

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD073028.D
 Acq On : 14 May 2022 10:33
 Operator : VA/SY
 Sample : N2823-14
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SC-14

Quant Time: May 16 05:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	341759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	266790	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	175157	39.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.960%
35) Dibromofluoromethane	7.908	113	174098	41.575	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	83.160%
50) Toluene-d8	10.332	98	733385	48.824	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.640%
62) 4-Bromofluorobenzene	12.620	95	257455	45.966	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.940%

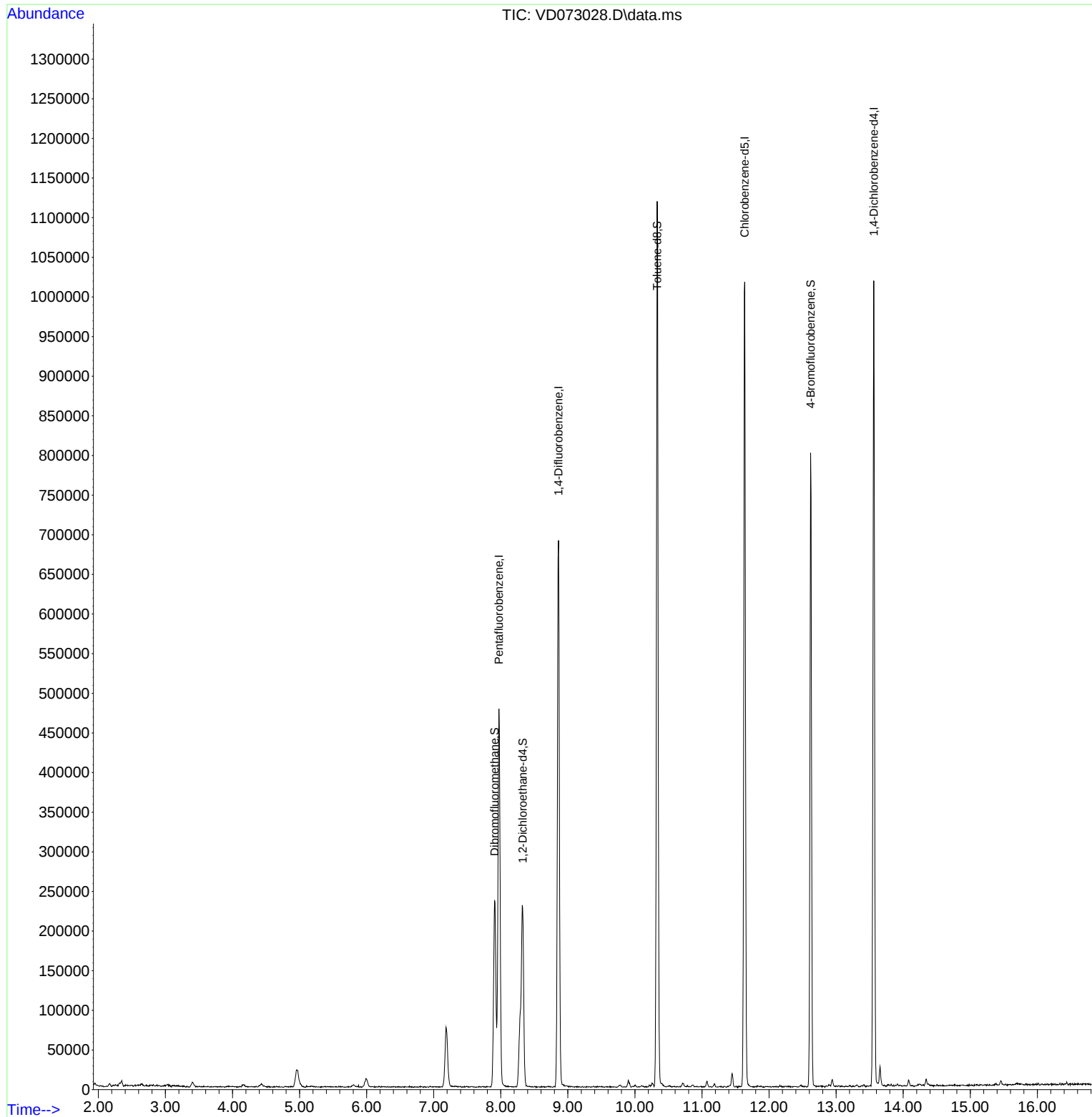
Target Compounds	Qvalue

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

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QLast Update : Tue May 03 08:33:49 2022
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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073028.D

