

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091222\
 Data File : VN074405.D
 Acq On : 12 Sep 2022 11:34
 Operator : JC\MD
 Sample : VN0912WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBL01

Quant Time: Sep 13 05:53:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 06:10:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	329114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	566722	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	569141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	260984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	250096	43.921	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.840%
35) Dibromofluoromethane	7.957	113	204580	53.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.940%
50) Toluene-d8	10.380	98	694533	46.589	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.180%
62) 4-Bromofluorobenzene	12.674	95	280518	51.829	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.660%

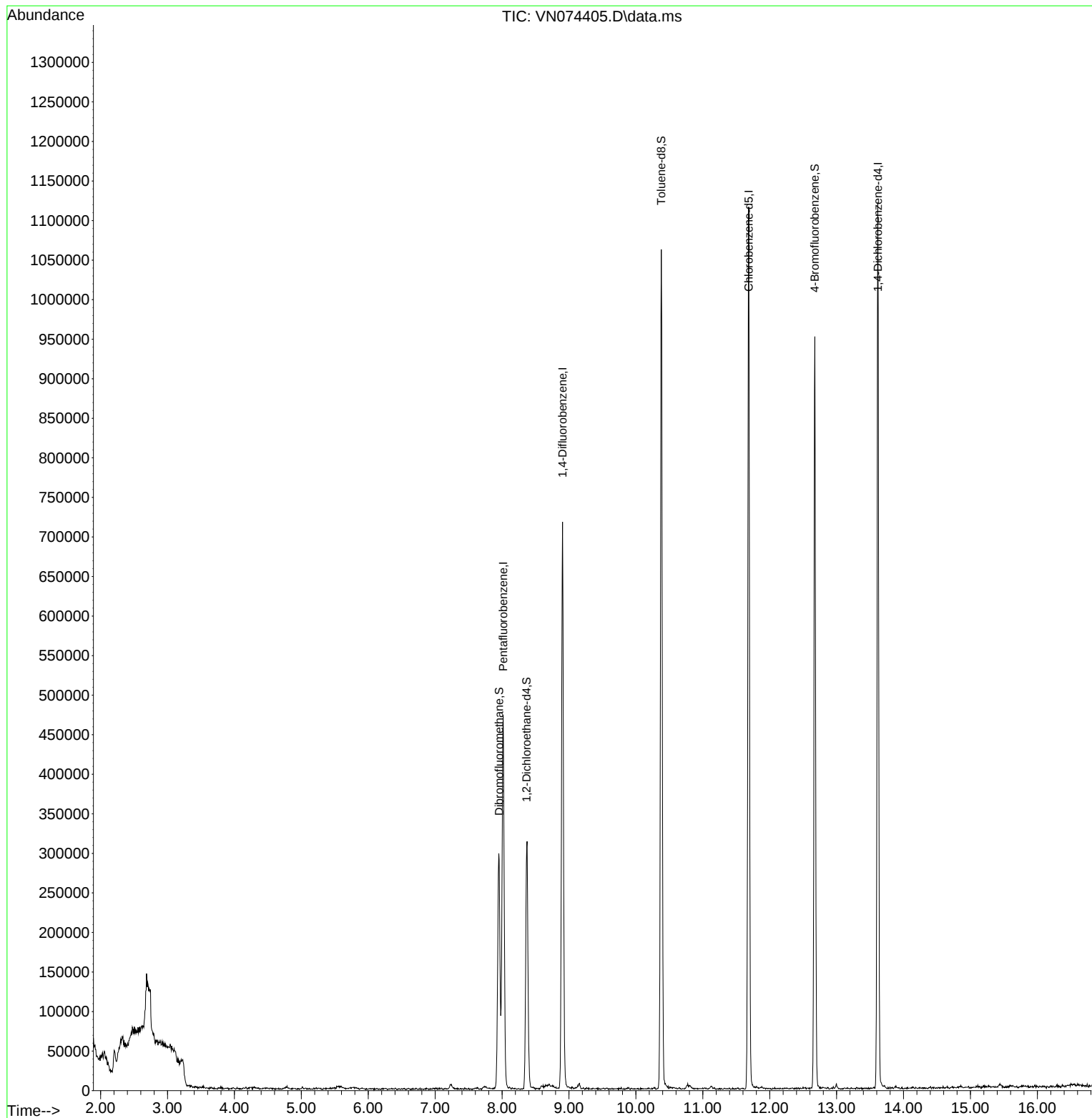
Target Compounds	Qvalue

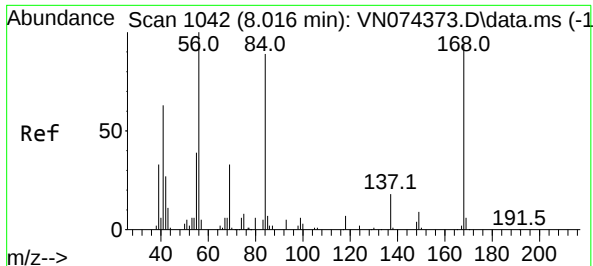
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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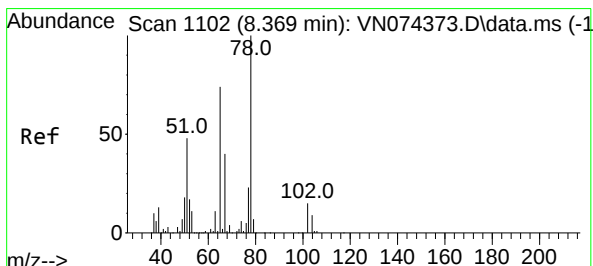
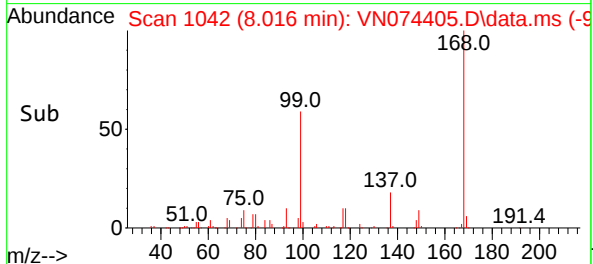
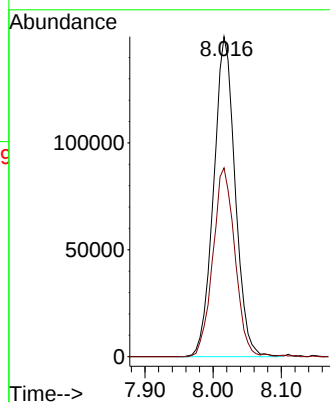
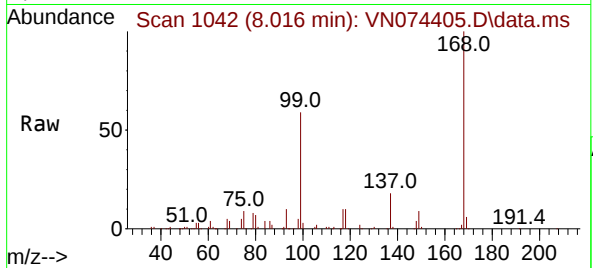




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

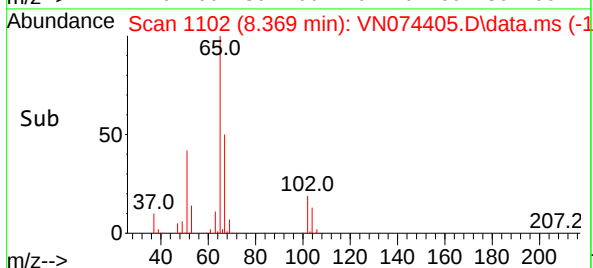
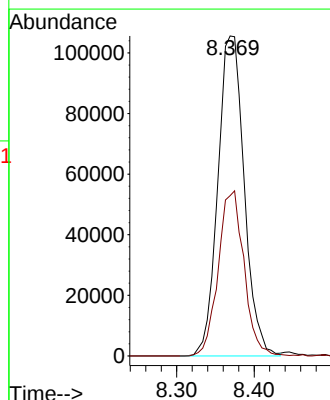
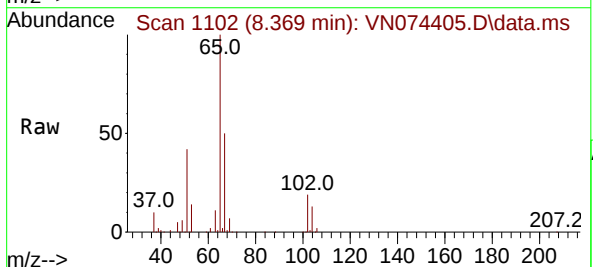
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

