

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074526.D
 Acq On : 16 Sep 2022 22:29
 Operator : JC\MD
 Sample : VN0916WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916WBL02

Quant Time: Sep 16 22:55:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091522W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 19:20:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	306398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	601987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	591429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	254668	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	248437	47.788	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.580%
35) Dibromofluoromethane	7.951	113	195060	48.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	10.381	98	737287	47.674	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.674	95	284727	53.755	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.500%

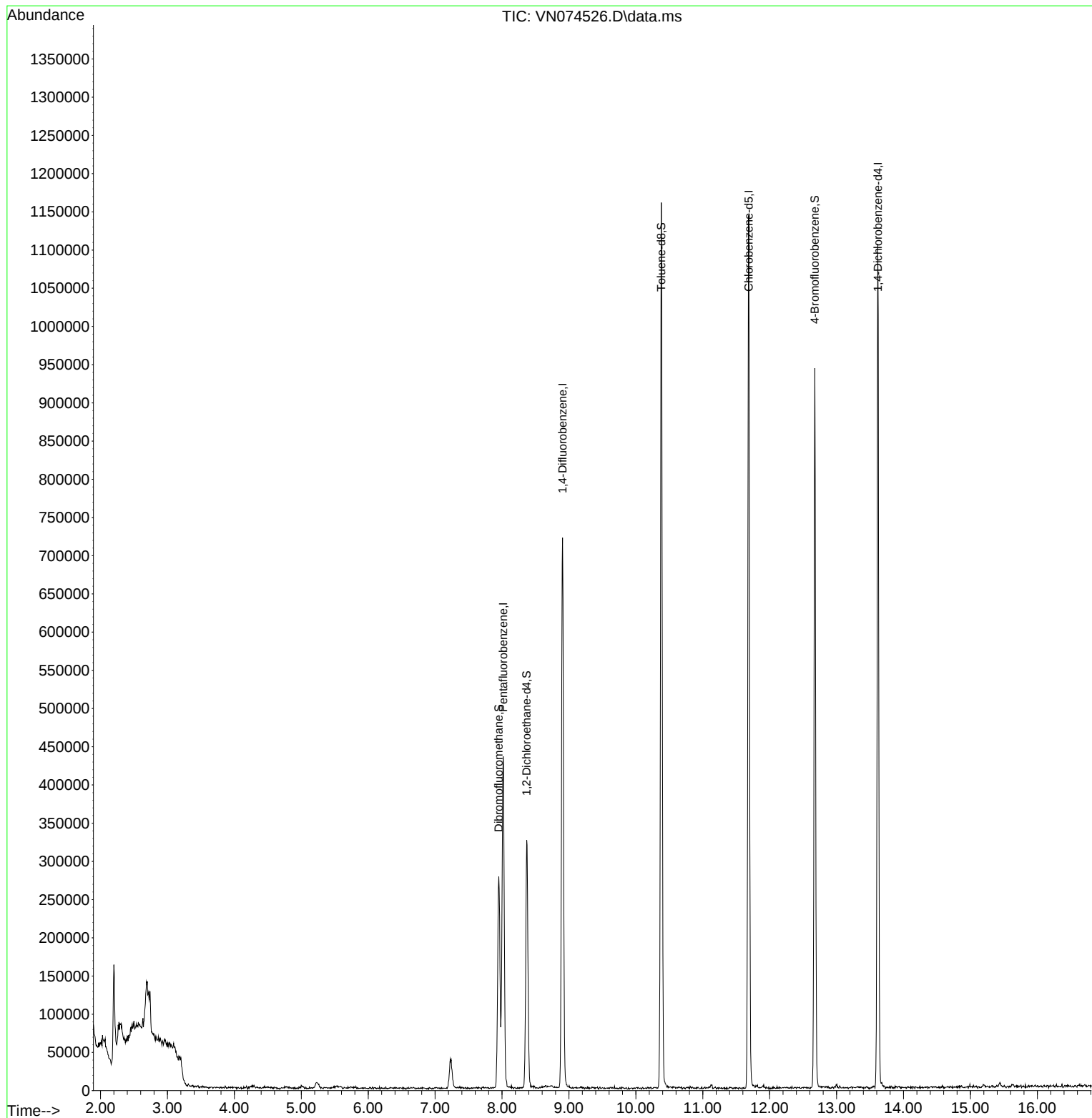
Target Compounds	Qvalue

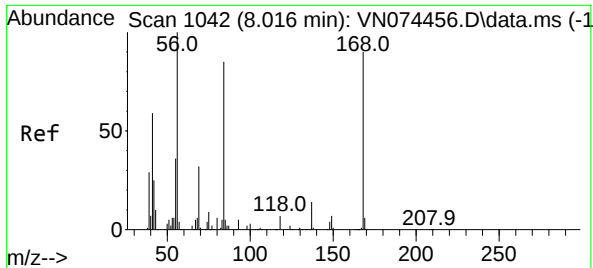
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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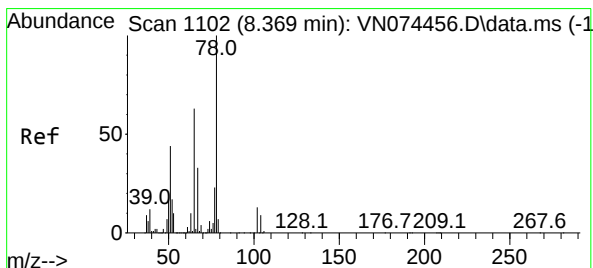
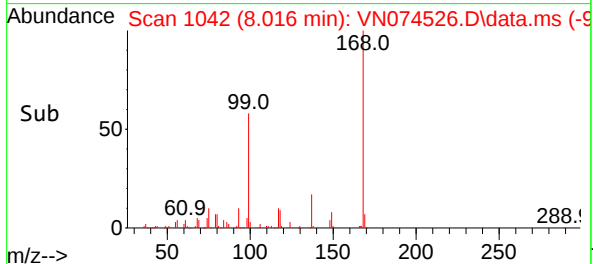
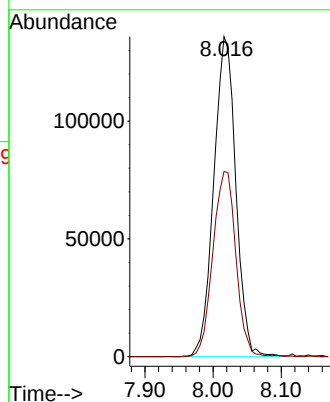
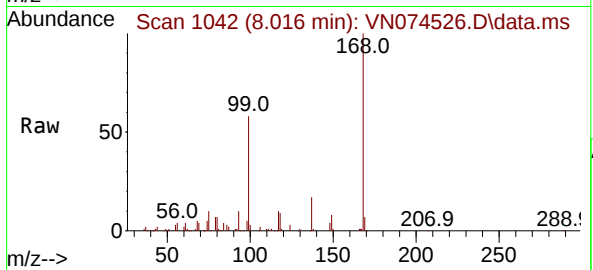




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074526.D
Acq: 16 Sep 2022 22:29

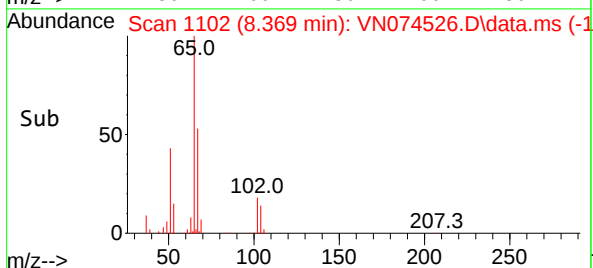
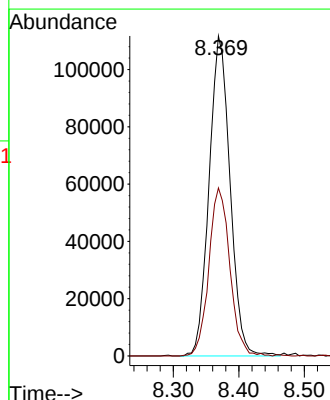
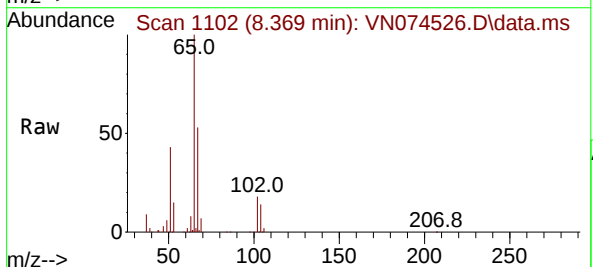
Instrument :
MSVOA_N
ClientSampleId :
VN0916WBL02

