

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112823\
 Data File : VN080299.D
 Acq On : 28 Nov 2023 16:15
 Operator : JC\MD
 Sample : 05561-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A821

Quant Time: Nov 29 00:39:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

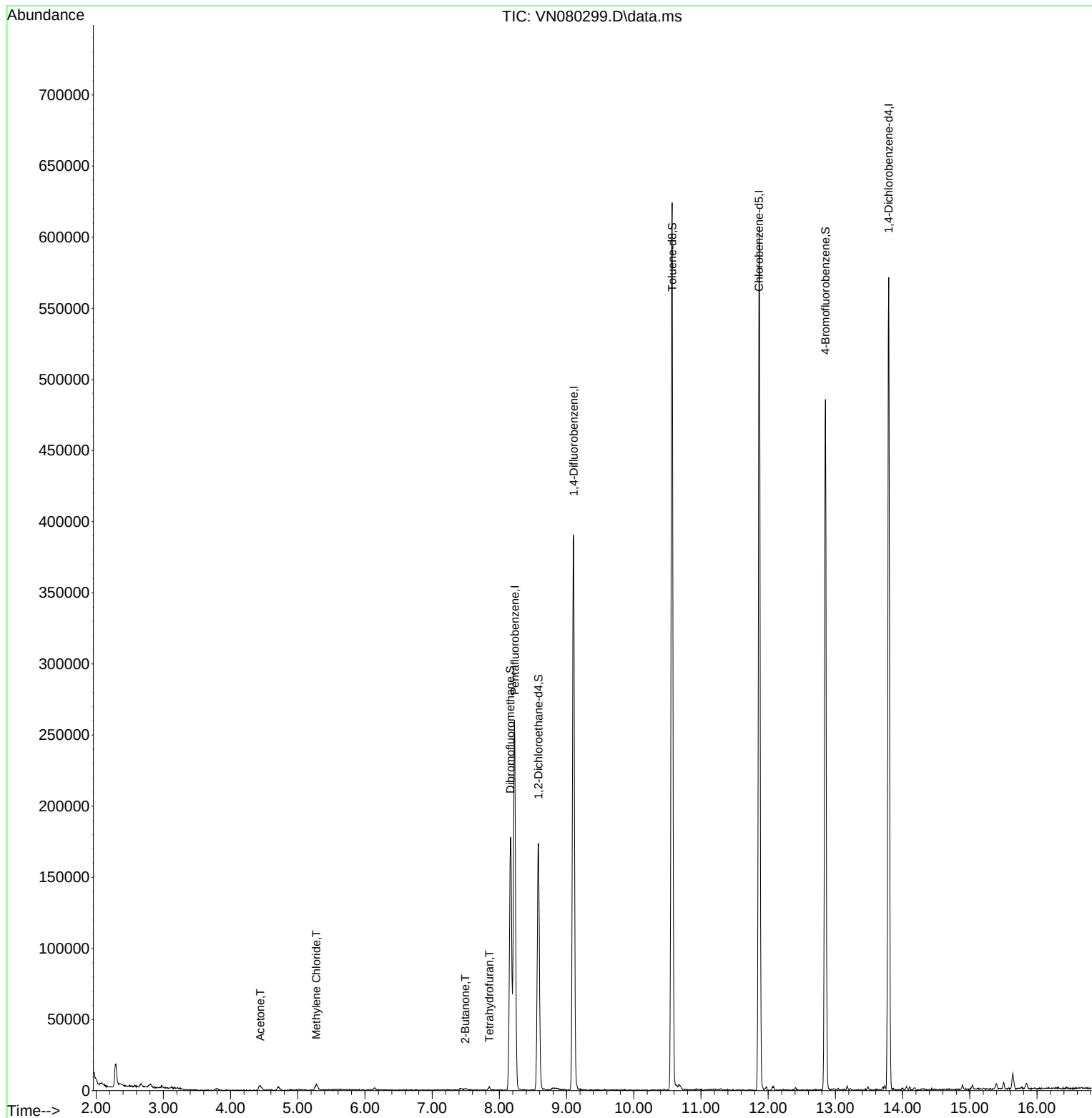
Internal Standards						
1) Pentafluorobenzene	8.230	168	178066	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	334380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	353863	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	153974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158088	53.769	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.540%	
35) Dibromofluoromethane	8.165	113	127218	51.562	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.120%	
50) Toluene-d8	10.571	98	442018	49.698	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.853	95	171399	51.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.040%	
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	6536	6.619	ug/l #	88
20) Methylene Chloride	5.277	84	3594	1.738	ug/l #	92
25) 2-Butanone	7.494	43	2091	1.782	ug/l #	68
29) Tetrahydrofuran	7.853	42	1292	2.051	ug/l #	74

