

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073823.D
 Acq On : 11 Aug 2022 14:24
 Operator : JC\MD
 Sample : N4169-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20220809

Quant Time: Aug 12 06:01:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.022	168	381633	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	596166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	554425	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	257878	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	236838	50.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	7.957	113	222223	59.362	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.720%
50) Toluene-d8	10.380	98	693444	47.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.674	95	248074	48.082	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.160%

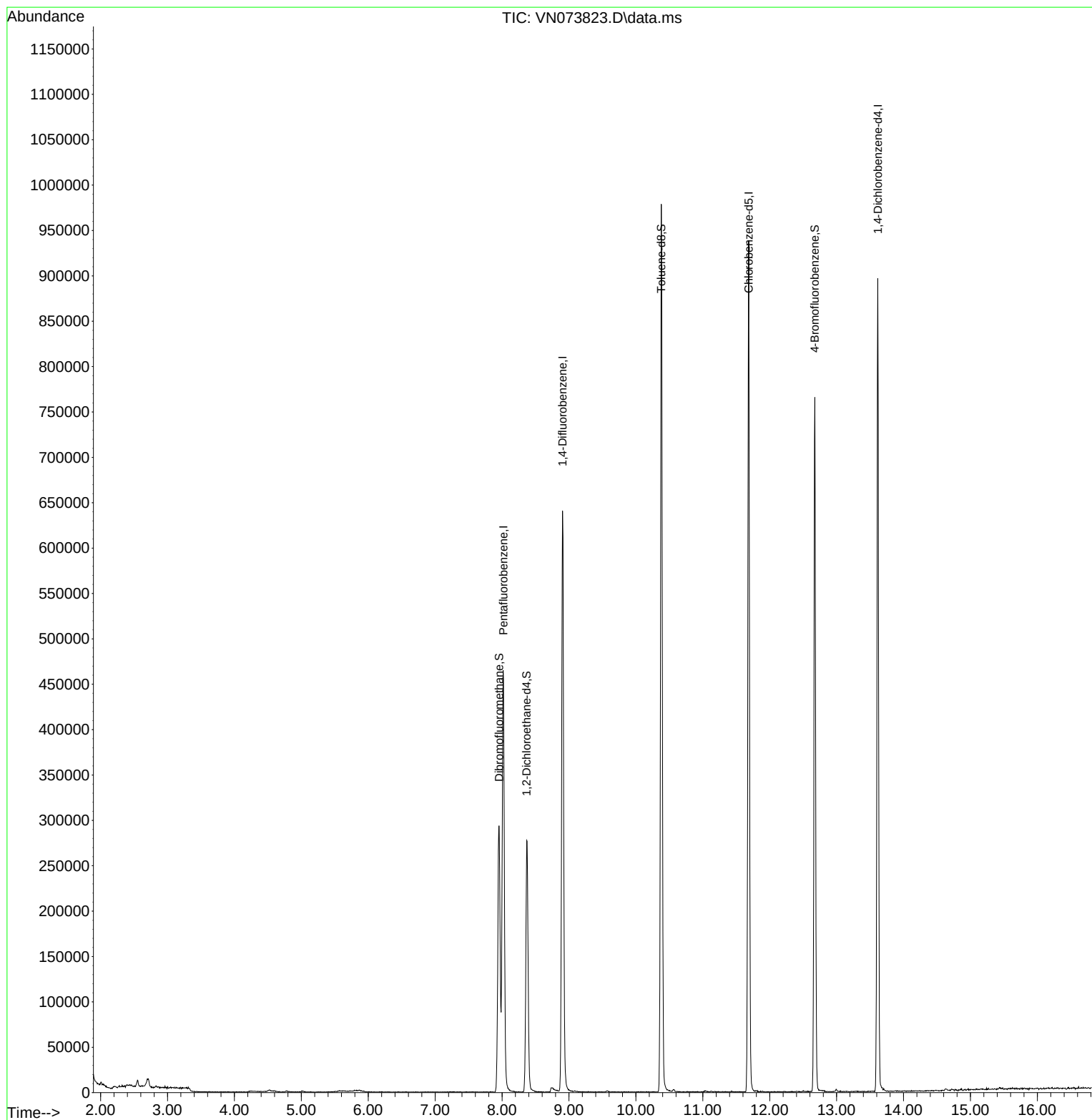
Target Compounds	Qvalue

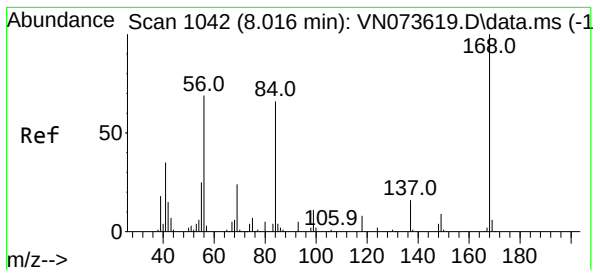
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.022 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073823.D

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Instrument :

MSVOA_N

ClientSampleId :

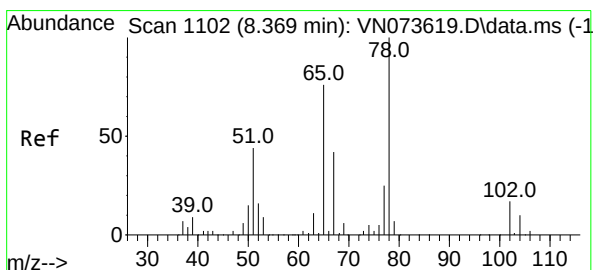
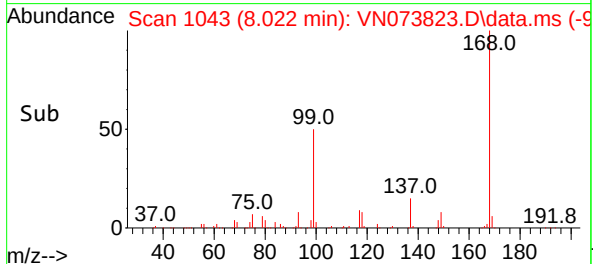
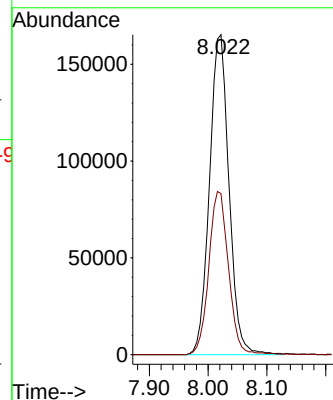
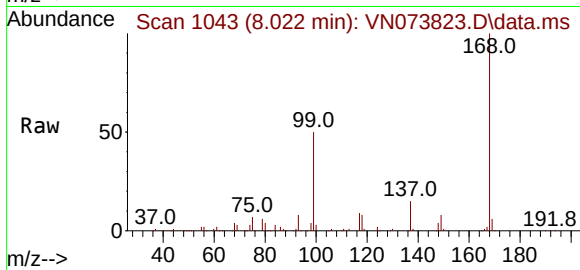
DUP01-20220809

Tgt Ion:168 Resp: 381633

Ion Ratio Lower Upper

168 100

99 50.3 42.3 63.5



#33

1,2-Dichloroethane-d4

Concen: 50.924 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073823.D

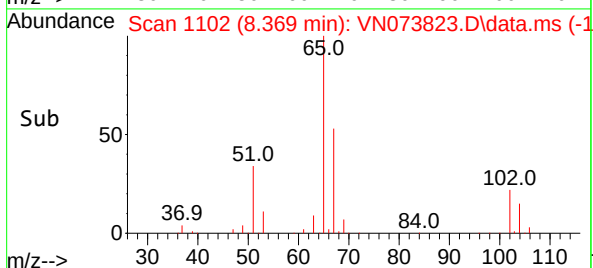
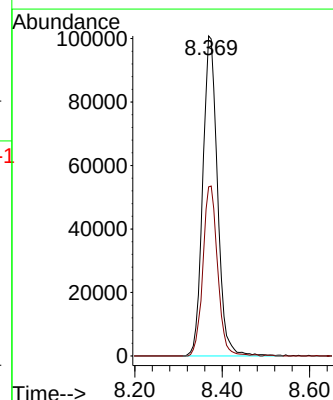
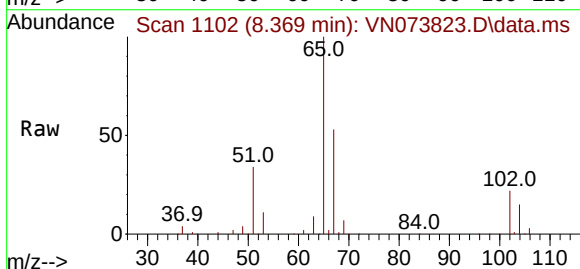
Acq: 11 Aug 2022 14:24

