

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073967.D
 Acq On : 17 Aug 2022 11:16
 Operator : JC\MD
 Sample : VN0817WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817WBL01

Quant Time: Aug 17 15:42:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	641871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	934817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	882300	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	464801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	323355	51.722	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.440%
35) Dibromofluoromethane	7.951	113	312797	56.580	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	113.160%
50) Toluene-d8	10.380	98	1033201	48.255	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.669	95	423453	59.591	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	119.180%

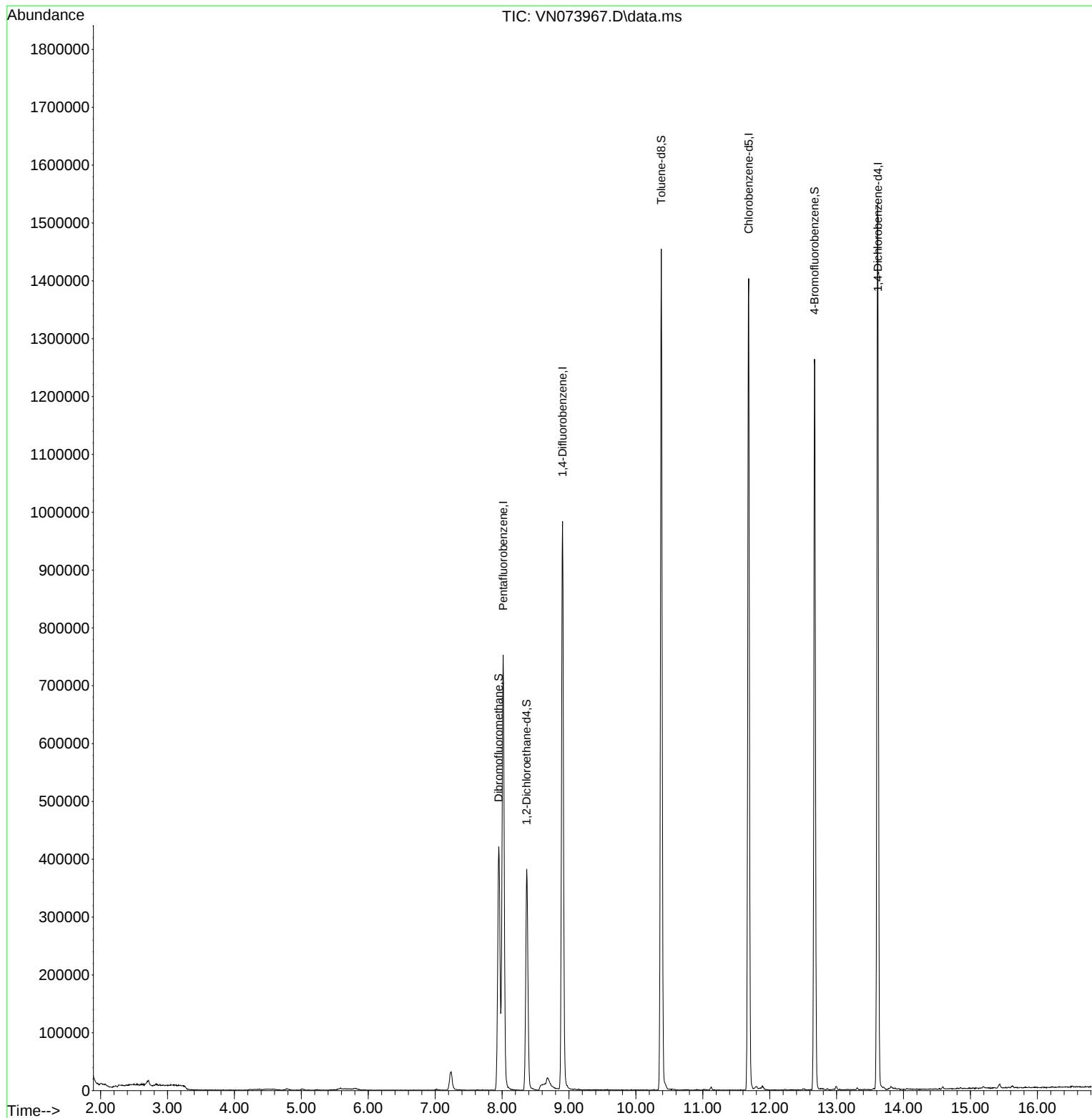
Target Compounds	Qvalue

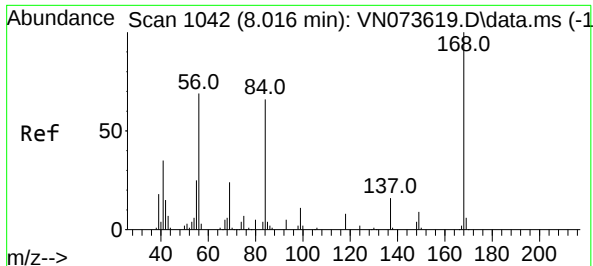
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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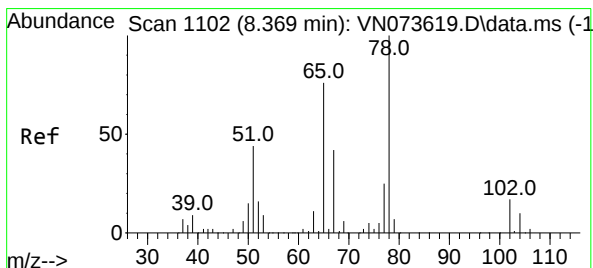
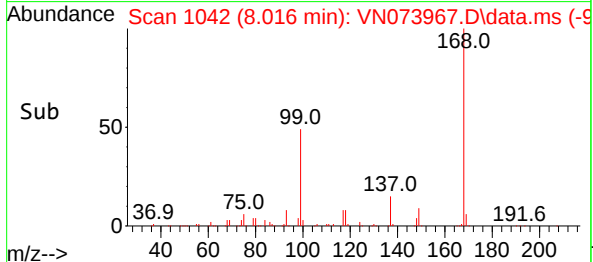
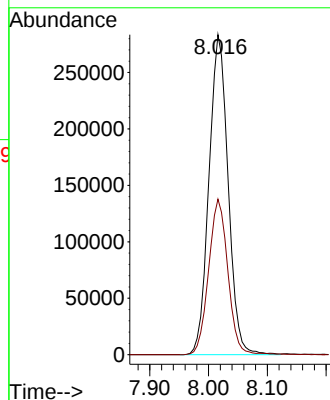
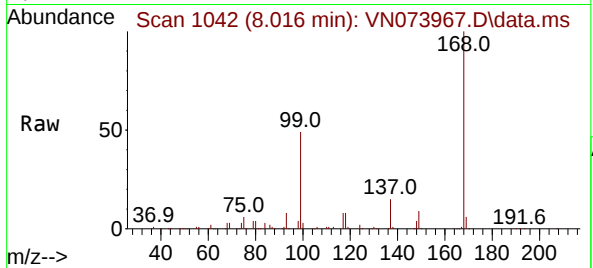




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073967.D
Acq: 17 Aug 2022 11:16

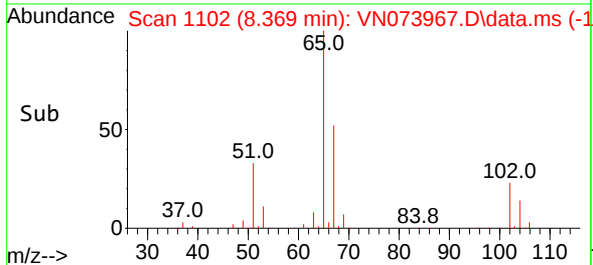
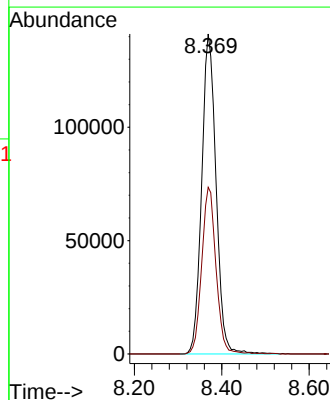
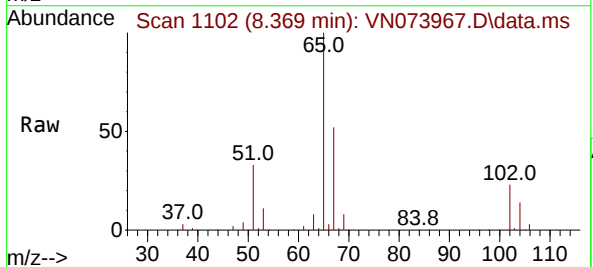
Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL01

