

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111422\
 Data File : VN075259.D
 Acq On : 14 Nov 2022 12:13
 Operator : JC\MD
 Sample : VN1114WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1114WBL01

Quant Time: Nov 15 03:50:57 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	91514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	169431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	143055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	61827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	66745	54.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.260%
35) Dibromofluoromethane	8.171	113	57881	58.193	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.380%
50) Toluene-d8	10.565	98	185627	48.103	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	12.847	95	63960	47.183	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%

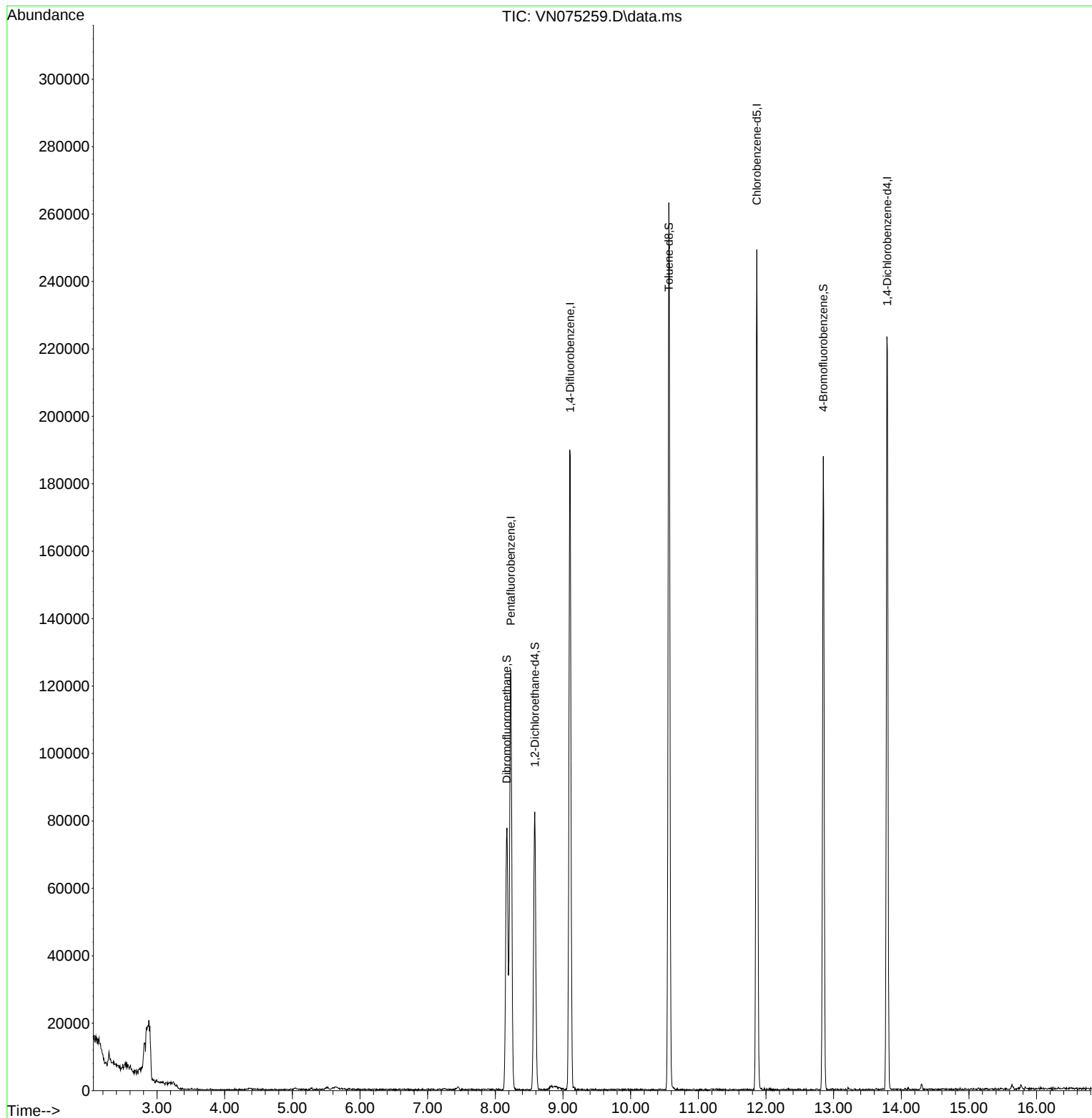
Target Compounds	Qvalue

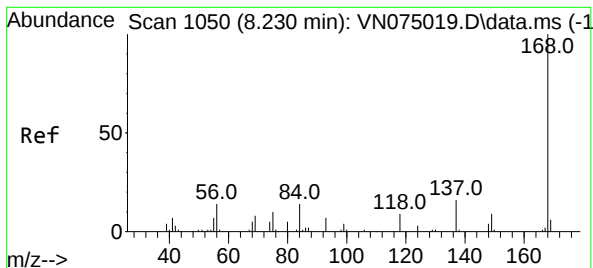
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 110

Delta R.T. -0.001 min

Lab File: VN075259.D

Acq: 14 Nov 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

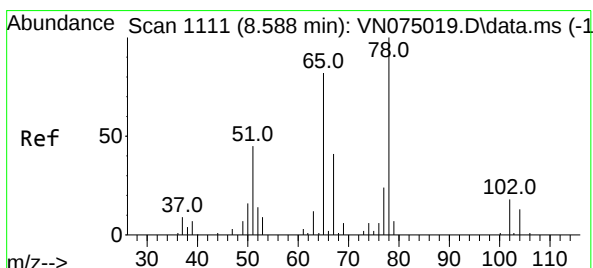
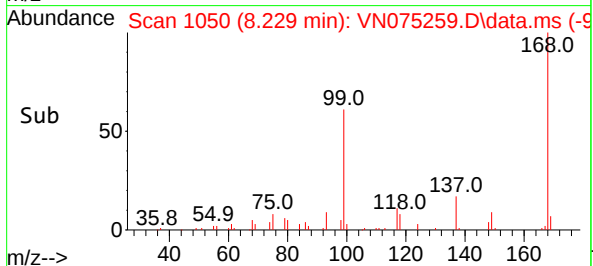
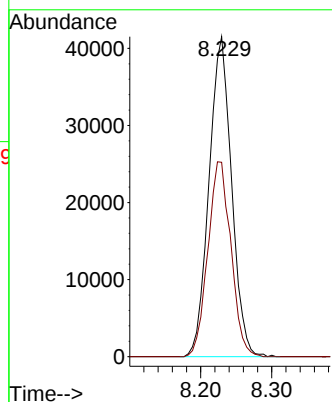
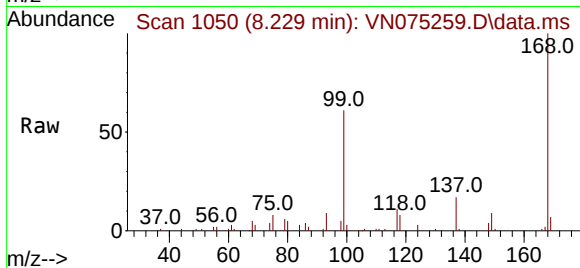
VN1114WBL01

Tgt Ion:168 Resp: 91514

Ion Ratio Lower Upper

168 100

99 60.8 51.6 77.4



#33

1,2-Dichloroethane-d4

Concen: 54.130 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075259.D

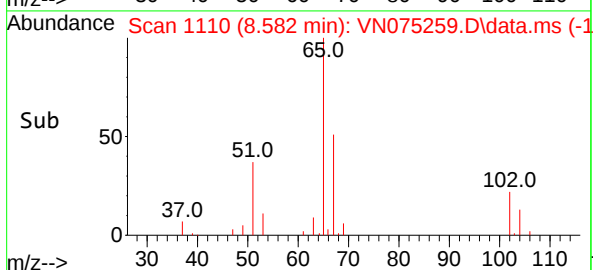
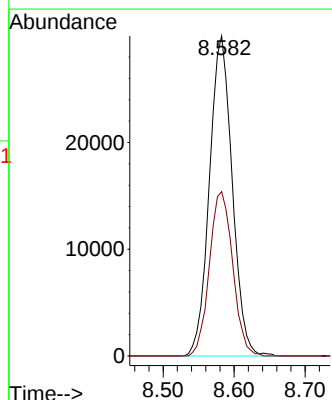
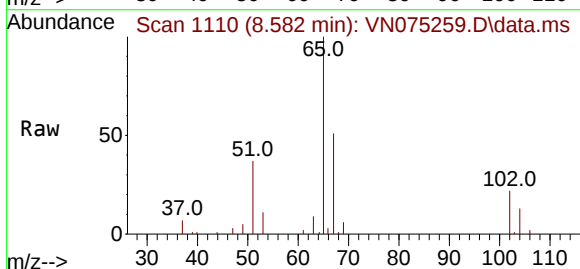
Acq: 14 Nov 2022 12:13

