

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090322\
 Data File : VN074326.D
 Acq On : 03 Sep 2022 18:57
 Operator : JC\MD
 Sample : N4360-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE135D2-20220824

Quant Time: Sep 05 05:38:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	304381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	563058	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	549997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	252603	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	228851	48.232	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.460%
35) Dibromofluoromethane	7.951	113	202346	54.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.460%
50) Toluene-d8	10.380	98	693474	47.135	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.260%
62) 4-Bromofluorobenzene	12.669	95	254729	47.469	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.940%

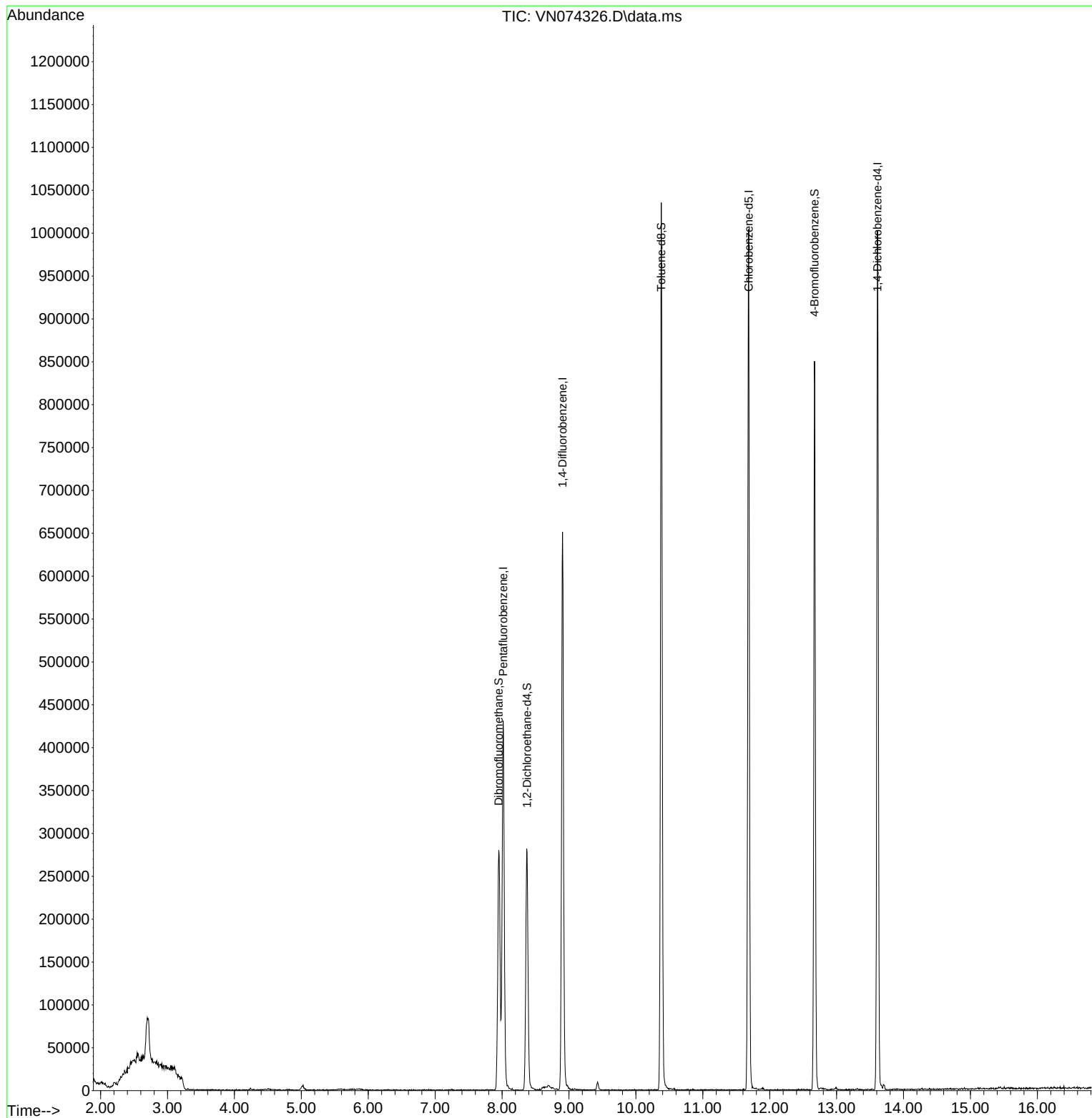
Target Compounds	Qvalue

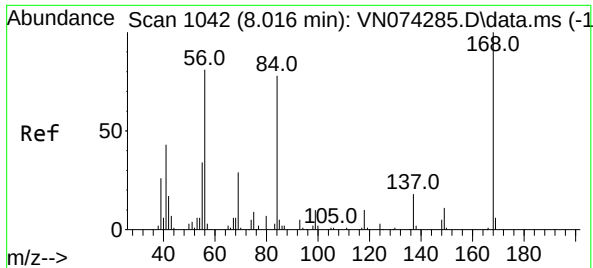
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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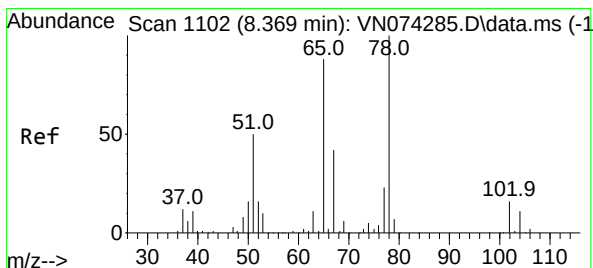
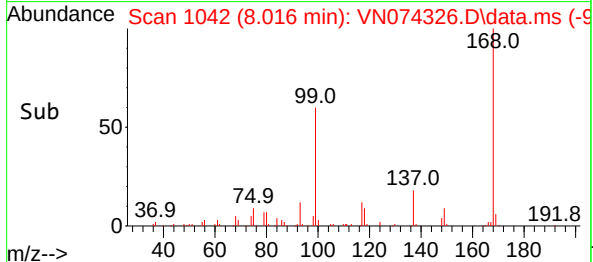
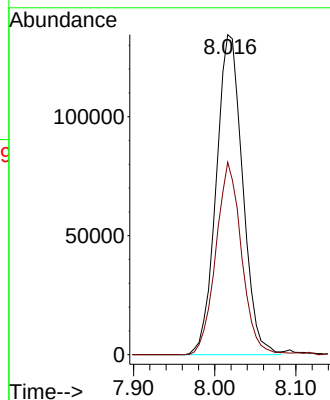
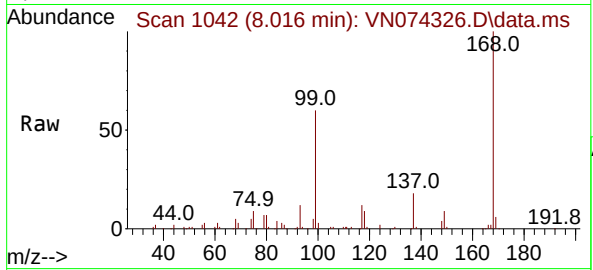




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

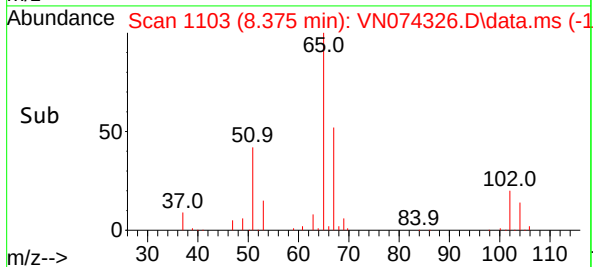
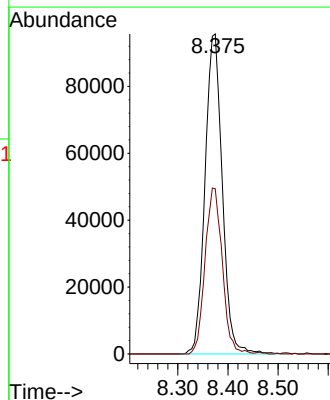
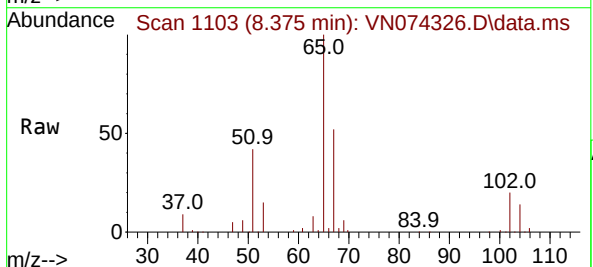
Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