Acq: 14 May 2022 10:33

Instrument :

MSVOA_D

ClientSampleId :

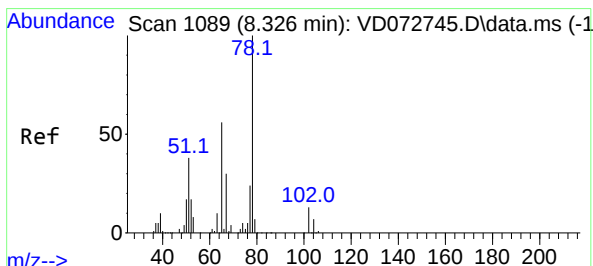
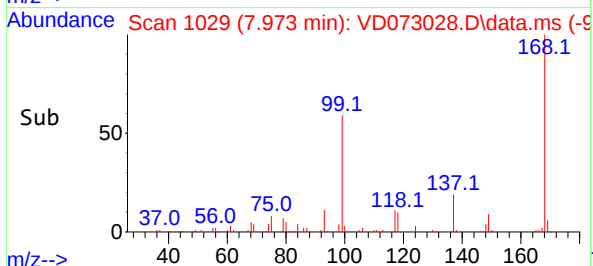
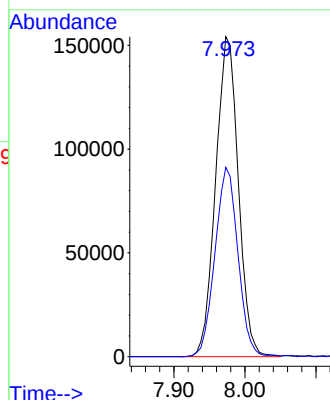
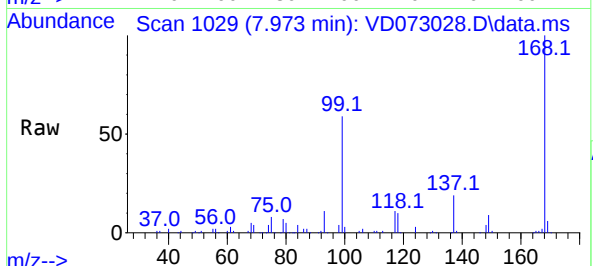
SC-14

Tgt Ion:168 Resp: 341759

Ion Ratio Lower Upper

168 100

99 59.1 49.8 74.6



1,2-Dichloroethane-d4

Concen: 39.483 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073028.D

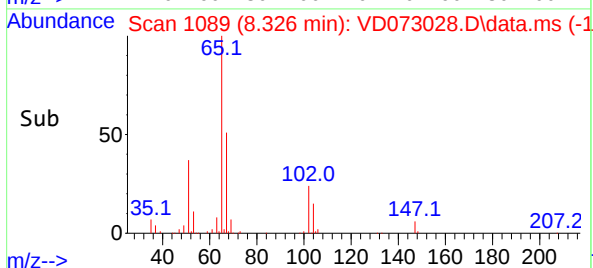
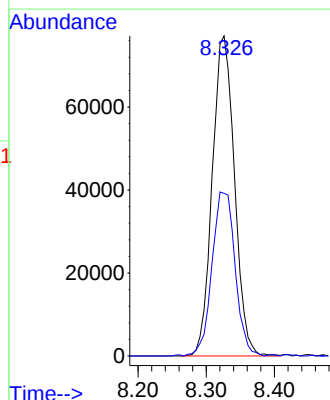
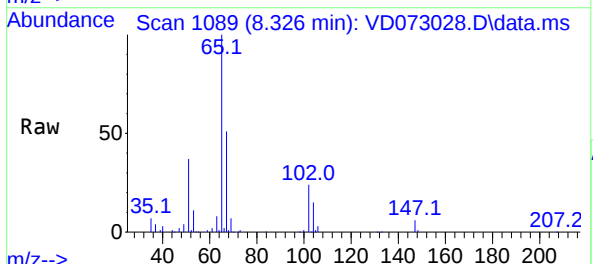
Acq: 14 May 2022 10:33