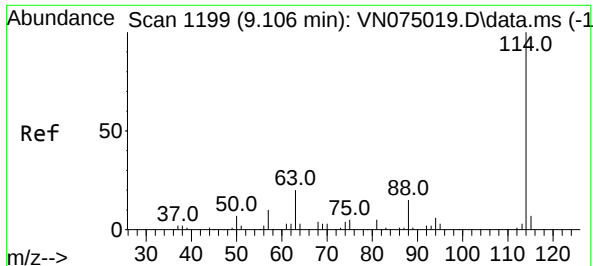
Tgt Ion: 65 Resp: 66745

Ion Ratio Lower Upper

65 100

67 52.4 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: VN075259.D

Acq: 14 Nov 2022 12:13

Instrument :

MSVOA_N

ClientSampleId :

VN1114WBL01

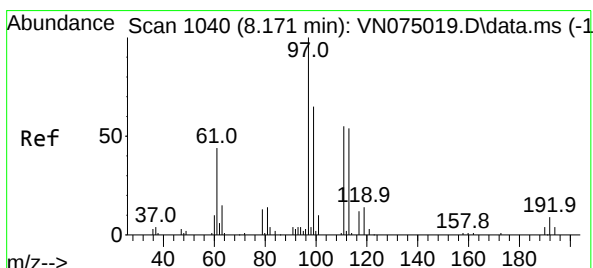
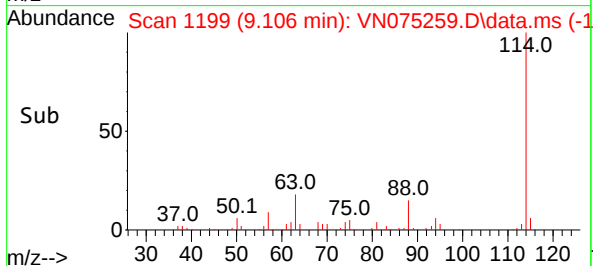
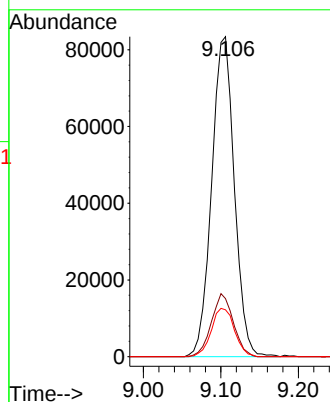
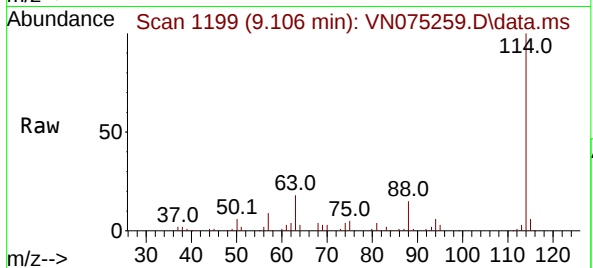
Tgt Ion:114 Resp: 169431

Ion Ratio Lower Upper

114 100

63 18.1 0.0 39.6

88 14.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 58.193 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075259.D

Acq: 14 Nov 2022 12:13

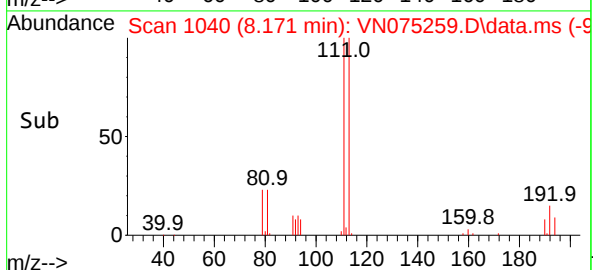
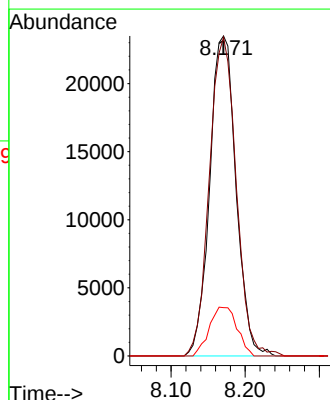
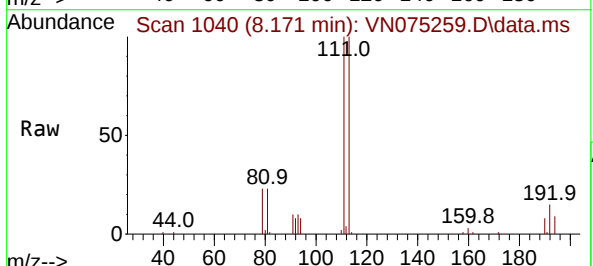
Tgt Ion:113 Resp: 57881