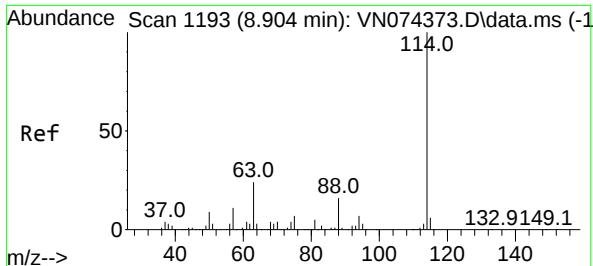
Tgt Ion:168 Resp: 329114
Ion Ratio Lower Upper
168 100
99 59.0 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 43.921 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 65 Resp: 250096
Ion Ratio Lower Upper
65 100
67 50.4 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN074405.D

Acq: 12 Sep 2022 11:34

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBL01

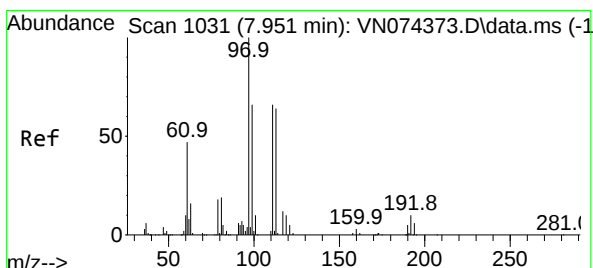
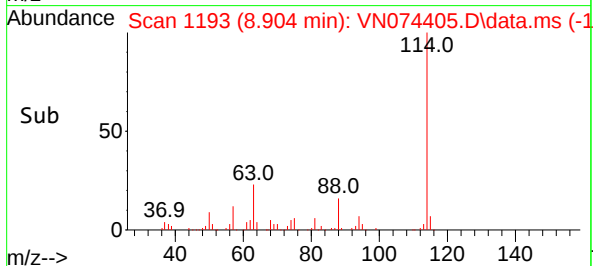
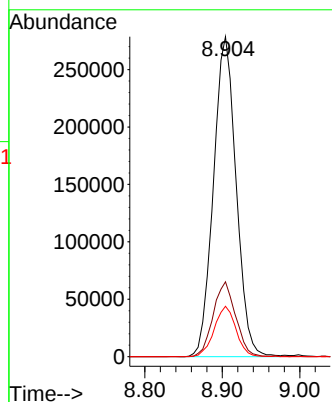
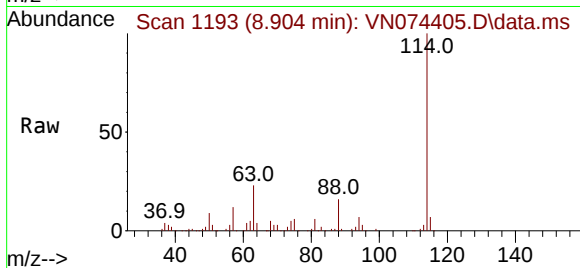
Tgt Ion:114 Resp: 566722

Ion Ratio Lower Upper

114 100

63 23.4 0.0 47.6

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.472 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN074405.D

