

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091622\
 Data File : VN074499.D
 Acq On : 16 Sep 2022 10:31
 Operator : JC\MD
 Sample : VN0916MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0916MBL01

Quant Time: Sep 16 16:14:02 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	352029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	673784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	650663	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	266795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	276079	46.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.440%
35) Dibromofluoromethane	7.945	113	231597	51.744	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.480%
50) Toluene-d8	10.374	98	837639	48.391	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.674	95	306263	51.660	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.320%

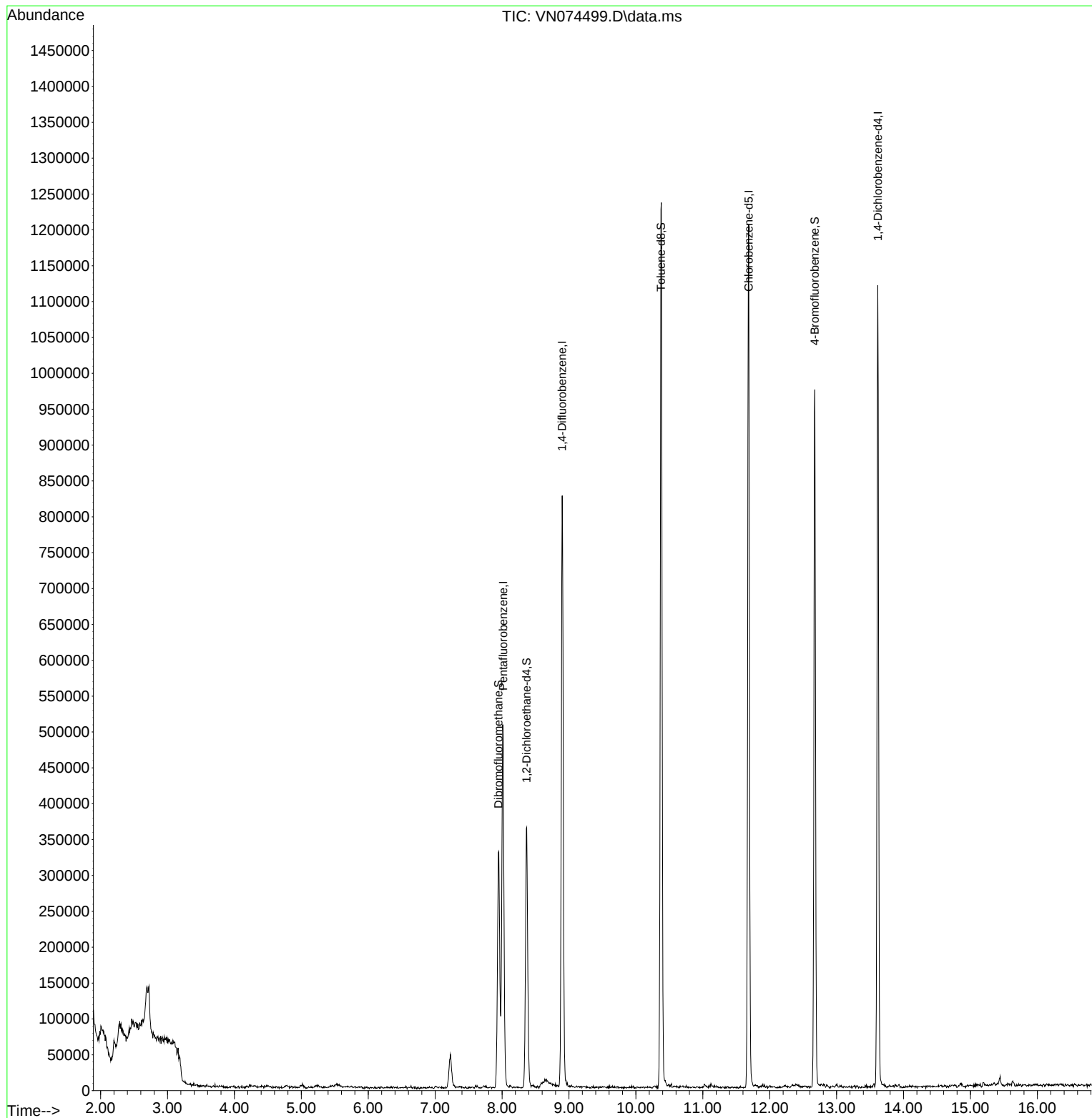
Target Compounds	Qvalue

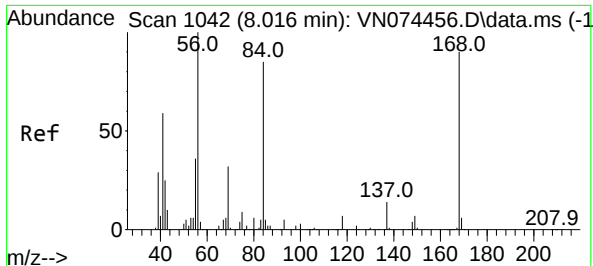
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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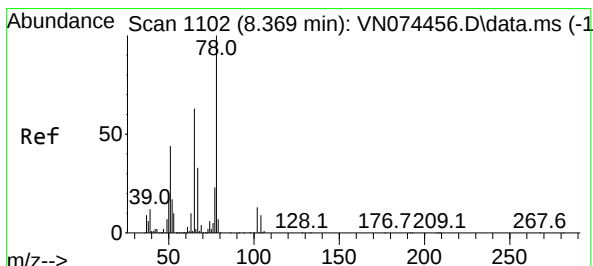
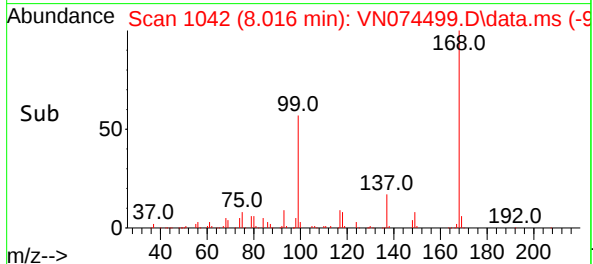
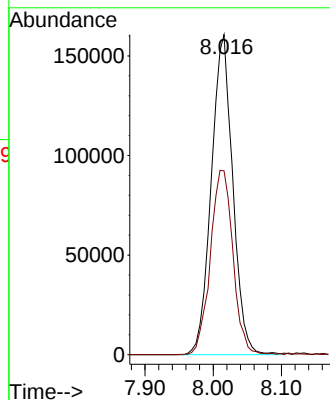
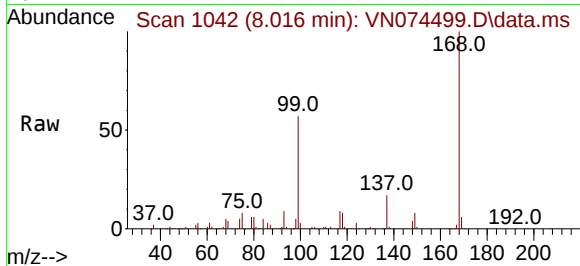




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN074499.D
Acq: 16 Sep 2022 10:31

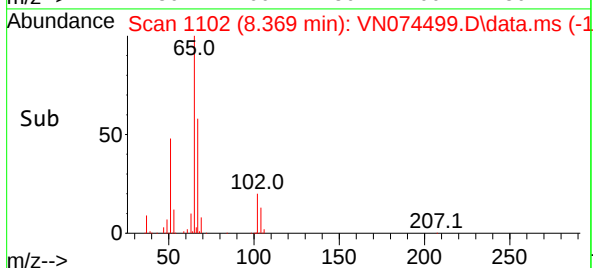
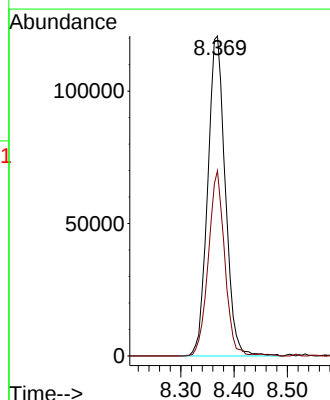
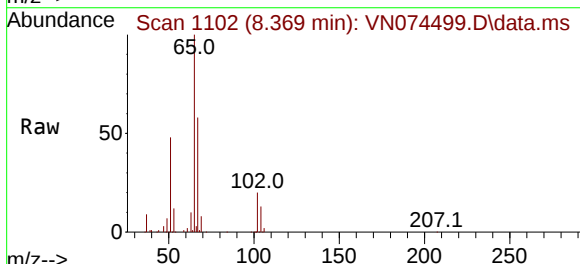
Instrument :
MSVOA_N
ClientSampleId :
VN0916MBL01

