

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074162.D
 Acq On : 19 Aug 2022 21:50
 Operator : VA/SY
 Sample : N4242-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-02-081722

Quant Time: Aug 20 01:29:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 19 09:25:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.961	168	6829	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.855	114	13311	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	14677	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	6433	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	6573	140.304	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	280.600%#
35) Dibromofluoromethane	7.908	113	5816	92.683	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	185.360%#
50) Toluene-d8	10.326	98	8928	48.854	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.700%
62) 4-Bromofluorobenzene	12.620	95	5642	56.645	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.300%

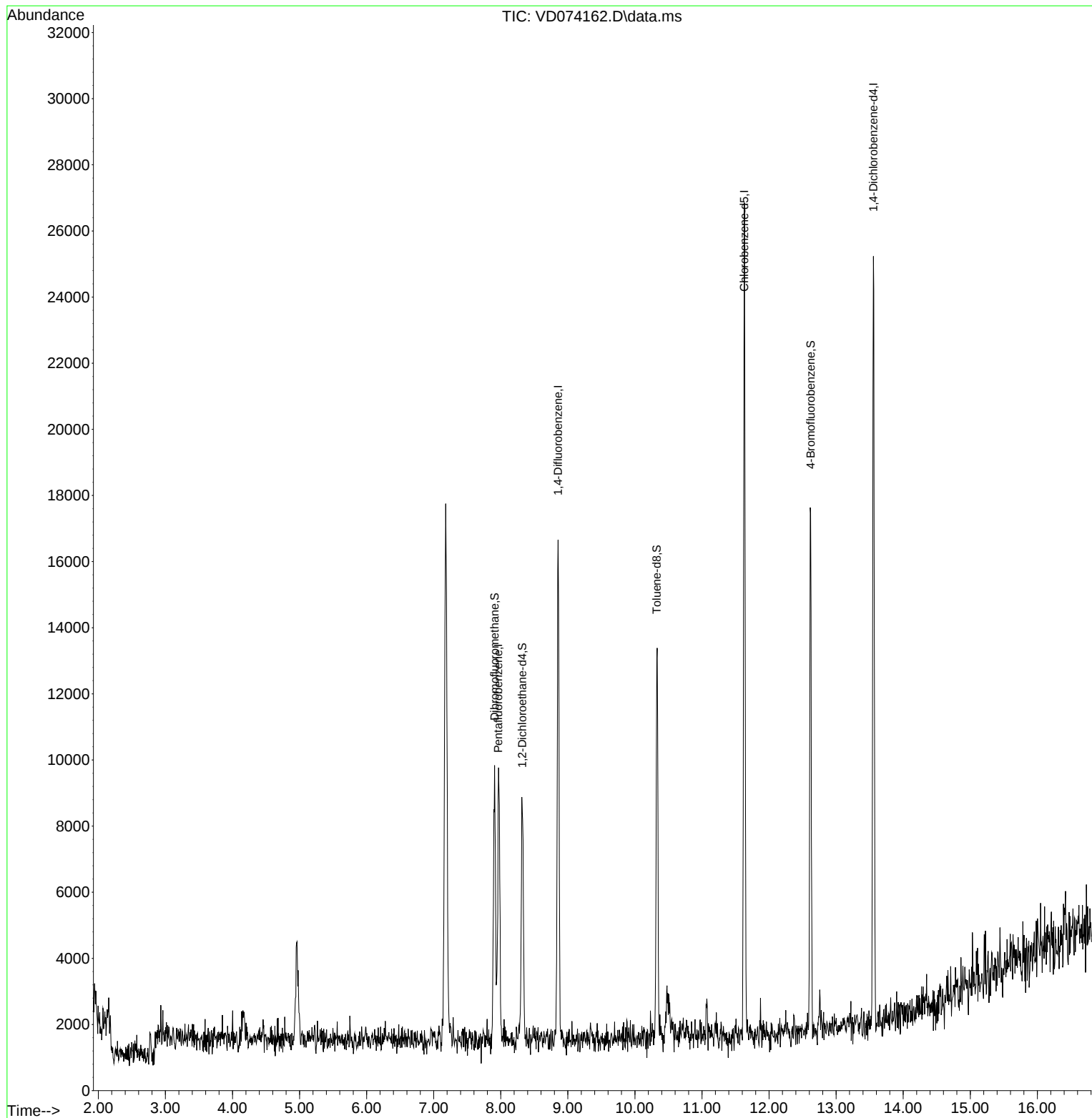
Target Compounds	Qvalue

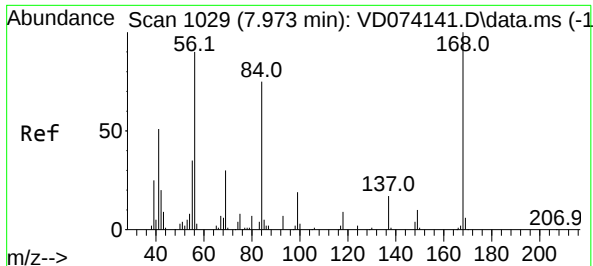
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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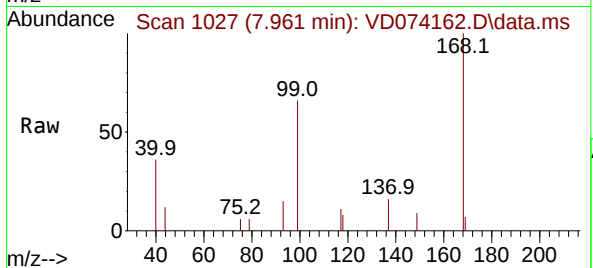
Quant Time: Aug 20 01:29:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081822S.M
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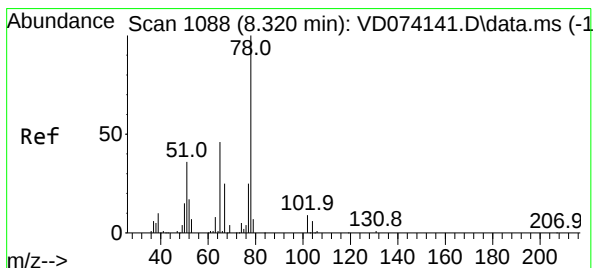
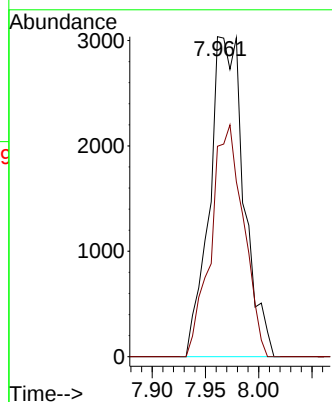
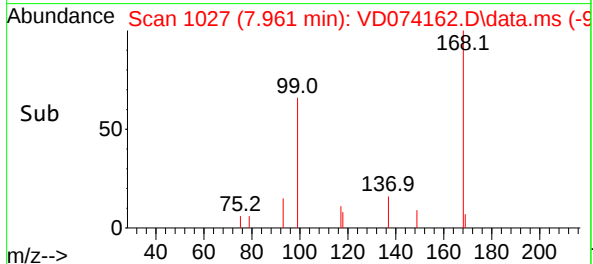


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD074162.D
Acq: 19 Aug 2022 21:50

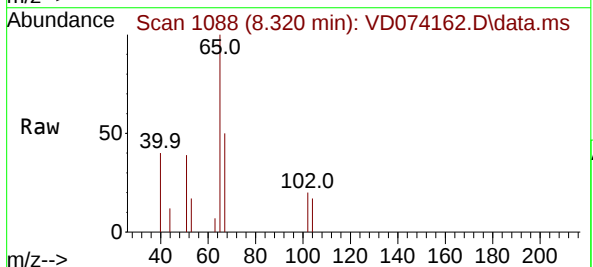
Instrument :
MSVOA_D
ClientSampleId :
CL-02-081722



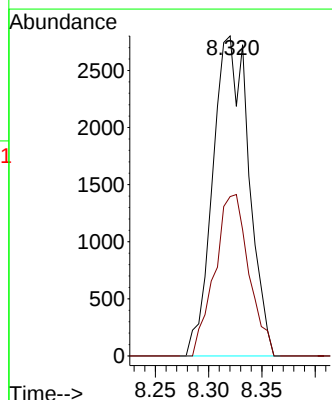
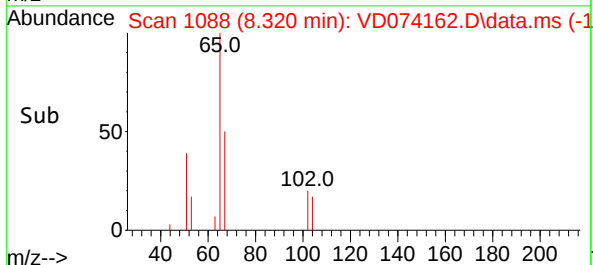
Tgt Ion:168 Resp: 6829
Ion Ratio Lower Upper
168 100
99 65.8 49.8 74.6