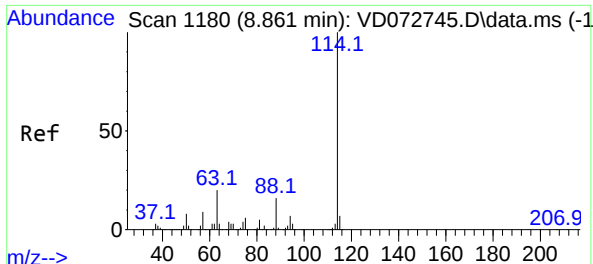
Tgt Ion: 65 Resp: 175157

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.4



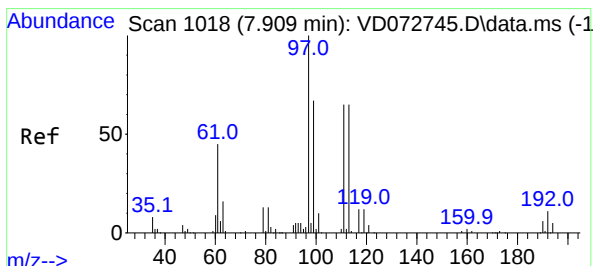
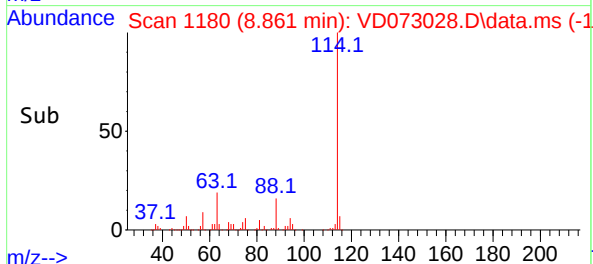
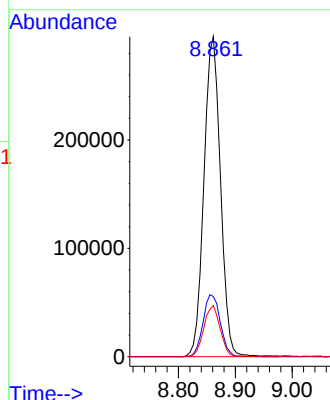
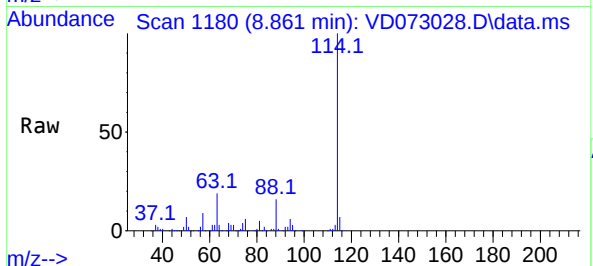


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD073028.D
Acq: 14 May 2022 10:33

Instrument :
MSVOA_D
ClientSampleId :
SC-14

Tgt Ion:114 Resp: 596249

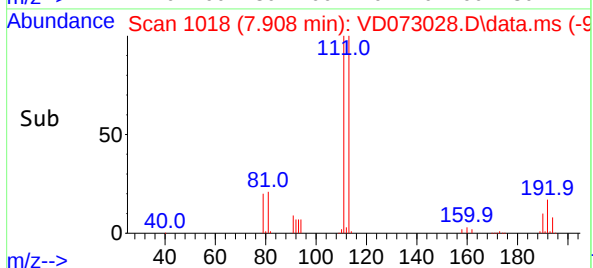
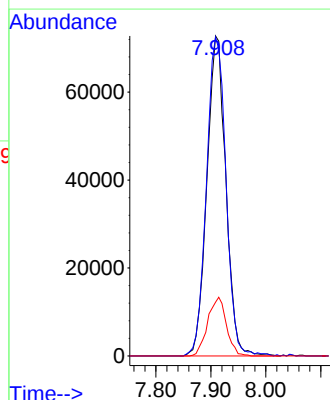
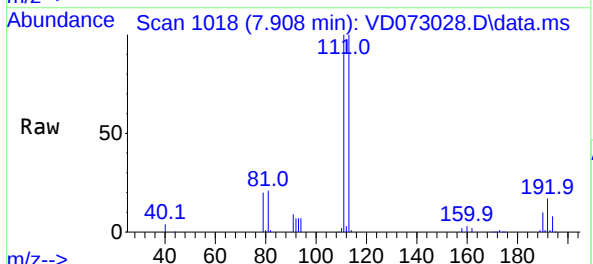
Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	46.6
88	16.0	0.0	33.2

