

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112922\
 Data File : VN075469.D
 Acq On : 29 Nov 2022 12:28
 Operator : JC\MD
 Sample : N5800-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-PT-OUT01-11282022

Quant Time: Nov 30 02:26:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	129712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	228891	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	190851	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	72960	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	40667	58.406	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.820%
35) Dibromofluoromethane	8.171	113	48734	54.200	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.400%
50) Toluene-d8	10.565	98	99003	48.887	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.780%
62) 4-Bromofluorobenzene	12.853	95	71249	47.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.340%

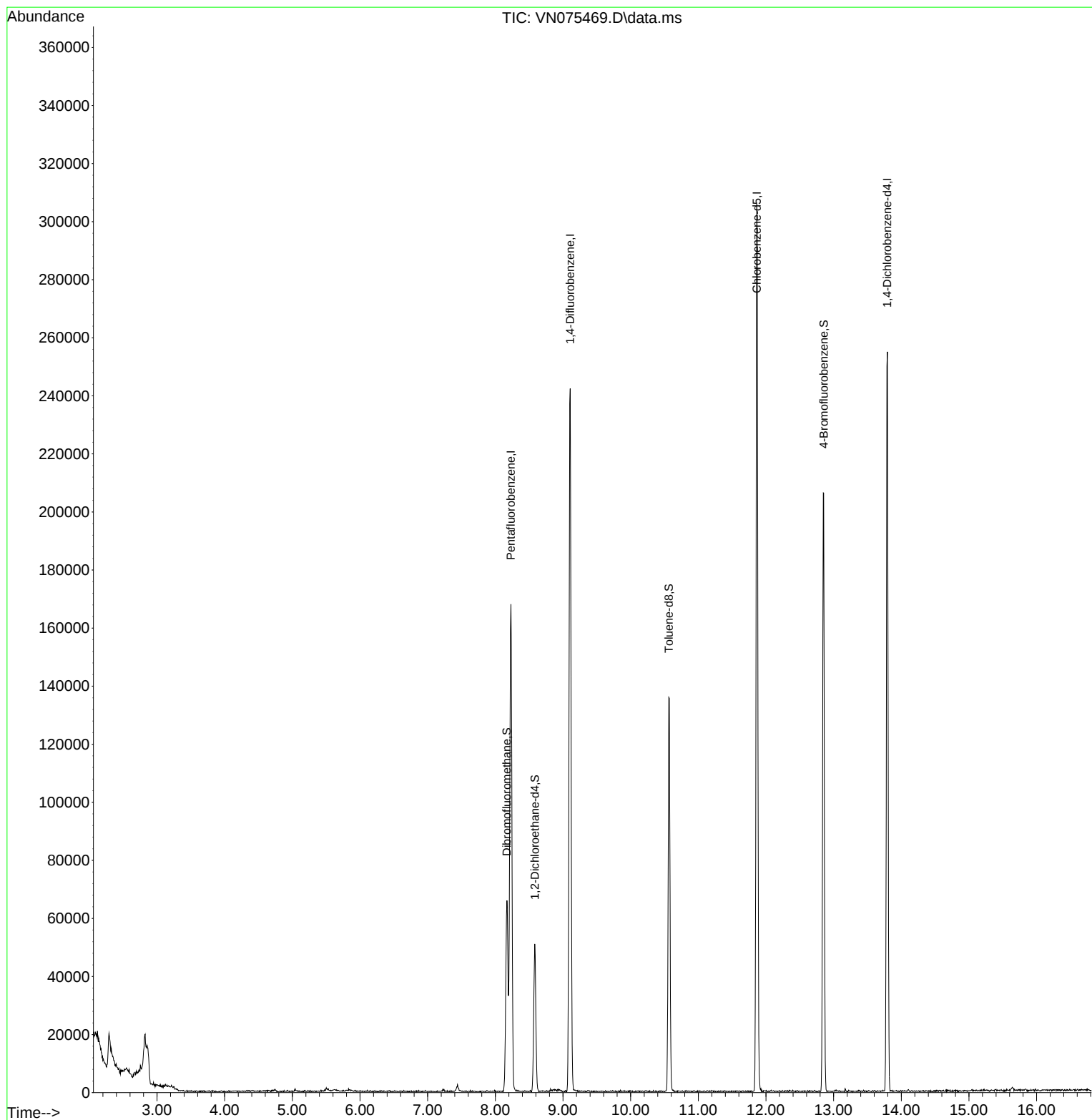
Target Compounds	Qvalue

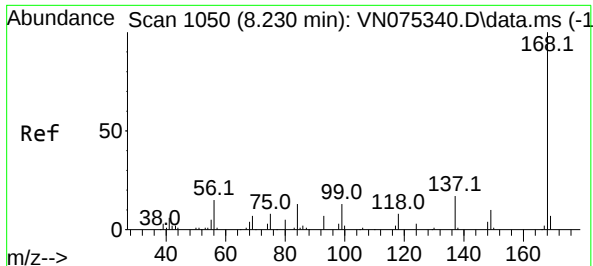
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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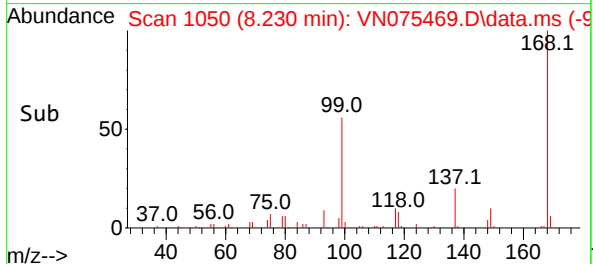
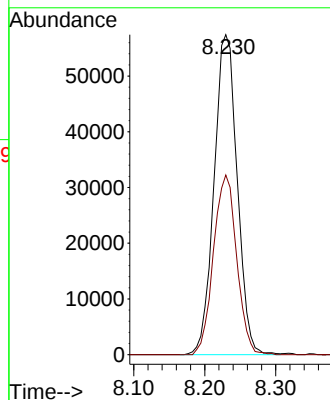
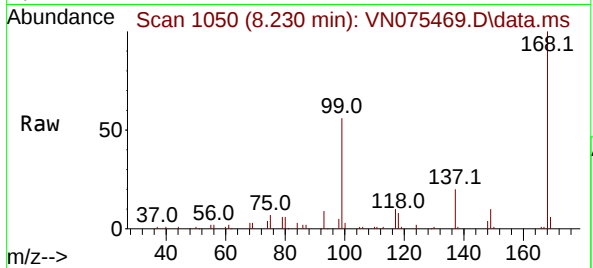




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

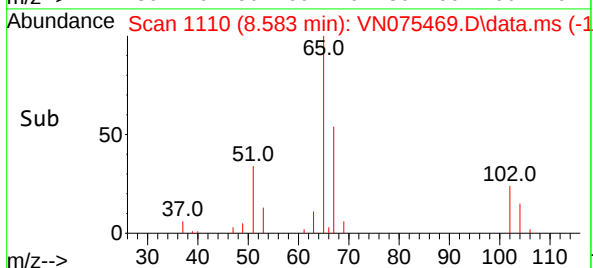
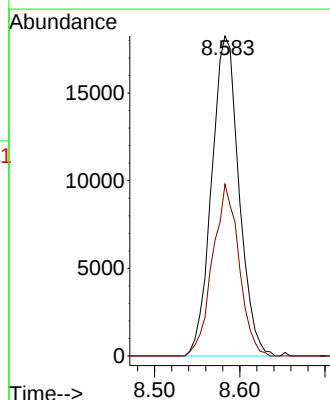
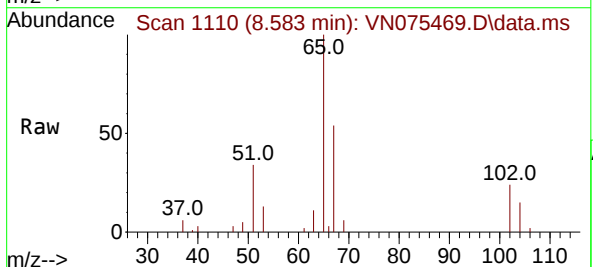
Instrument :
MSVOA_N
ClientSampleId :
RW9-PT-OUT01-11282022

