

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111622\
 Data File : VN075288.D
 Acq On : 16 Nov 2022 15:03
 Operator : JC\MD
 Sample : VN1116WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBL01

Quant Time: Nov 17 04:28:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	171245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	294330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109180	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	104079	45.108	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.220%
35) Dibromofluoromethane	8.171	113	88704	51.337	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.680%
50) Toluene-d8	10.570	98	339425	50.633	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.260%
62) 4-Bromofluorobenzene	12.847	95	108502	46.076	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.160%

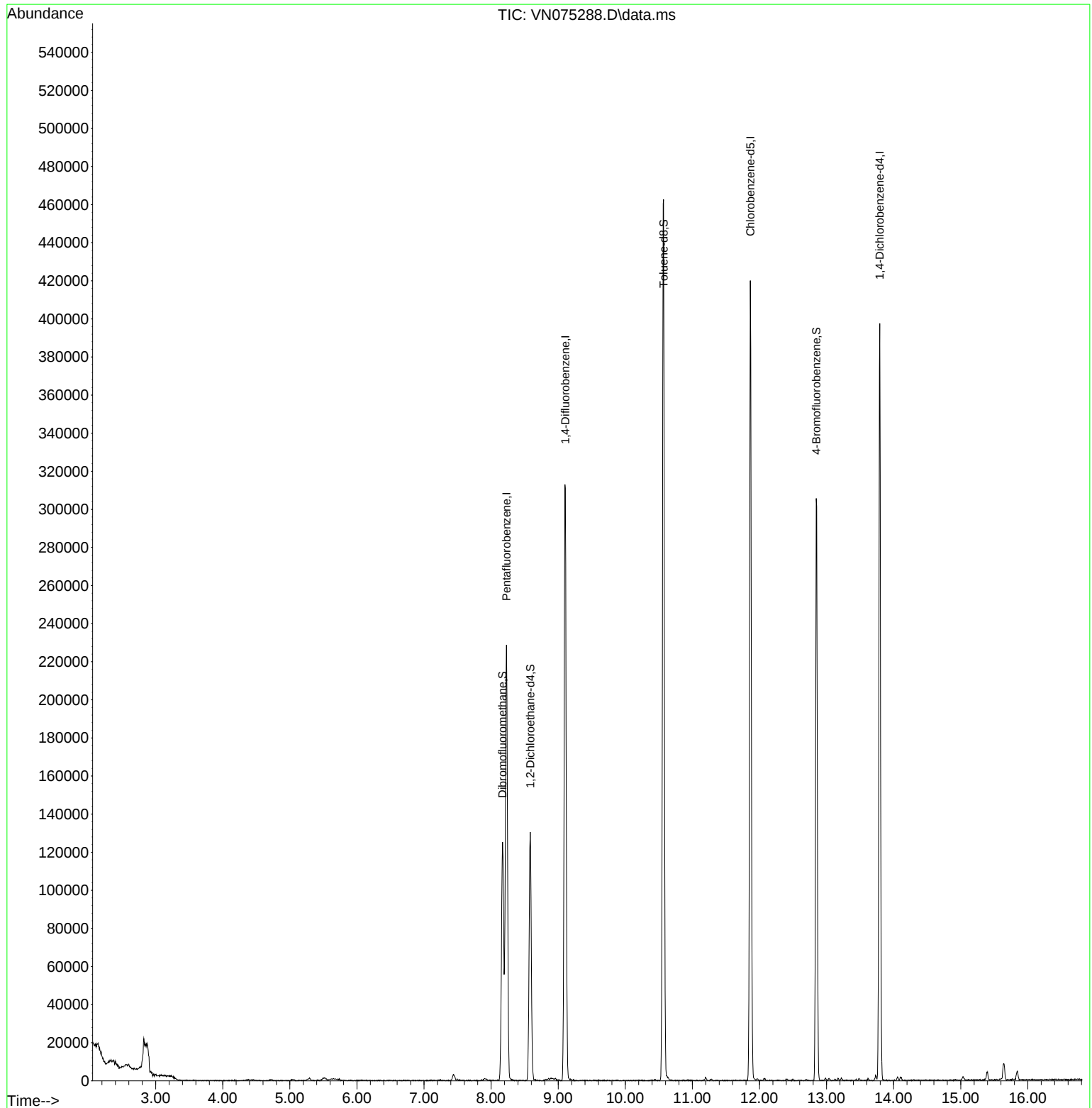
Target Compounds Qvalue

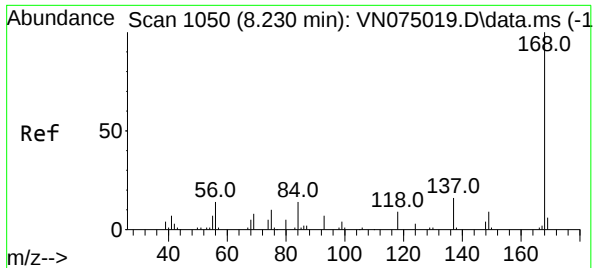
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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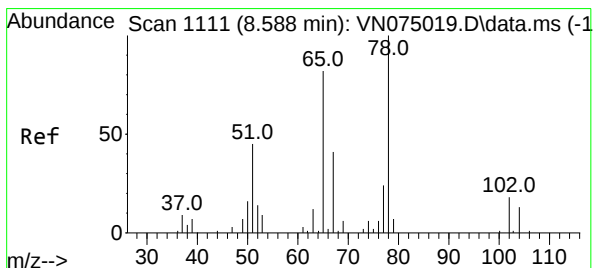
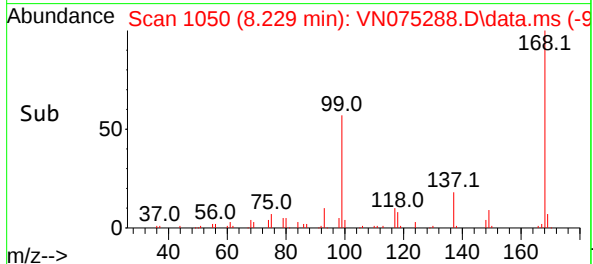
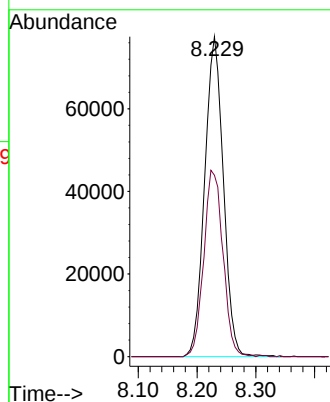
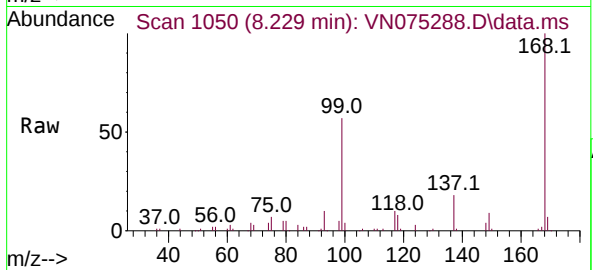




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075288.D
Acq: 16 Nov 2022 15:03

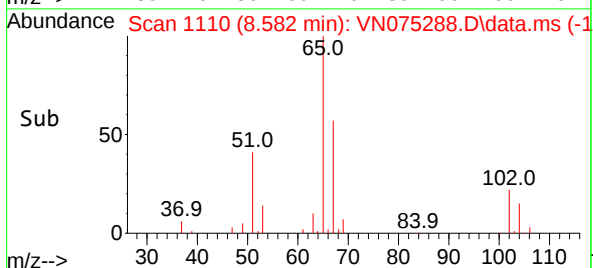
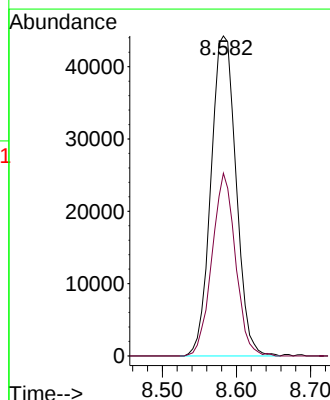
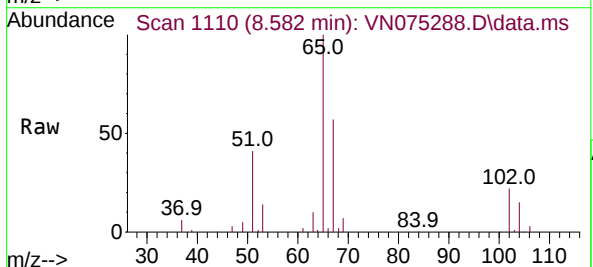
Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL01

