

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
 Data File : VN074586.D
 Acq On : 19 Sep 2022 15:14
 Operator : JC\MD
 Sample : N4647-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1040-TB090822

Quant Time: Sep 20 04:19:56 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	252384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	489890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	490017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	199869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	200691	46.865	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.740%
35) Dibromofluoromethane	7.951	113	164477	50.542	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.080%
50) Toluene-d8	10.381	98	603216	47.930	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.674	95	221982	51.499	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.000%

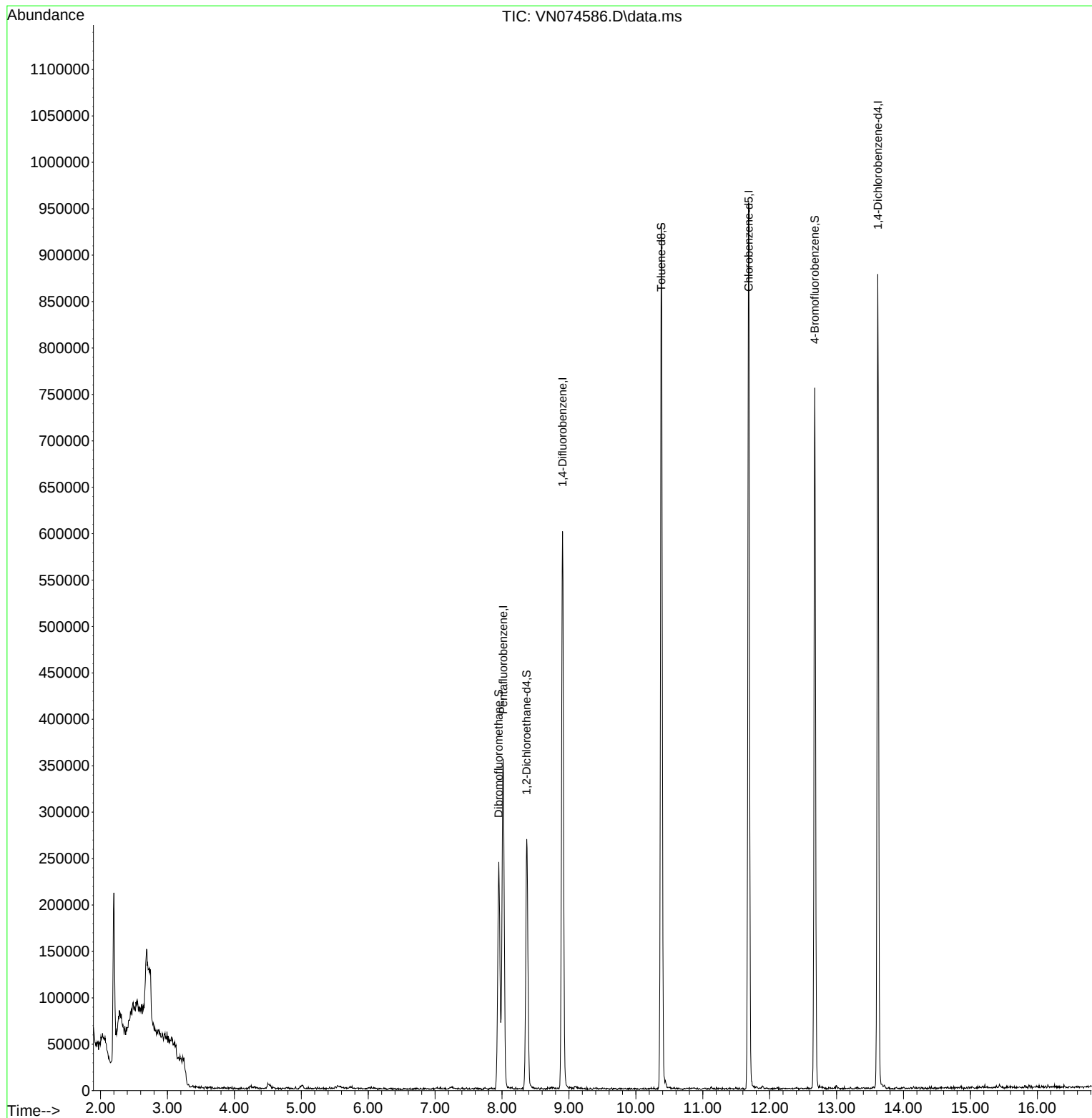
Target Compounds	Qvalue

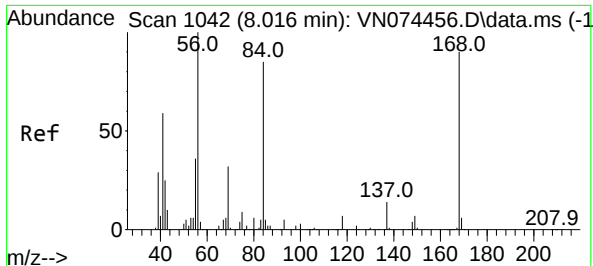
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091922\
Data File : VN074586.D
Acq On : 19 Sep 2022 15:14
Operator : JC\MD
Sample : N4647-09
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

Quant Time: Sep 20 04:19:56 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

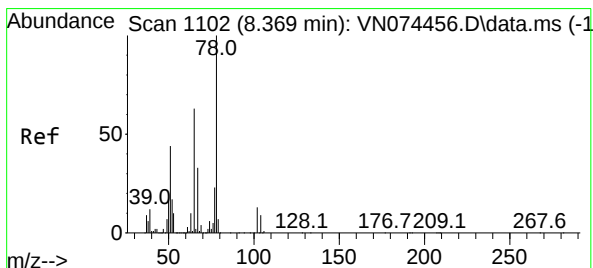
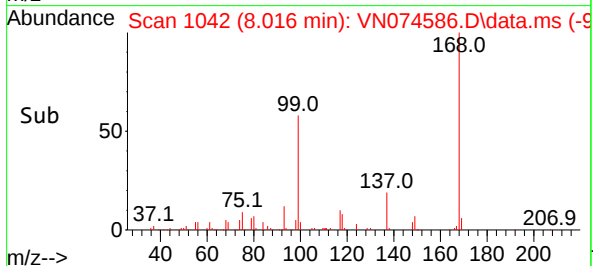
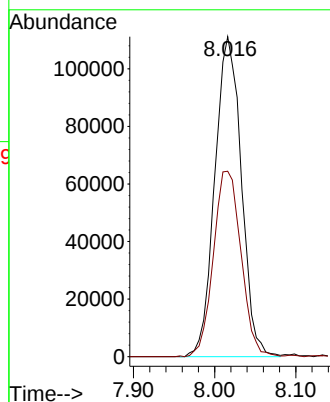
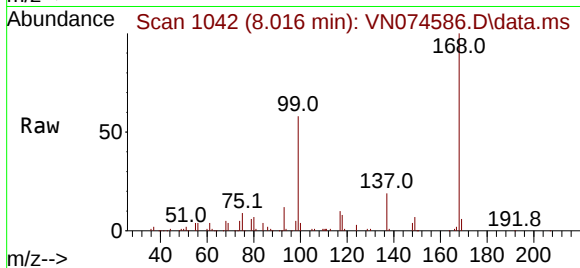




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

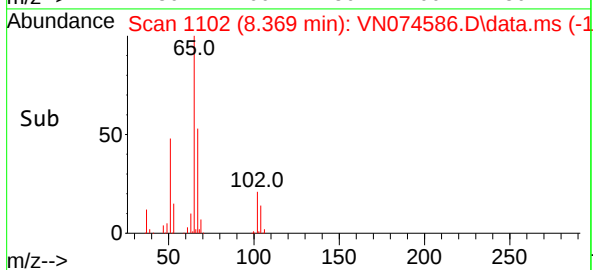
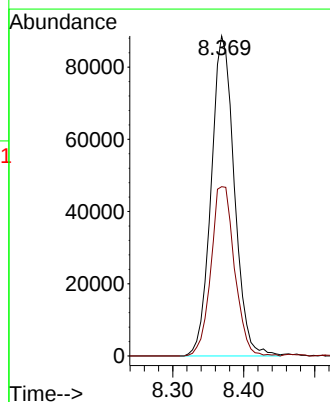
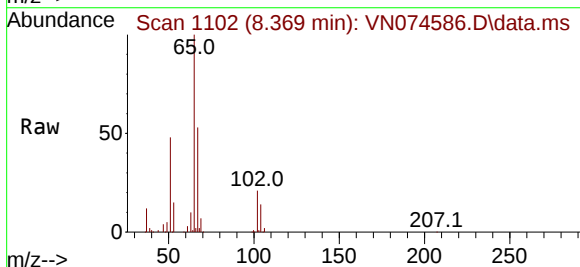
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

