

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081622\
 Data File : VD074114.D
 Acq On : 16 Aug 2022 21:13
 Operator : VA/SY
 Sample : N4152-03
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-03-081022

Quant Time: Aug 16 22:52:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	17512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	31577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	32032	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	15584	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14951	126.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	252.420%#
35) Dibromofluoromethane	7.908	113	14549	72.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.200%
50) Toluene-d8	10.332	98	19253	31.426	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	62.860%
62) 4-Bromofluorobenzene	12.614	95	12215	48.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.560%

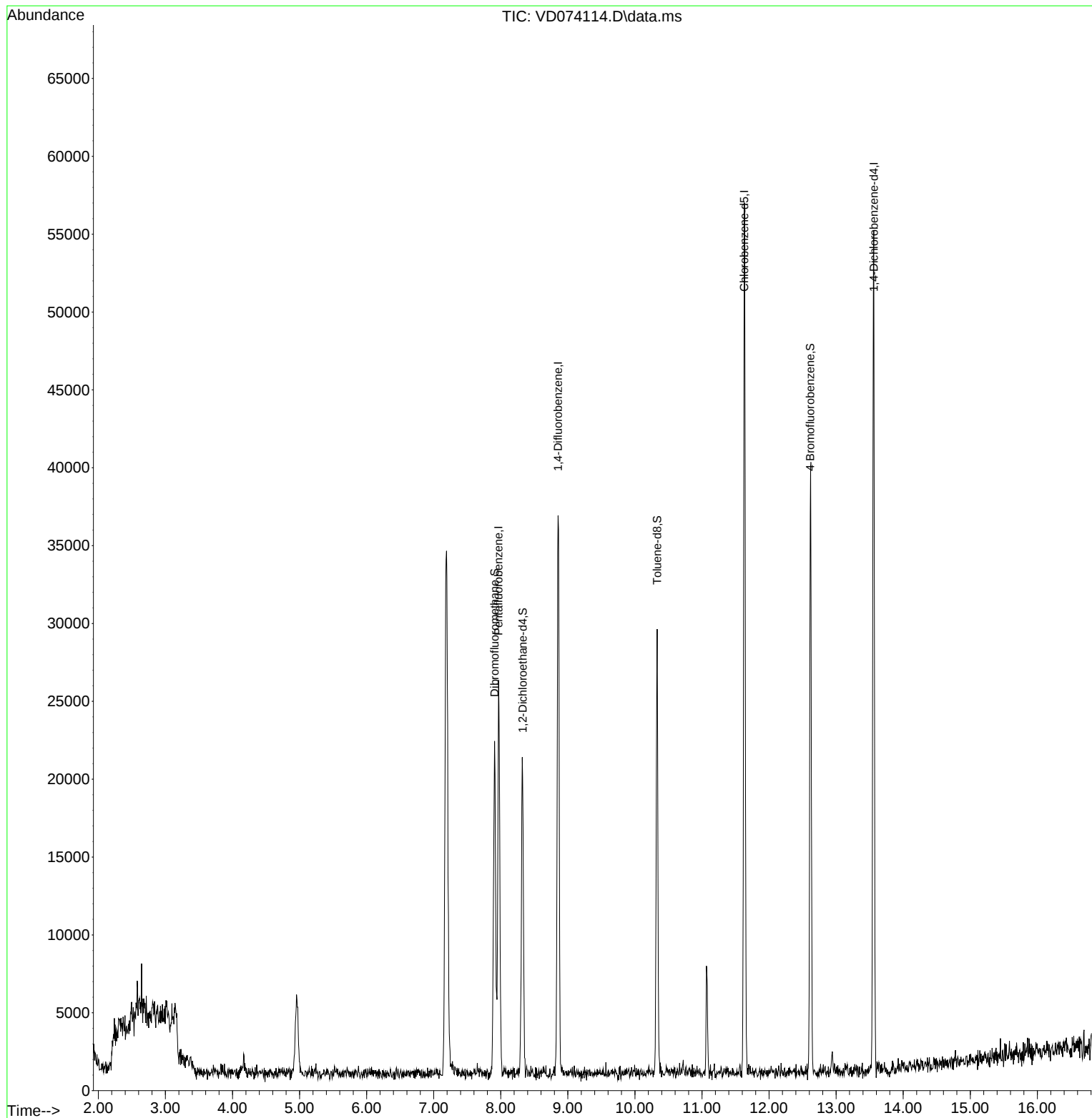
Target Compounds	Qvalue

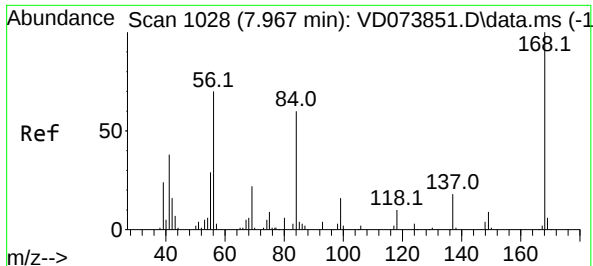
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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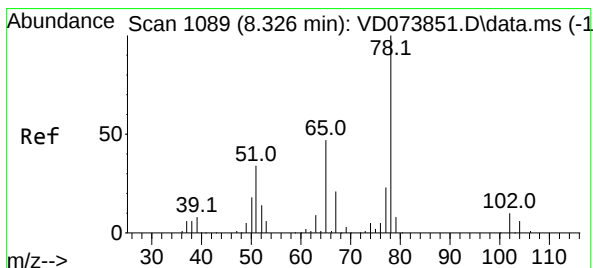
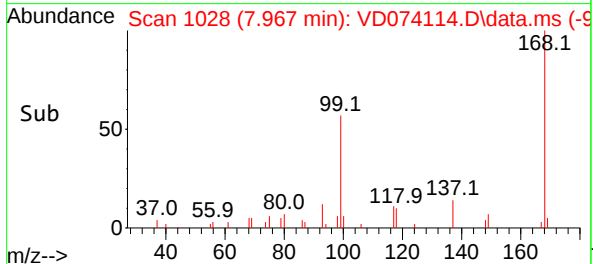
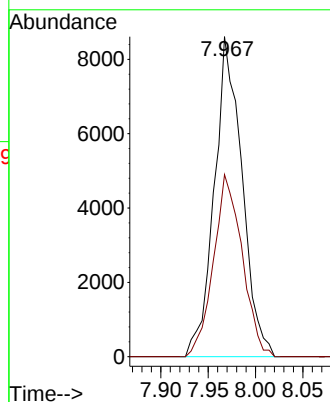
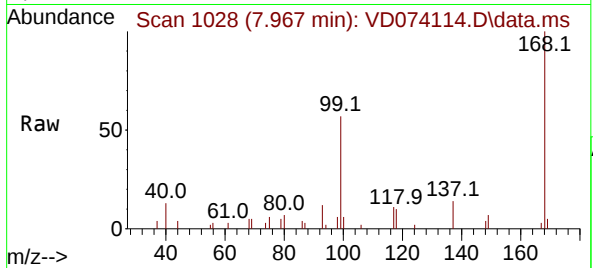




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. 0.000 min
Lab File: VD074114.D
Acq: 16 Aug 2022 21:13

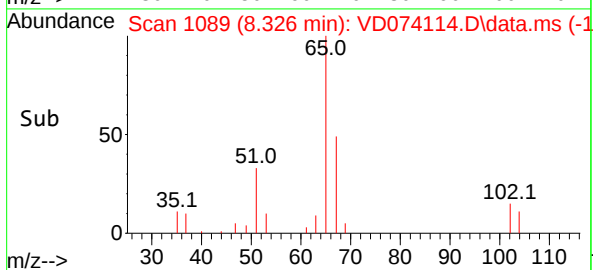
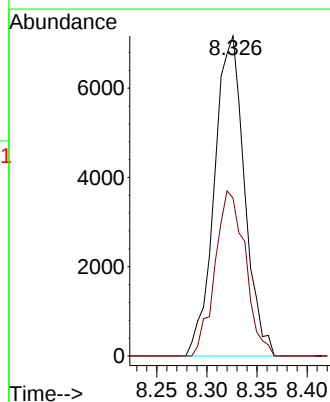
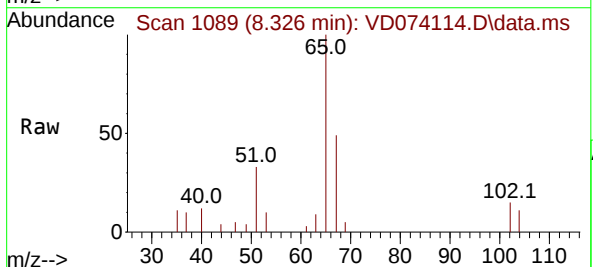
Instrument :
MSVOA_D
ClientSampleId :
EO-03-081022

