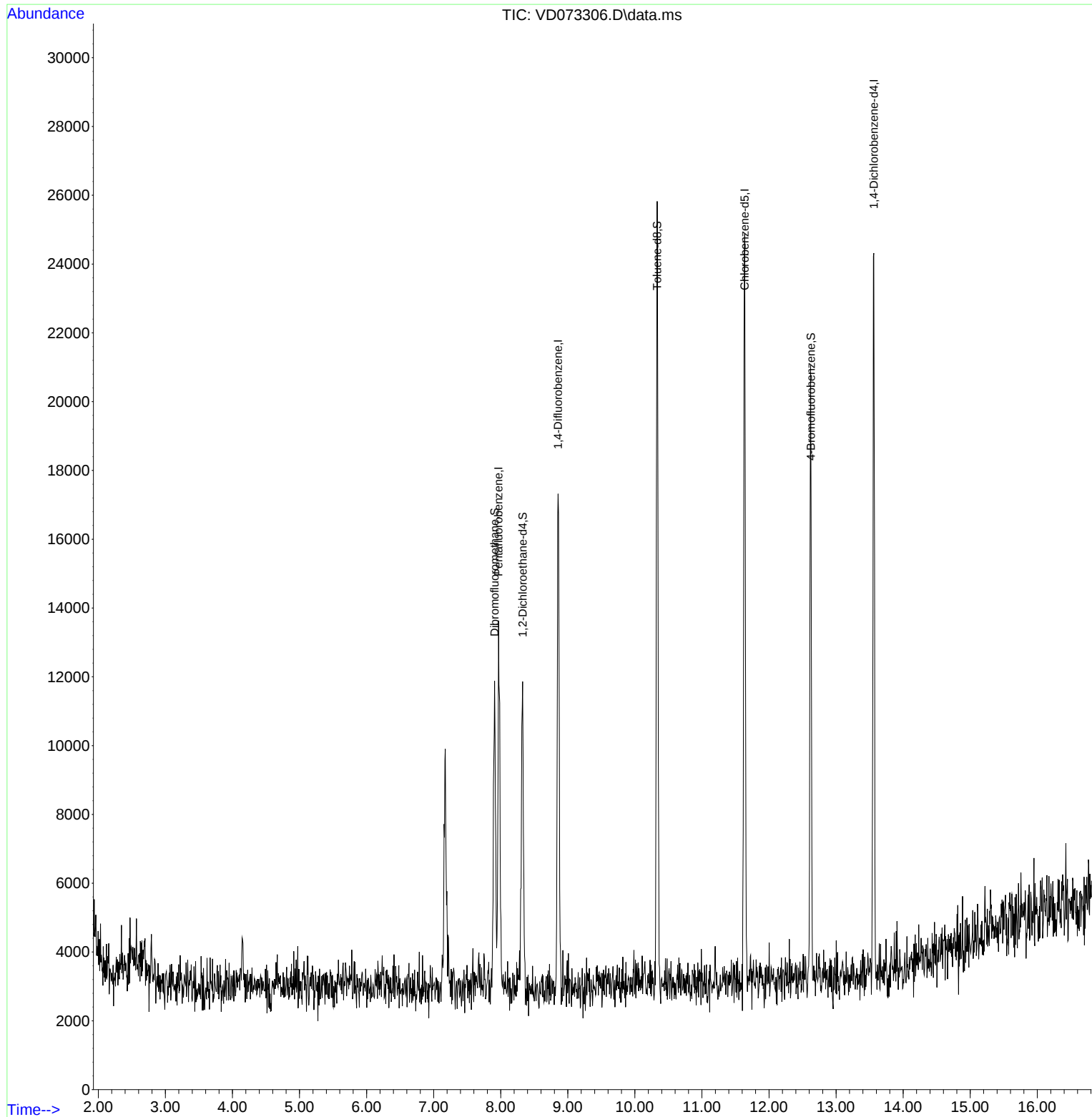
Target Compounds	Qvalue

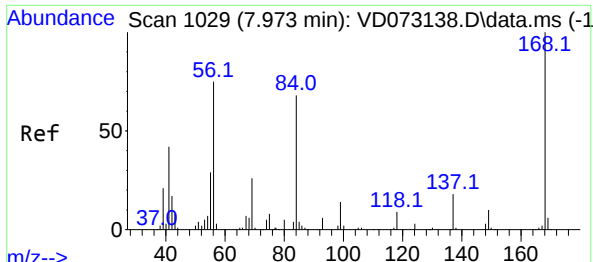
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.006 min

