

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080165.D
 Acq On : 17 Nov 2023 16:05
 Operator : JC\MD
 Sample : 05449-30
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SED-02-G

Quant Time: Nov 18 02:32:20 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)

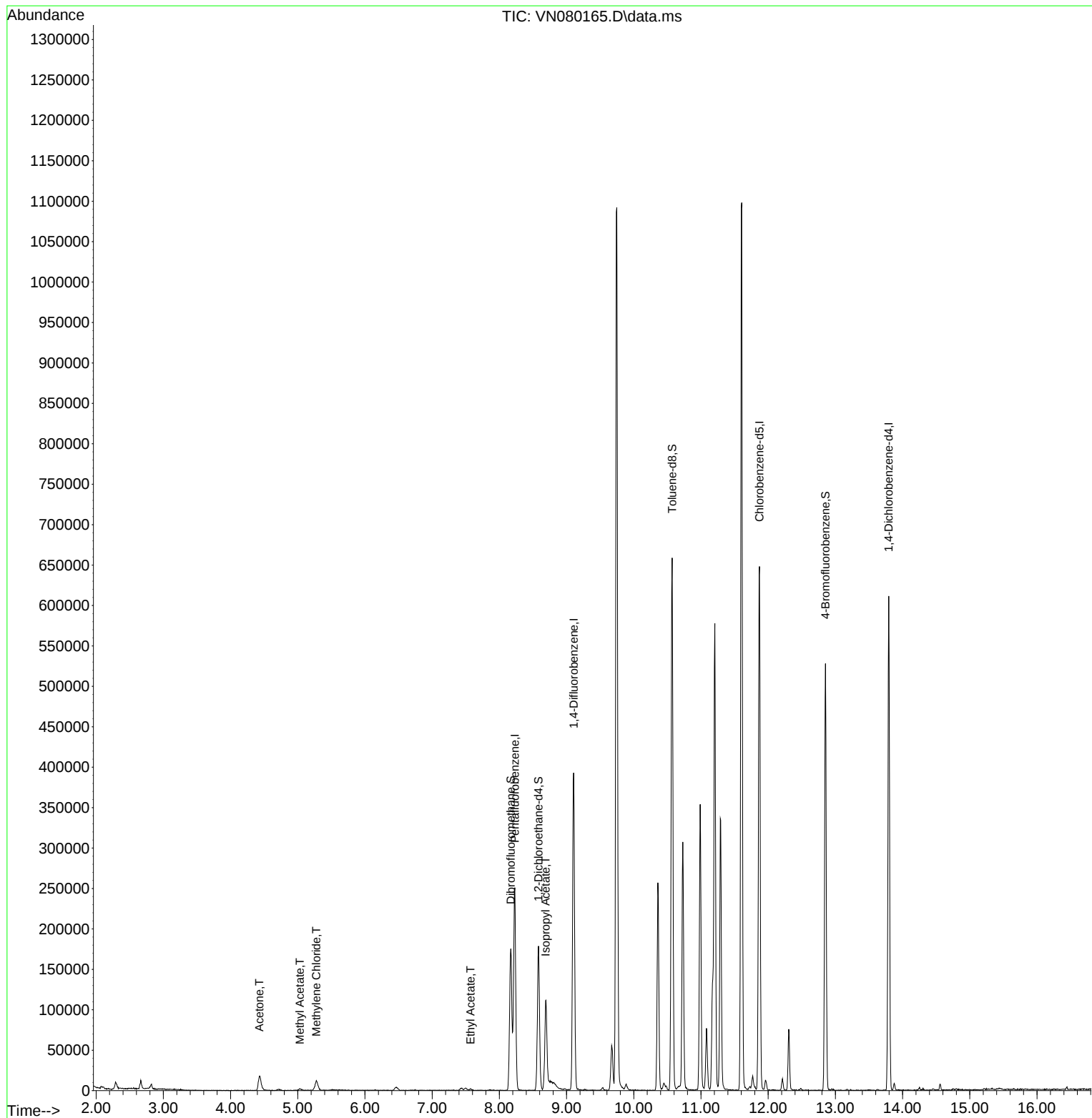
Internal Standards						
1) Pentafluorobenzene	8.230	168	172558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	328925	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	368372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	159786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158216	55.530	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.060%			
35) Dibromofluoromethane	8.171	113	123482	50.878	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	10.571	98	457905	52.338	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	12.853	95	178258	53.942	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.880%			
Target Compounds					Qvalue	
16) Acetone	4.430	43	34774	36.337	ug/l	99
18) Methyl Acetate	5.030	43	3555	1.156	ug/l #	87
20) Methylene Chloride	5.277	84	9300	4.641	ug/l	87
37) Ethyl Acetate	7.571	43	3187	1.308	ug/l #	76
43) Isopropyl Acetate	8.688	43	130396	27.492	ug/l #	84