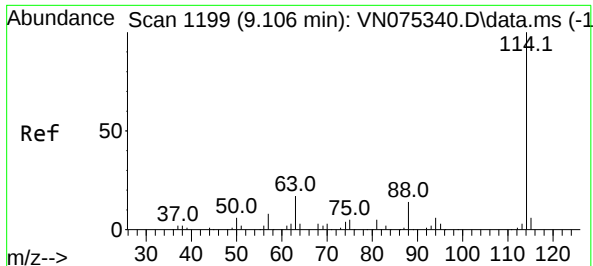
Tgt Ion:168 Resp: 129712
Ion Ratio Lower Upper
168 100
99 56.1 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: 58.406 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion: 65 Resp: 40667
Ion Ratio Lower Upper
65 100
67 51.8 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: VN075469.D

Acq: 29 Nov 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

RW9-PT-OUT01-11282022

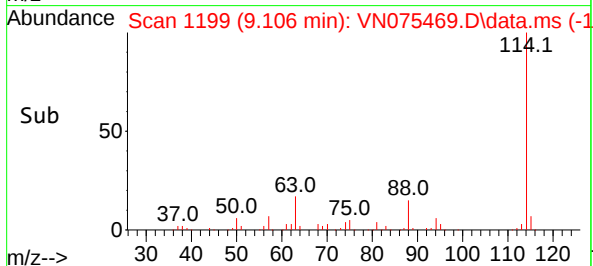
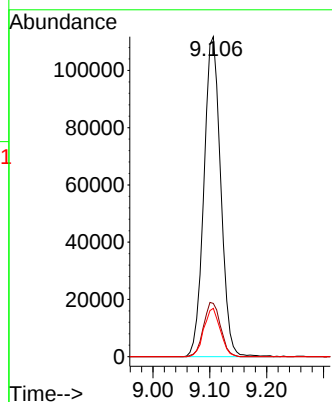
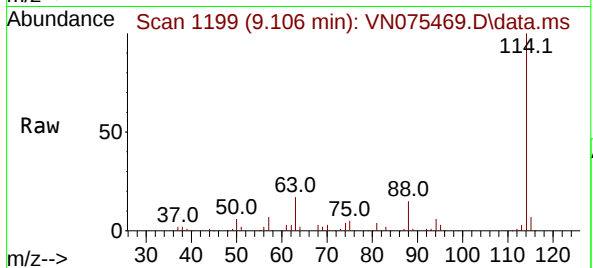
Tgt Ion:114 Resp: 228891

Ion Ratio Lower Upper

114 100

63 16.6 0.0 39.6

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.200 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075469.D

Acq: 29 Nov 2022 12:28

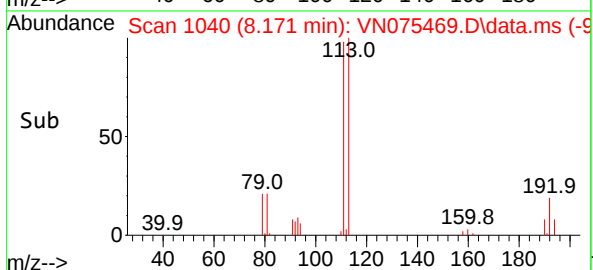
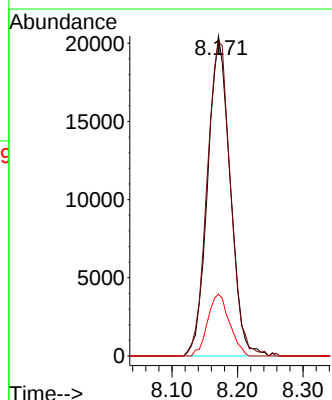
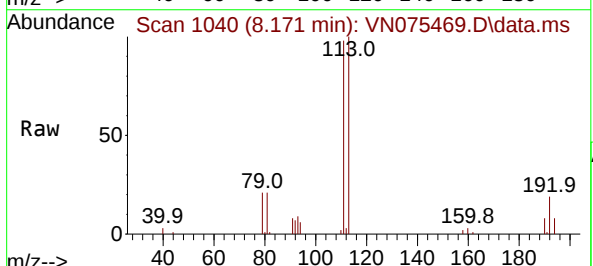
Tgt Ion:113 Resp: 48734