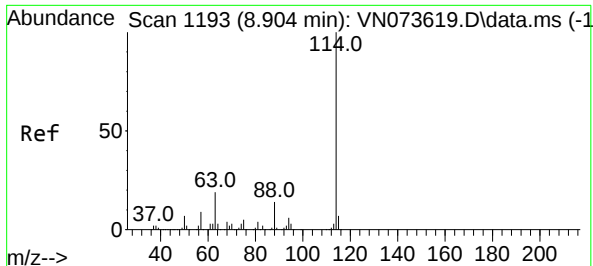
Tgt Ion:168 Resp: 641871
Ion Ratio Lower Upper
168 100
99 48.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 51.722 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073967.D
Acq: 17 Aug 2022 11:16

Tgt Ion: 65 Resp: 323355
Ion Ratio Lower Upper
65 100
67 51.8 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: VN073967.D

Acq: 17 Aug 2022 11:16

Instrument :

MSVOA_N

ClientSampleId :

VN0817WBL01

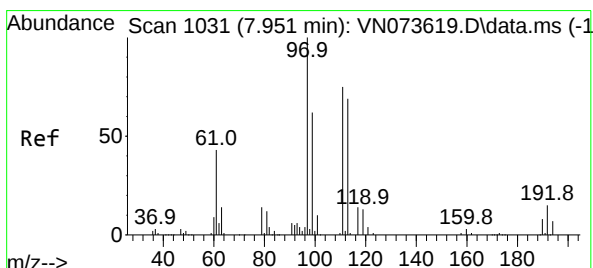
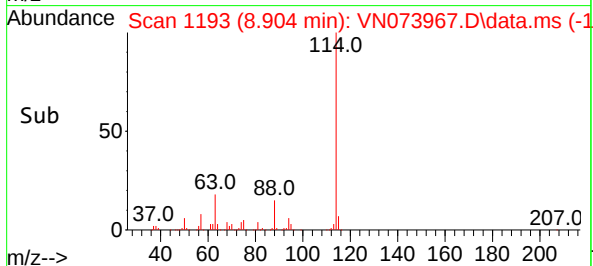
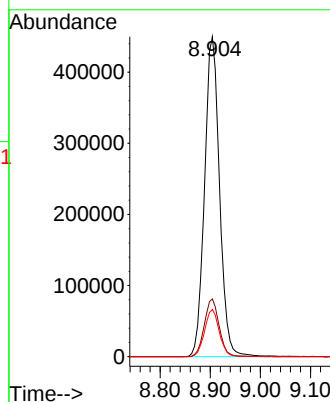
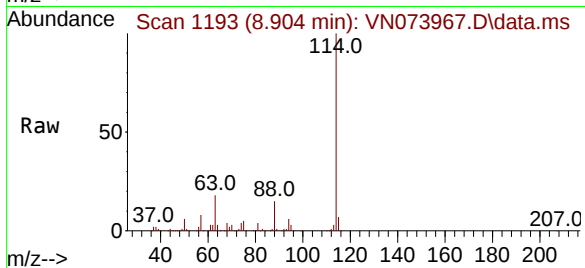
Tgt Ion:114 Resp: 934817

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 56.580 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073967.D

Acq: 17 Aug 2022 11:16

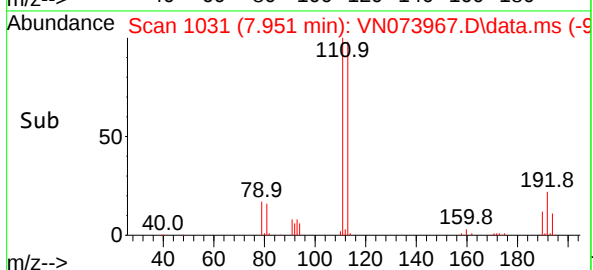
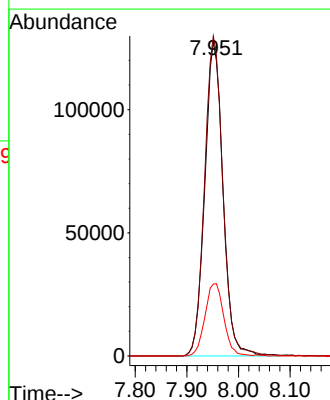
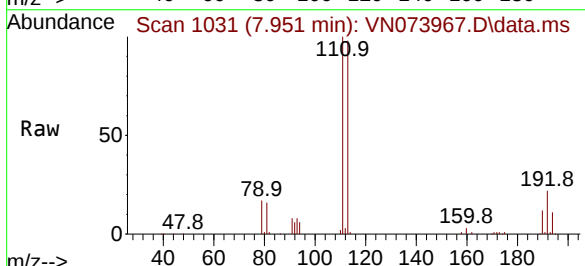
Tgt Ion:113 Resp: 312797