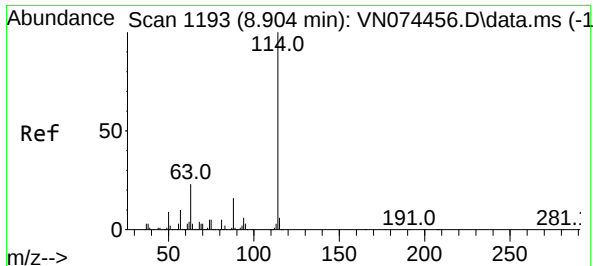
Tgt Ion:168 Resp: 252384
Ion Ratio Lower Upper
168 100
99 57.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.865 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 65 Resp: 200691
Ion Ratio Lower Upper
65 100
67 53.9 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: VN074586.D

Acq: 19 Sep 2022 15:14

Instrument :

MSVOA_N

ClientSampleId :

1040-TB090822

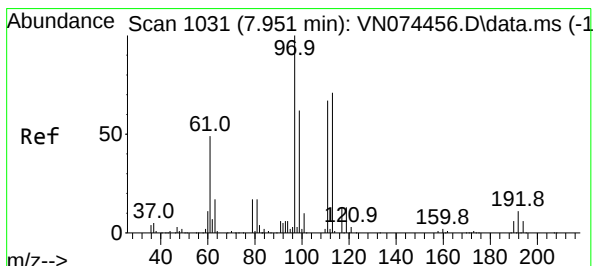
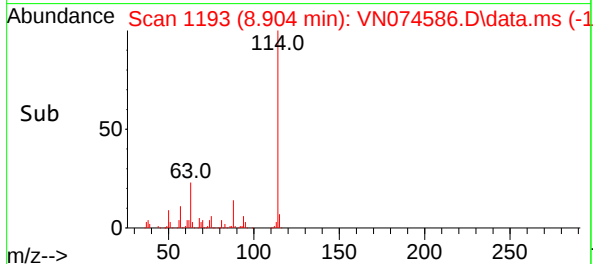
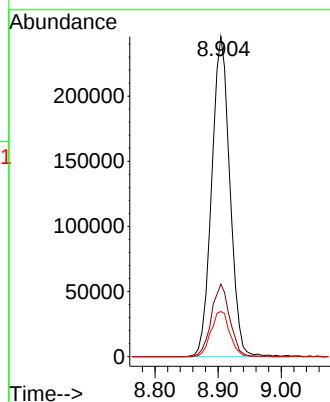
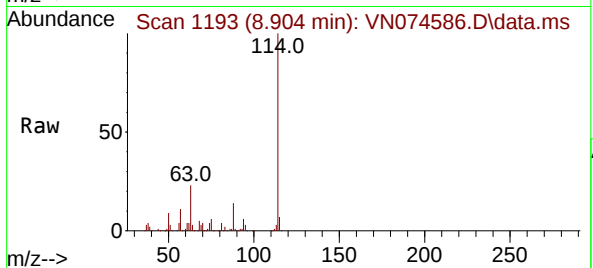
Tgt Ion:114 Resp: 489890

Ion Ratio Lower Upper

114 100

63 22.6 0.0 40.0

88 14.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.542 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN074586.D