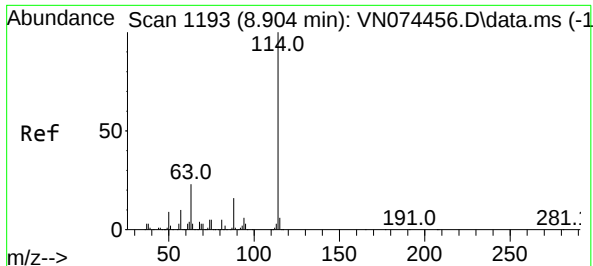
Tgt Ion:168 Resp: 306398
Ion Ratio Lower Upper
168 100
99 57.9 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.788 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074526.D
Acq: 16 Sep 2022 22:29

Tgt Ion: 65 Resp: 248437
Ion Ratio Lower Upper
65 100
67 52.4 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: VN074526.D

Acq: 16 Sep 2022 22:29

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL02

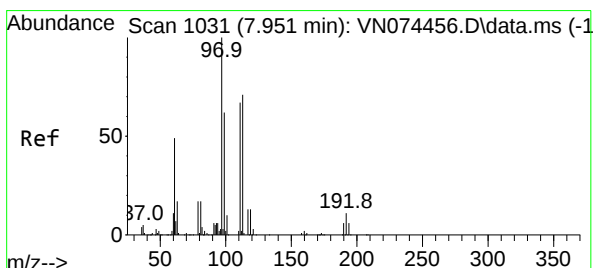
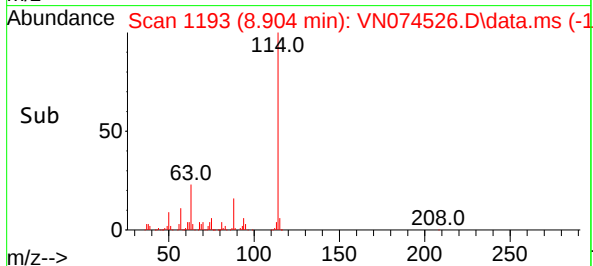
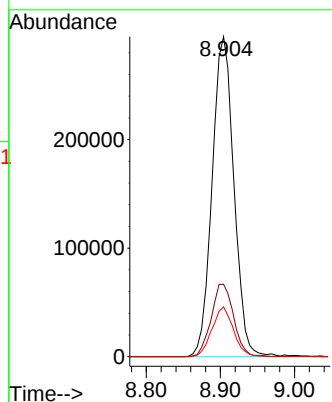
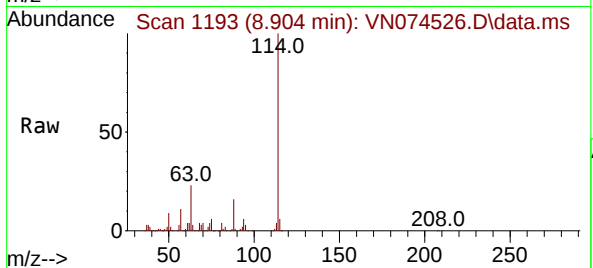
Tgt Ion:114 Resp: 601987

Ion Ratio Lower Upper

114 100

63 22.7 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.779 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074526.D

Acq: 16 Sep 2022 22:29

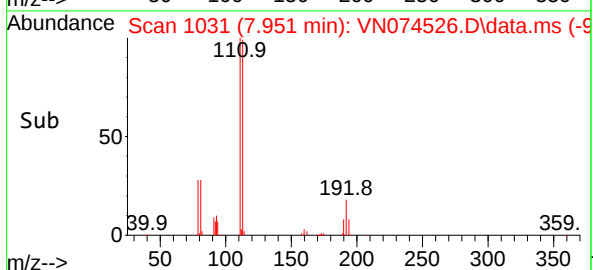
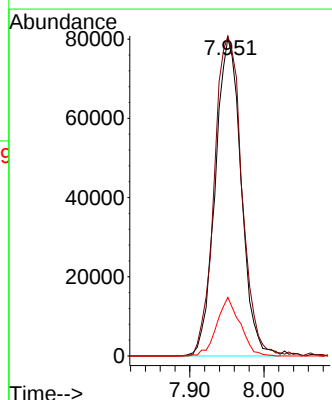
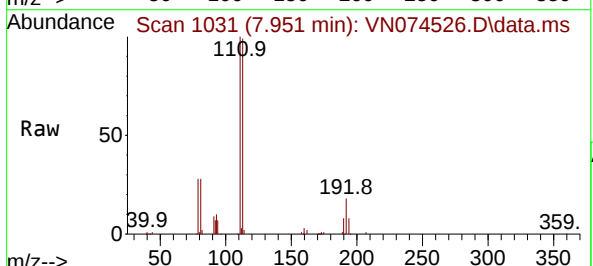
Tgt Ion:113 Resp: 195060