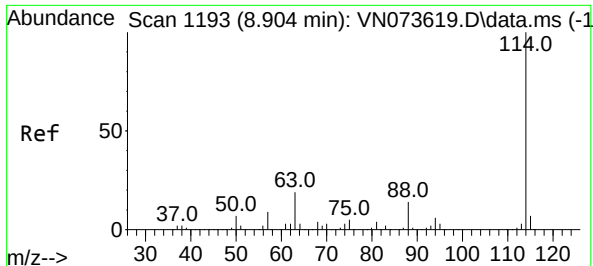
Tgt Ion: 65 Resp: 236838

Ion Ratio Lower Upper

65 100

67 52.8 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: VN073823.D

Acq: 11 Aug 2022 14:24

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20220809

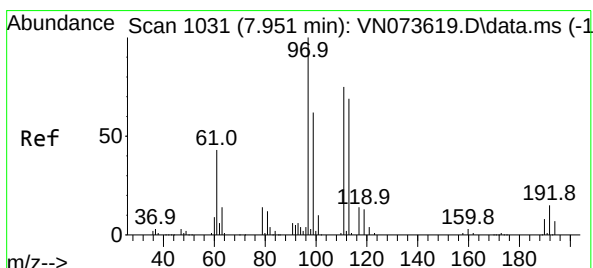
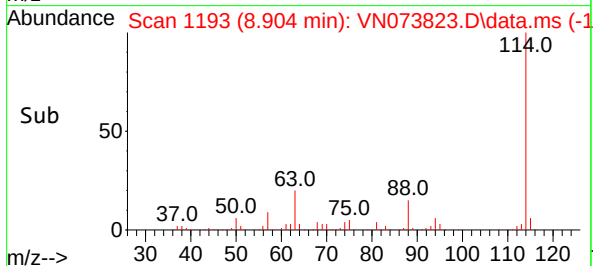
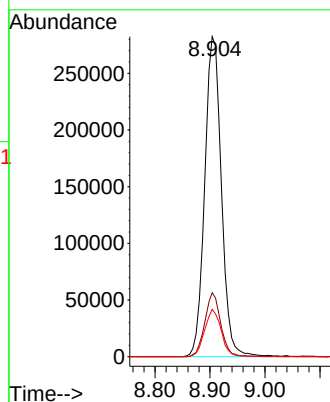
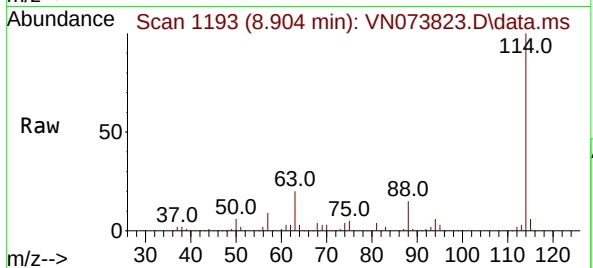
Tgt Ion:114 Resp: 596166

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 14.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 59.362 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073823.D

Acq: 11 Aug 2022 14:24

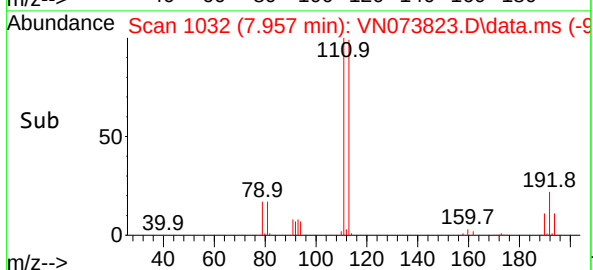
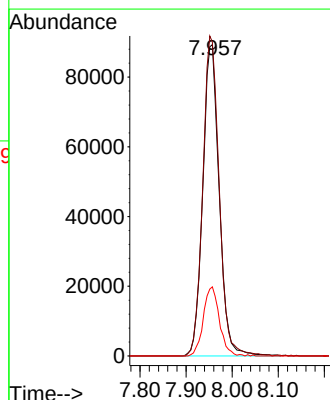
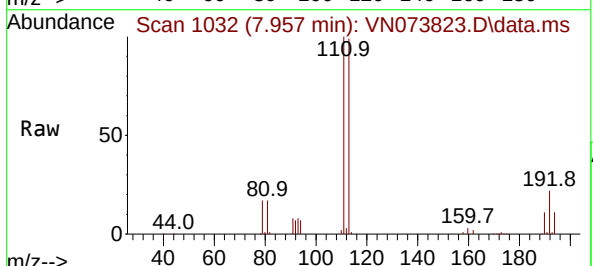
Tgt Ion:113 Resp: 222223