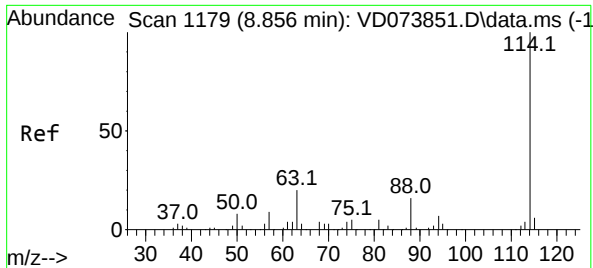
Tgt Ion:168 Resp: 17512
Ion Ratio Lower Upper
168 100
99 56.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 126.212 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074114.D
Acq: 16 Aug 2022 21:13

Tgt Ion: 65 Resp: 14951
Ion Ratio Lower Upper
65 100
67 51.9 0.0 101.4

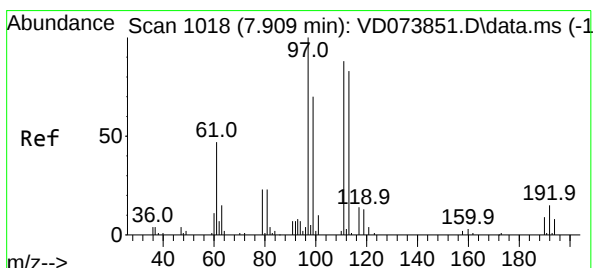
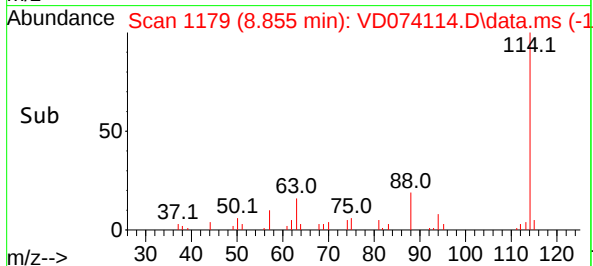
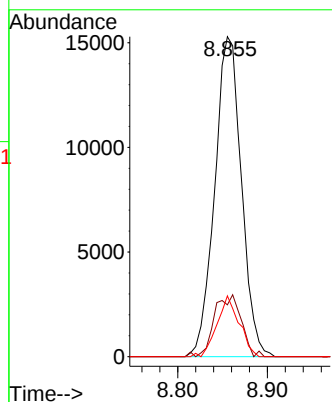
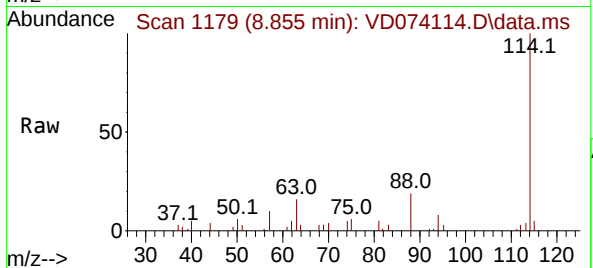




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074114.D
Acq: 16 Aug 2022 21:13

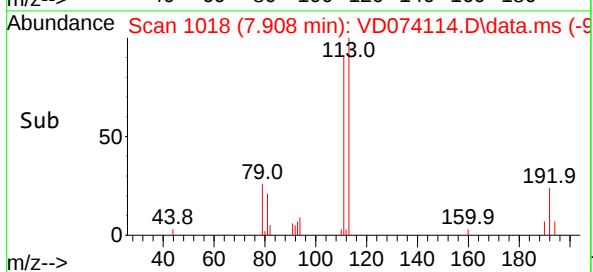
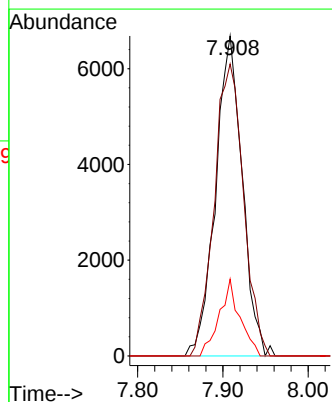
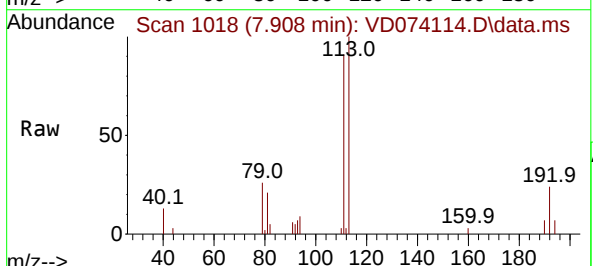
Instrument :
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ClientSampleId :
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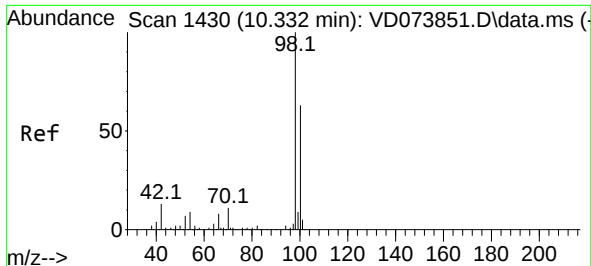
Tgt Ion:114	Resp:	31577
Ion Ratio	Lower	Upper
114	100	
63	16.2	0.0 46.6
88	19.0	0.0 33.2



