

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073966.D
 Acq On : 17 Aug 2022 10:52
 Operator : JC\MD
 Sample : VN0817MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0817MBL01

Quant Time: Aug 17 15:30:09 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	683006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	980803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	940569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	515350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	322063	48.413	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.820%
35) Dibromofluoromethane	7.951	113	314371	54.199	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	10.380	98	1026145	45.679	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.360%
62) 4-Bromofluorobenzene	12.668	95	433447	58.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.280%

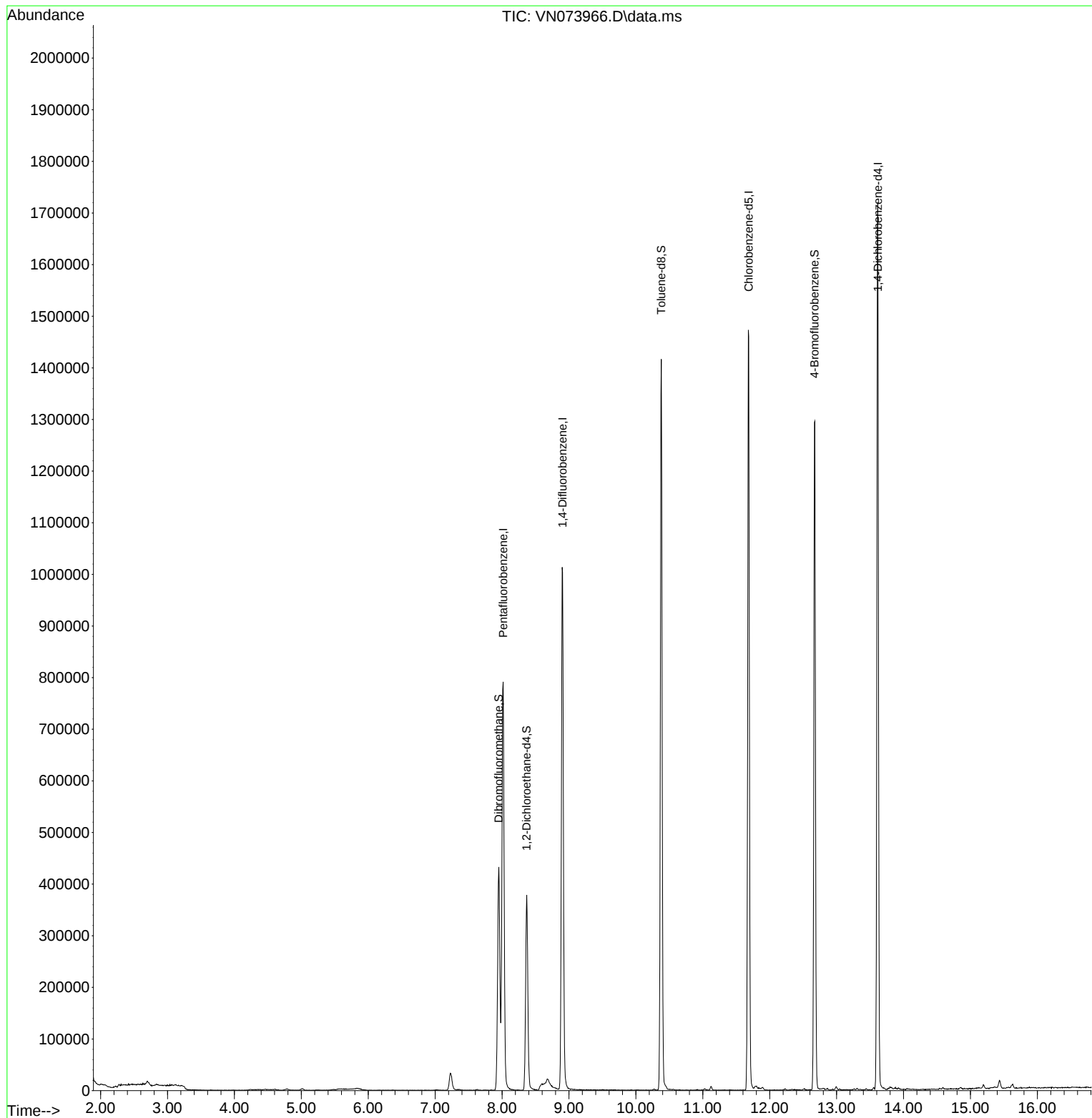
Target Compounds	Qvalue

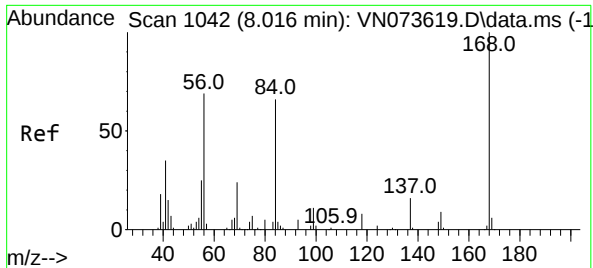
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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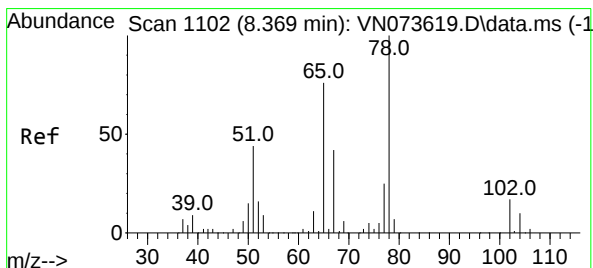
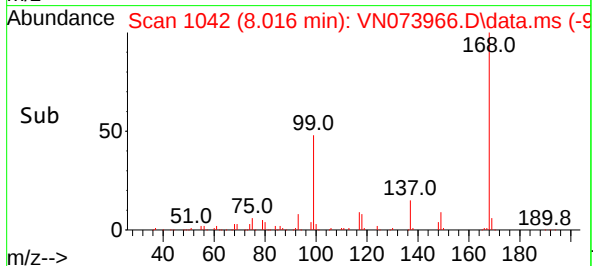
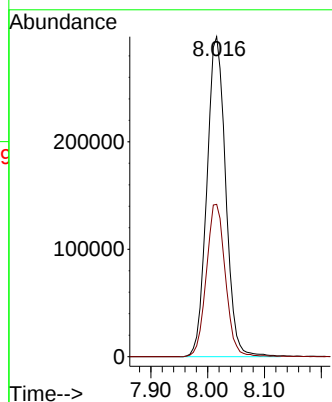
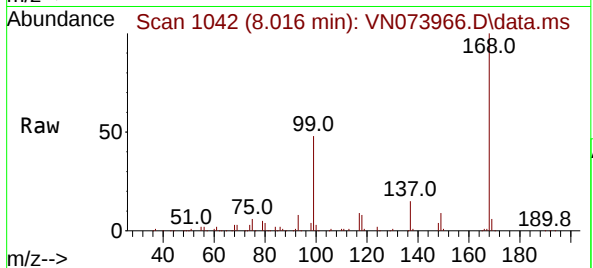




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

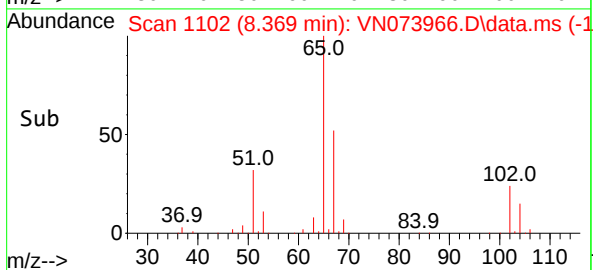
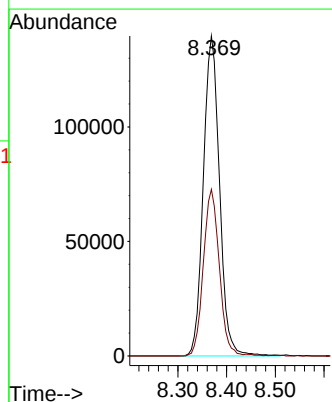
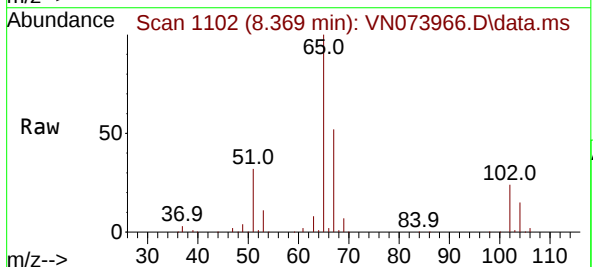
Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