Acq: 19 Sep 2022 15:14

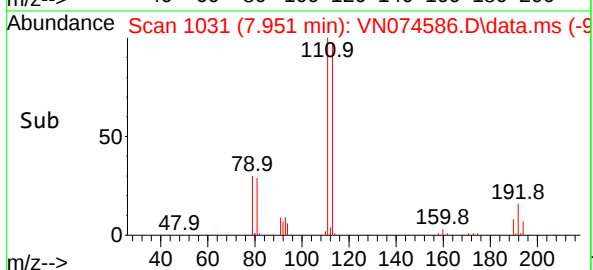
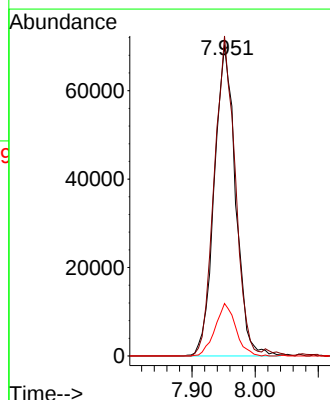
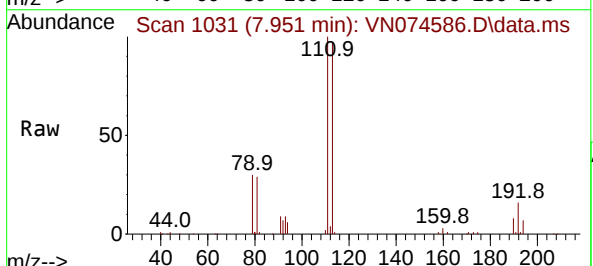
Tgt Ion:113 Resp: 164477

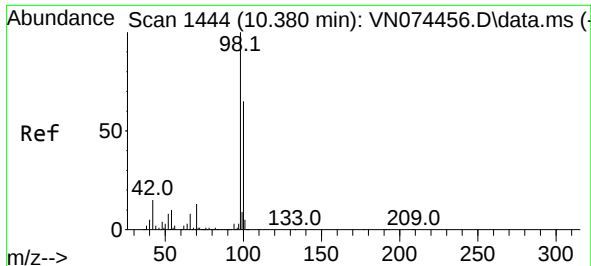
Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 16.4 17.0 25.6#

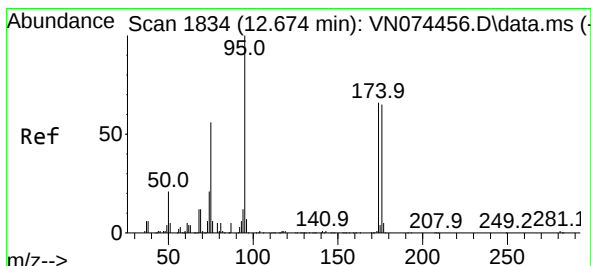
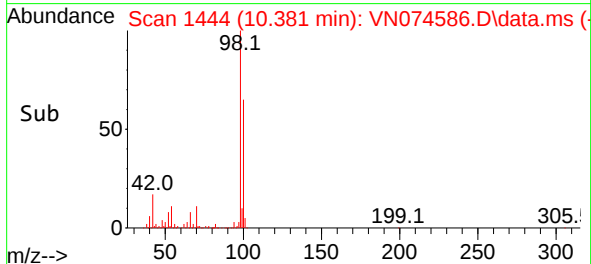
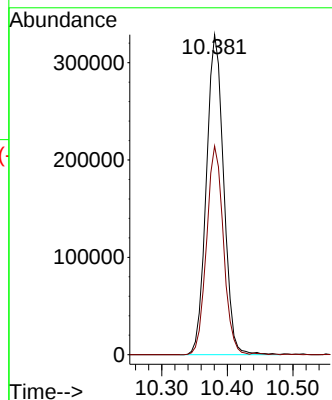
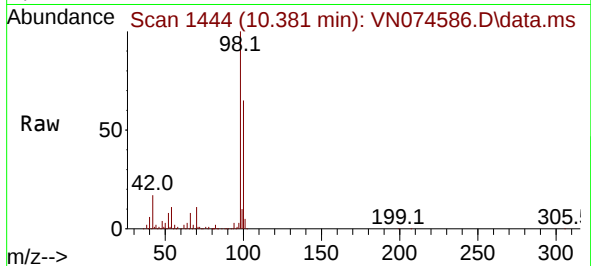




#50
Toluene-d8
Concen: 47.930 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.001 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