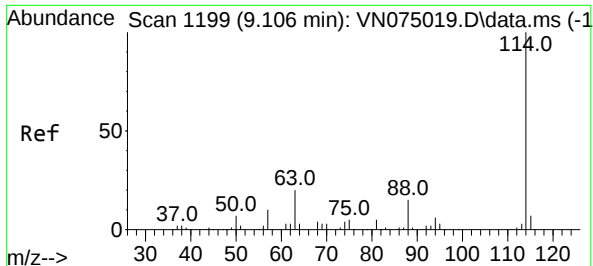
Tgt Ion:168 Resp: 171245
Ion Ratio Lower Upper
168 100
99 56.7 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 45.108 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VN075288.D
Acq: 16 Nov 2022 15:03

Tgt Ion: 65 Resp: 104079
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075288.D

Acq: 16 Nov 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBL01

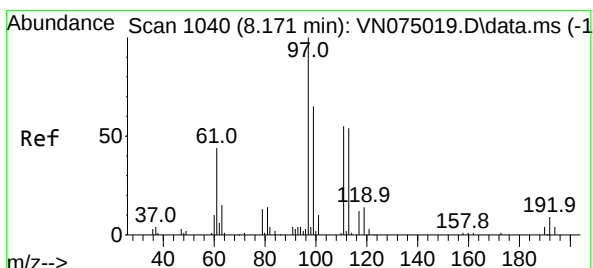
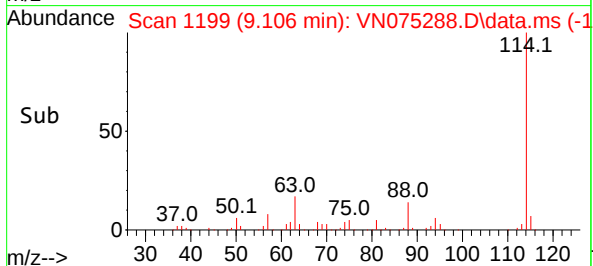
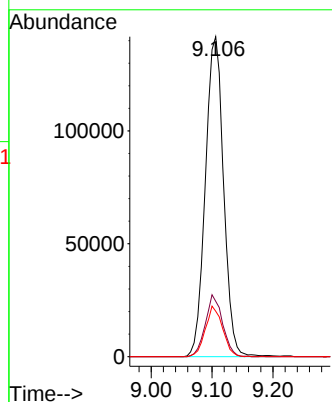
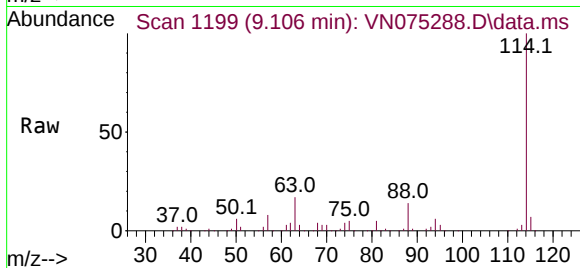
Tgt Ion:114 Resp: 294330

Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 14.2 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.337 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075288.D

Acq: 16 Nov 2022 15:03

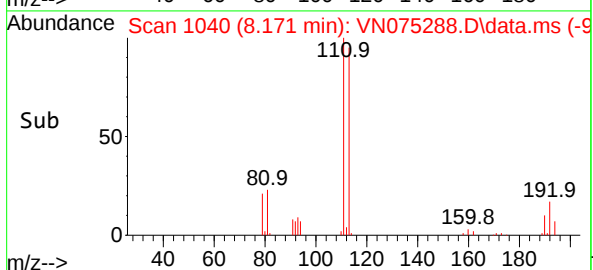
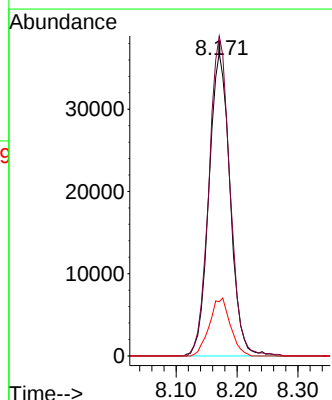
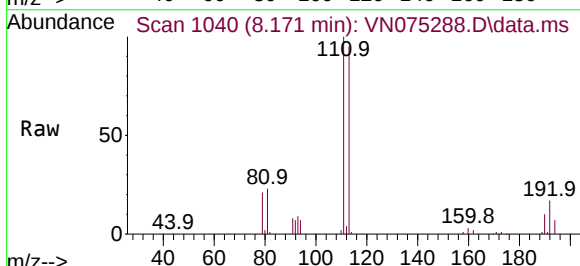
Tgt Ion:113 Resp: 88704