#35
Dibromofluoromethane
Concen: 72.102 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD074114.D
Acq: 16 Aug 2022 21:13

Tgt Ion:113	Resp:	14549
Ion Ratio	Lower	Upper
113	100	
111	100.0	83.8 125.6
192	18.5	14.6 21.8

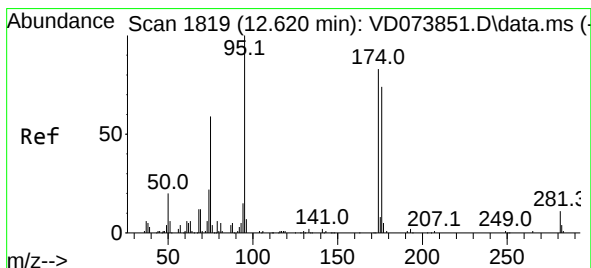
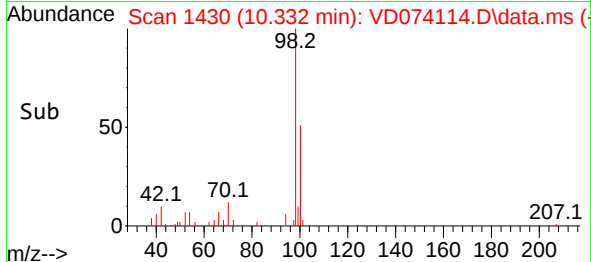
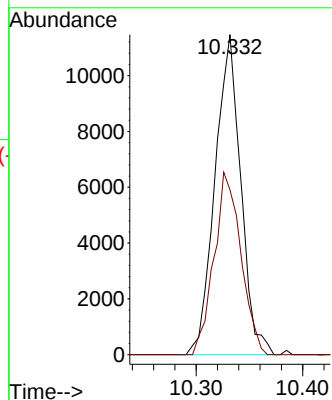
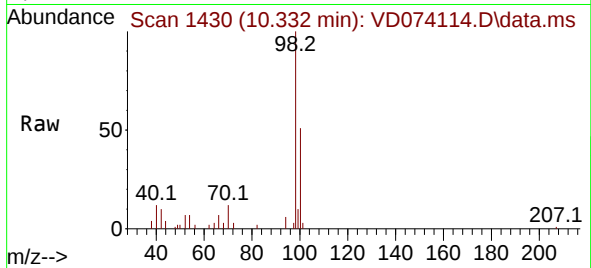




#50
Toluene-d8
Concen: 31.426 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074114.D
Acq: 16 Aug 2022 21:13