Acq: 12 Sep 2022 11:34

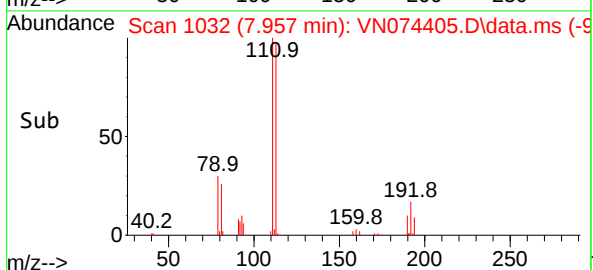
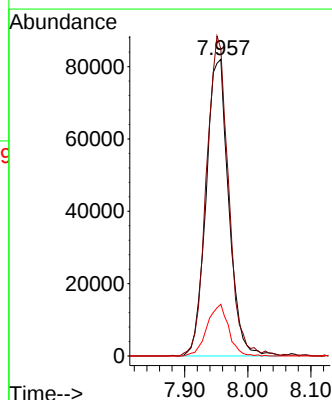
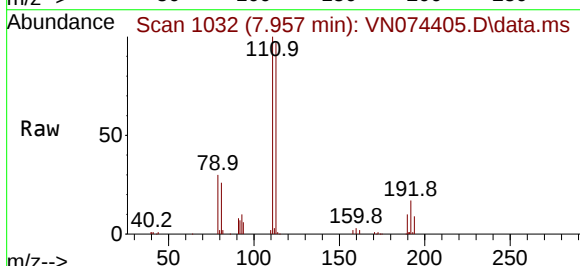
Tgt Ion:113 Resp: 204580

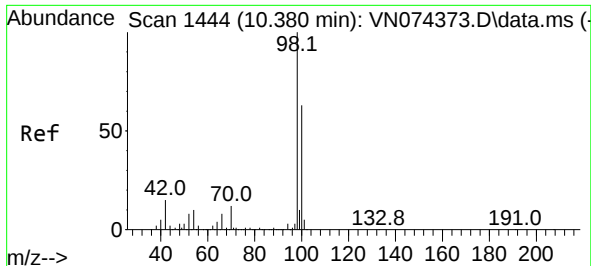
Ion Ratio Lower Upper

113 100

111 104.9 83.0 124.4

192 16.6 13.7 20.5

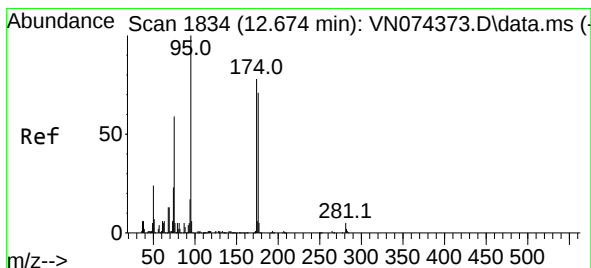
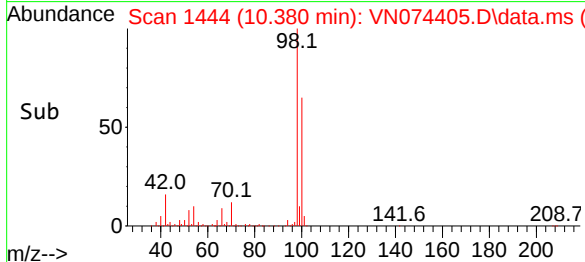
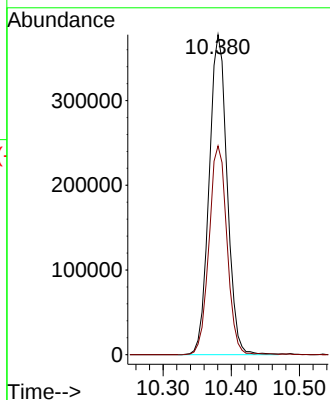
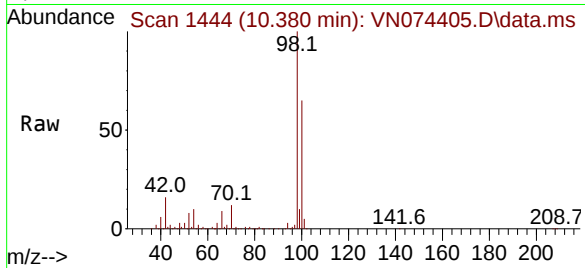




#50
Toluene-d8
Concen: 46.589 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