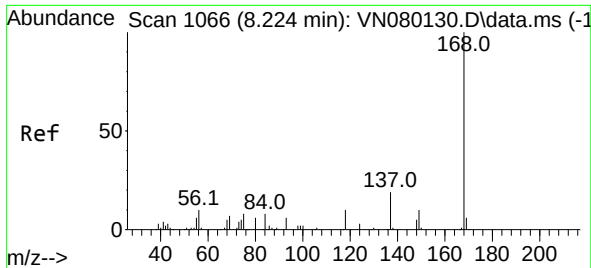
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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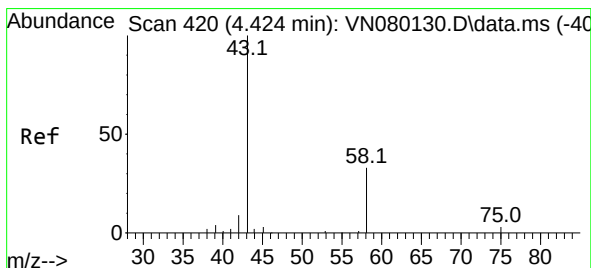
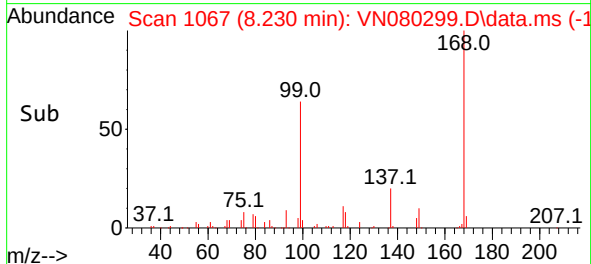
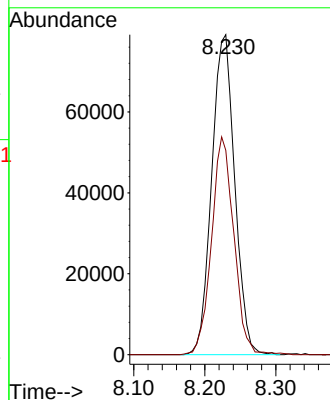
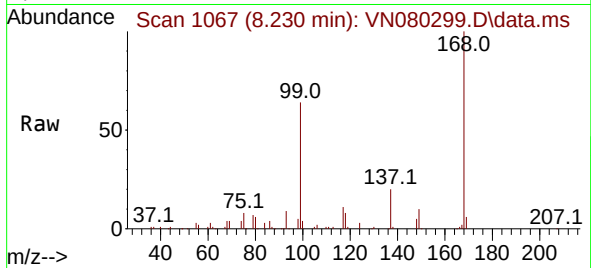




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080299.D
Acq: 28 Nov 2023 16:15