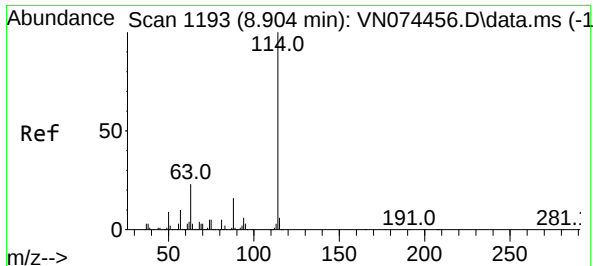
Tgt Ion:168 Resp: 352029
Ion Ratio Lower Upper
168 100
99 57.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 46.221 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN074499.D
Acq: 16 Sep 2022 10:31

Tgt Ion: 65 Resp: 276079
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN074499.D

Acq: 16 Sep 2022 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0916MBL01

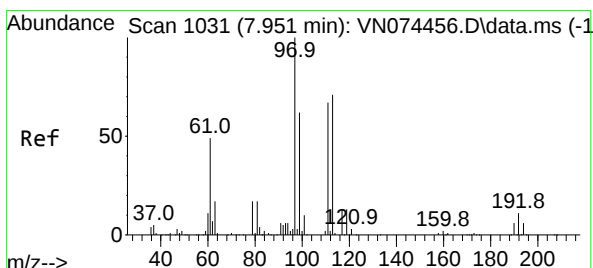
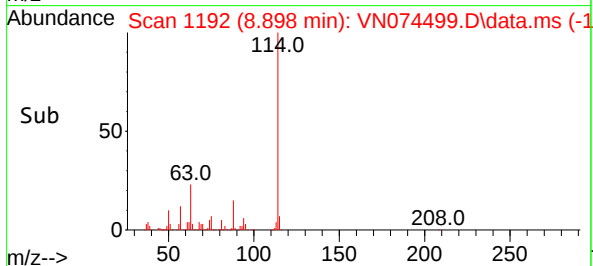
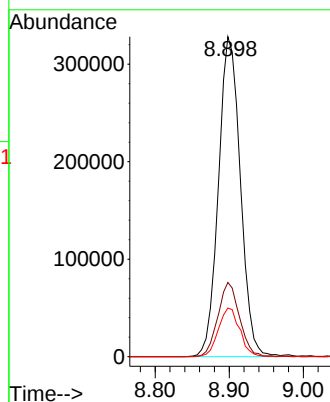
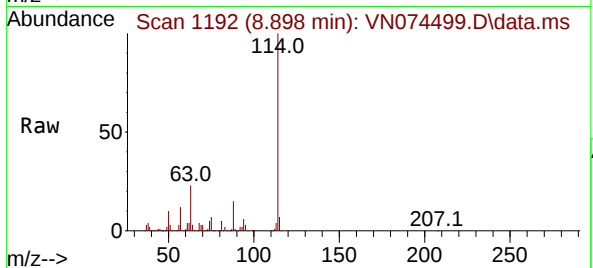
Tgt Ion:114 Resp: 673784

Ion Ratio Lower Upper

114 100

63 23.2 0.0 40.0

88 15.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.744 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VN074499.D

Acq: 16 Sep 2022 10:31

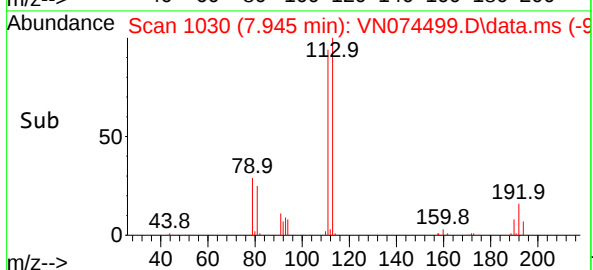
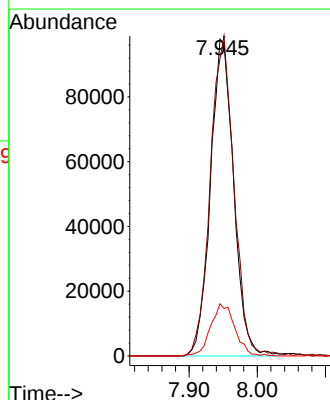
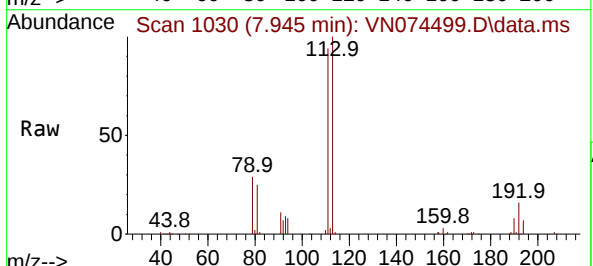
Tgt Ion:113 Resp: 231597

