

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074520.D
 Acq On : 16 Sep 2022 19:15
 Operator : JC\MD
 Sample : N4628-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HW-8

Quant Time: Sep 16 22:35:27 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	309848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	597531	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	593684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	265423	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	251926	47.919	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.840%
35) Dibromofluoromethane	7.957	113	200247	50.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.900%
50) Toluene-d8	10.381	98	740375	48.231	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.460%
62) 4-Bromofluorobenzene	12.674	95	287171	54.621	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.240%

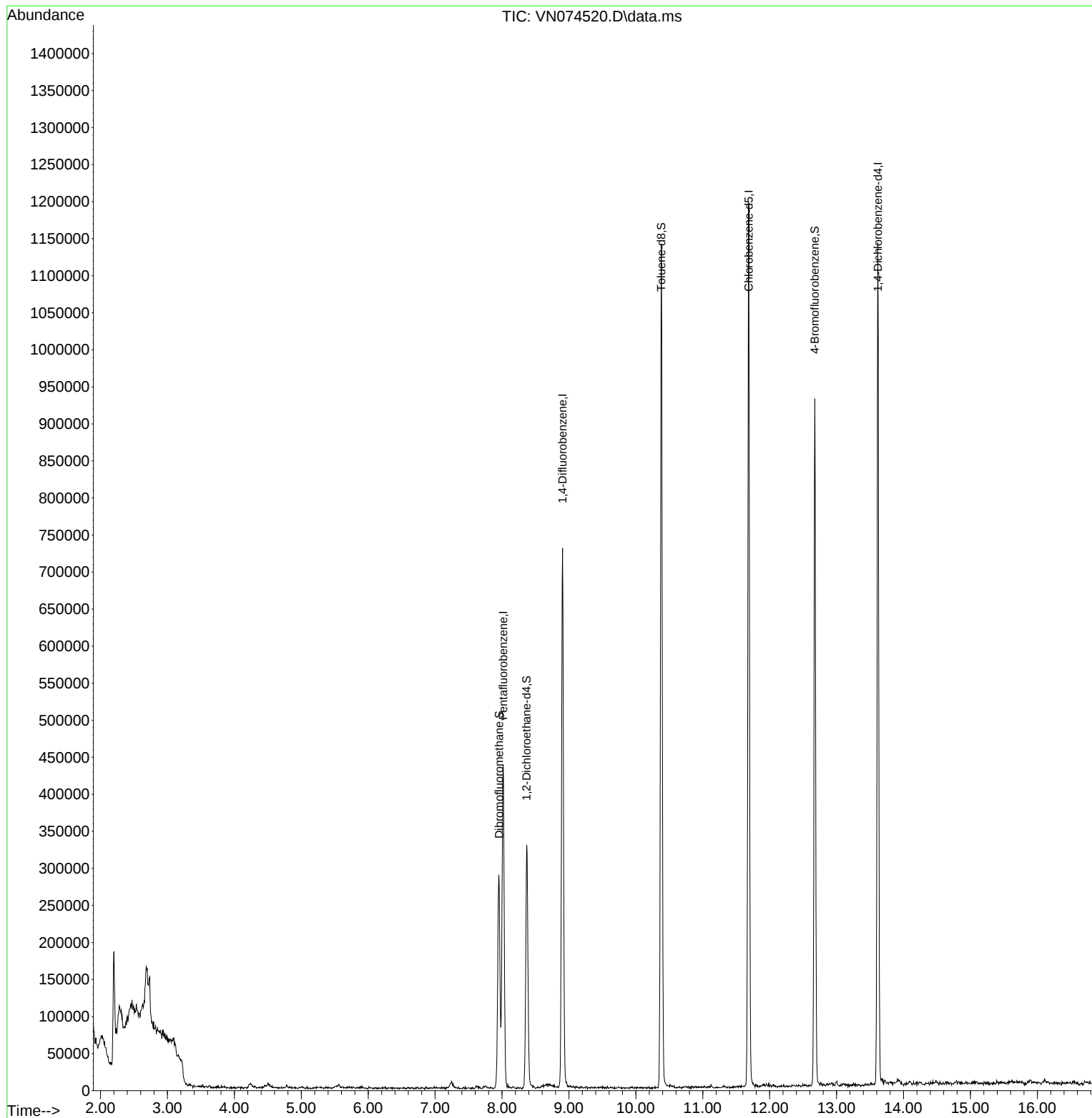
Target Compounds	Qvalue

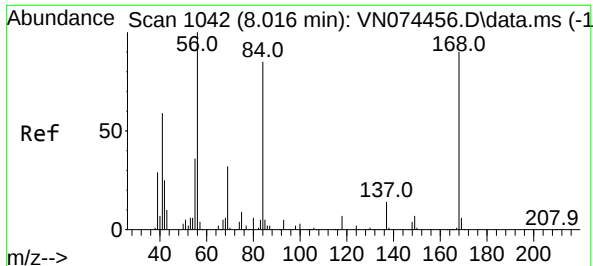
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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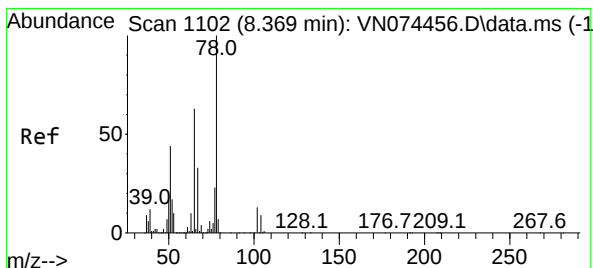
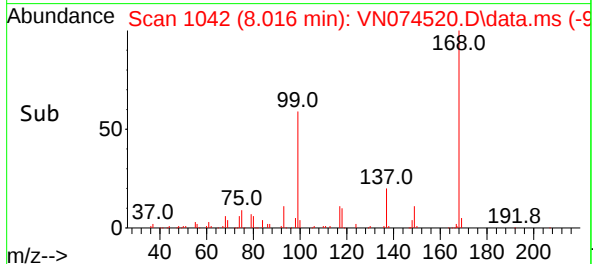
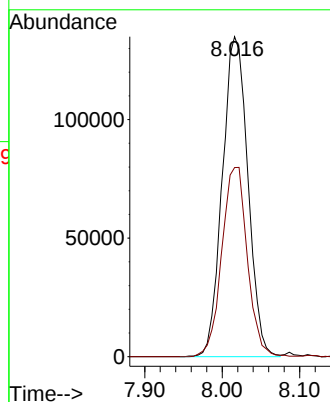
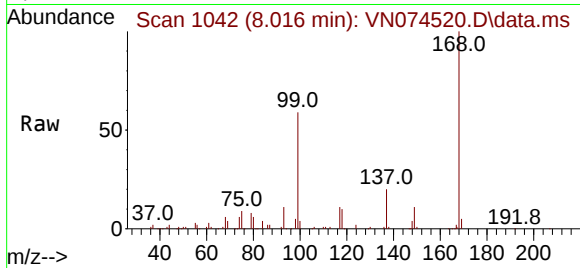




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074520.D
Acq: 16 Sep 2022 19:15

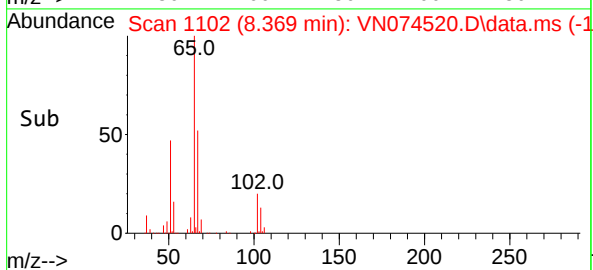
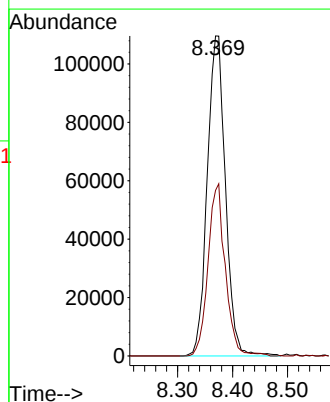
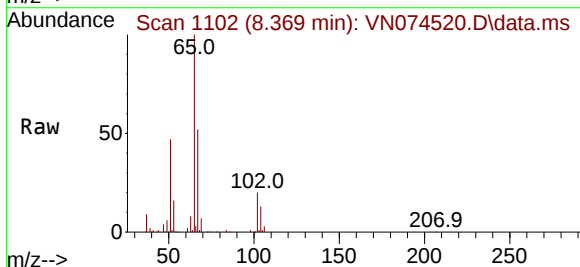
Instrument :
MSVOA_N
ClientSampleId :
HW-8