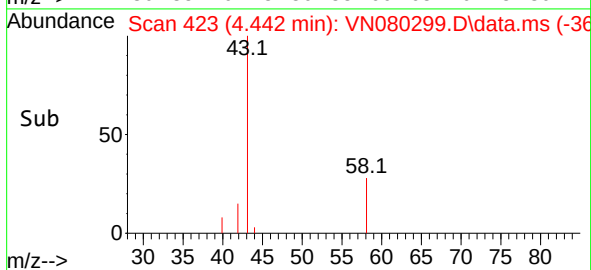
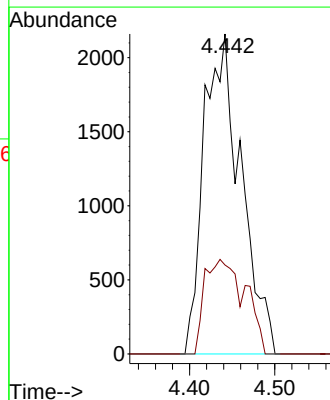
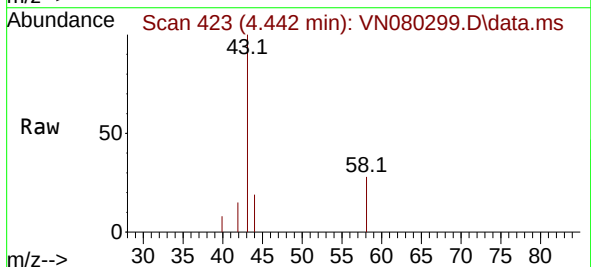
Instrument :
MSVOA_N
ClientSampleId :
A821

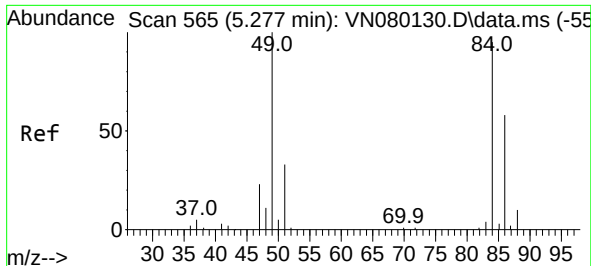
Tgt Ion:168 Resp: 178066
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#16
Acetone
Concen: 6.619 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN080299.D
Acq: 28 Nov 2023 16:15

Tgt Ion: 43 Resp: 6536
Ion Ratio Lower Upper
43 100
58 27.8 28.0 42.0#

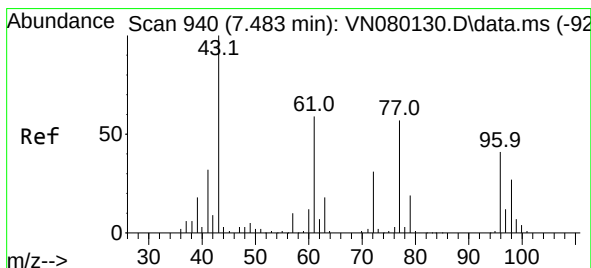
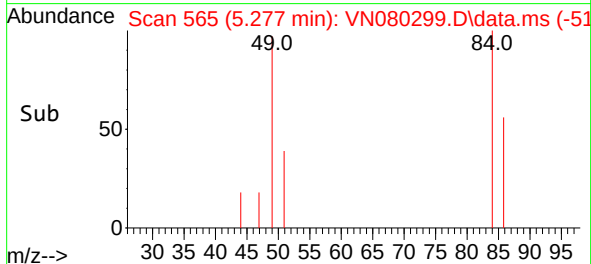
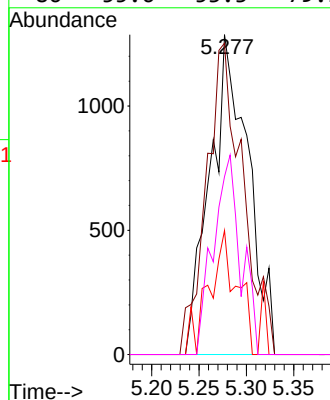
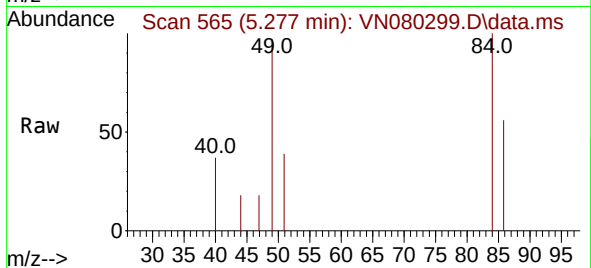