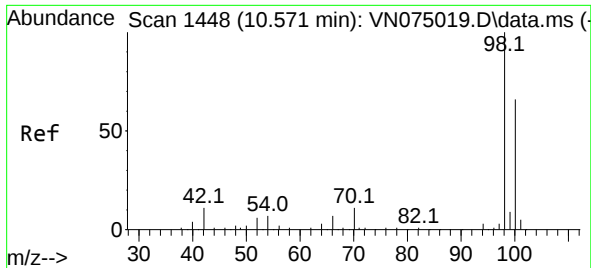
Ion Ratio Lower Upper

113 100

111 101.5 80.5 120.7

192 16.1 13.2 19.8

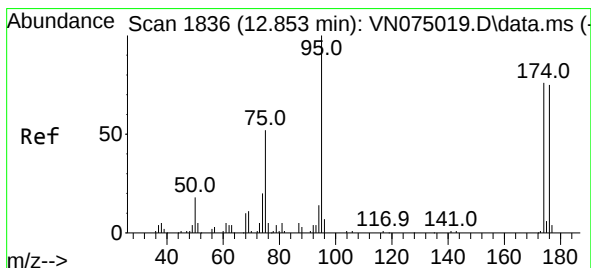
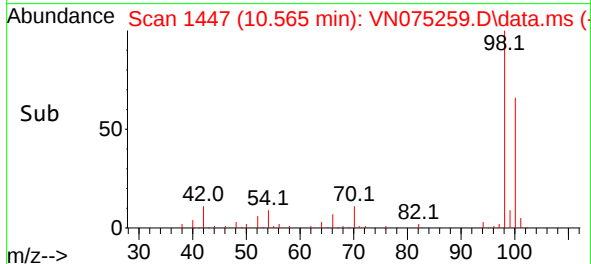
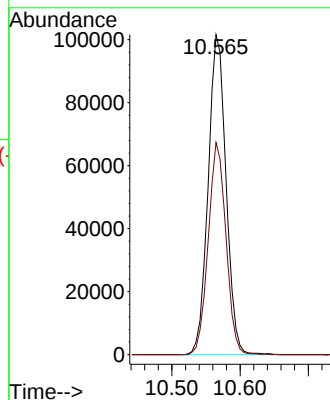
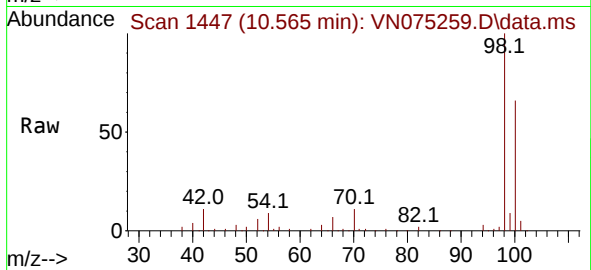




#50
Toluene-d8
Concen: 48.103 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