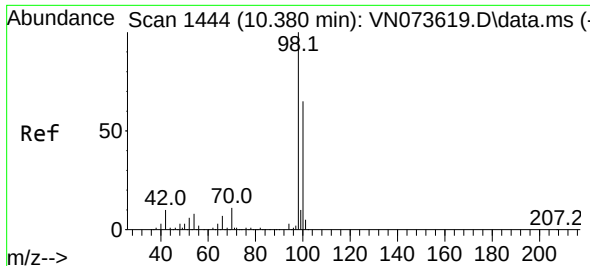
Ion Ratio Lower Upper

113 100

111 102.7 81.4 122.0

192 21.7 17.0 25.6

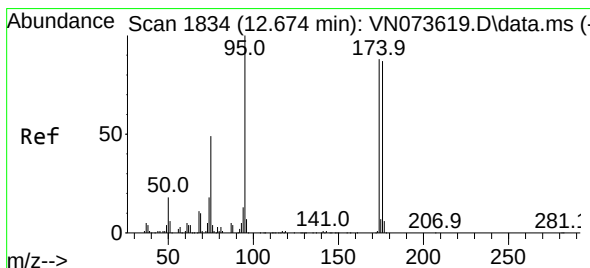
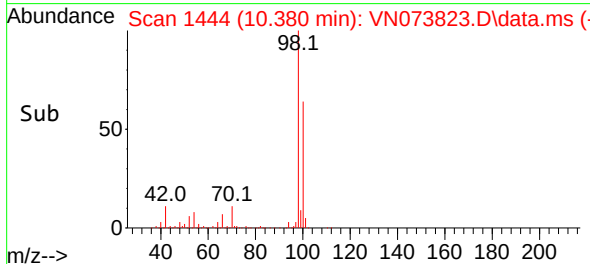
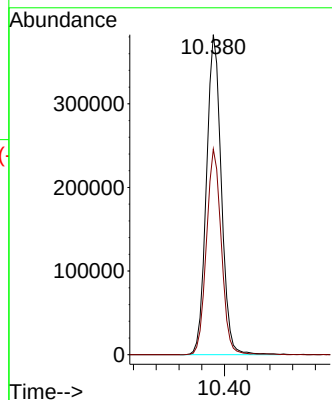
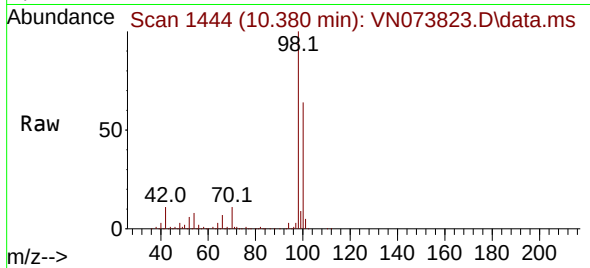




#50
Toluene-d8
Concen: 47.073 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