#20
Methylene Chloride
Concen: 1.738 ug/l
RT: 5.277 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN080299.D
Acq: 28 Nov 2023 16:15

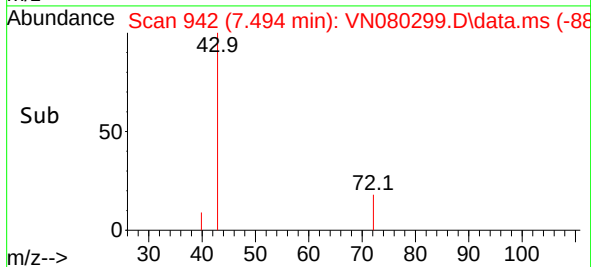
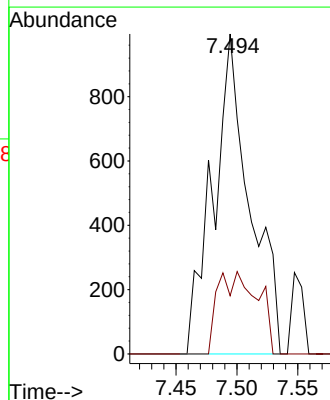
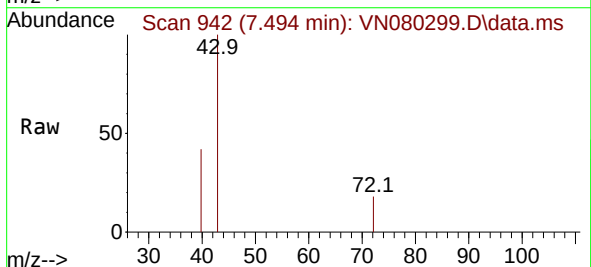
Instrument :
MSVOA_N
ClientSampleId :
A821

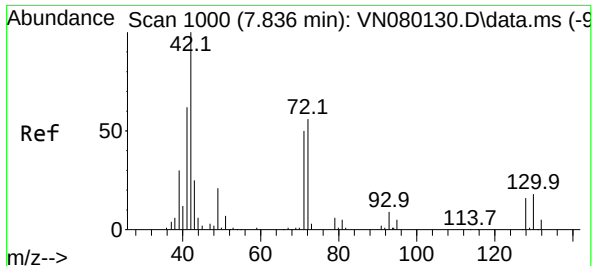
Tgt Ion: 84	Resp: 3594
Ion Ratio	Lower Upper
84 100	
49 97.4	79.7 119.5
51 38.8	25.2 37.8#
86 55.6	53.3 79.9



#25
2-Butanone
Concen: 1.782 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN080299.D
Acq: 28 Nov 2023 16:15

