

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077700.D
 Acq On : 16 May 2023 18:14
 Operator : JC\MD
 Sample : 02774-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-N-1

Quant Time: May 17 04:08:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

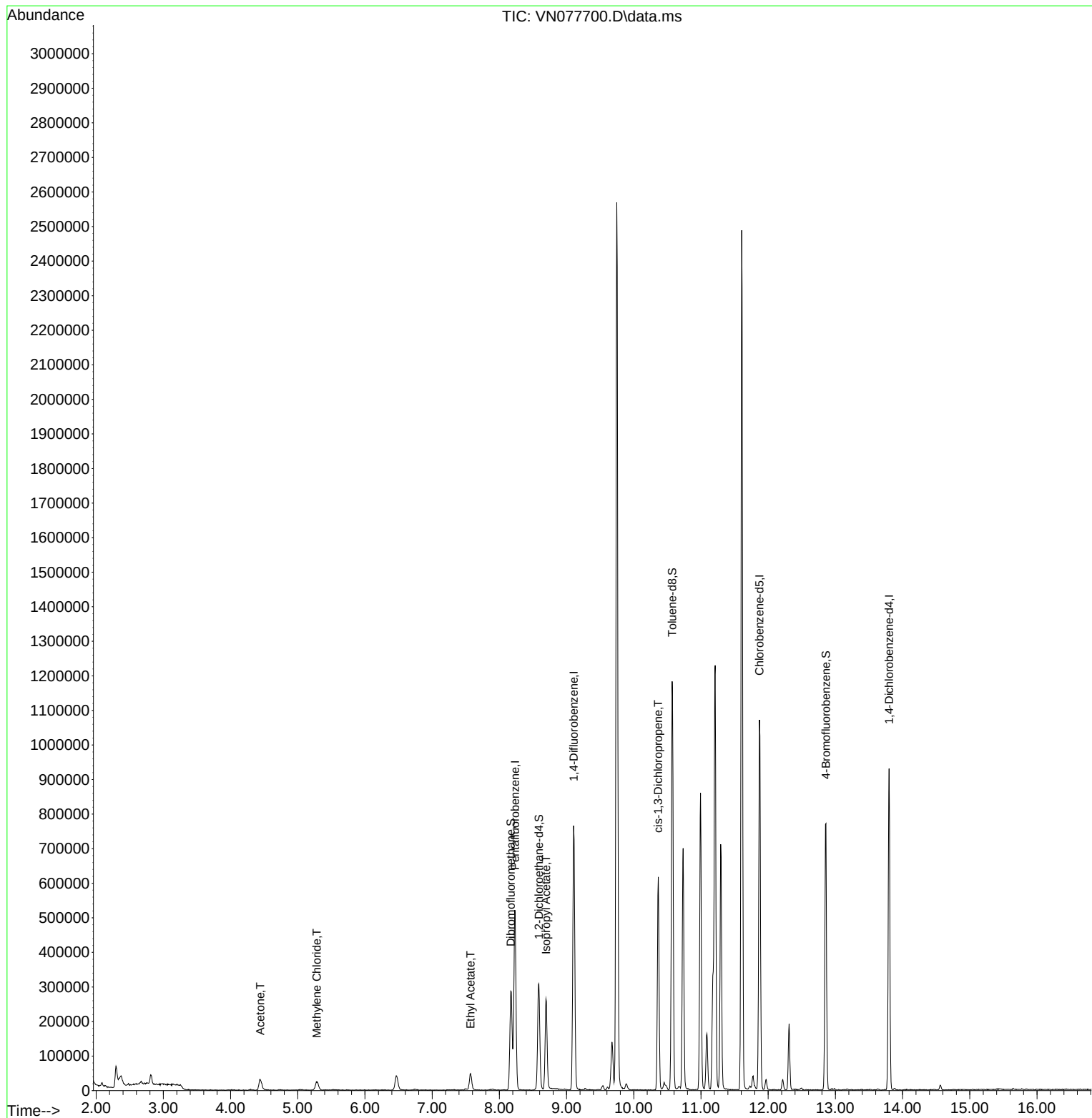
Internal Standards						
1) Pentafluorobenzene	8.235	168	365071	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	669064	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	622619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	240556	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	257695	47.176	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.360%
35) Dibromofluoromethane	8.171	113	210825	48.322	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.640%
50) Toluene-d8	10.570	98	837328	49.861	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.720%
62) 4-Bromofluorobenzene	12.859	95	283557	47.809	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.620%
Target Compounds						
					Qvalue	
16) Acetone	4.441	43	59904	34.857	ug/l	88
20) Methylene Chloride	5.283	84	20462	2.706	ug/l	89
37) Ethyl Acetate	7.571	43	72841	12.807	ug/l	97
43) Isopropyl Acetate	8.694	43	294095	31.656	ug/l #	84
54) cis-1,3-Dichloropropene	10.365	75	110542	14.395	ug/l #	68