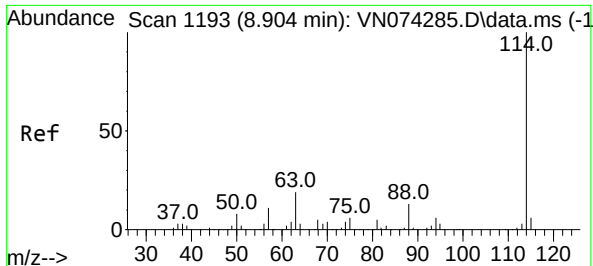
Tgt Ion:168 Resp: 304381
Ion Ratio Lower Upper
168 100
99 60.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.232 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 65 Resp: 228851
Ion Ratio Lower Upper
65 100
67 51.7 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074326.D

Acq: 03 Sep 2022 18:57

Instrument :

MSVOA_N

ClientSampleId :

RE135D2-20220824

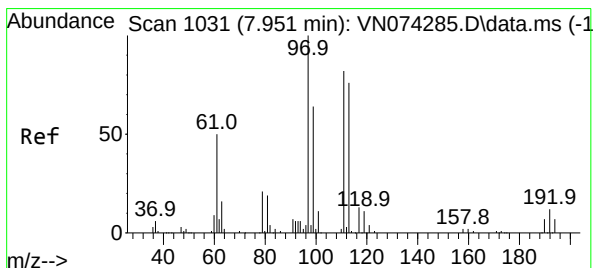
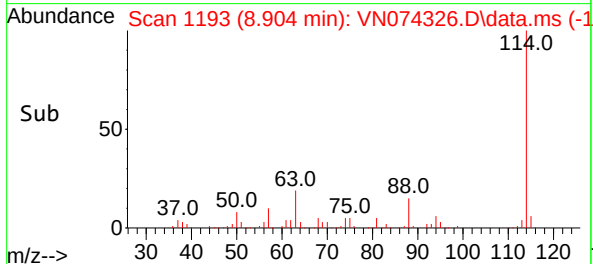
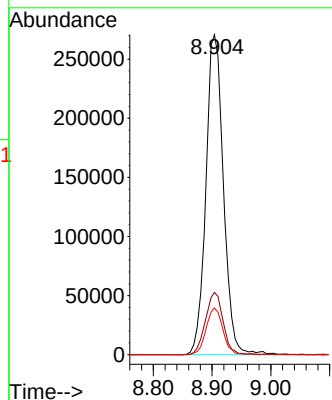
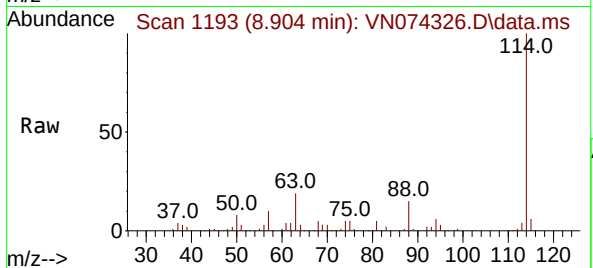
Tgt Ion:114 Resp: 563058

Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 14.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.232 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074326.D