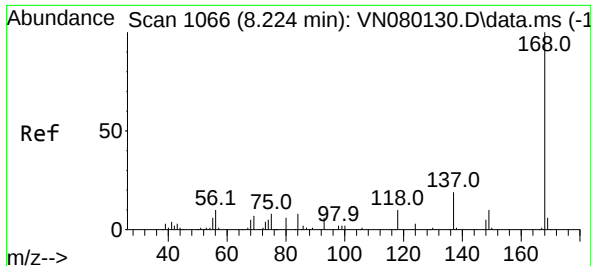
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

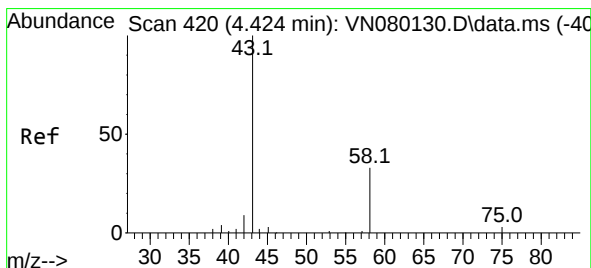
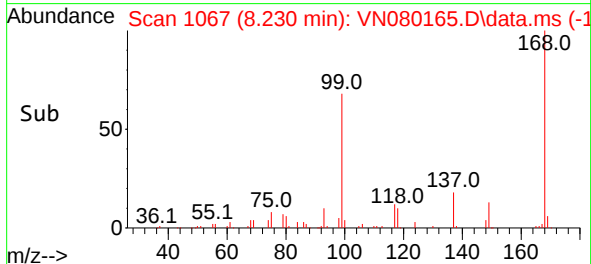
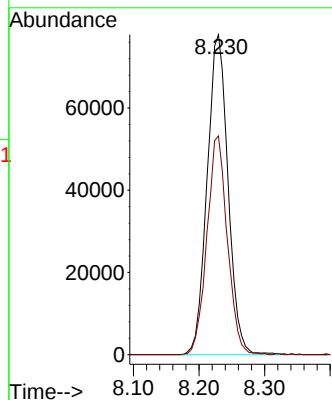
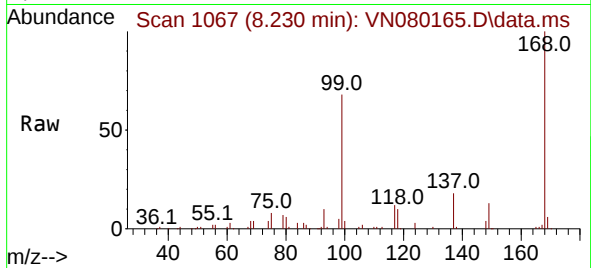




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080165.D
Acq: 17 Nov 2023 16:05

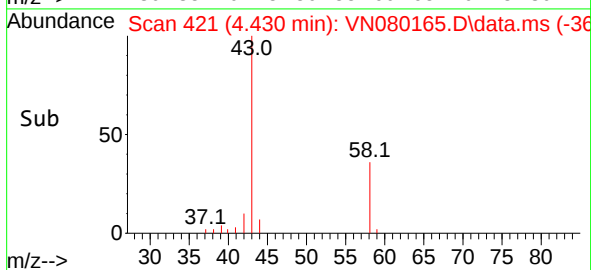
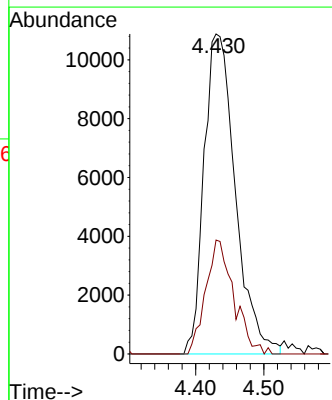
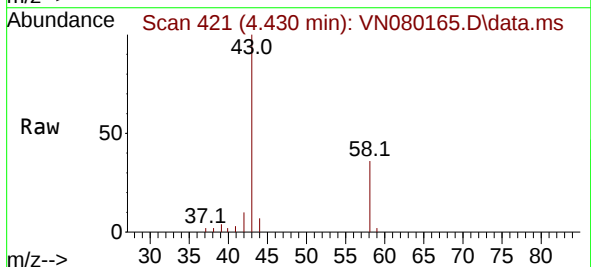
Instrument :
MSVOA_N
ClientSampleId :
WC-SED-02-G