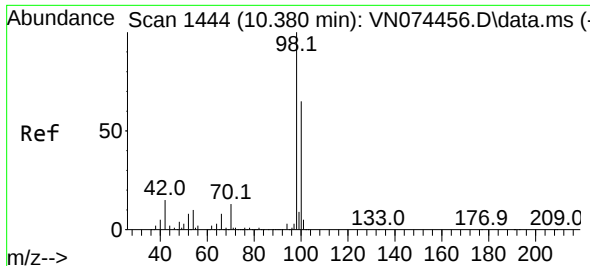
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 17.2 17.0 25.6

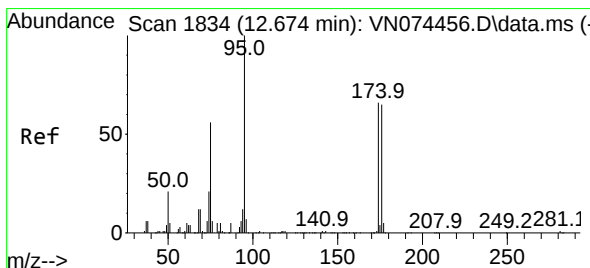
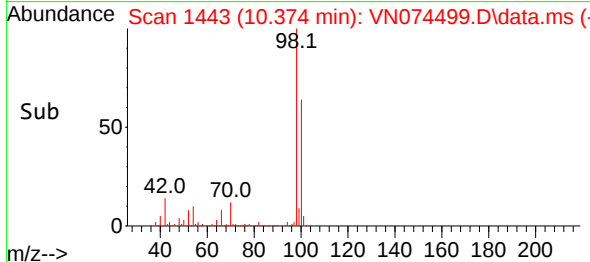
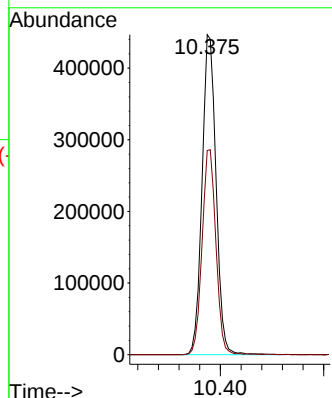
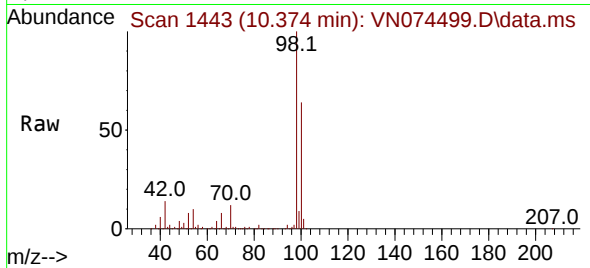




#50
Toluene-d8
Concen: 48.391 ug/l
RT: 10.374 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN074499.D
Acq: 16 Sep 2022 10:31

