

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081922\
 Data File : VD074157.D
 Acq On : 19 Aug 2022 19:24
 Operator : VA/SY
 Sample : N4227-11
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-2

Quant Time: Aug 20 01:28:07 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	7.979	168	4363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	8123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	9276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	4055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3885	129.286	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	258.580%#
35) Dibromofluoromethane	7.897	113	3318	86.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	172.700%#
50) Toluene-d8	10.326	98	5963	54.070	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.140%
62) 4-Bromofluorobenzene	12.614	95	3697	60.824	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	121.640%

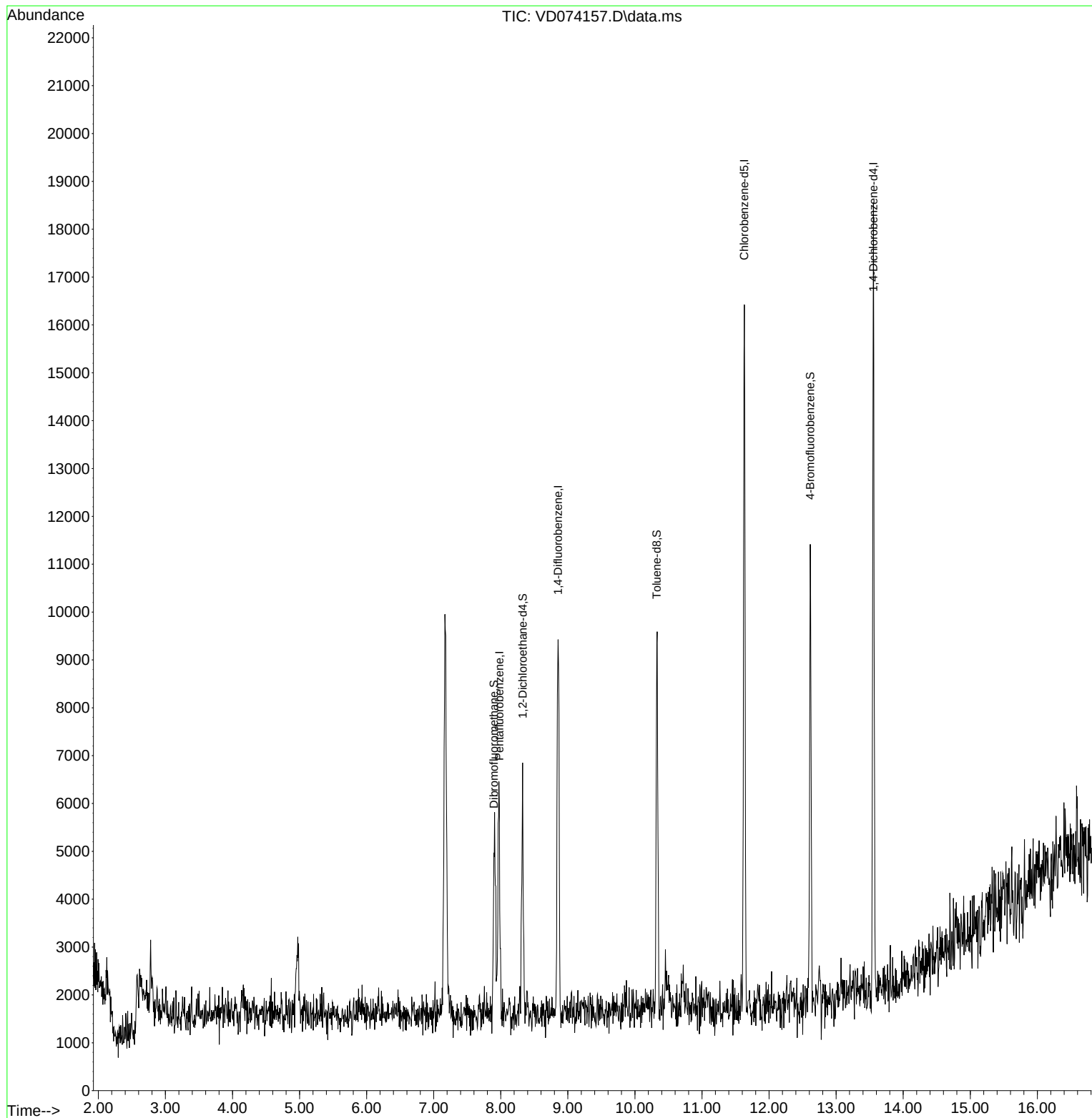
Target Compounds	Qvalue

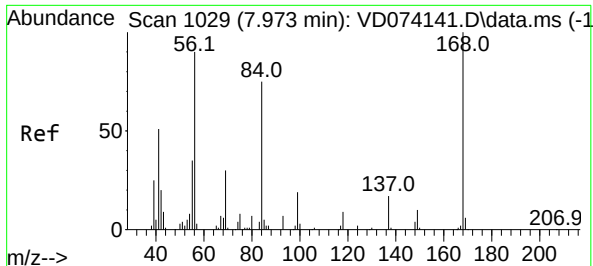
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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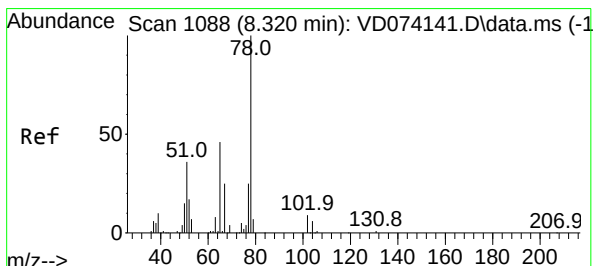
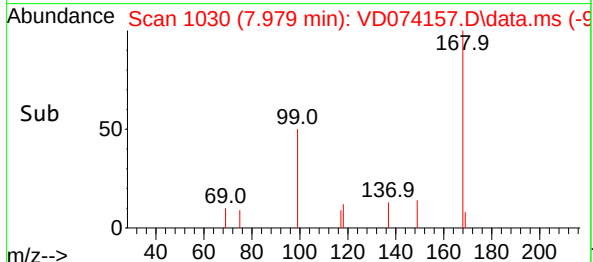
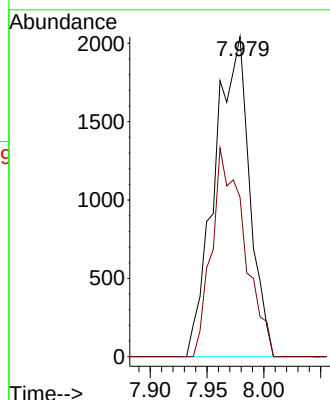
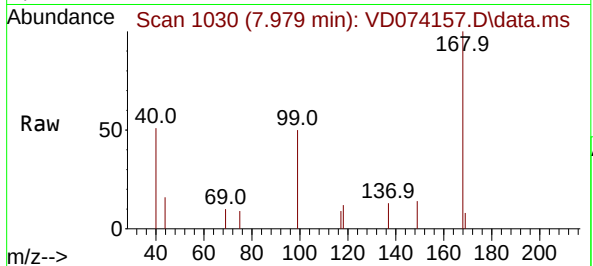




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD074157.D
Acq: 19 Aug 2022 19:24

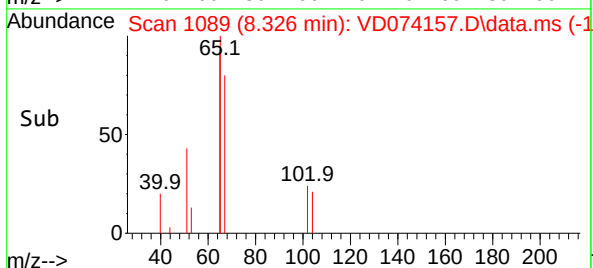
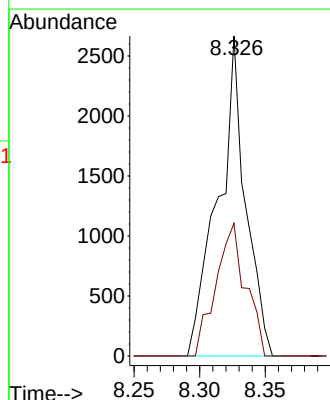
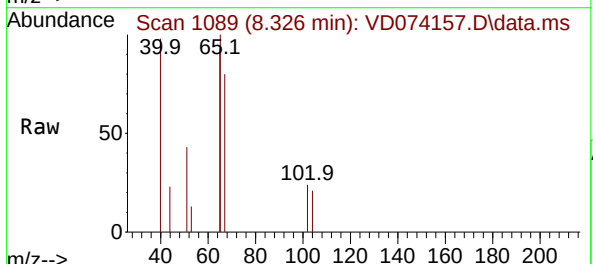
Instrument :
MSVOA_D
ClientSampleId :
SP-2