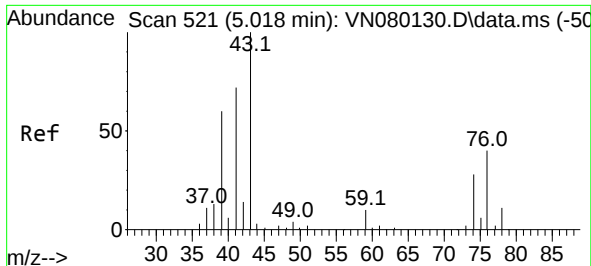
Tgt Ion:168 Resp: 172558
Ion Ratio Lower Upper
168 100
99 68.3 53.0 79.6



#16
Acetone
Concen: 36.337 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN080165.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 43 Resp: 34774
Ion Ratio Lower Upper
43 100
58 35.6 28.0 42.0





#18

Methyl Acetate

Concen: 1.156 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN080165.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

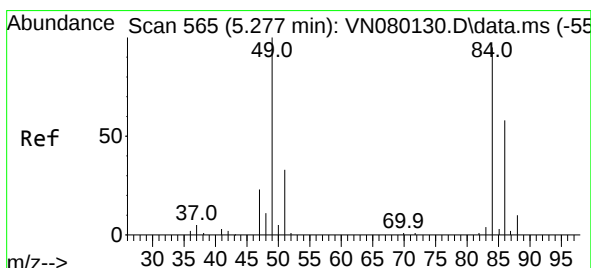
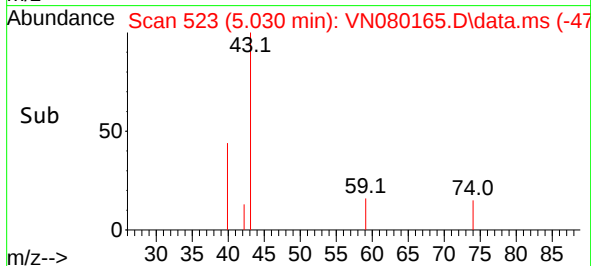
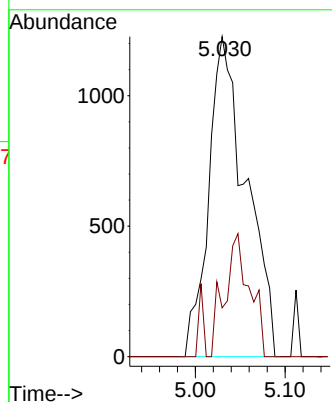
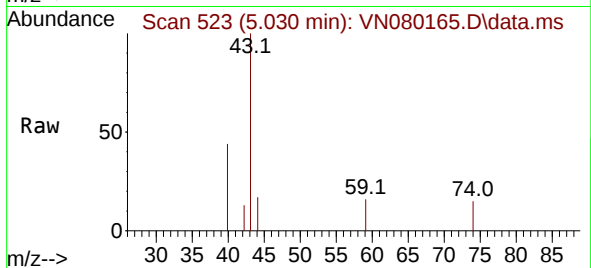
WC-SED-02-G