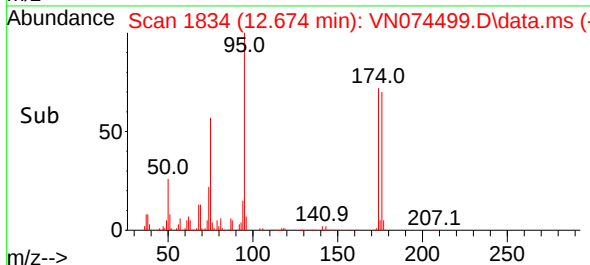
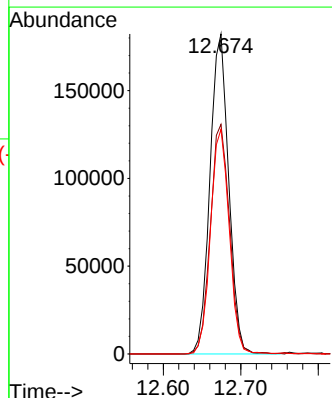
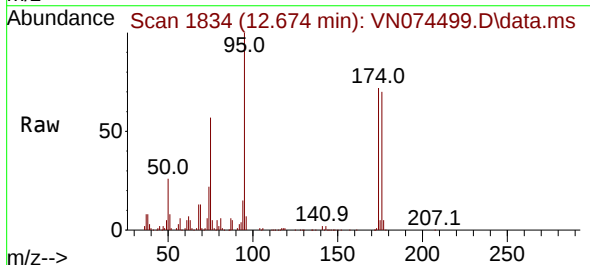
Instrument :
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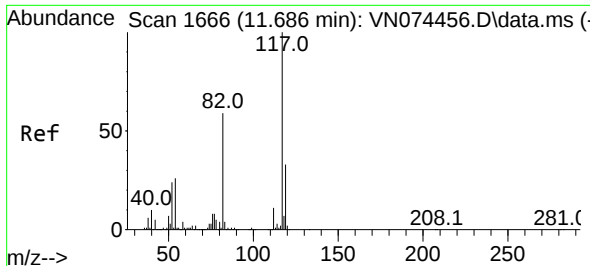
Tgt Ion: 98 Resp: 837639
Ion Ratio Lower Upper
98 100
100 63.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.660 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN074499.D
Acq: 16 Sep 2022 10:31

Tgt Ion: 95 Resp: 306263
Ion Ratio Lower Upper
95 100
174 73.7 0.0 167.6
176 70.0 0.0 163.4

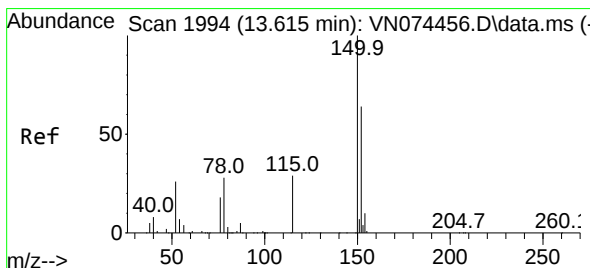
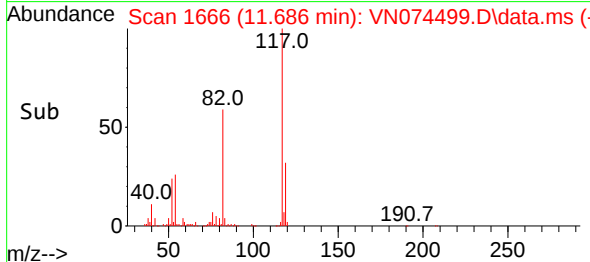
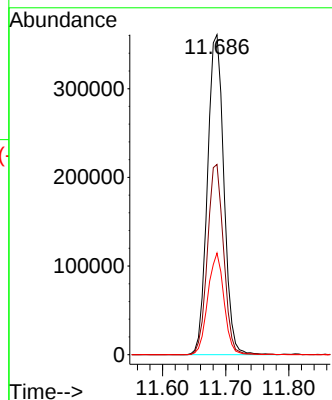
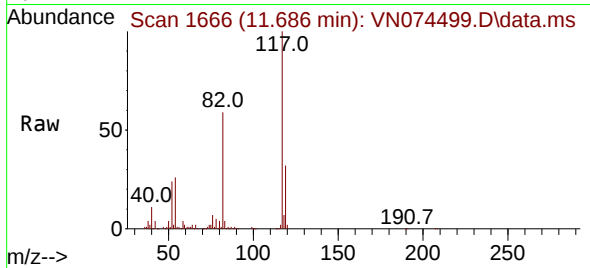




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.686 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN074499.D
Acq: 16 Sep 2022 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0916MBL01

Tgt Ion:117 Resp: 650663
Ion Ratio Lower Upper
117 100
82 59.5 44.2 66.2
119 31.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.615 min Scan# 1994
Delta R.T. 0.000 min
Lab File: VN074499.D
Acq: 16 Sep 2022 10:31

Tgt Ion:152 Resp: 266795
Ion Ratio Lower Upper
152 100
115 61.2 28.9 86.7
150 158.6 0.0 356.2