Lab File: VD073306.D

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Instrument :

MSVOA_D

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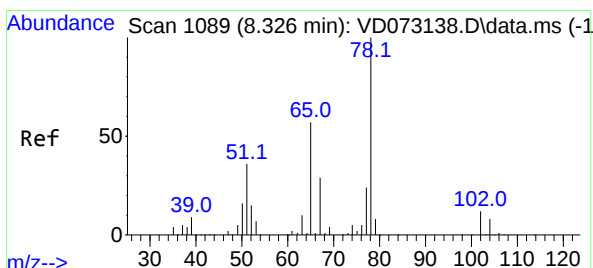
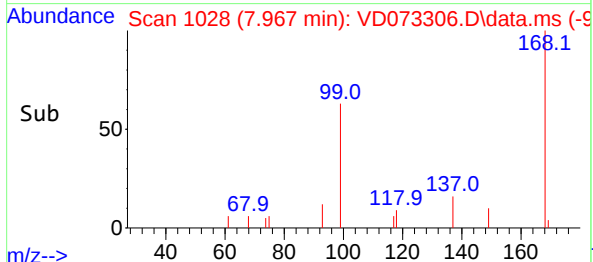
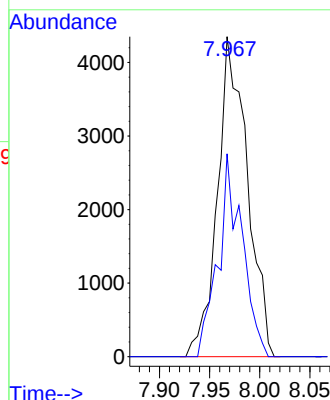
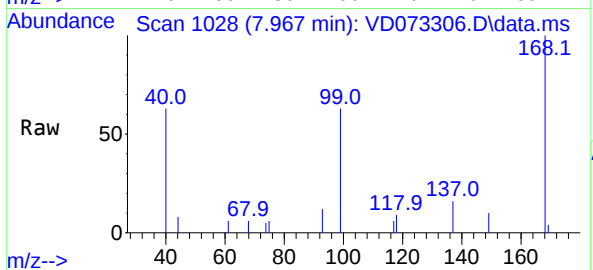
P043-SS001-1218-01

Tgt Ion:168 Resp: 9010

Ion Ratio Lower Upper

168 100

99 63.4 49.8 74.6



1,2-Dichloroethane-d4

Concen: 66.112 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073306.D

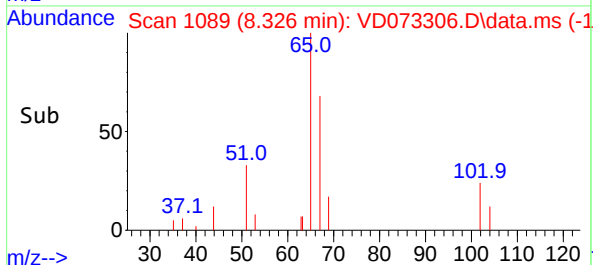
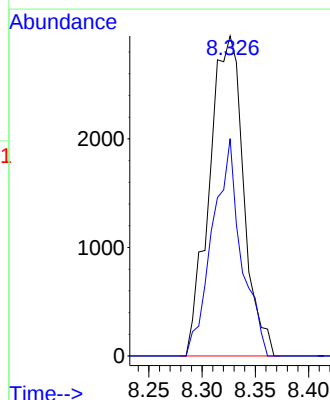
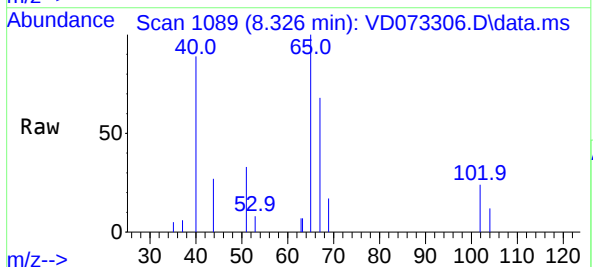
Acq: 24 May 2022 03:24