Tgt Ion: 43 Resp: 3555

Ion Ratio Lower Upper

43 100

74 25.7 26.2 39.4#



#20

Methylene Chloride

Concen: 4.641 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN080165.D

Acq: 17 Nov 2023 16:05

Tgt Ion: 84 Resp: 9300

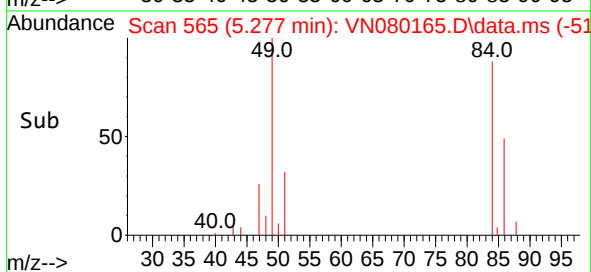
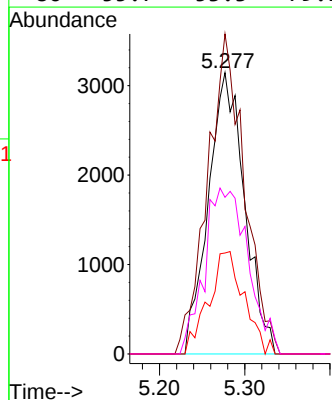
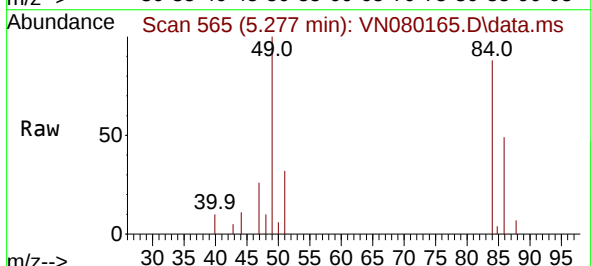
Ion Ratio Lower Upper

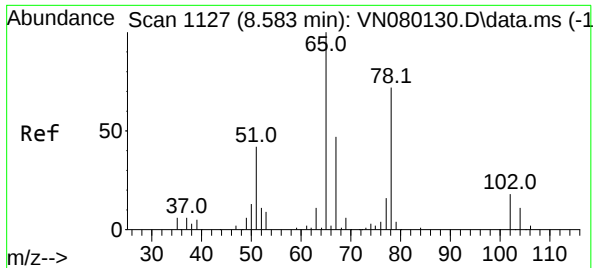
84 100

49 113.8 79.7 119.5

51 35.9 25.2 37.8

86 55.7 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 55.530 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080165.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

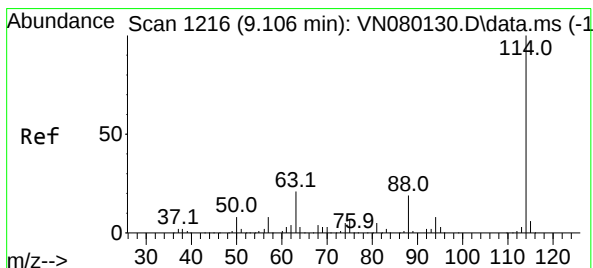
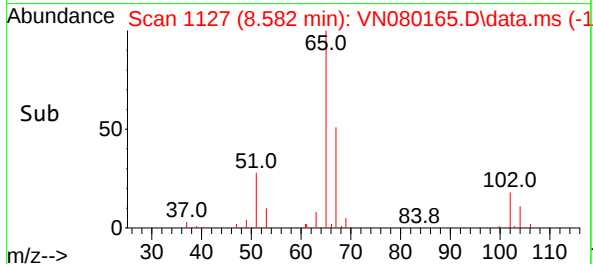
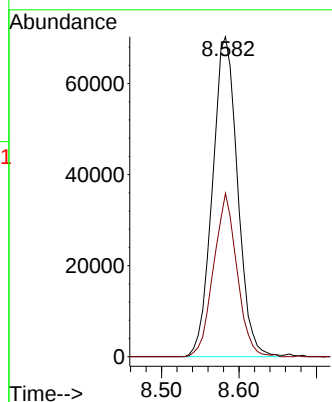
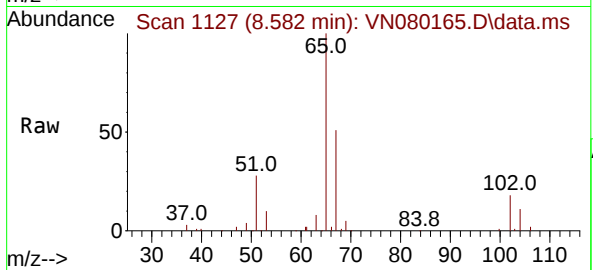
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Tgt Ion: 65 Resp: 158216