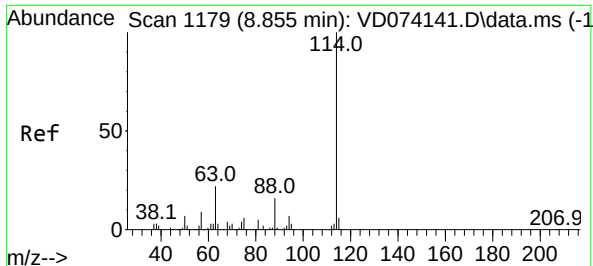
Tgt Ion:168 Resp: 4363
Ion Ratio Lower Upper
168 100
99 49.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 129.286 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VD074157.D
Acq: 19 Aug 2022 19:24

Tgt Ion: 65 Resp: 3885
Ion Ratio Lower Upper
65 100
67 44.9 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: VD074157.D

Acq: 19 Aug 2022 19:24

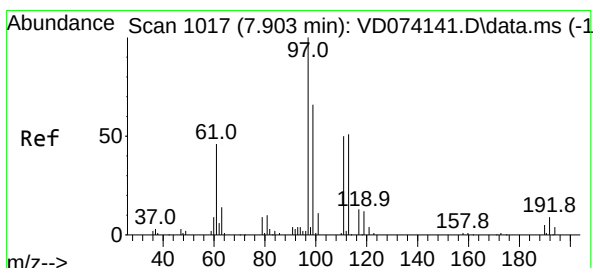
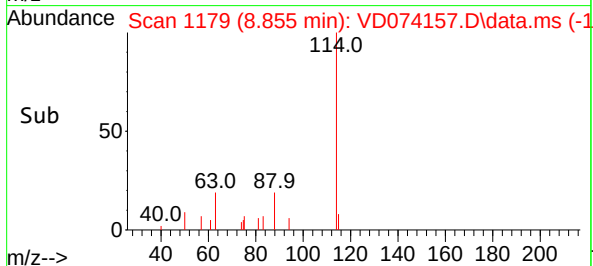
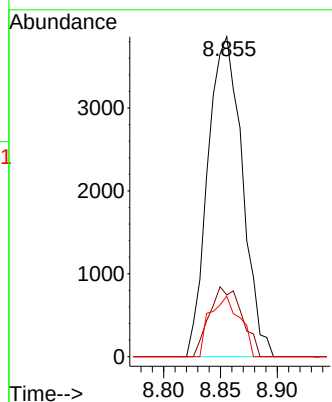
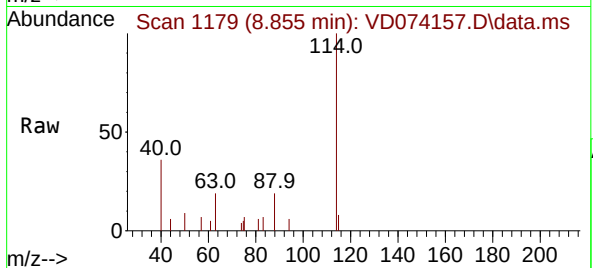
Instrument :

MSVOA_D

ClientSampleId :

SP-2

Tgt Ion:114	Resp:	8123
Ion	Ratio	Lower Upper
114	100	
63	19.3	0.0 46.6
88	18.9	0.0 33.2



#35

Dibromofluoromethane

Concen: 86.351 ug/l

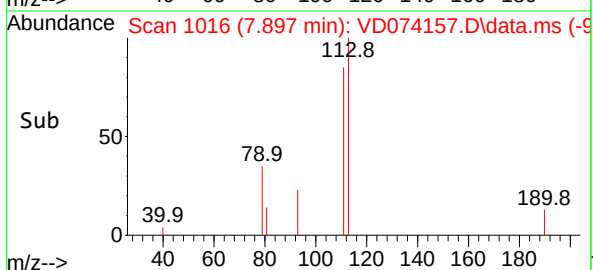
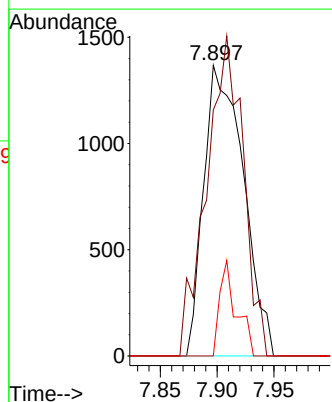
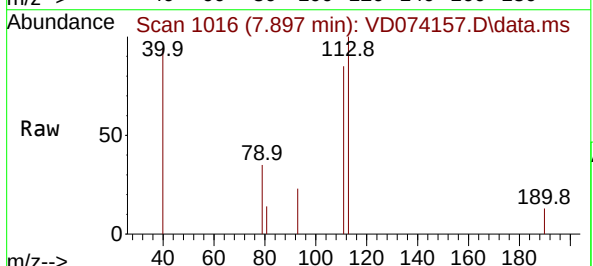
RT: 7.897 min Scan# 1016