Tgt Ion: 43	Resp: 2091
Ion Ratio	Lower Upper
43 100	
72 18.2	30.2 45.2#





#29

Tetrahydrofuran

Concen: 2.051 ug/l

RT: 7.853 min Scan# 1003

Delta R.T. 0.018 min

Lab File: VN080299.D

Acq: 28 Nov 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

A821

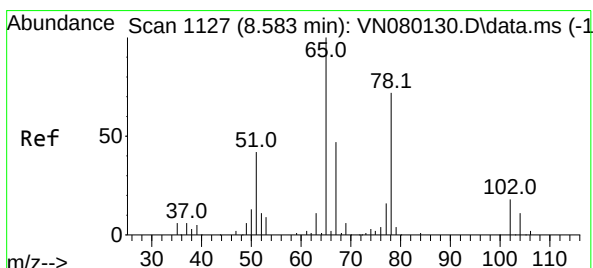
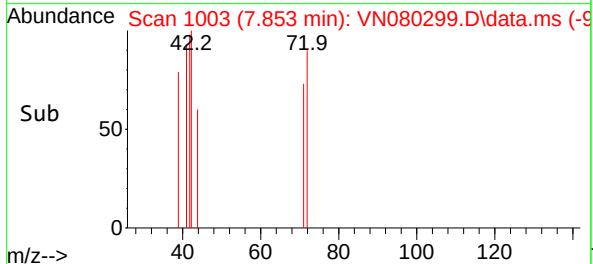
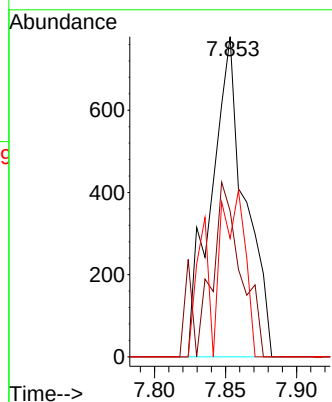
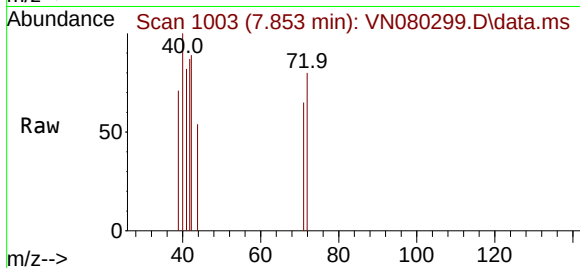
Tgt Ion: 42 Resp: 1292

Ion Ratio Lower Upper

42 100

72 45.5 49.8 74.6#

71 35.8 47.4 71.2#



#33

1,2-Dichloroethane-d4

Concen: 53.769 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080299.D

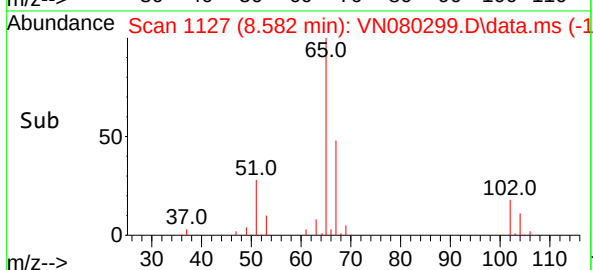
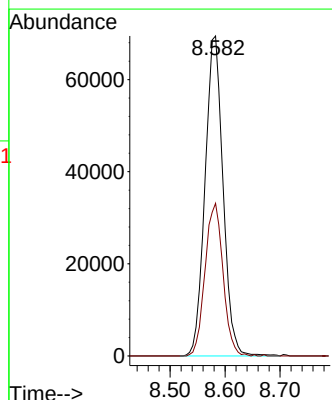
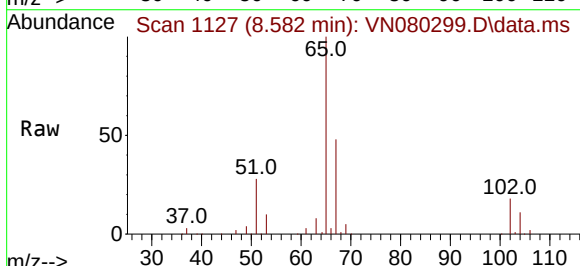
Acq: 28 Nov 2023 16:15