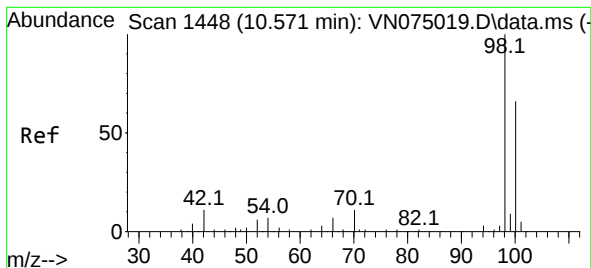
Ion Ratio Lower Upper

113 100

111 104.9 80.5 120.7

192 19.0 13.2 19.8





#50

Toluene-d8

Concen: 50.633 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.001 min

Lab File: VN075288.D

Acq: 16 Nov 2022 15:03

Instrument :

MSVOA_N

ClientSampleId :

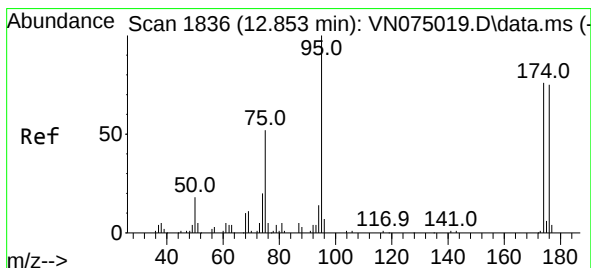
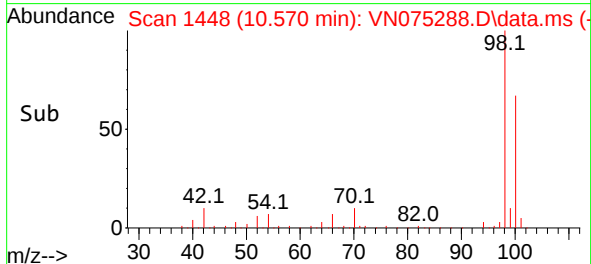
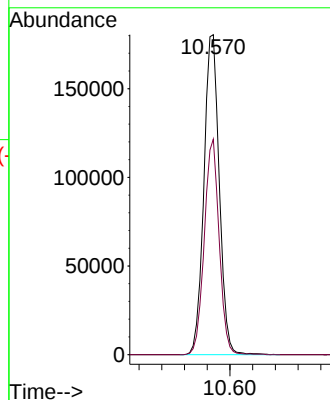
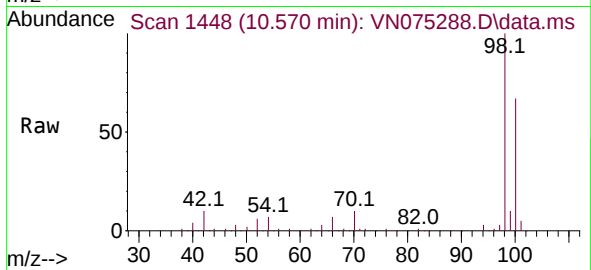
VN1116WBL01

Tgt Ion: 98 Resp: 339425

Ion Ratio Lower Upper

98 100

100 65.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 46.076 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075288.D