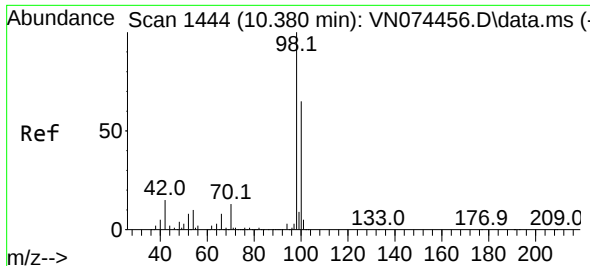
Ion Ratio Lower Upper

113 100

111 106.7 81.4 122.0

192 16.5 17.0 25.6#

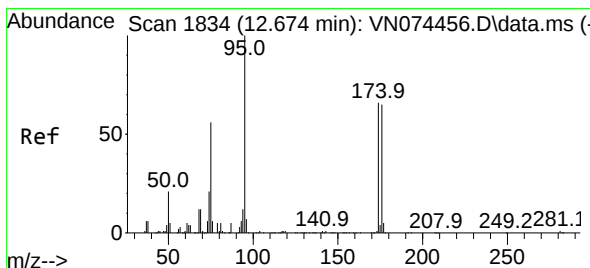
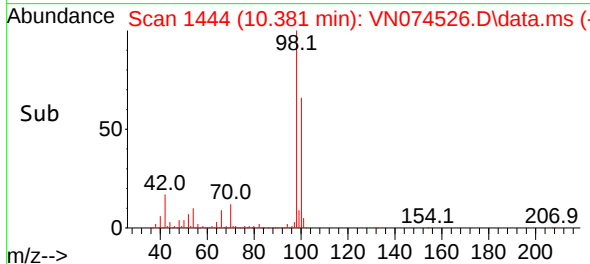
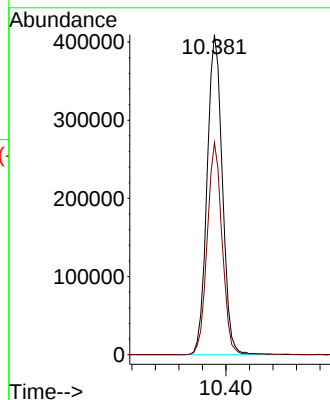
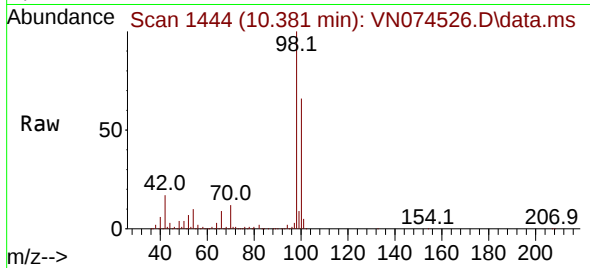




#50
Toluene-d8
Concen: 47.674 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074526.D
Acq: 16 Sep 2022 22:29