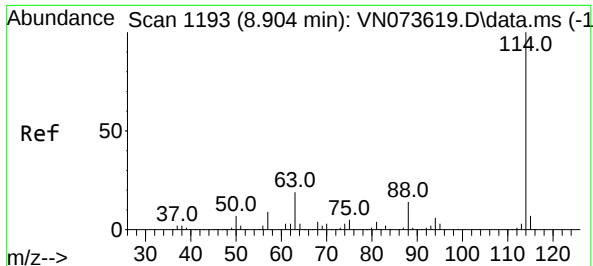
Tgt Ion:168 Resp: 683006
Ion Ratio Lower Upper
168 100
99 47.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.413 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 65 Resp: 322063
Ion Ratio Lower Upper
65 100
67 51.5 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: VN073966.D

Acq: 17 Aug 2022 10:52

Instrument :

MSVOA_N

ClientSampleId :

VN0817MBL01

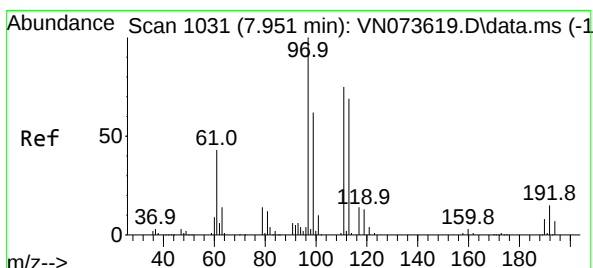
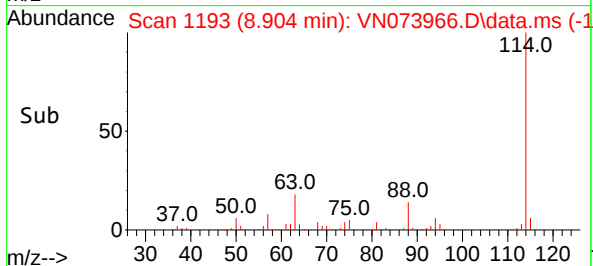
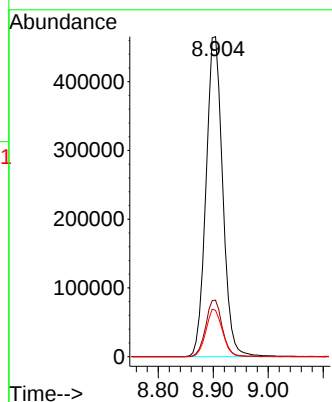
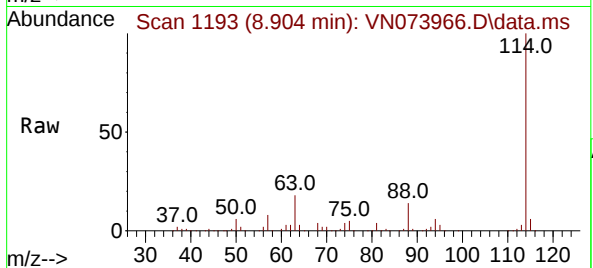
Tgt Ion:114 Resp: 980803

Ion Ratio Lower Upper

114 100

63 17.6 0.0 40.0

88 14.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.199 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073966.D

Acq: 17 Aug 2022 10:52

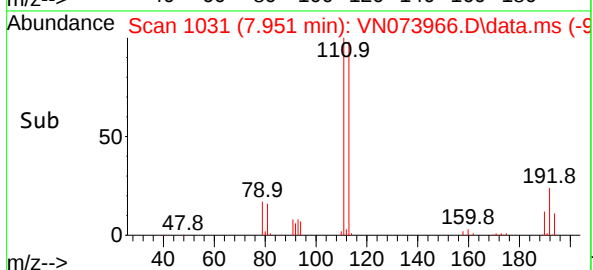
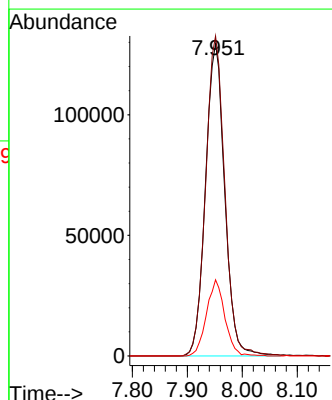
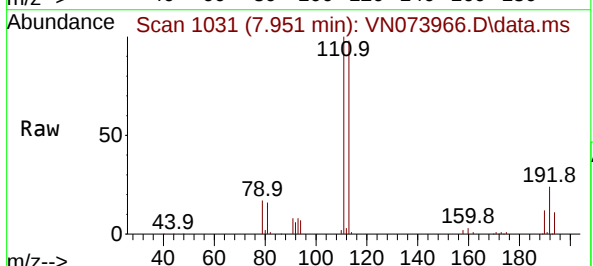
Tgt Ion:113 Resp: 314371