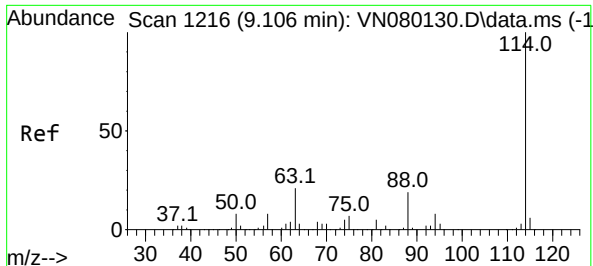
Tgt Ion: 65 Resp: 158088

Ion Ratio Lower Upper

65 100

67 47.6 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080299.D

Acq: 28 Nov 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

A821

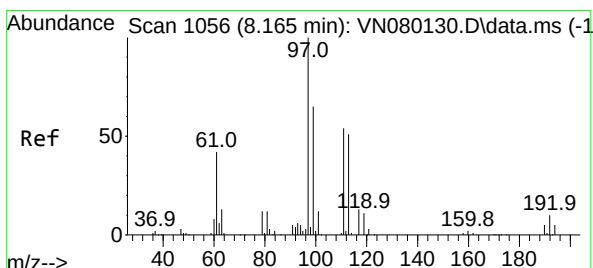
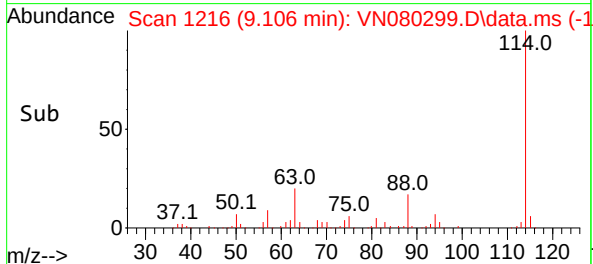
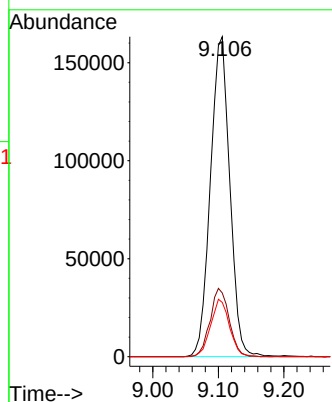
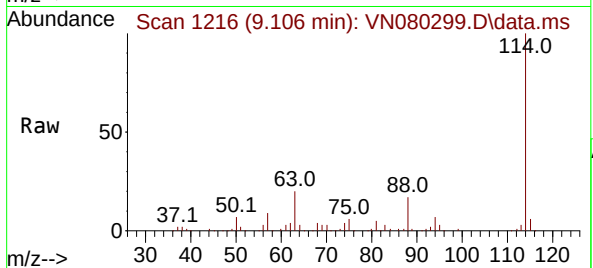
Tgt Ion:114 Resp: 334380

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.562 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080299.D

Acq: 28 Nov 2023 16:15

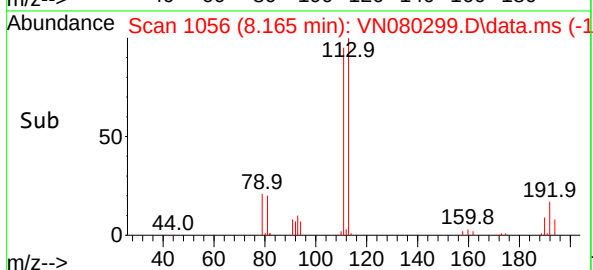
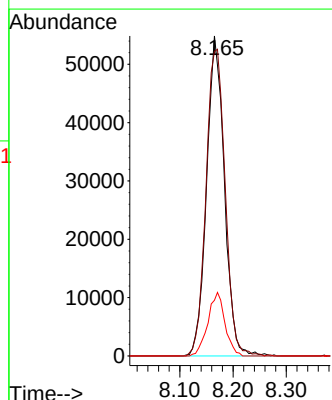
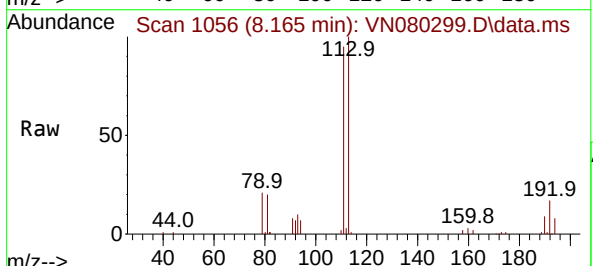
Tgt Ion:113 Resp: 127218