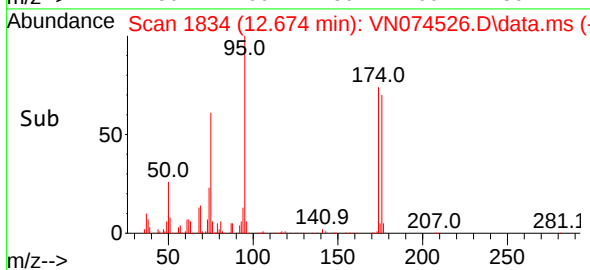
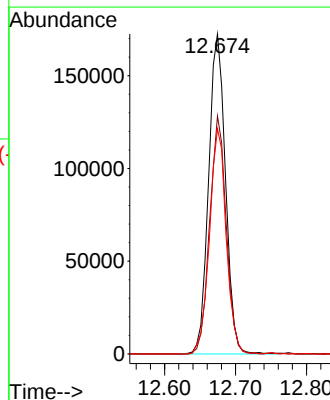
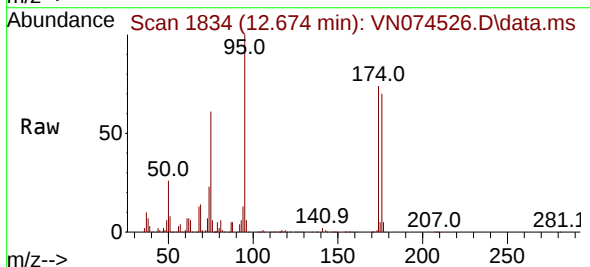
Instrument :
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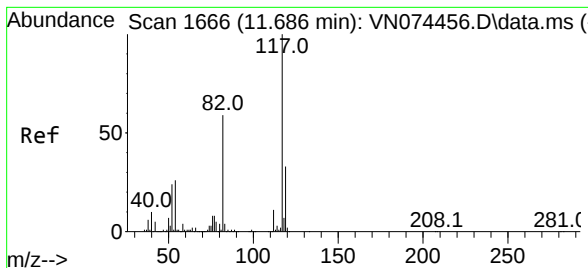
Tgt Ion: 98 Resp: 737287
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 53.755 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074526.D
Acq: 16 Sep 2022 22:29

Tgt Ion: 95 Resp: 284727
Ion Ratio Lower Upper
95 100
174 73.1 0.0 167.6
176 69.5 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN074526.D

Acq: 16 Sep 2022 22:29

Instrument :

MSVOA_N

ClientSampleId :

VN0916WBL02

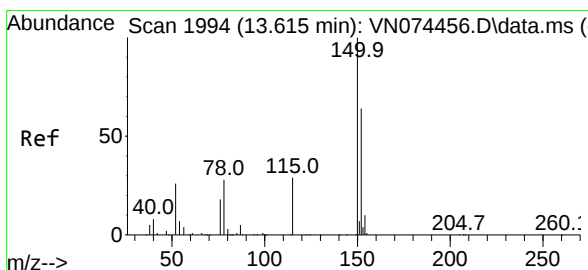
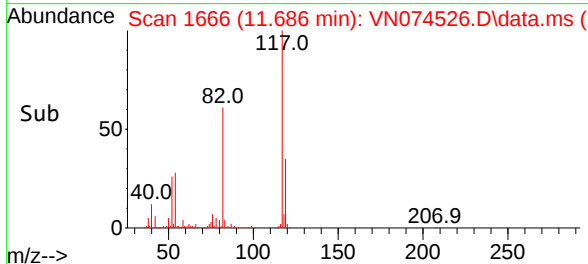
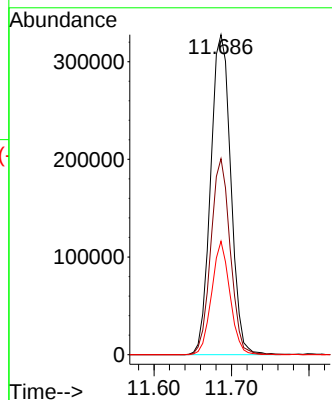
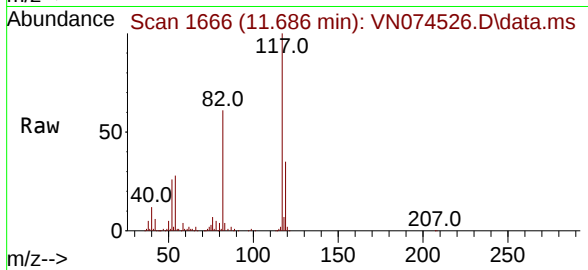
Tgt Ion:117 Resp: 591429

Ion Ratio Lower Upper

117 100

82 61.3 44.2 66.2

119 35.4 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: VN074526.D

Acq: 16 Sep 2022 22:29

Tgt Ion:152 Resp: 254668

Ion Ratio Lower Upper

152 100

115 62.1 28.9 86.7

150 159.0 0.0 356.2