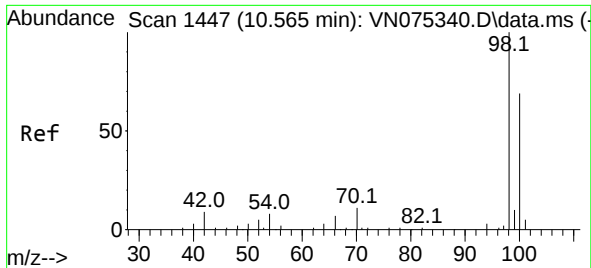
Ion Ratio Lower Upper

113 100

111 102.3 80.5 120.7

192 18.7 13.2 19.8

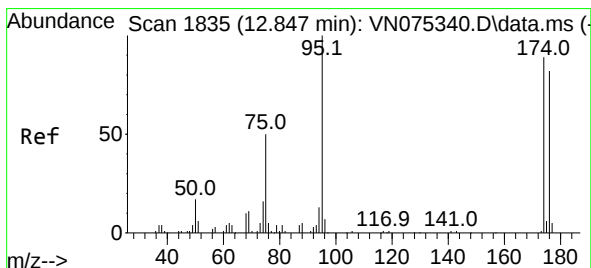
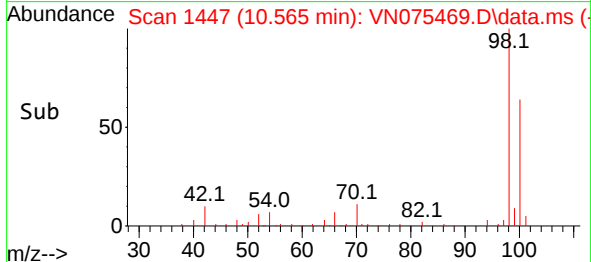
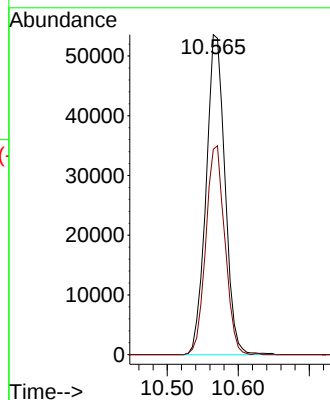
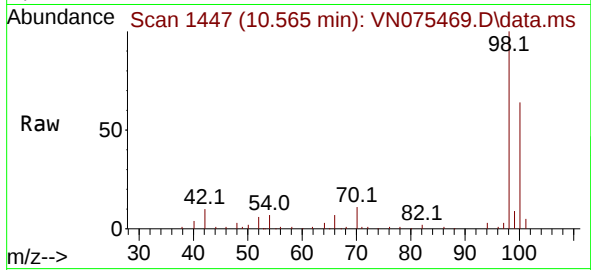




#50
Toluene-d8
Concen: 48.887 ug/l
RT: 10.565 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