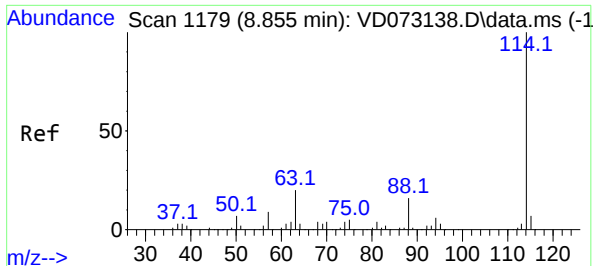
Tgt Ion: 65 Resp: 6583

Ion Ratio Lower Upper

65 100

67 57.1 0.0 101.4

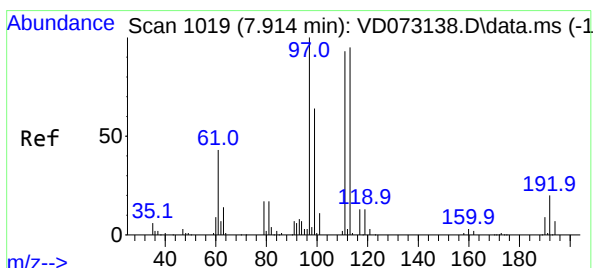
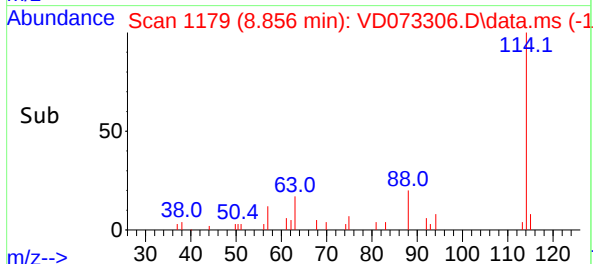
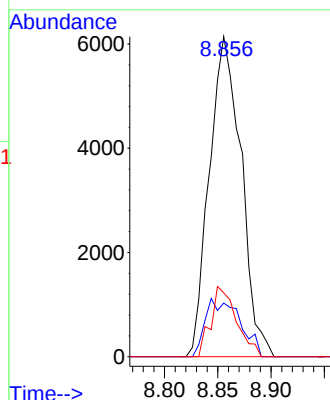
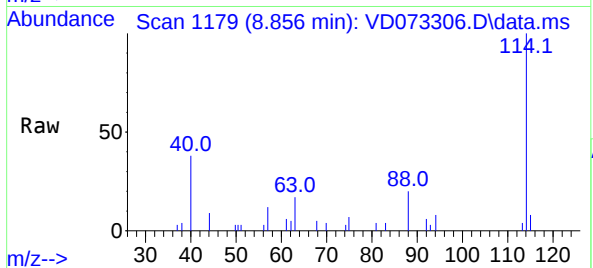




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. 0.001 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