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# 1216

Delta R.T. -0.000 min

Lab File: VN080165.D

Acq: 17 Nov 2023 16:05

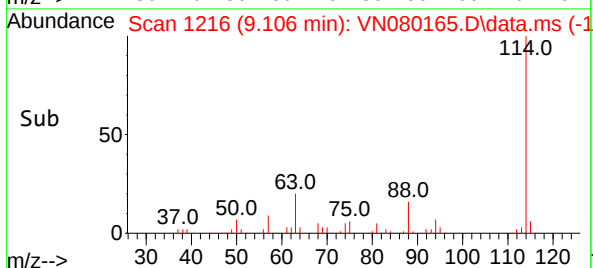
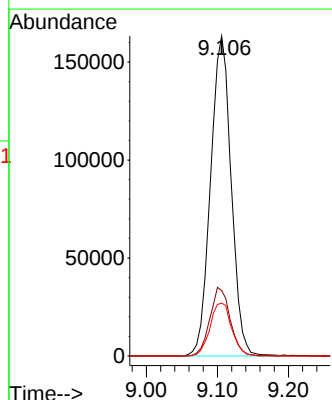
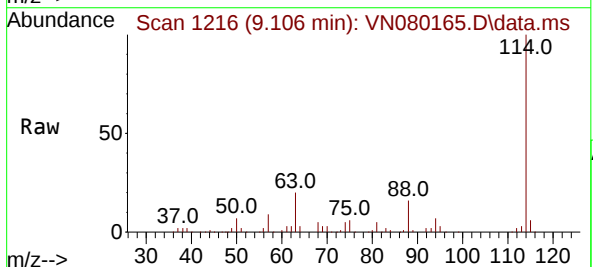
Tgt Ion: 114 Resp: 328925

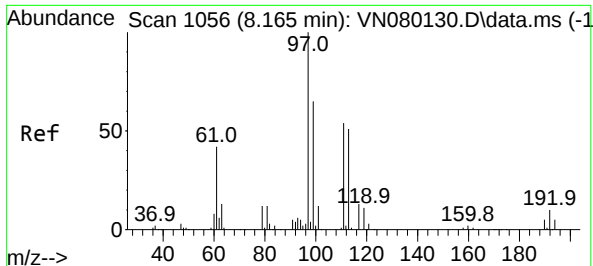
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.878 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN080165.D

Acq: 17 Nov 2023 16:05

Instrument :

MSVOA_N

ClientSampleId :

WC-SED-02-G

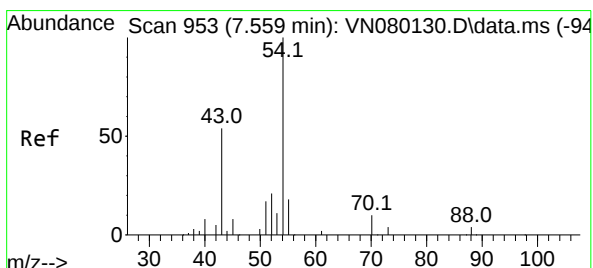
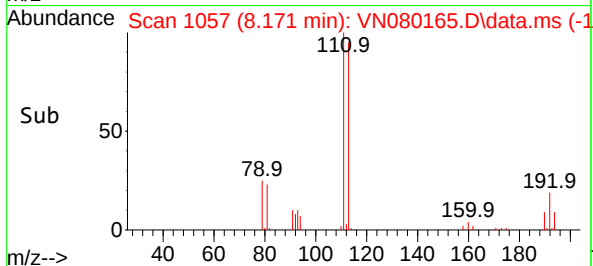
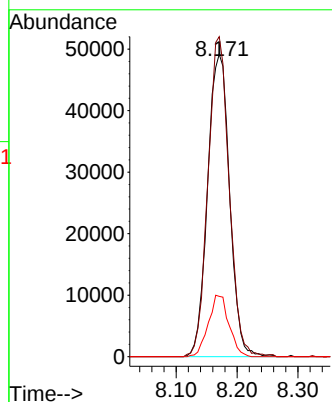
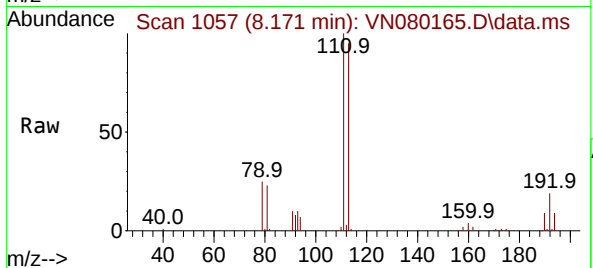
Tgt Ion:113 Resp: 123482