Acq: 16 Nov 2022 15:03

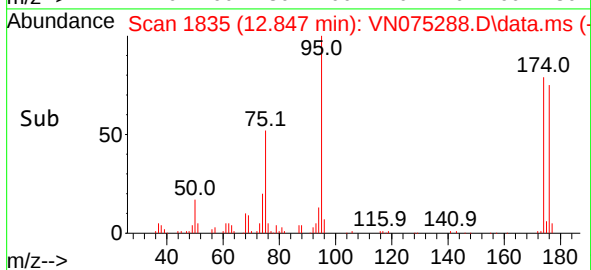
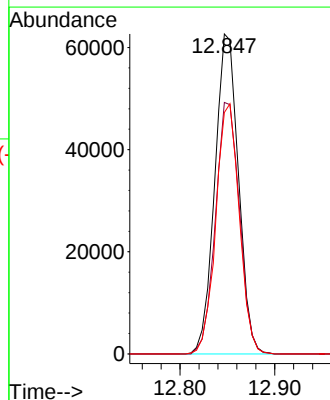
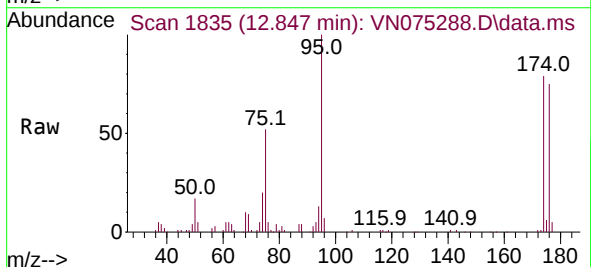
Tgt Ion: 95 Resp: 108502

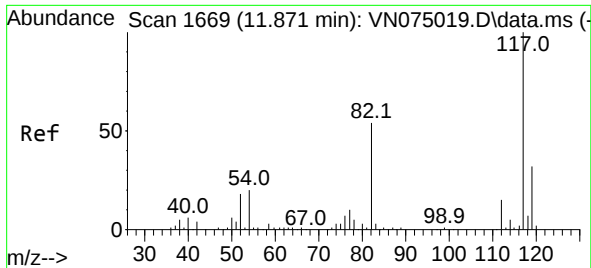
Ion Ratio Lower Upper

95 100

174 80.0 0.0 147.4

176 77.4 0.0 142.2

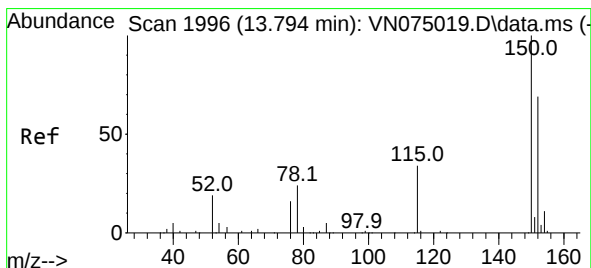
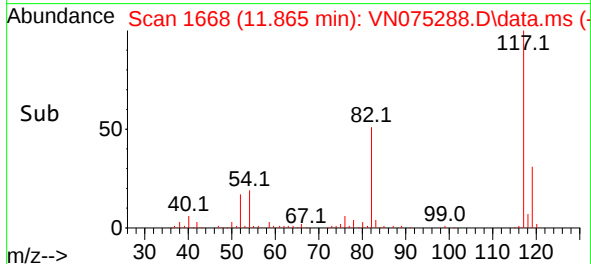
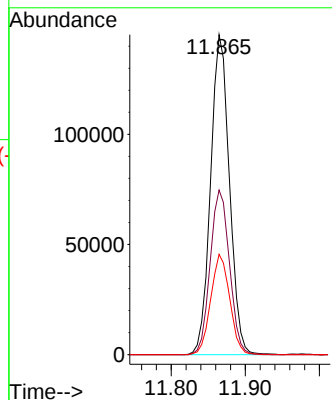
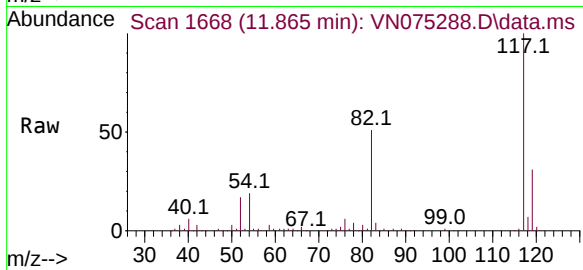




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VN075288.D
Acq: 16 Nov 2022 15:03

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL01

Tgt Ion:117 Resp: 256276
Ion Ratio Lower Upper
117 100
82 51.4 43.1 64.7
119 31.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075288.D
Acq: 16 Nov 2022 15:03

Tgt Ion:152 Resp: 109180
Ion Ratio Lower Upper
152 100
115 60.8 30.2 90.6
150 158.8 0.0 348.4