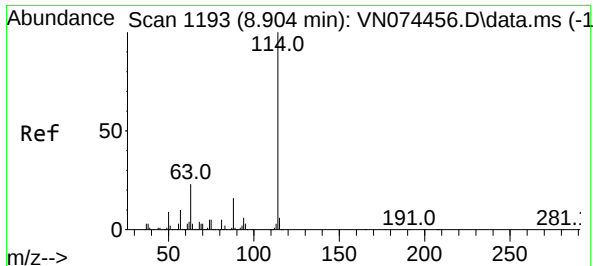
Tgt Ion:168 Resp: 309848
Ion Ratio Lower Upper
168 100
99 59.1 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 47.919 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074520.D
Acq: 16 Sep 2022 19:15

Tgt Ion: 65 Resp: 251926
Ion Ratio Lower Upper
65 100
67 51.2 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: VN074520.D

Acq: 16 Sep 2022 19:15

Instrument :

MSVOA_N

ClientSampleId :

HW-8

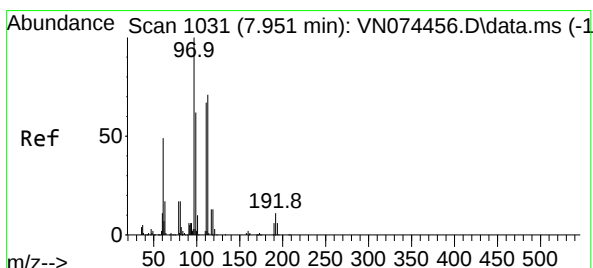
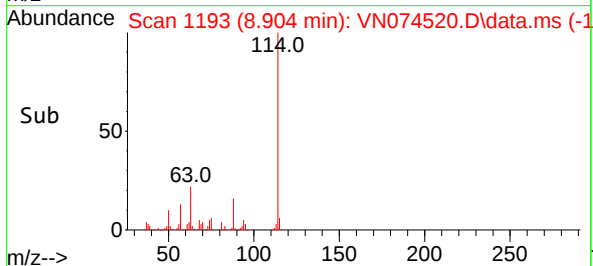
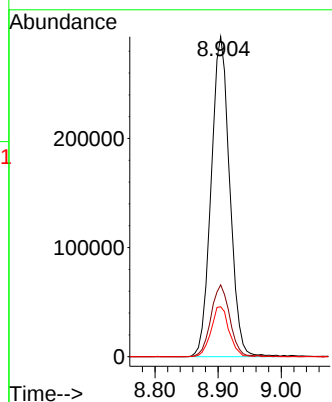
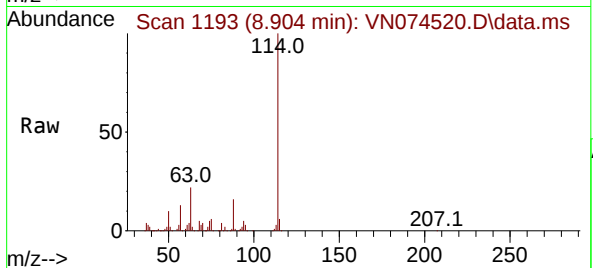
Tgt Ion:114 Resp: 597531

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.449 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074520.D

Acq: 16 Sep 2022 19:15

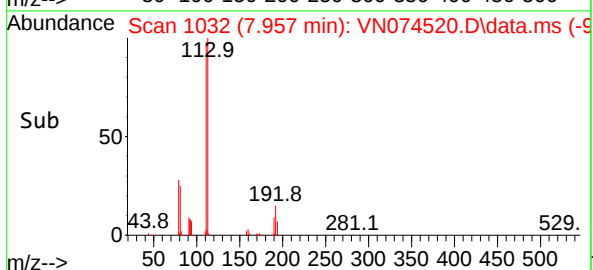
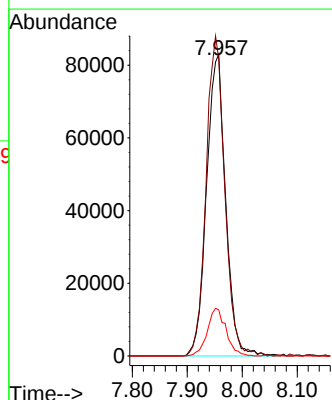
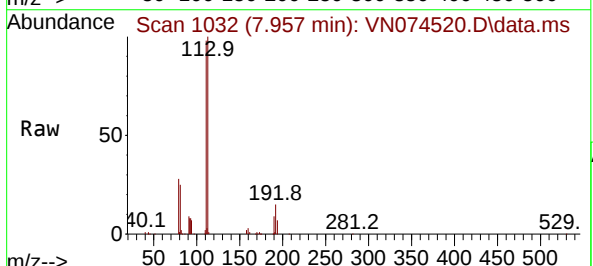
Tgt Ion:113 Resp: 200247