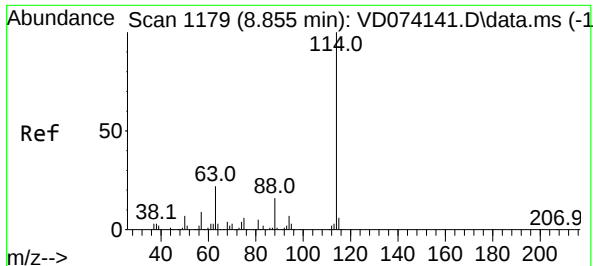


#33
1,2-Dichloroethane-d4
Concen: 140.304 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074162.D
Acq: 19 Aug 2022 21:50



Tgt Ion: 65 Resp: 6573
Ion Ratio Lower Upper
65 100
67 48.0 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074162.D

Acq: 19 Aug 2022 21:50

Instrument :

MSVOA_D

ClientSampleId :

CL-02-081722

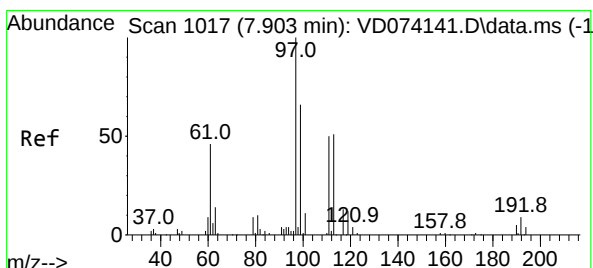
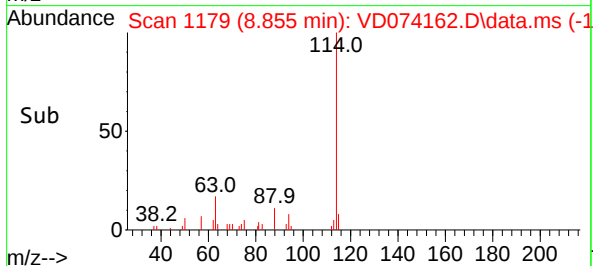
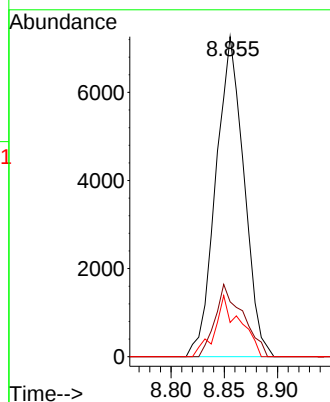
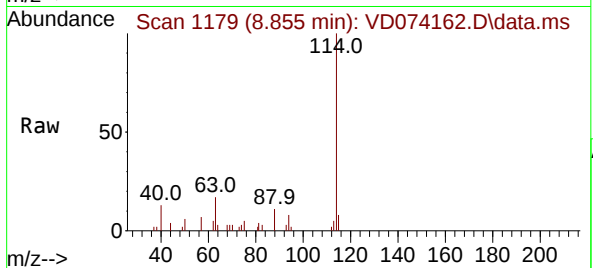
Tgt Ion:114 Resp: 13311

Ion Ratio Lower Upper

114 100

63 17.2 0.0 46.6

88 10.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 92.683 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074162.D

Acq: 19 Aug 2022 21:50

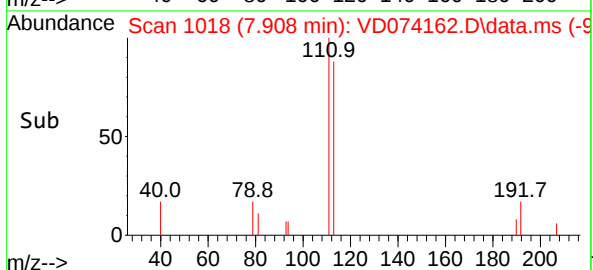
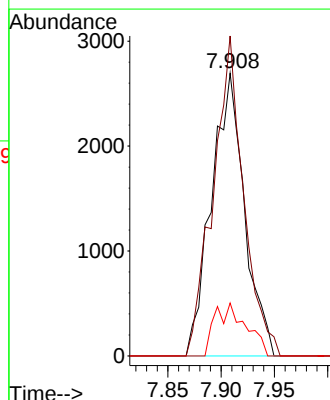
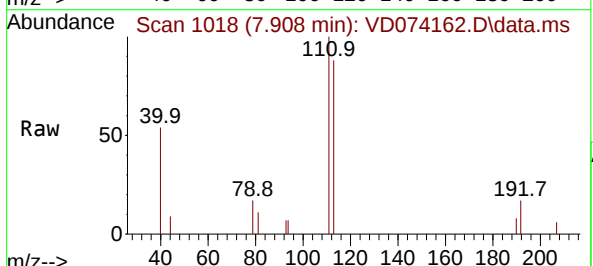
Tgt Ion:113 Resp: 5816