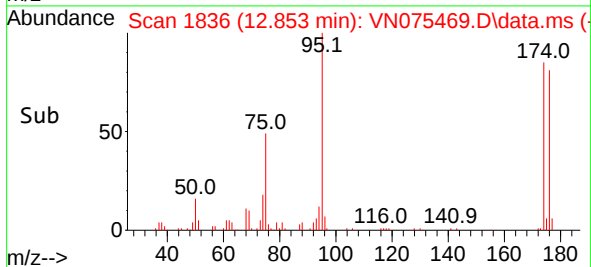
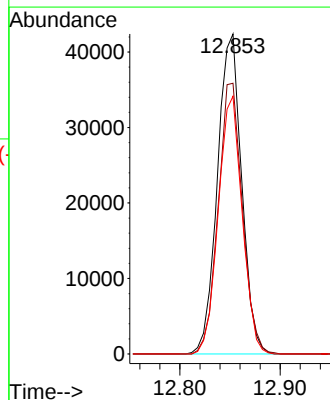
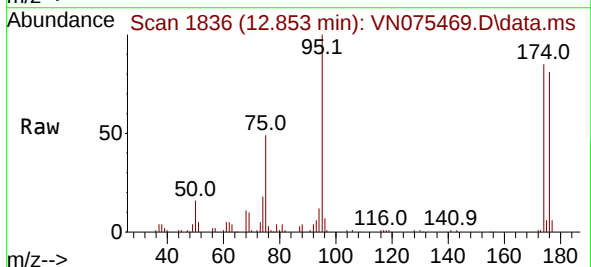
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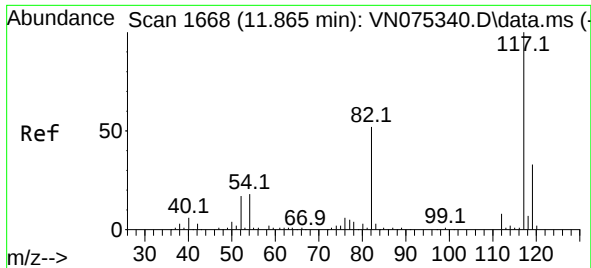
Tgt Ion: 98 Resp: 99003
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 47.665 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion: 95 Resp: 71249
Ion Ratio Lower Upper
95 100
174 84.4 0.0 147.4
176 79.2 0.0 142.2

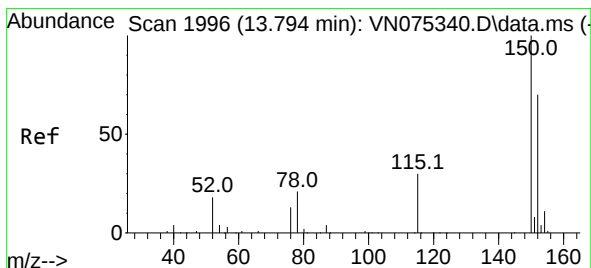
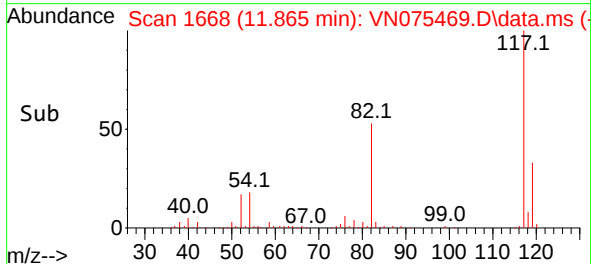
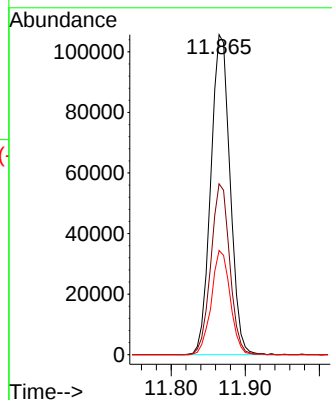
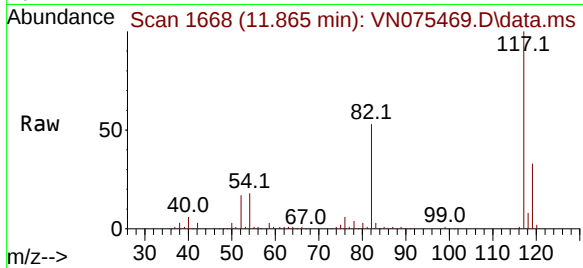




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN075469.D
Acq: 29 Nov 2022 12:28

Instrument :
MSVOA_N
ClientSampleId :
RW9-PT-OUT01-11282022

Tgt Ion:	117	Resp:	190851
Ion Ratio	Lower	Upper	
117	100		
82	53.4	43.1	64.7
119	32.6	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: VN075469.D
Acq: 29 Nov 2022 12:28

Tgt Ion:	152	Resp:	72960
Ion Ratio	Lower	Upper	
152	100		
115	60.2	30.2	90.6
150	158.8	0.0	348.4