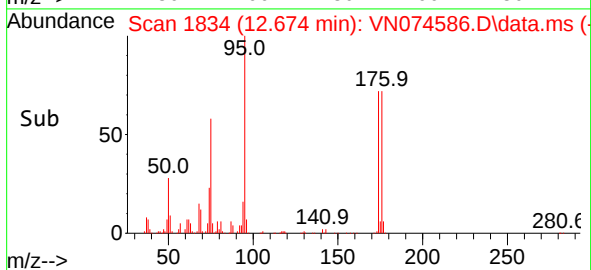
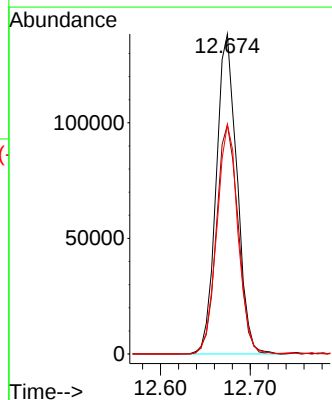
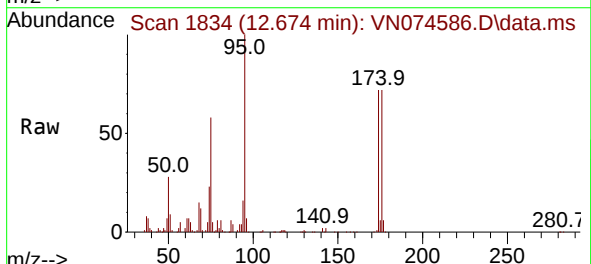
Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

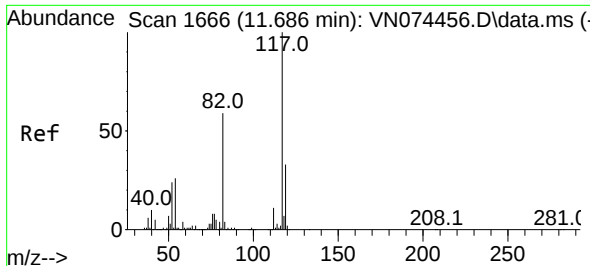
Tgt Ion: 98 Resp: 603216
Ion Ratio Lower Upper
98 100
100 63.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.499 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion: 95 Resp: 221982
Ion Ratio Lower Upper
95 100
174 74.8 0.0 167.6
176 73.4 0.0 163.4

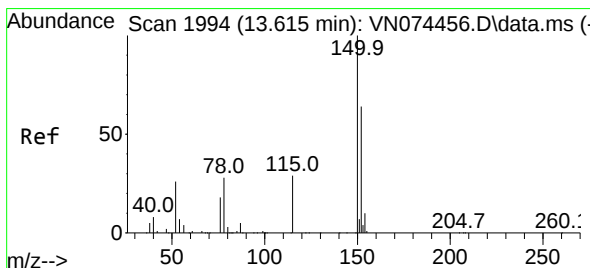
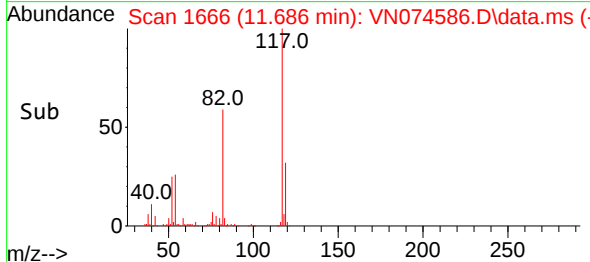
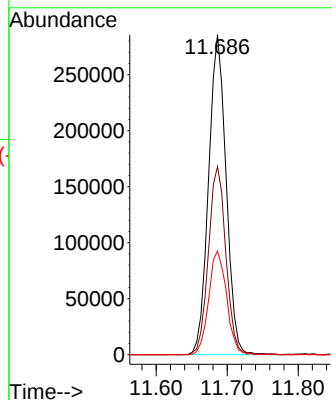
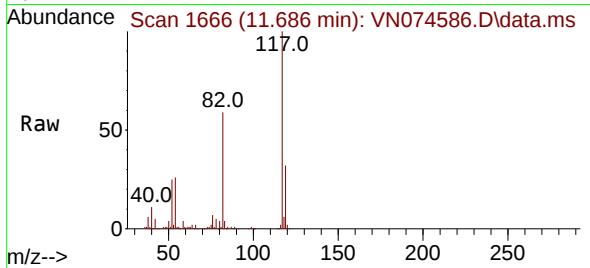




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VN074586.D
Acq: 19 Sep 2022 15:14

Instrument :
MSVOA_N
ClientSampleId :
1040-TB090822

Tgt Ion:117 Resp: 490017
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.4 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: VN074586.D
Acq: 19 Sep 2022 15:14

Tgt Ion:152 Resp: 199869
Ion Ratio Lower Upper
152 100
115 59.4 28.9 86.7
150 159.8 0.0 356.2