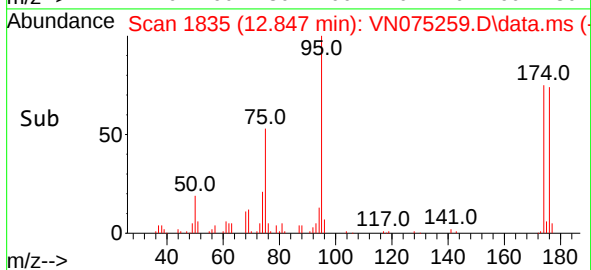
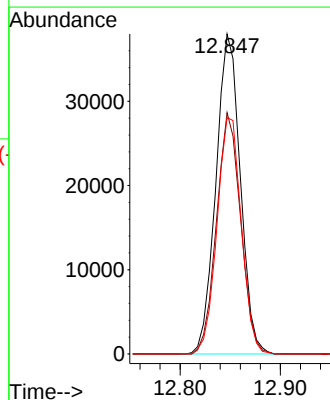
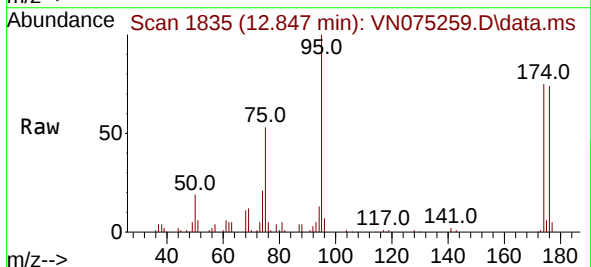
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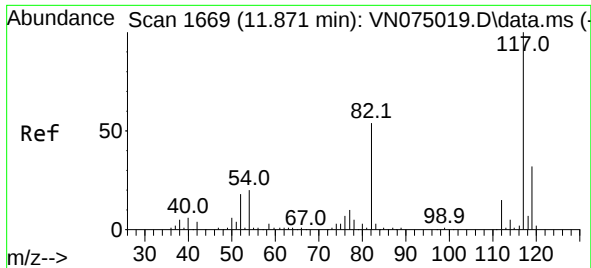
Tgt Ion: 98 Resp: 185627
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.183 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion: 95 Resp: 63960
Ion Ratio Lower Upper
95 100
174 74.6 0.0 147.4
176 73.7 0.0 142.2

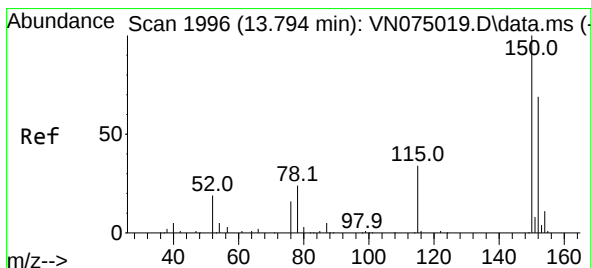
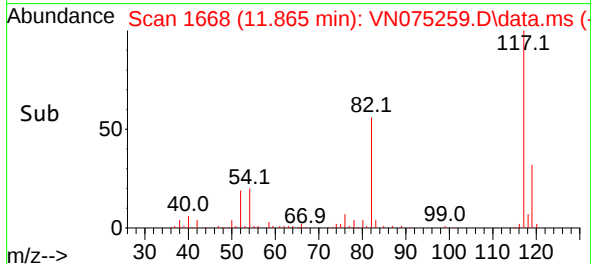
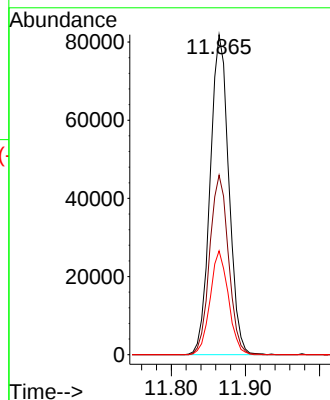
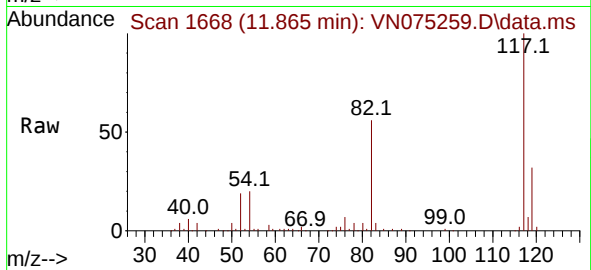




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075259.D
Acq: 14 Nov 2022 12:13

Instrument :
MSVOA_N
ClientSampleId :
VN1114WBL01

Tgt Ion:117 Resp: 143055
Ion Ratio Lower Upper
117 100
82 56.1 43.1 64.7
119 32.5 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: VN075259.D
Acq: 14 Nov 2022 12:13

Tgt Ion:152 Resp: 61827
Ion Ratio Lower Upper
152 100
115 60.2 30.2 90.6
150 155.0 0.0 348.4