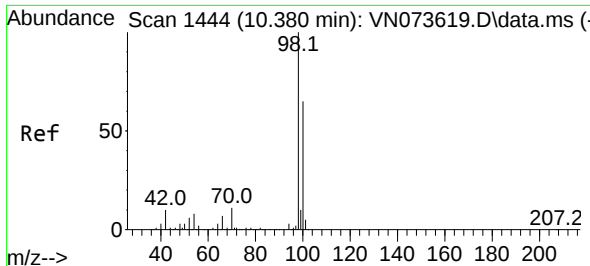
Ion Ratio Lower Upper

113 100

111 102.2 81.4 122.0

192 23.4 17.0 25.6

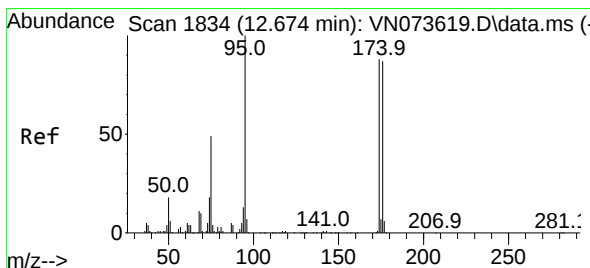
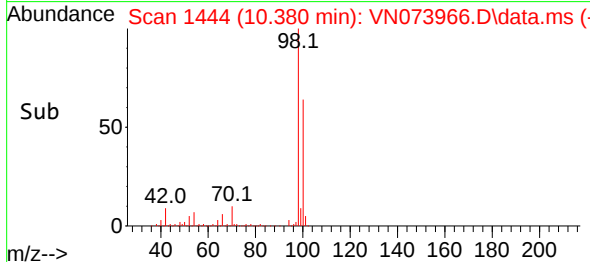
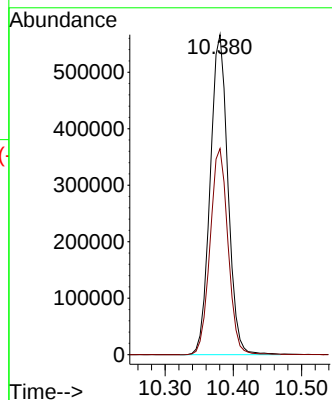
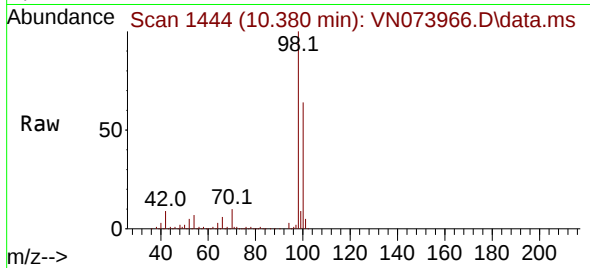




#50
Toluene-d8
Concen: 45.679 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