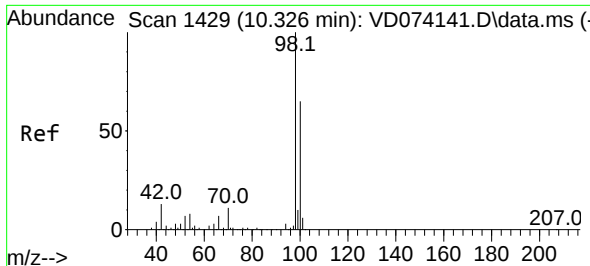
Ion Ratio Lower Upper

113 100

111 104.1 83.8 125.6

192 6.6 14.6 21.8#

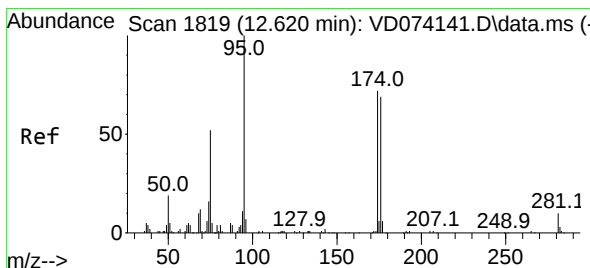
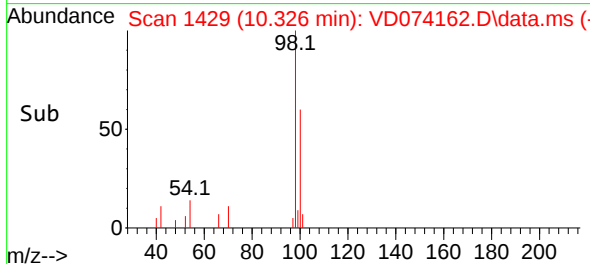
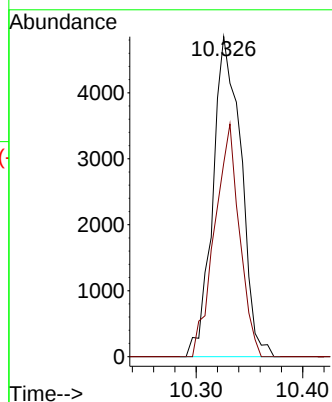
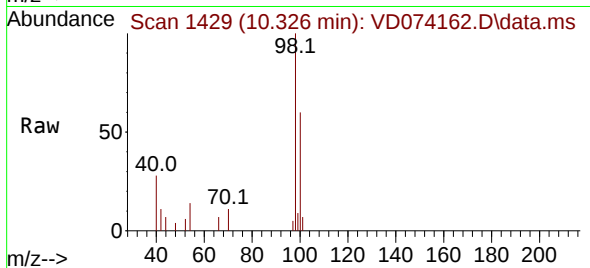




#50
Toluene-d8
Concen: 48.854 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VD074162.D
Acq: 19 Aug 2022 21:50