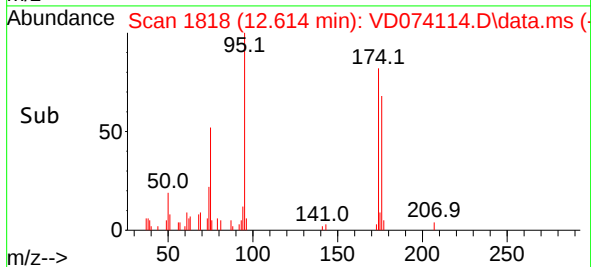
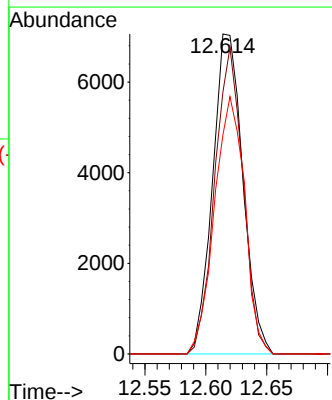
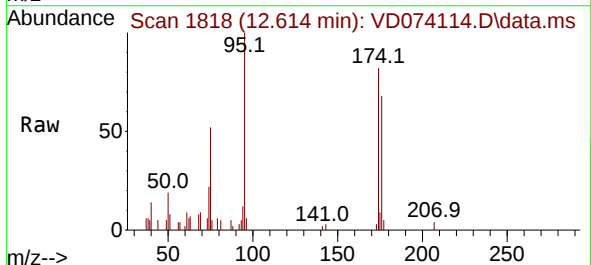
Instrument :
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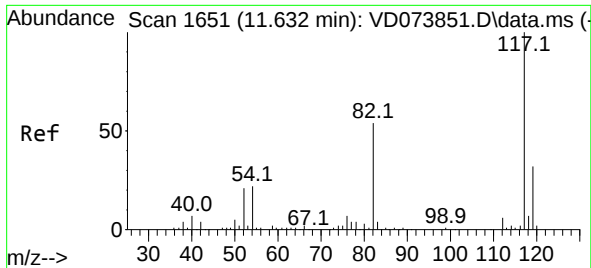
Tgt Ion: 98 Resp: 19253
Ion Ratio Lower Upper
98 100
100 59.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.282 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074114.D
Acq: 16 Aug 2022 21:13

Tgt Ion: 95 Resp: 12215
Ion Ratio Lower Upper
95 100
174 88.8 0.0 152.8
176 80.2 0.0 145.4

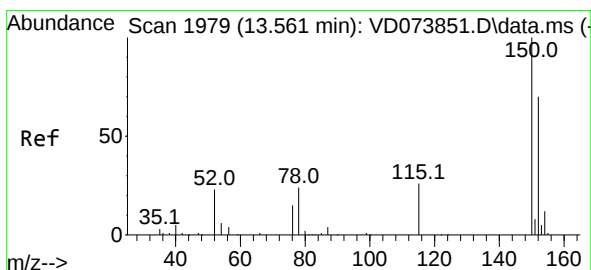
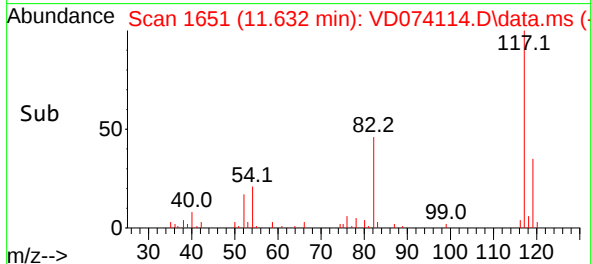
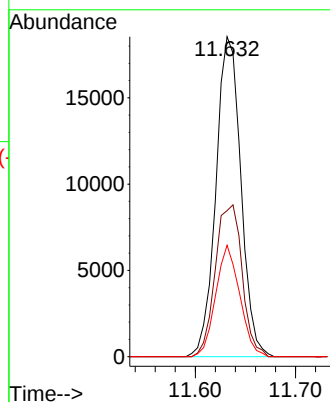
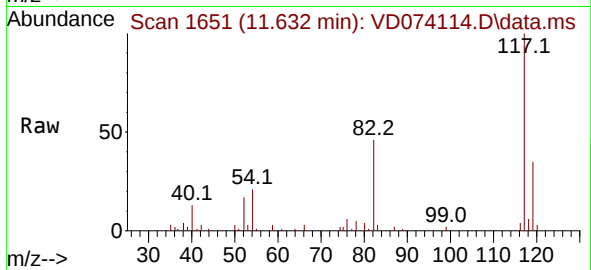




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074114.D
Acq: 16 Aug 2022 21:13

Instrument :
MSVOA_D
ClientSampleId :
EO-03-081022

Tgt Ion:117 Resp: 32032
Ion Ratio Lower Upper
117 100
82 45.6 45.3 67.9
119 34.8 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: VD074114.D
Acq: 16 Aug 2022 21:13

Tgt Ion:152 Resp: 15584
Ion Ratio Lower Upper
152 100
115 51.7 31.3 93.8
150 140.0 0.0 348.6