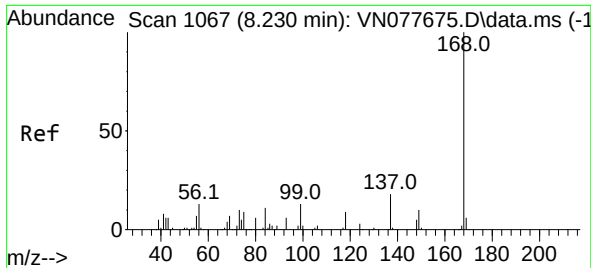
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.235 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN077700.D

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Instrument :

MSVOA_N

ClientSampleId :

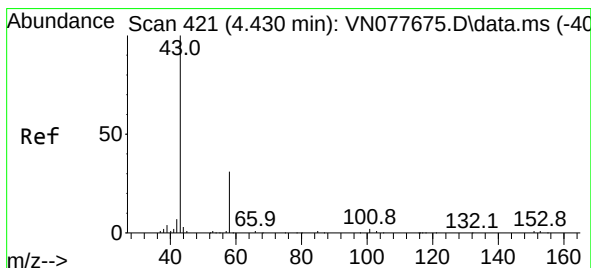
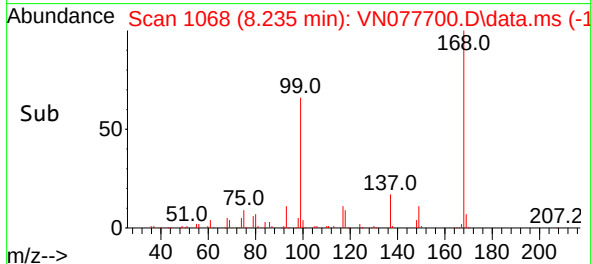
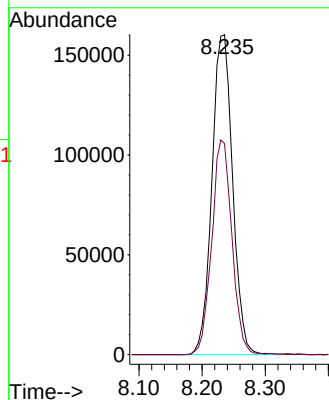
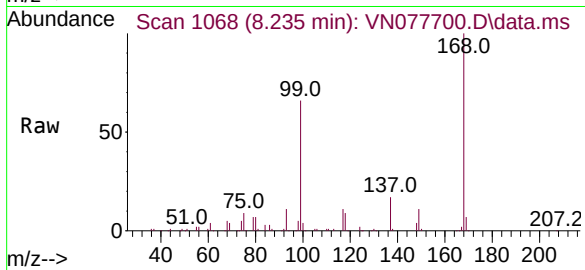
WC-N-1

Tgt Ion:168 Resp: 365071

Ion Ratio Lower Upper

168 100

99 65.9 53.0 79.6



#16

Acetone

Concen: 34.857 ug/l

RT: 4.441 min Scan# 423

Delta R.T. 0.011 min

Lab File: VN077700.D

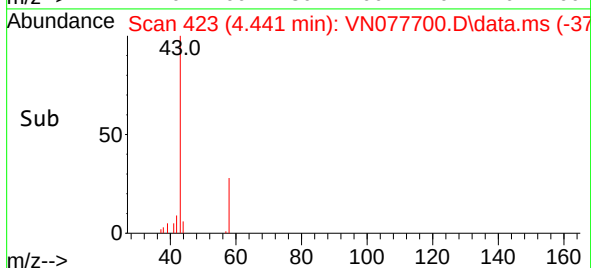
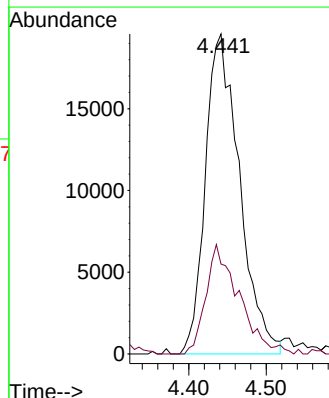
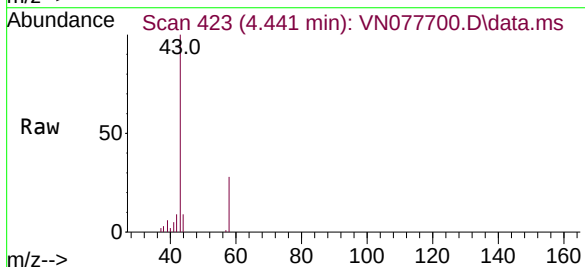
Acq: 16 May 2023 18:14