Ion Ratio Lower Upper

113 100

111 101.9 82.6 123.8

192 19.0 12.7 19.1



#37

Ethyl Acetate

Concen: 1.308 ug/l

RT: 7.571 min Scan# 955

Delta R.T. 0.012 min

Lab File: VN080165.D

Acq: 17 Nov 2023 16:05

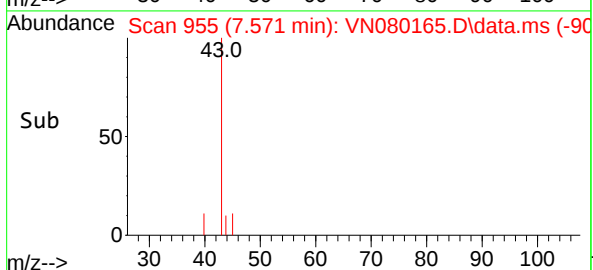
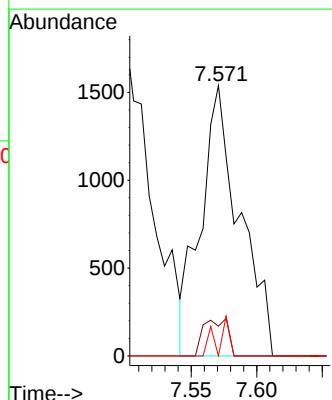
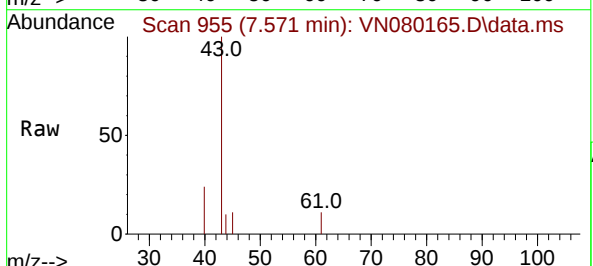
Tgt Ion: 43 Resp: 3187