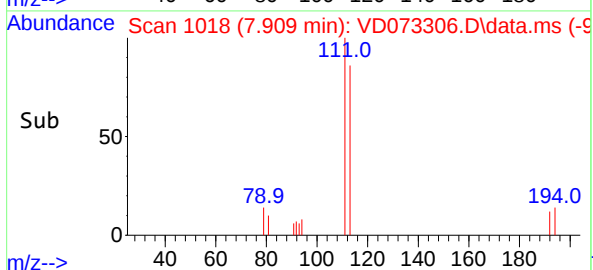
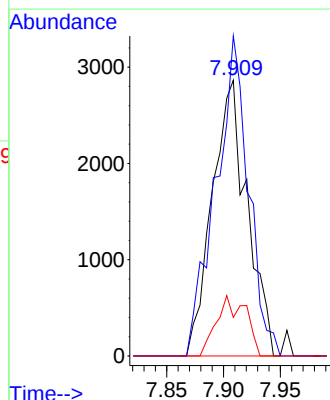
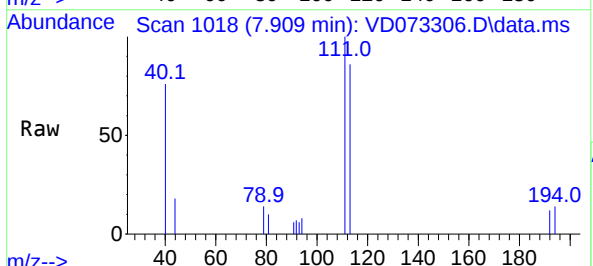
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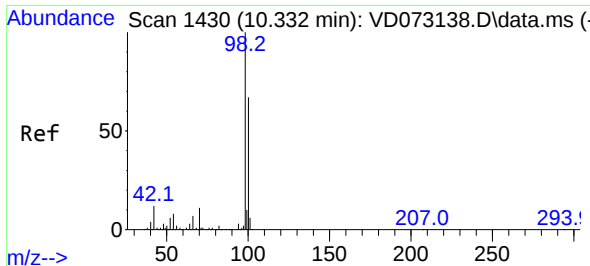
Tgt Ion:	114	Resp:	12757
Ion	Ratio	Lower	Upper
114	100		
63	16.8	0.0	46.6
88	20.0	0.0	33.2



#35
Dibromofluoromethane
Concen: 72.880 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.005 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion:	113	Resp:	6135
Ion	Ratio	Lower	Upper
113	100		
111	108.8	83.8	125.6
192	18.1	14.6	21.8

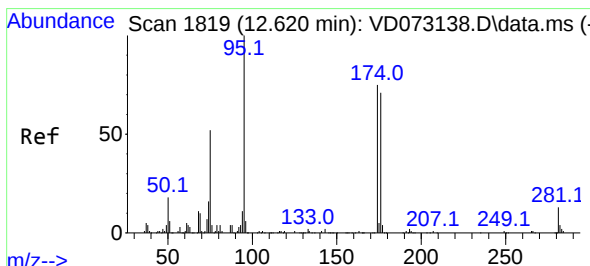
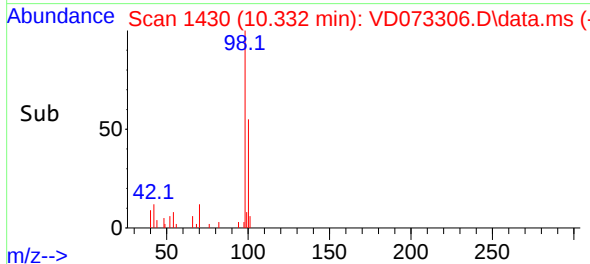
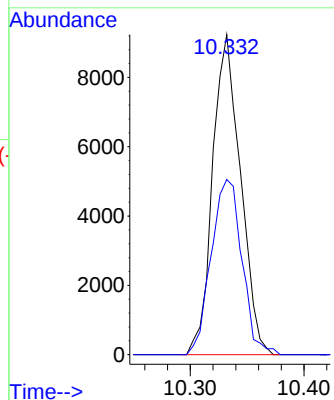
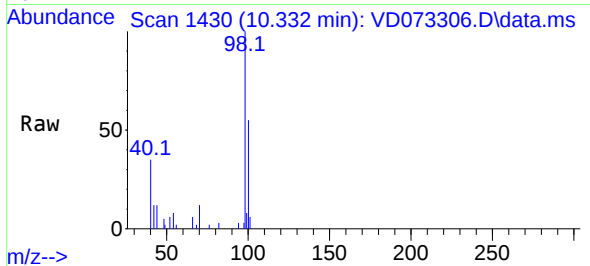




#50
Toluene-d8
Concen: 50.773 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