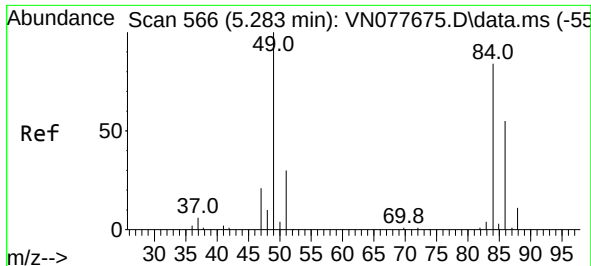
Tgt Ion: 43 Resp: 59904

Ion Ratio Lower Upper

43 100

58 28.1 28.0 42.0

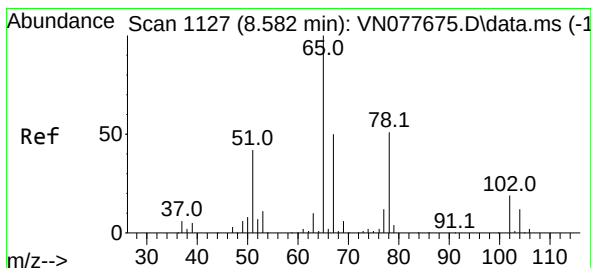
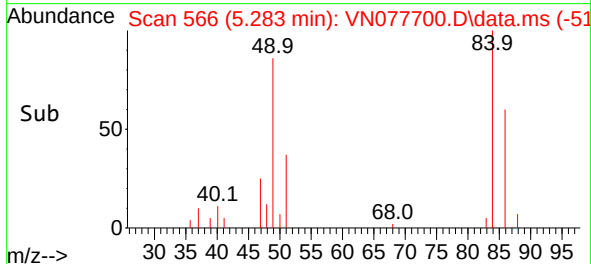
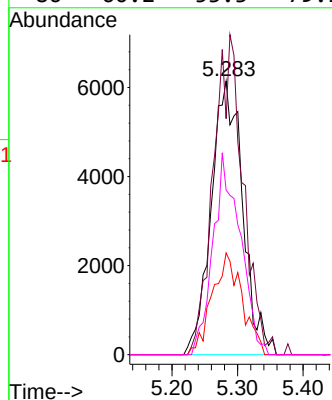
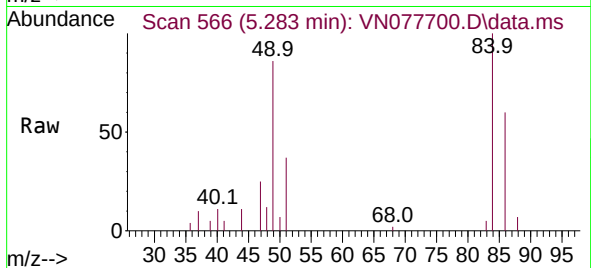




#20
Methylene Chloride
Concen: 2.706 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

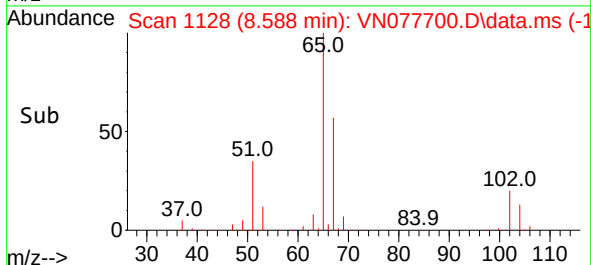
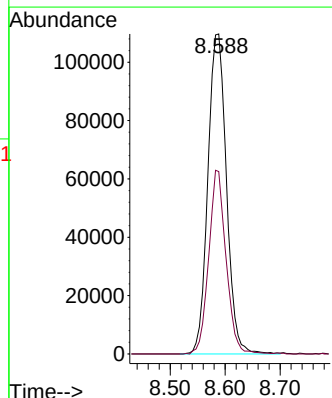
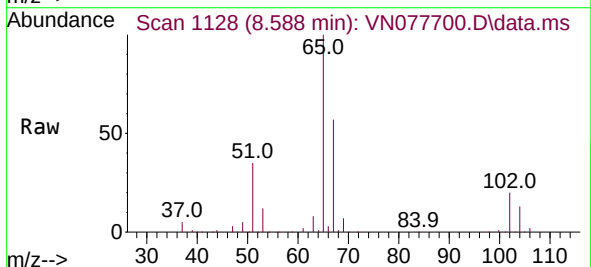
Instrument :
MSVOA_N
ClientSampleId :
WC-N-1