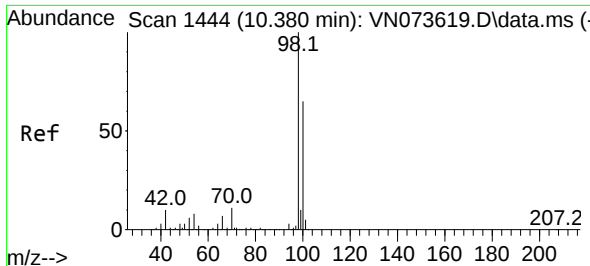
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 23.8 17.0 25.6

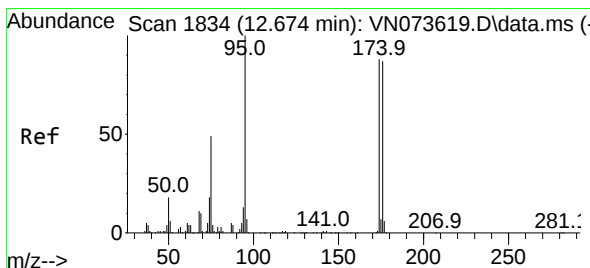
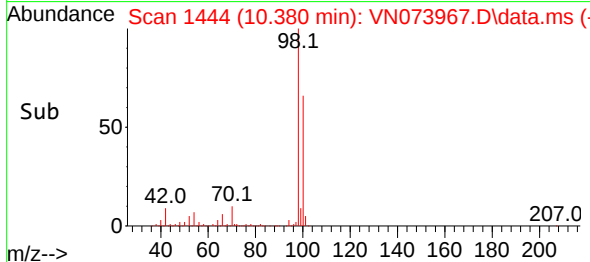
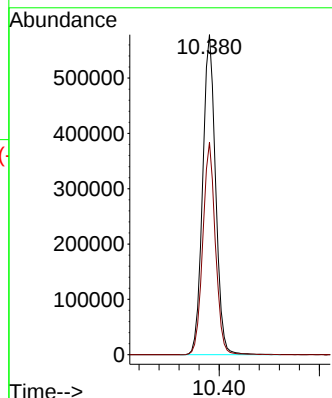
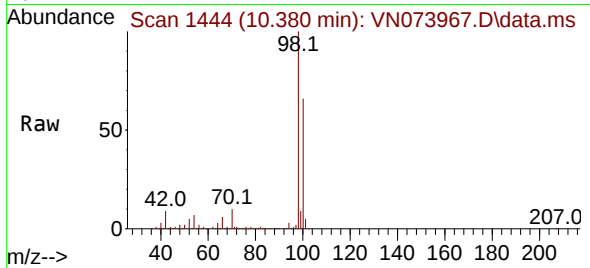




#50
Toluene-d8
Concen: 48.255 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073967.D
Acq: 17 Aug 2022 11:16