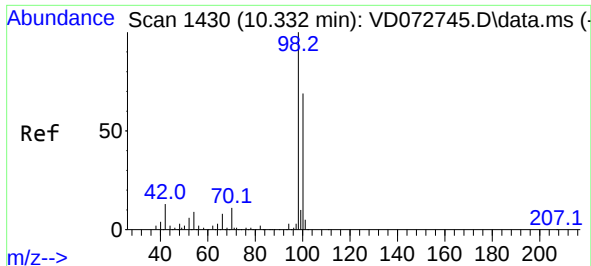


#35
Dibromofluoromethane
Concen: 41.575 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD073028.D
Acq: 14 May 2022 10:33

Tgt Ion:113 Resp: 174098

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.8	125.6
192	18.1	14.6	21.8

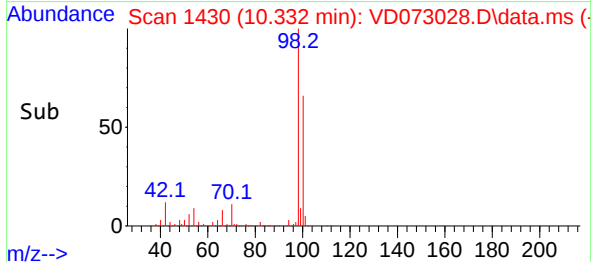
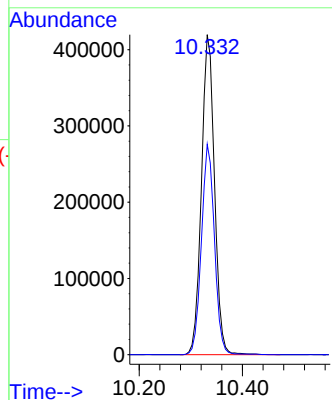
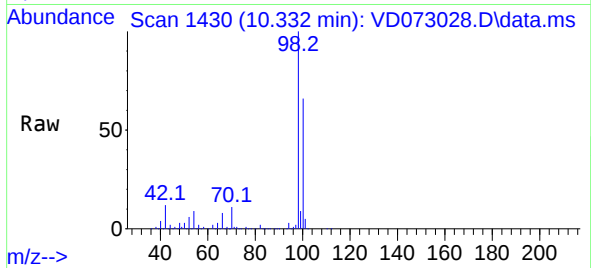




#50
Toluene-d8
Concen: 48.824 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073028.D
Acq: 14 May 2022 10:33

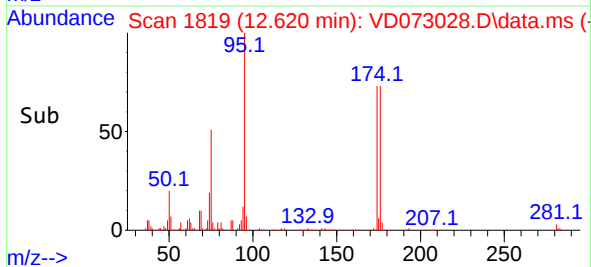
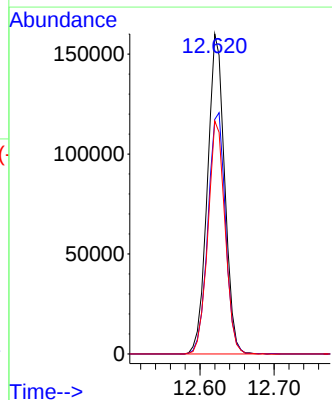
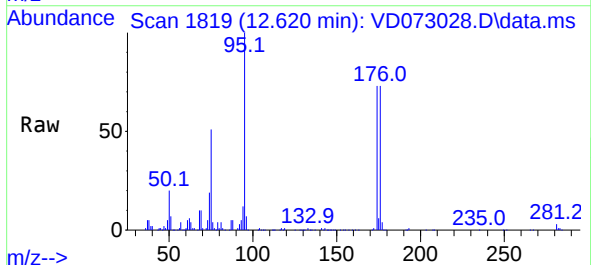
Instrument :
MSVOA_D
ClientSampleId :
SC-14