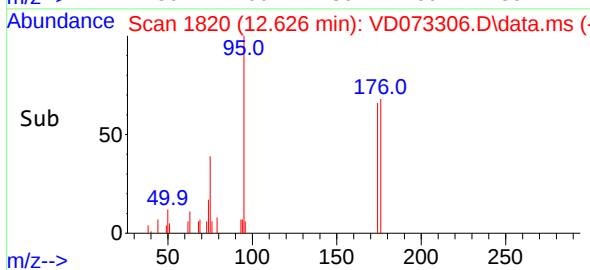
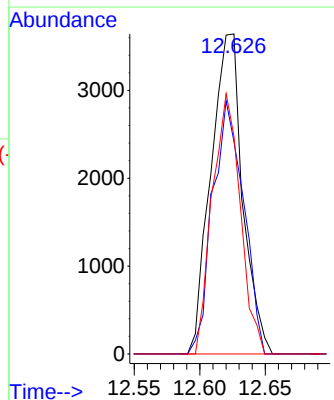
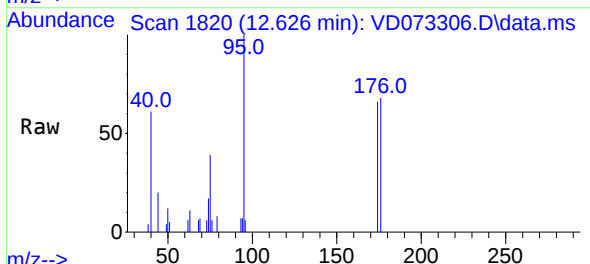
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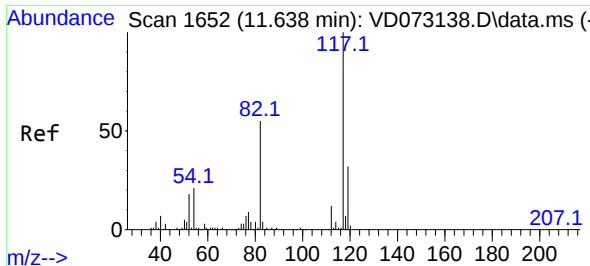
Tgt Ion: 98 Resp: 15755
Ion Ratio Lower Upper
98 100
100 60.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.484 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion: 95 Resp: 6151
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 71.4 0.0 145.4

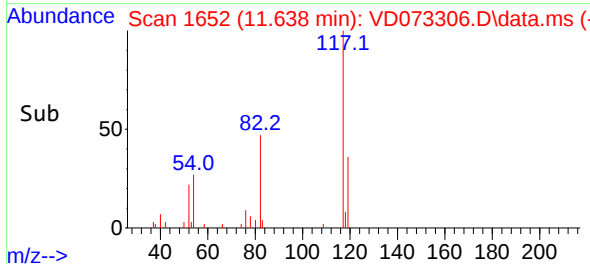
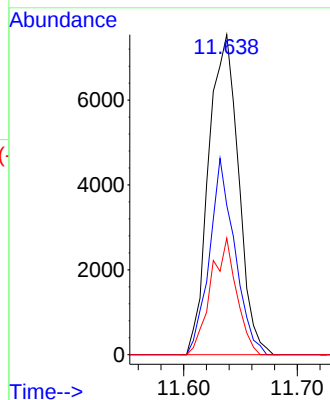
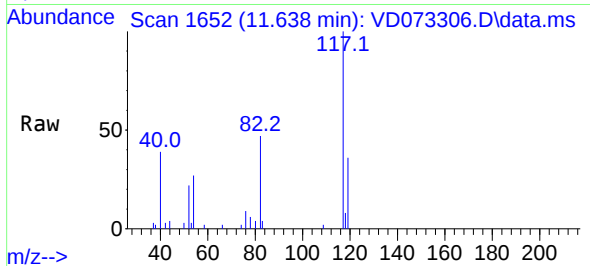




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073306.D
Acq: 24 May 2022 03:24

Instrument :
MSVOA_D
ClientSampleId :
P043-SS001-1218-01

Tgt Ion:	117	Resp:	13777
Ion	Ratio	Lower	Upper
117	100		
82	46.7	45.3	67.9
119	36.4	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: VD073306.D
Acq: 24 May 2022 03:24

Tgt Ion:	152	Resp:	5828
Ion	Ratio	Lower	Upper
152	100		
115	59.0	31.3	93.8
150	161.9	0.0	348.6