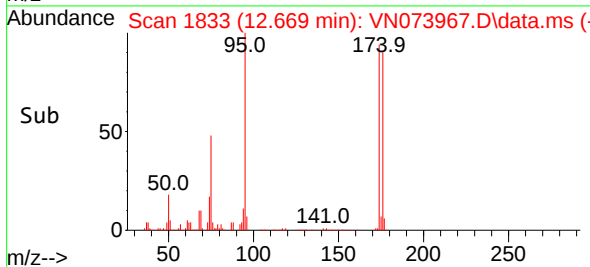
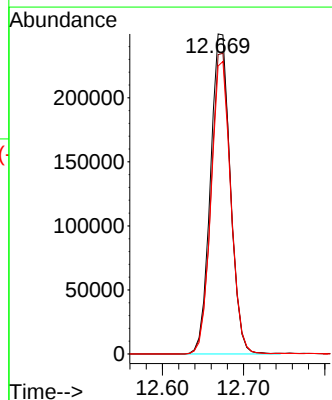
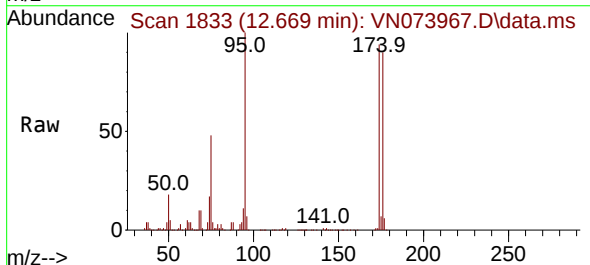
Instrument :
MSVOA_N
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VN0817WBL01

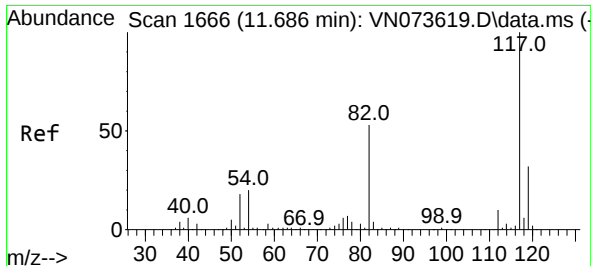
Tgt Ion: 98 Resp: 1033201
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 59.591 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073967.D
Acq: 17 Aug 2022 11:16

Tgt Ion: 95 Resp: 423453
Ion Ratio Lower Upper
95 100
174 93.7 0.0 167.6
176 90.5 0.0 163.4

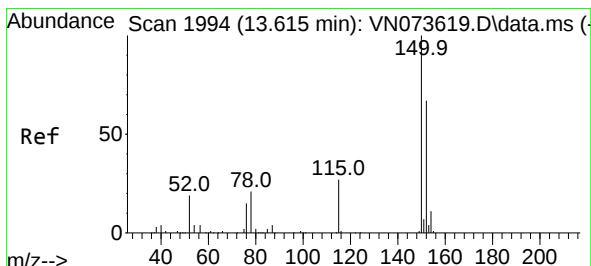
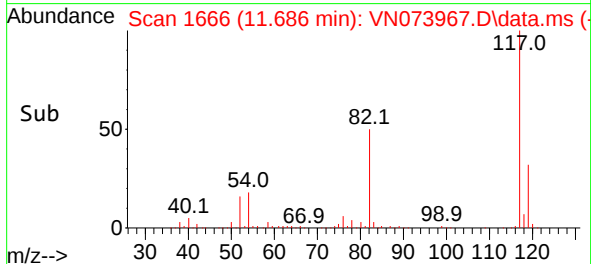
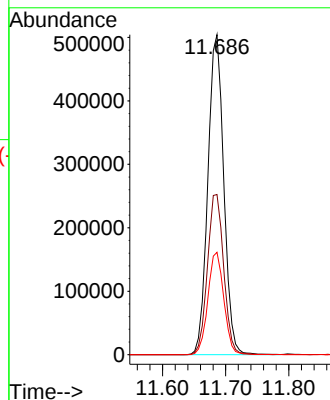
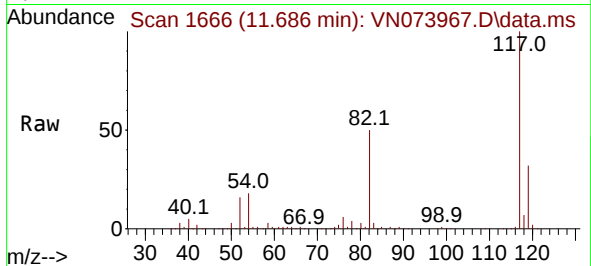




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073967.D
Acq: 17 Aug 2022 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0817WBL01

Tgt Ion:117 Resp: 882300
Ion Ratio Lower Upper
117 100
82 50.0 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN073967.D
Acq: 17 Aug 2022 11:16

Tgt Ion:152 Resp: 464801
Ion Ratio Lower Upper
152 100
115 53.8 28.9 86.7
150 155.3 0.0 356.2