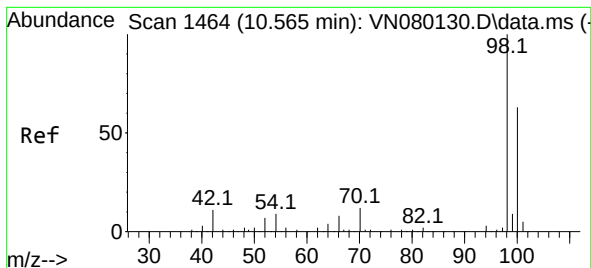
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 19.2 12.7 19.1#





#50

Toluene-d8

Concen: 49.698 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080299.D

Acq: 28 Nov 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

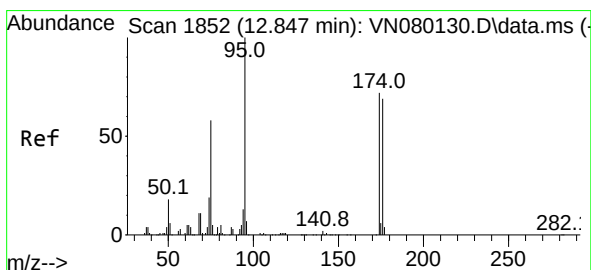
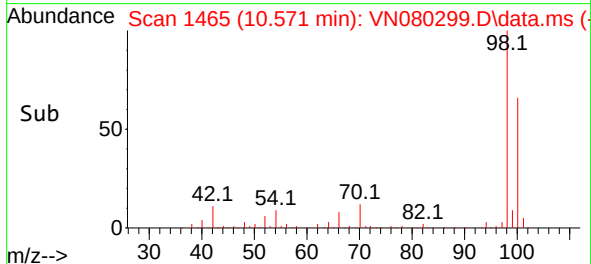
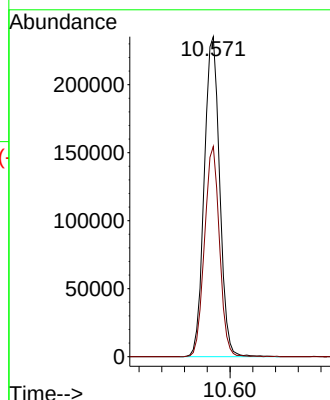
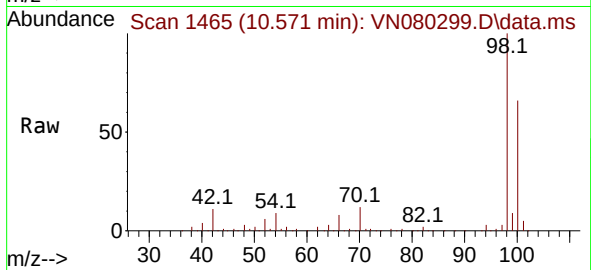
A821

Tgt Ion: 98 Resp: 442018

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 51.020 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080299.D

Acq: 28 Nov 2023 16:15

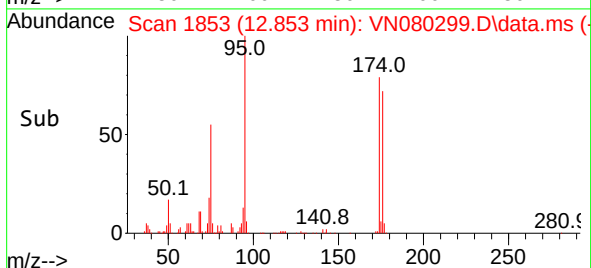
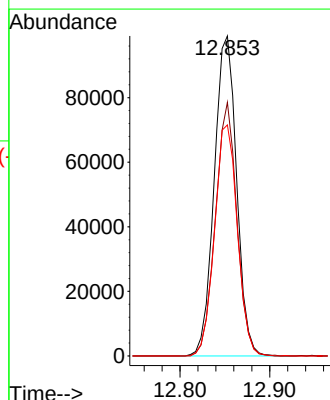
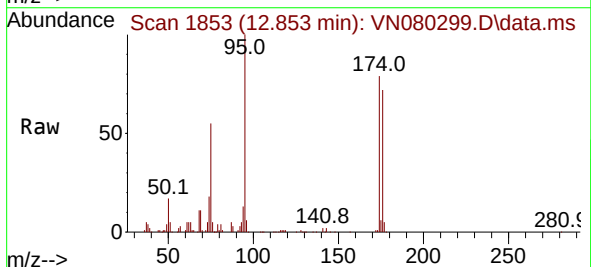
Tgt Ion: 95 Resp: 171399