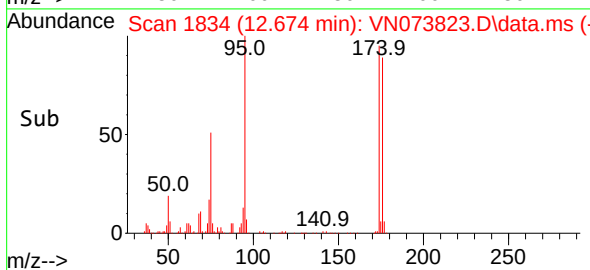
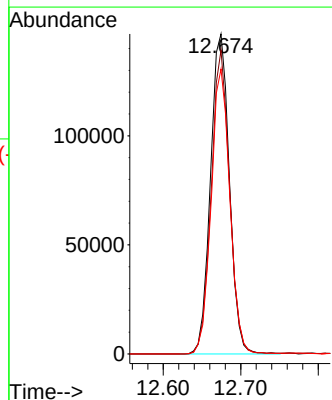
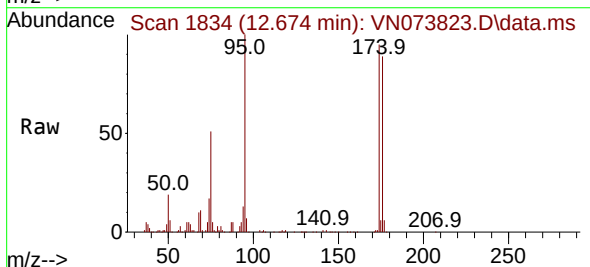
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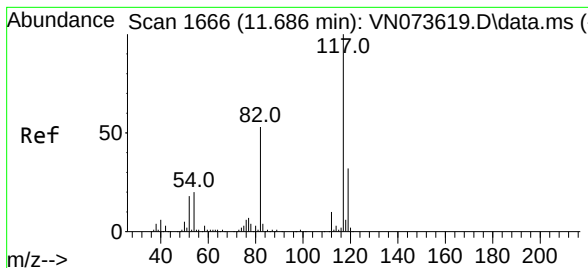
Tgt Ion: 98 Resp: 693444
Ion Ratio Lower Upper
98 100
100 64.1 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.082 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion: 95 Resp: 248074
Ion Ratio Lower Upper
95 100
174 92.2 0.0 167.6
176 88.4 0.0 163.4

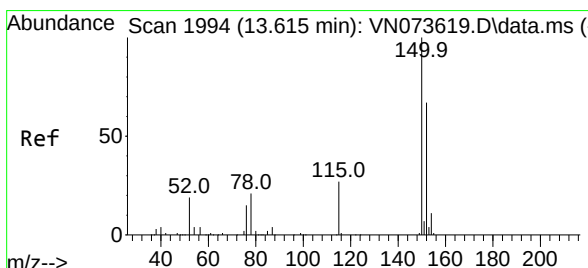
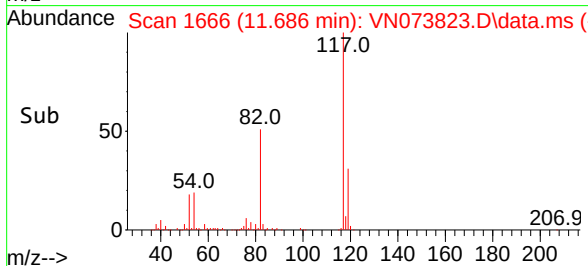
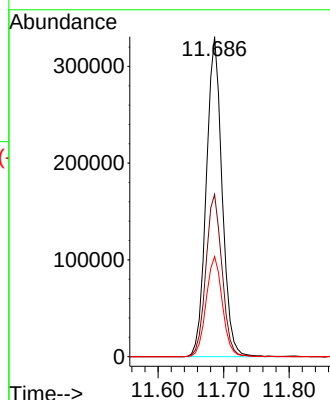
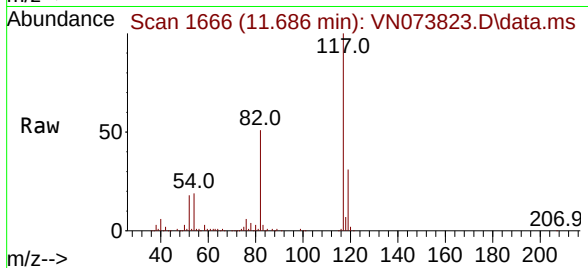




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Instrument :
MSVOA_N
ClientSampleId :
DUP01-20220809

Tgt Ion:117 Resp: 554425
Ion Ratio Lower Upper
117 100
82 50.7 44.2 66.2
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN073823.D
Acq: 11 Aug 2022 14:24

Tgt Ion:152 Resp: 257878
Ion Ratio Lower Upper
152 100
115 56.0 28.9 86.7
150 155.5 0.0 356.2