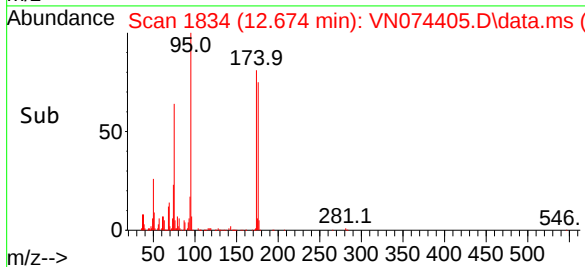
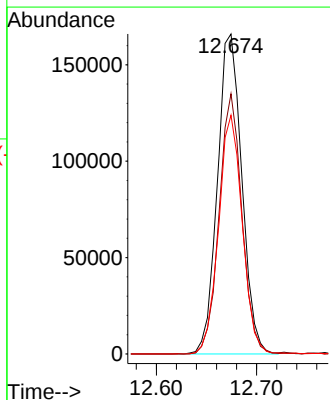
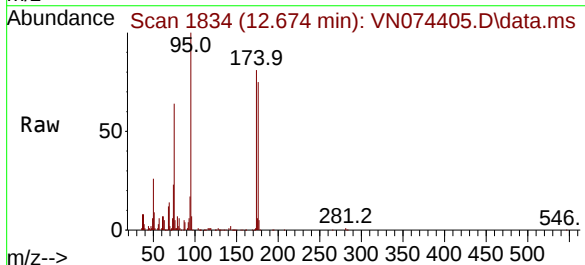
Instrument :
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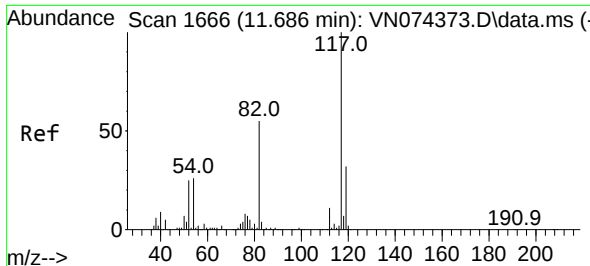
Tgt Ion: 98 Resp: 694533
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0



#62
4-Bromofluorobenzene
Concen: 51.829 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion: 95 Resp: 280518
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.6
176 72.6 0.0 143.4

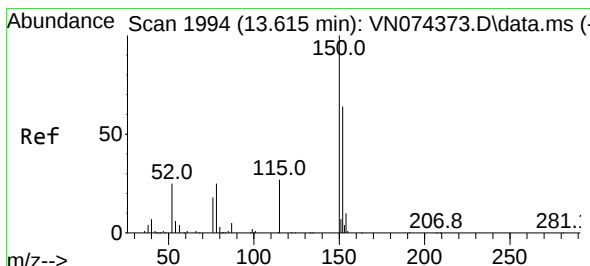
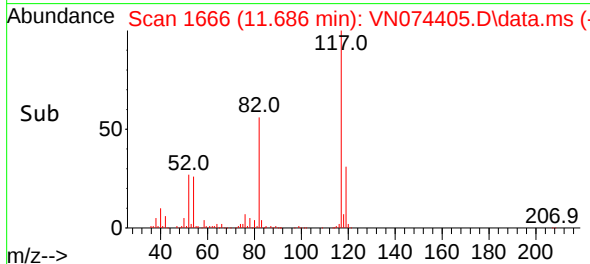
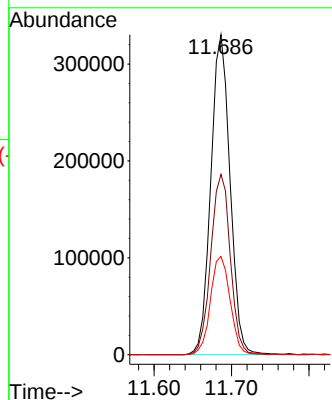
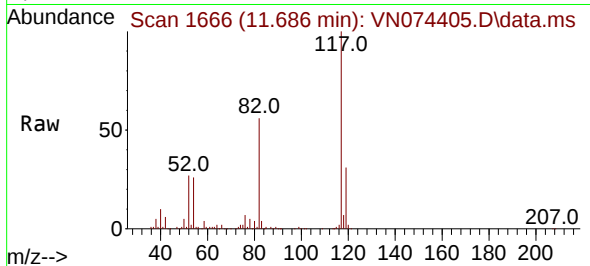




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBL01

Tgt Ion:117 Resp: 569141
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 30.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.616 min Scan# 1994
Delta R.T. 0.001 min
Lab File: VN074405.D
Acq: 12 Sep 2022 11:34

Tgt Ion:152 Resp: 260984
Ion Ratio Lower Upper
152 100
115 60.4 32.0 96.0
150 156.7 0.0 359.6