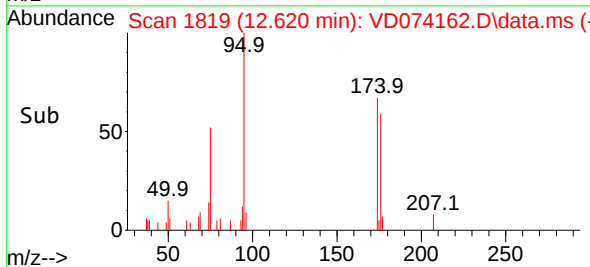
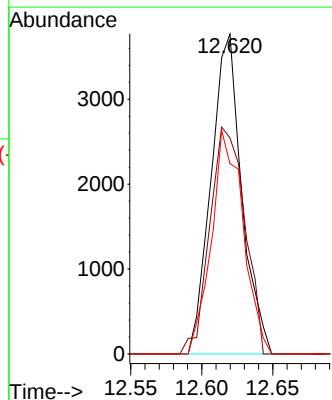
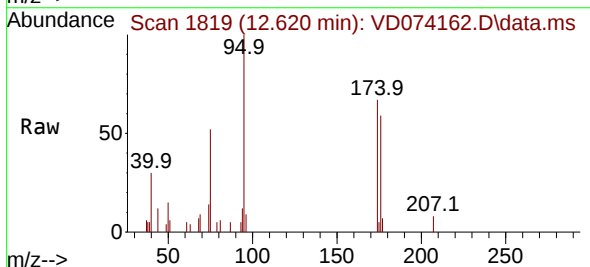
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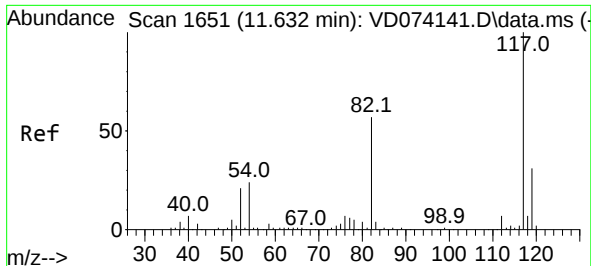
Tgt Ion: 98 Resp: 8928
Ion Ratio Lower Upper
98 100
100 64.1 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 56.645 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074162.D
Acq: 19 Aug 2022 21:50

Tgt Ion: 95 Resp: 5642
Ion Ratio Lower Upper
95 100
174 81.1 0.0 152.8
176 72.2 0.0 145.4

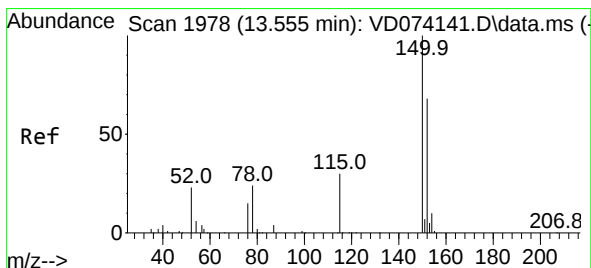
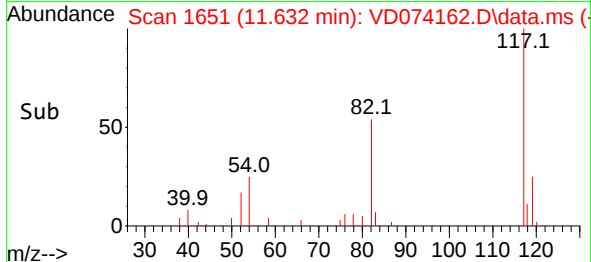
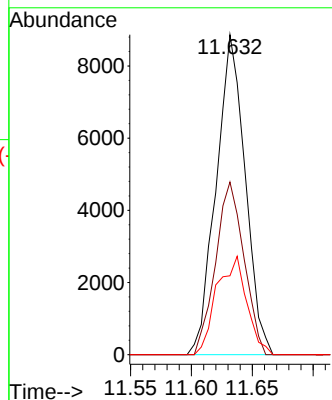
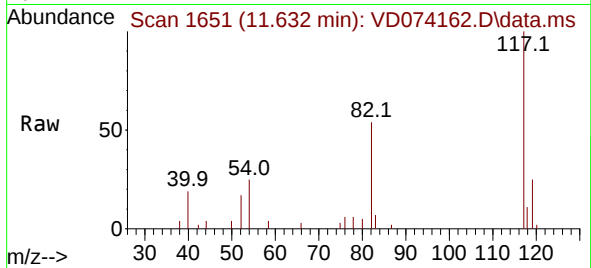




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11651
Delta R.T. -0.000 min
Lab File: VD074162.D
Acq: 19 Aug 2022 21:50

Instrument :
MSVOA_D
ClientSampleId :
CL-02-081722

Tgt Ion:117 Resp: 14677
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 24.7 26.6 40.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074162.D
Acq: 19 Aug 2022 21:50

Tgt Ion:152 Resp: 6433
Ion Ratio Lower Upper
152 100
115 62.4 31.3 93.8
150 164.6 0.0 348.6