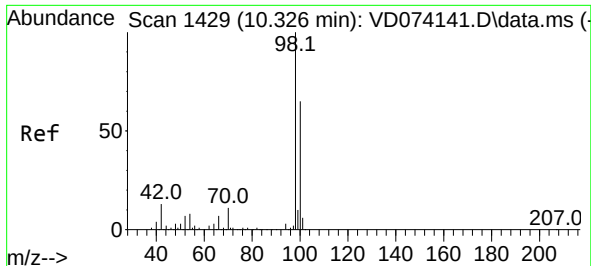
Delta R.T. -0.006 min

Lab File: VD074157.D

Acq: 19 Aug 2022 19:24

Tgt Ion:113	Resp:	3318
Ion	Ratio	Lower Upper
113	100	
111	101.8	83.8 125.6
192	13.9	14.6 21.8

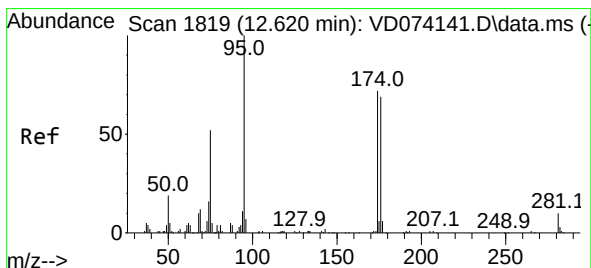
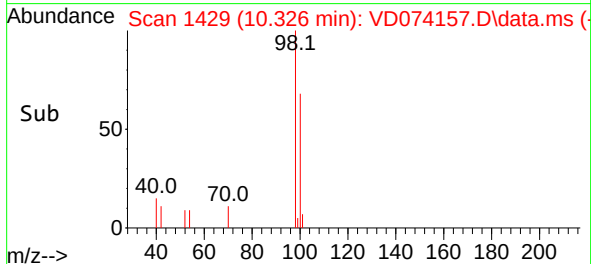
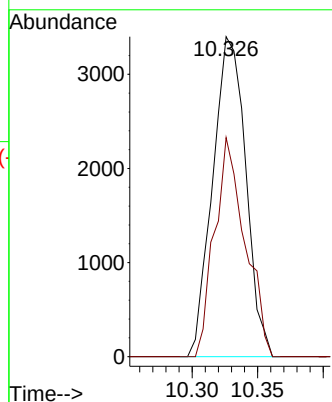
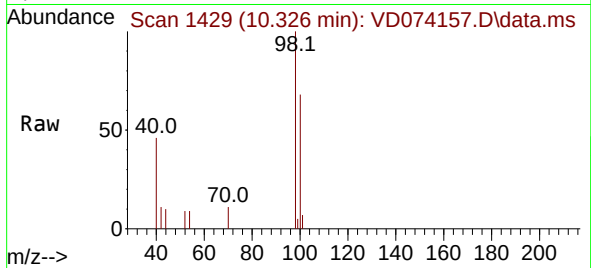




#50
Toluene-d8
Concen: 54.070 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VD074157.D
Acq: 19 Aug 2022 19:24