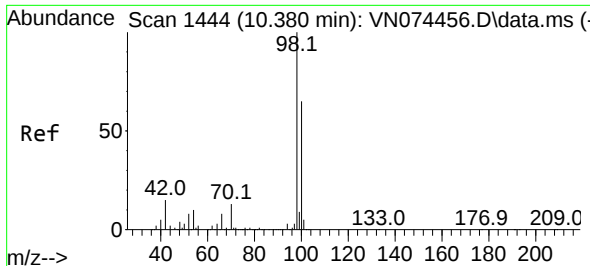
Ion Ratio Lower Upper

113 100

111 103.6 81.4 122.0

192 15.5 17.0 25.6#

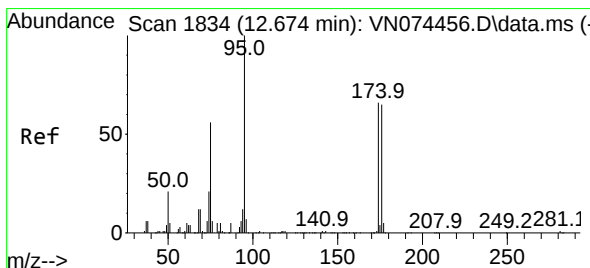
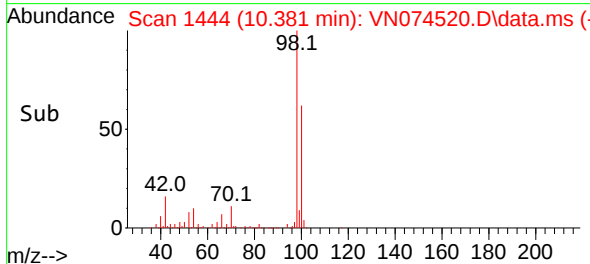
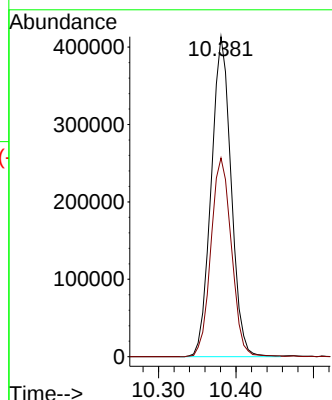
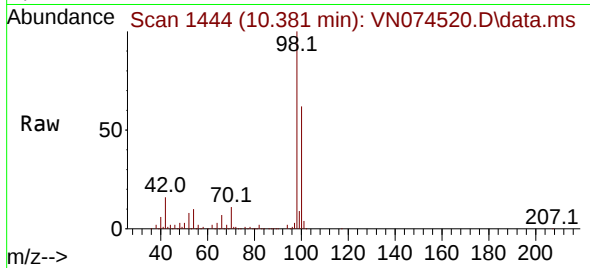




#50
Toluene-d8
Concen: 48.231 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074520.D
Acq: 16 Sep 2022 19:15