Acq: 03 Sep 2022 18:57

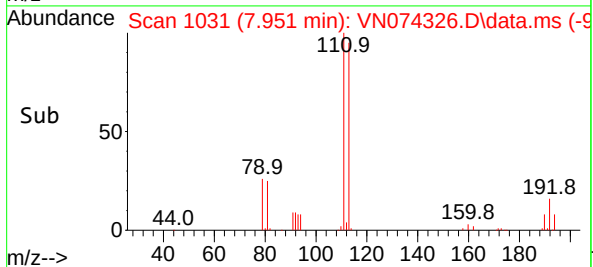
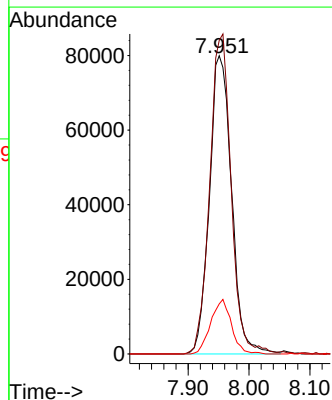
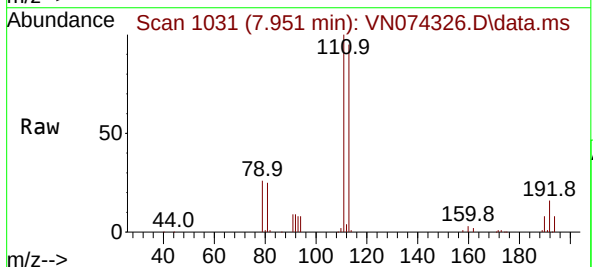
Tgt Ion:113 Resp: 202346

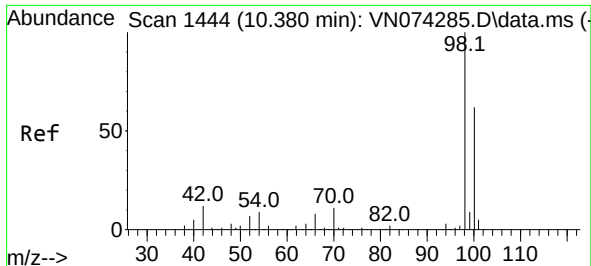
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 17.1 17.0 25.6

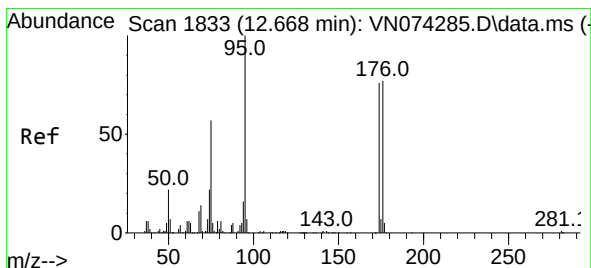
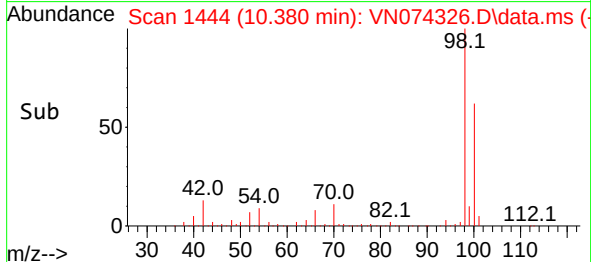
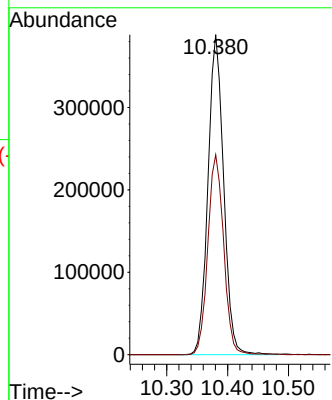
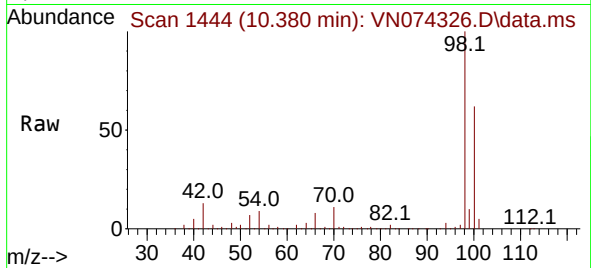




#50
Toluene-d8
Concen: 47.135 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