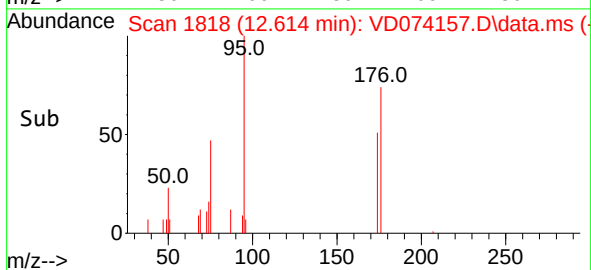
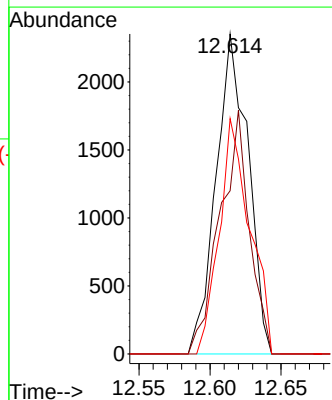
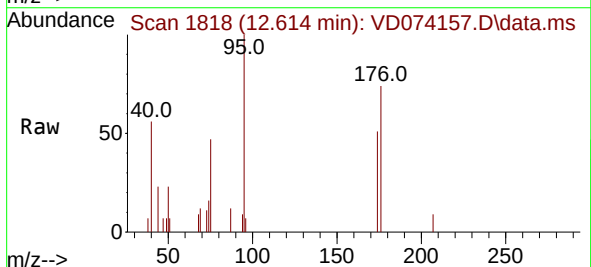
Instrument :
MSVOA_D
ClientSampleId :
SP-2

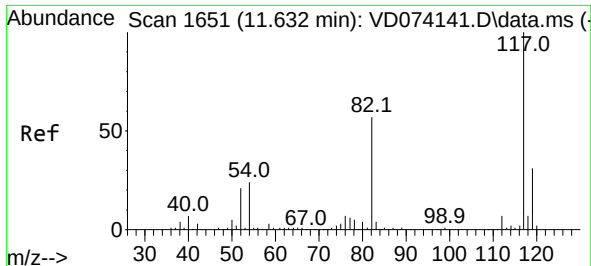
Tgt Ion: 98 Resp: 5963
Ion Ratio Lower Upper
98 100
100 63.3 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 60.824 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074157.D
Acq: 19 Aug 2022 19:24

Tgt Ion: 95 Resp: 3697
Ion Ratio Lower Upper
95 100
174 69.8 0.0 152.8
176 70.1 0.0 145.4

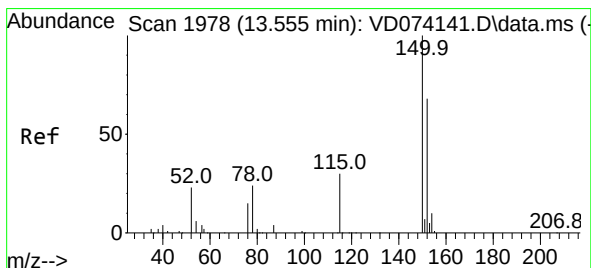
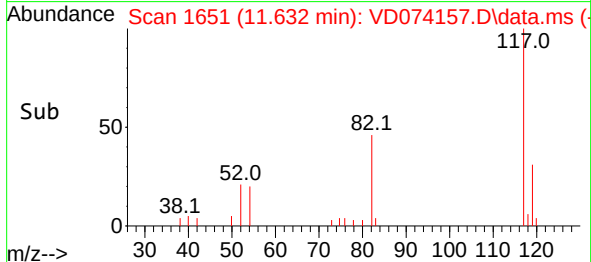
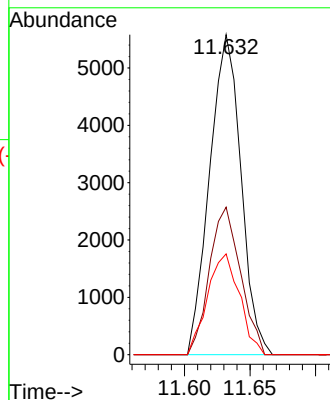
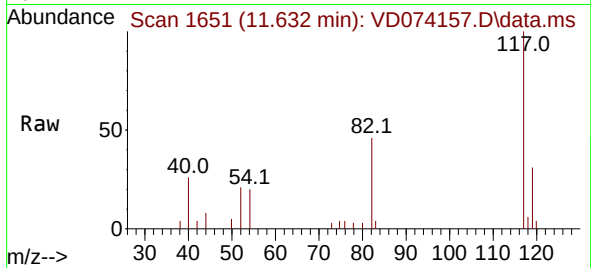




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074157.D
Acq: 19 Aug 2022 19:24

Instrument :
MSVOA_D
ClientSampleId :
SP-2

Tgt Ion:117	Resp:	9276
Ion	Ratio	Lower Upper
117	100	
82	46.1	45.3 67.9
119	31.5	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: VD074157.D
Acq: 19 Aug 2022 19:24

Tgt Ion:152	Resp:	4055
Ion	Ratio	Lower Upper
152	100	
115	66.9	31.3 93.8
150	163.3	0.0 348.6