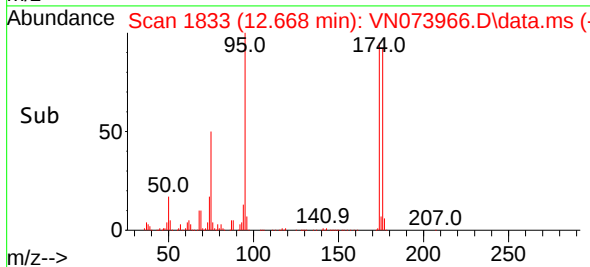
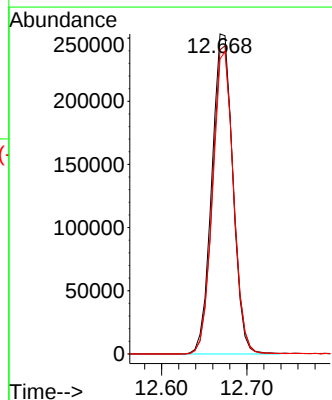
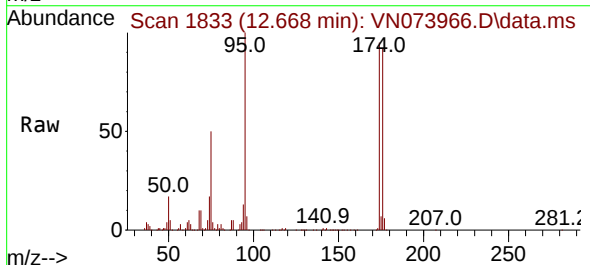
Instrument :
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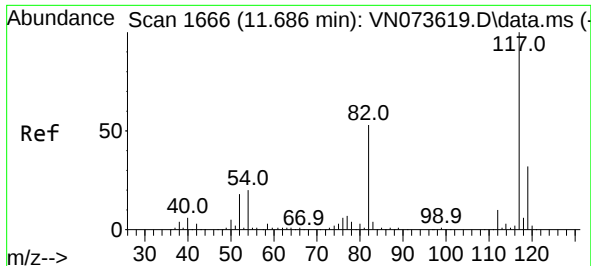
Tgt Ion: 98 Resp: 1026145
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.138 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion: 95 Resp: 433447
Ion Ratio Lower Upper
95 100
174 95.6 0.0 167.6
176 93.0 0.0 163.4

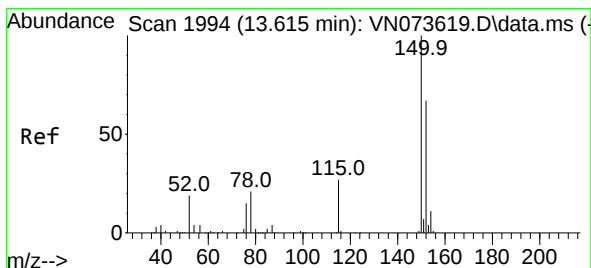
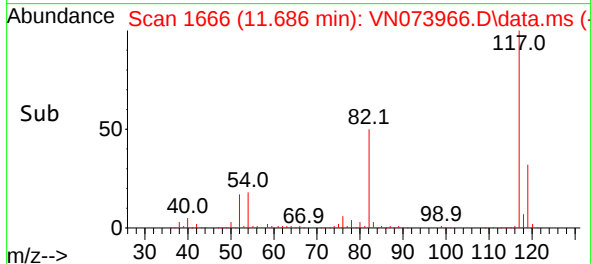
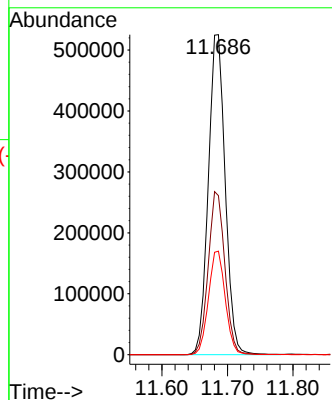
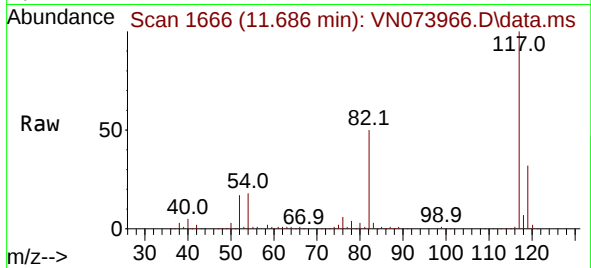




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0817MBL01

Tgt Ion:117 Resp: 940569
Ion Ratio Lower Upper
117 100
82 49.7 44.2 66.2
119 32.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073966.D
Acq: 17 Aug 2022 10:52

Tgt Ion:152 Resp: 515350
Ion Ratio Lower Upper
152 100
115 54.6 28.9 86.7
150 158.1 0.0 356.2