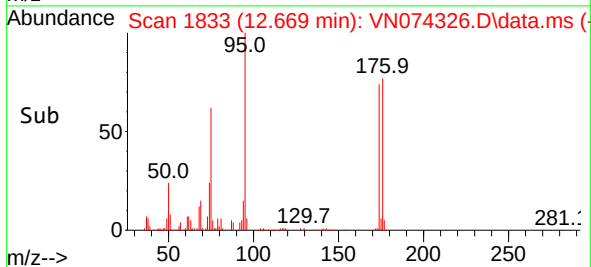
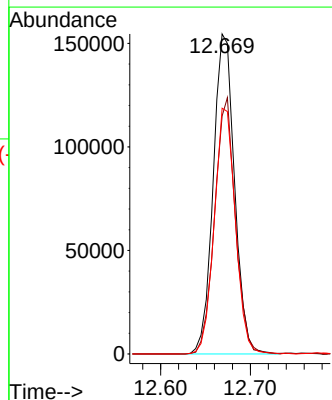
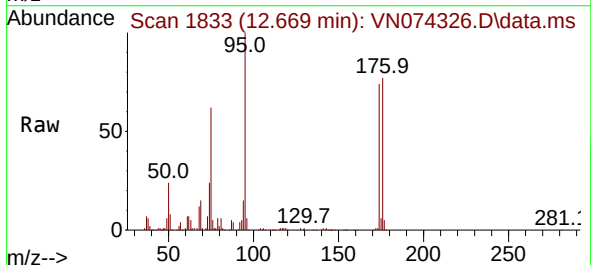
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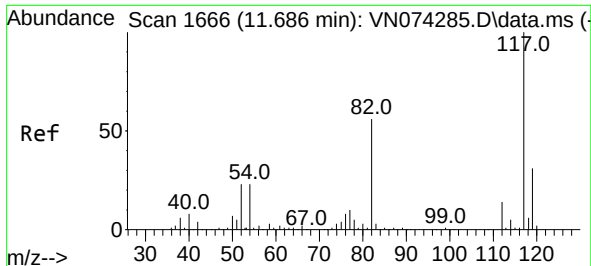
Tgt Ion: 98 Resp: 693474
Ion Ratio Lower Upper
98 100
100 63.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 47.469 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion: 95 Resp: 254729
Ion Ratio Lower Upper
95 100
174 78.1 0.0 167.6
176 76.3 0.0 163.4

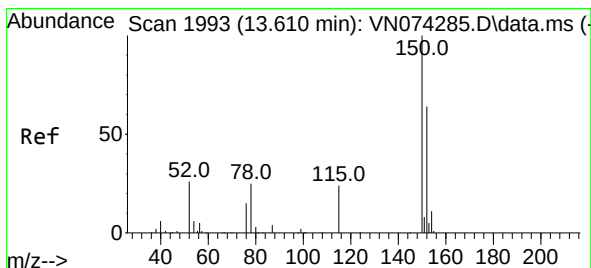
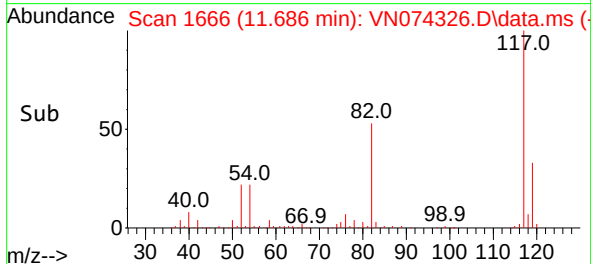
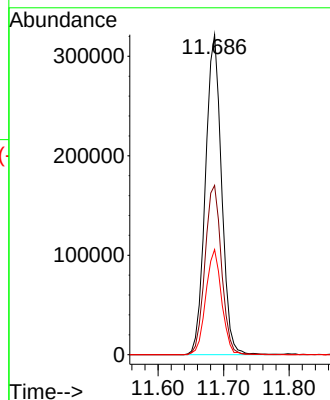
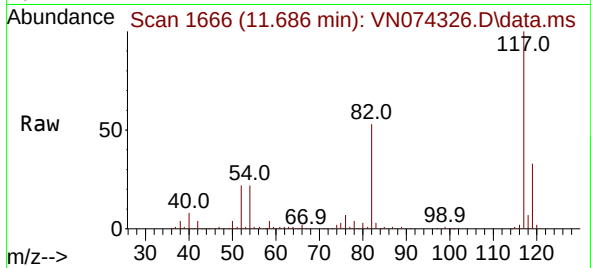




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Instrument :
MSVOA_N
ClientSampleId :
RE135D2-20220824

Tgt Ion:117 Resp: 549997
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN074326.D
Acq: 03 Sep 2022 18:57

Tgt Ion:152 Resp: 252603
Ion Ratio Lower Upper
152 100
115 61.0 28.9 86.7
150 160.5 0.0 356.2