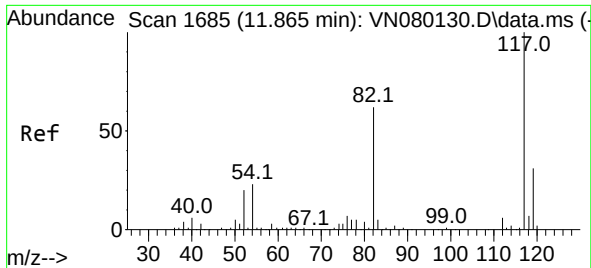
Ion Ratio Lower Upper

95 100

174 76.1 0.0 143.8

176 73.6 0.0 135.8

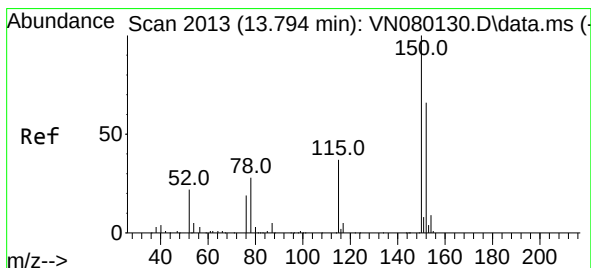
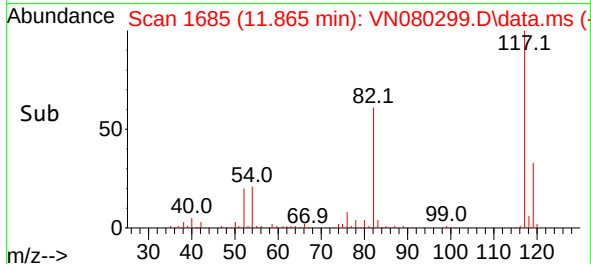
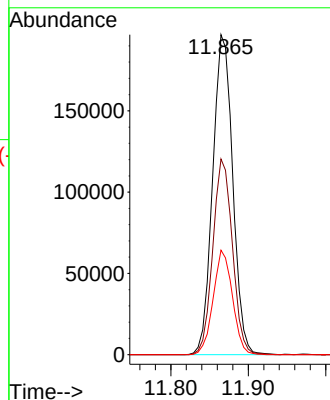
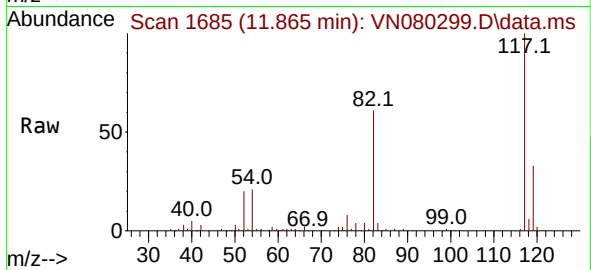




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080299.D
Acq: 28 Nov 2023 16:15

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A821

Tgt Ion:117 Resp: 353863
Ion Ratio Lower Upper
117 100
82 61.2 44.0 66.0
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080299.D
Acq: 28 Nov 2023 16:15

Tgt Ion:152 Resp: 153974
Ion Ratio Lower Upper
152 100
115 66.8 32.3 96.8
150 157.3 0.0 355.8