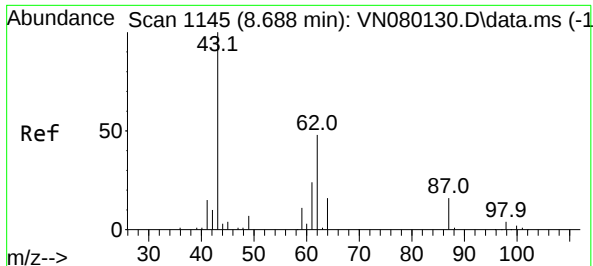
Ion Ratio Lower Upper

43 100

61 8.4 13.2 19.8#

70 1.9 11.3 16.9#

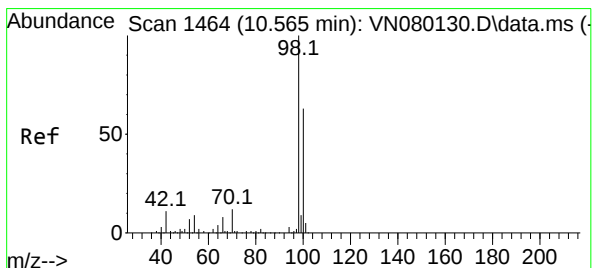
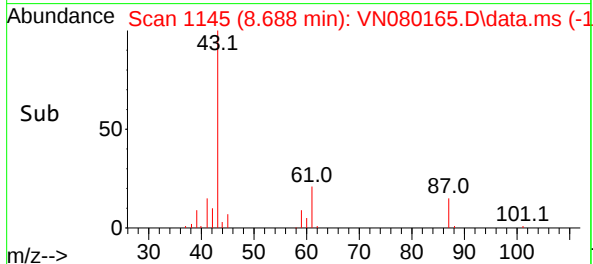
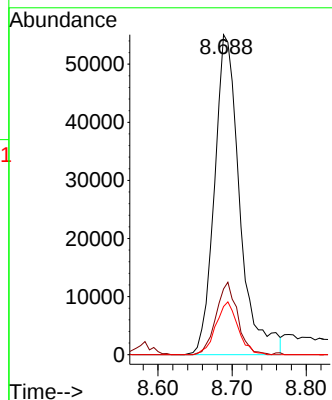
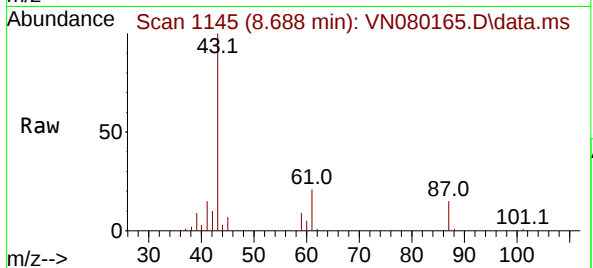




#43
Isopropyl Acetate
Concen: 27.492 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN080165.D
Acq: 17 Nov 2023 16:05

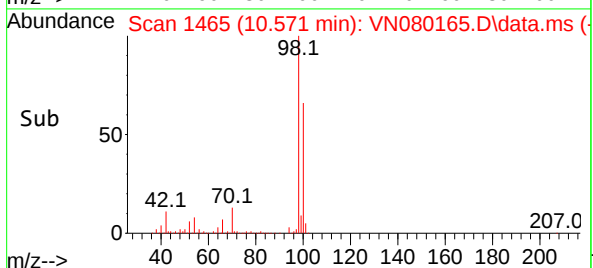
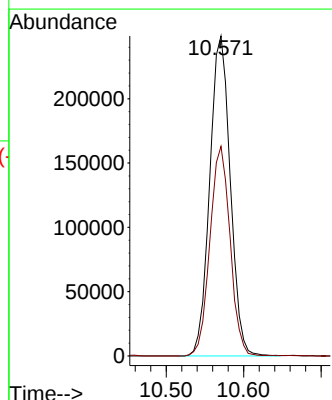
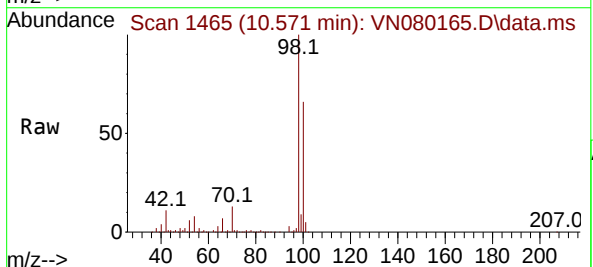
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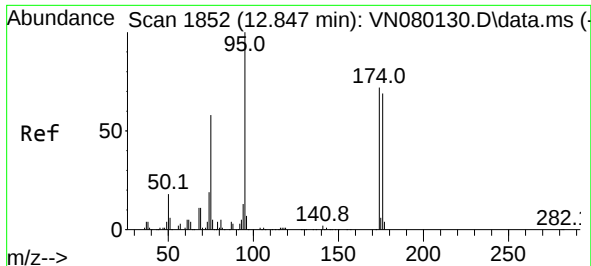
Tgt Ion: 43 Resp: 130396
Ion Ratio Lower Upper
43 100
61 19.2 24.7 37.1#
87 14.5 14.6 21.8#



#50
Toluene-d8
Concen: 52.338 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080165.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 98 Resp: 457905
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0