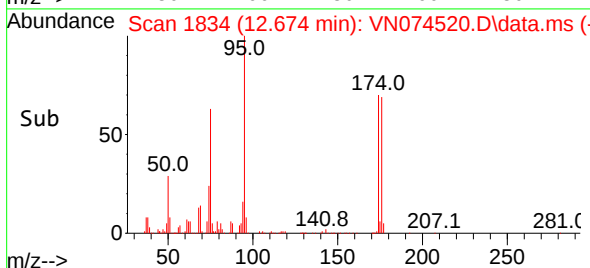
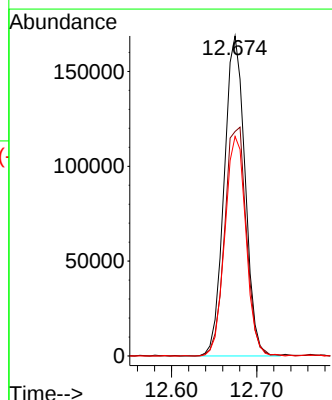
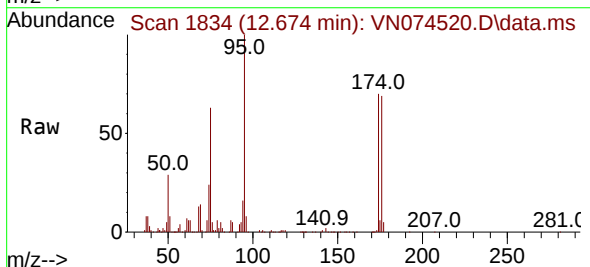
Instrument :
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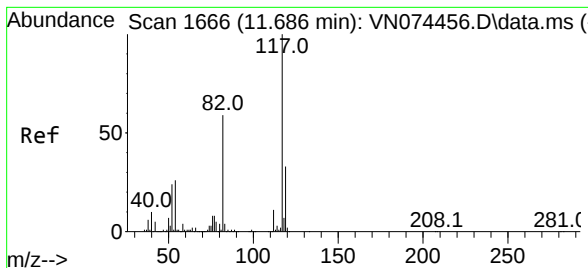
Tgt Ion: 98 Resp: 740375
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.621 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074520.D
Acq: 16 Sep 2022 19:15

Tgt Ion: 95 Resp: 287171
Ion Ratio Lower Upper
95 100
174 74.9 0.0 167.6
176 69.4 0.0 163.4

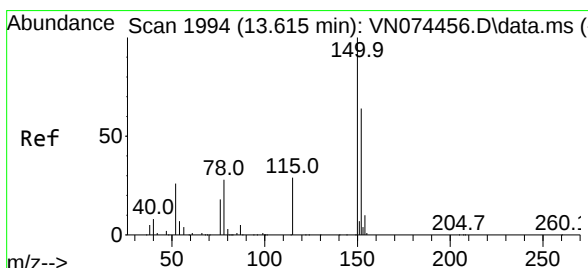
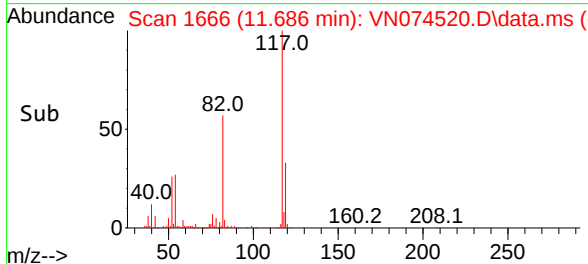
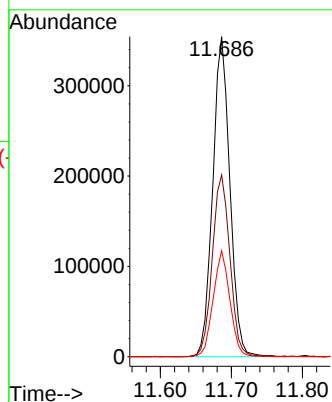
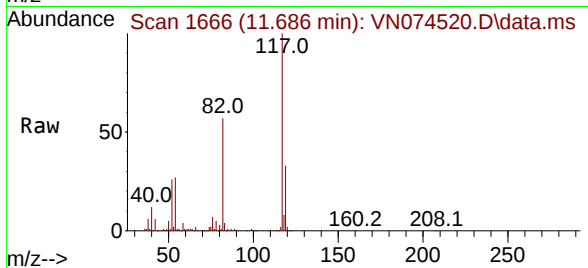




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1666
Delta R.T. 0.000 min
Lab File: VN074520.D
Acq: 16 Sep 2022 19:15

Instrument :
MSVOA_N
ClientSampleId :
HW-8

Tgt Ion:117 Resp: 593684
Ion Ratio Lower Upper
117 100
82 56.8 44.2 66.2
119 33.1 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: VN074520.D
Acq: 16 Sep 2022 19:15

Tgt Ion:152 Resp: 265423
Ion Ratio Lower Upper
152 100
115 62.4 28.9 86.7
150 156.9 0.0 356.2