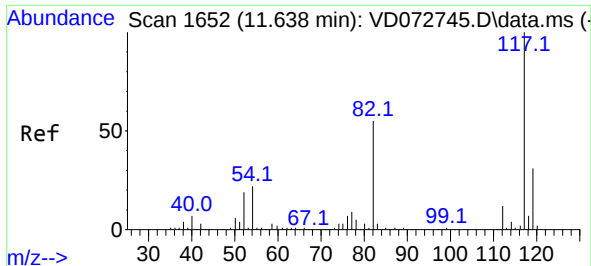
Tgt Ion: 98 Resp: 733385
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.966 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073028.D
Acq: 14 May 2022 10:33

Tgt Ion: 95 Resp: 257455
Ion Ratio Lower Upper
95 100
174 76.6 0.0 152.8
176 72.2 0.0 145.4

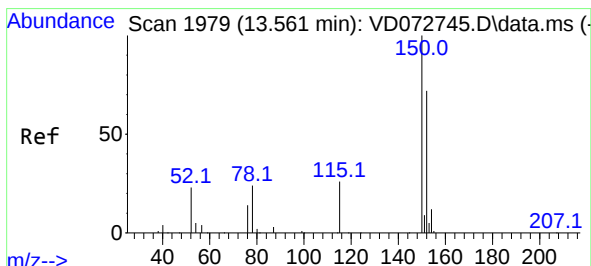
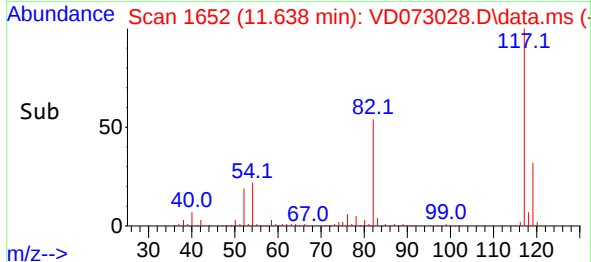
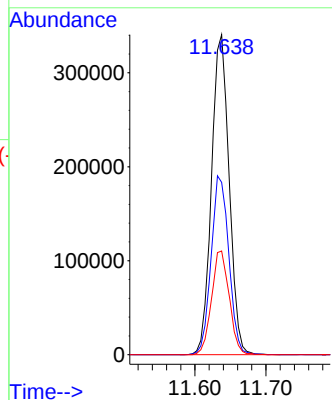
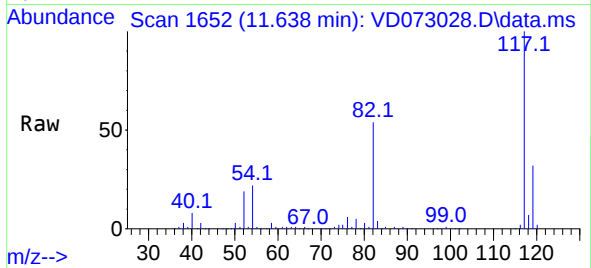




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073028.D
Acq: 14 May 2022 10:33

Instrument :
MSVOA_D
ClientSampleId :
SC-14

Tgt Ion:117 Resp: 585721
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 32.4 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: VD073028.D
Acq: 14 May 2022 10:33

Tgt Ion:152 Resp: 266790
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 156.4 0.0 348.6