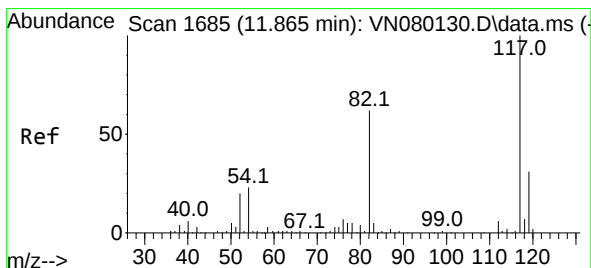
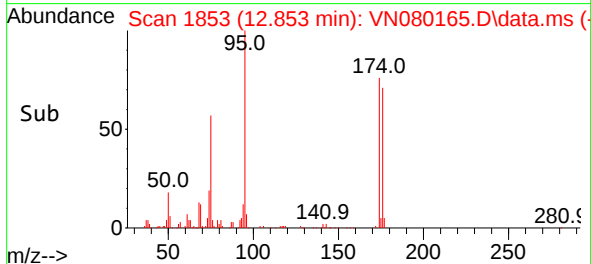
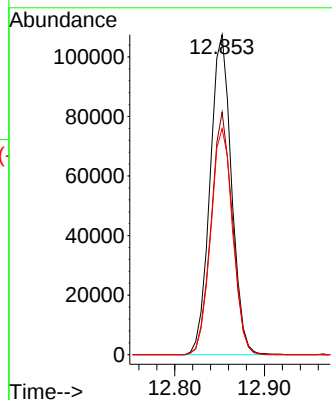
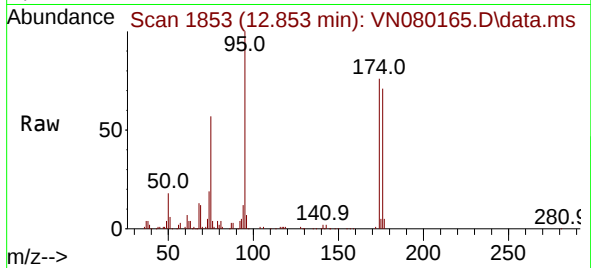




#62
4-Bromofluorobenzene
Concen: 53.942 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080165.D
Acq: 17 Nov 2023 16:05

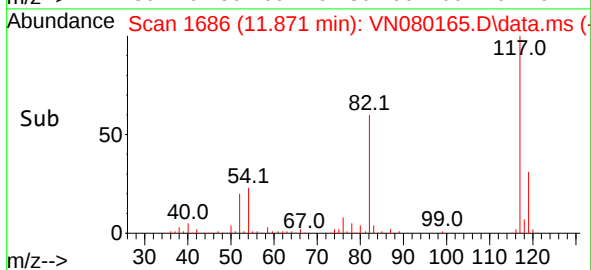
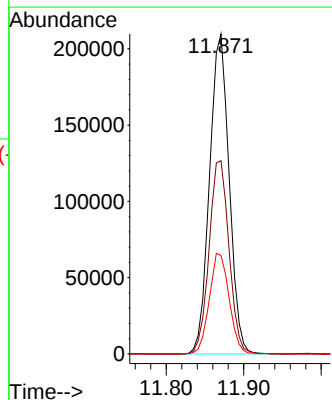
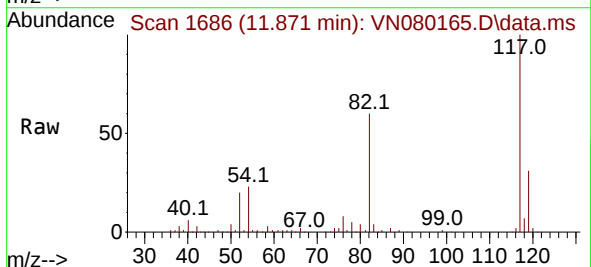
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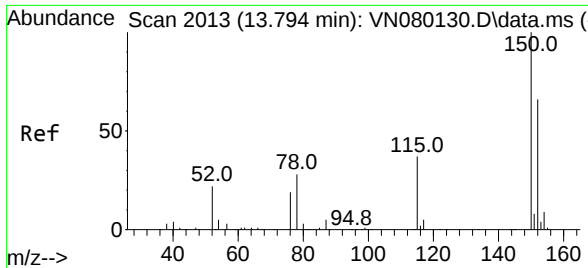
Tgt Ion: 95 Resp: 178258
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 72.5 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080165.D
Acq: 17 Nov 2023 16:05

Tgt Ion: 117 Resp: 368372
Ion Ratio Lower Upper
117 100
82 60.4 44.0 66.0
119 30.8 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080165.D
 Acq: 17 Nov 2023 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SED-02-G

Tgt Ion:152 Resp: 159786
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.3 96.8
 150 157.0 0.0 355.8