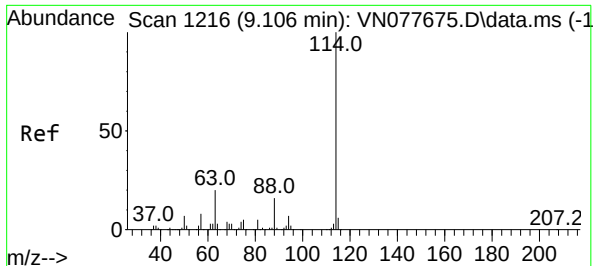
Tgt Ion:	84	Resp:	20462
Ion	Ratio	Lower	Upper
84	100		
49	86.2	79.7	119.5
51	37.2	25.2	37.8
86	60.2	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 47.176 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

Tgt Ion:	65	Resp:	257695
Ion	Ratio	Lower	Upper
65	100		
67	53.5	0.0	106.6

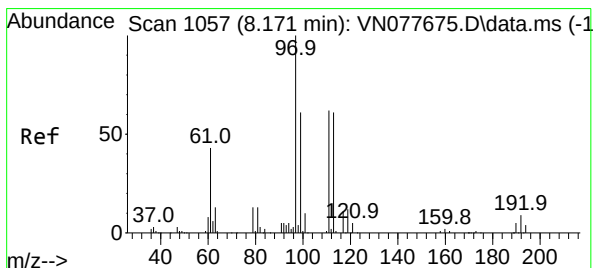
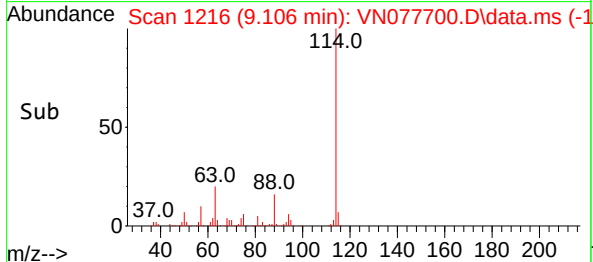
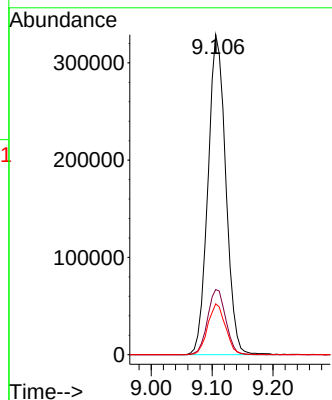
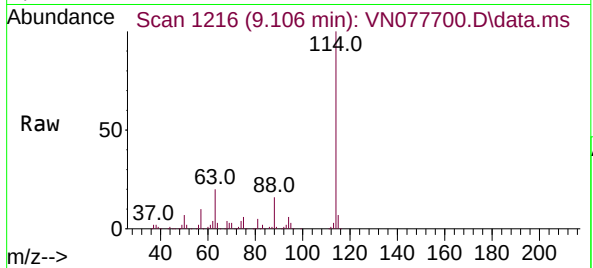




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

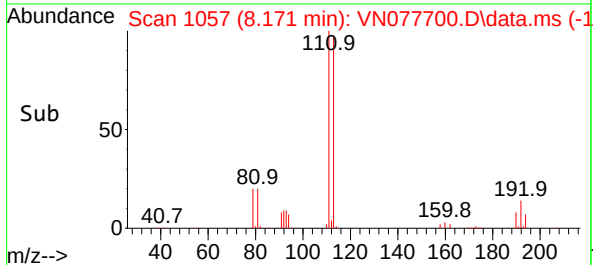
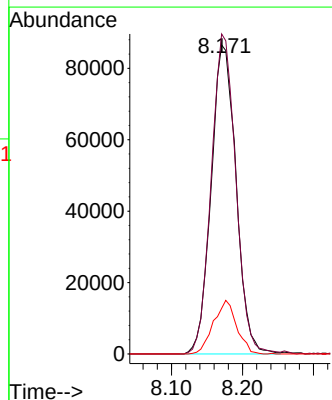
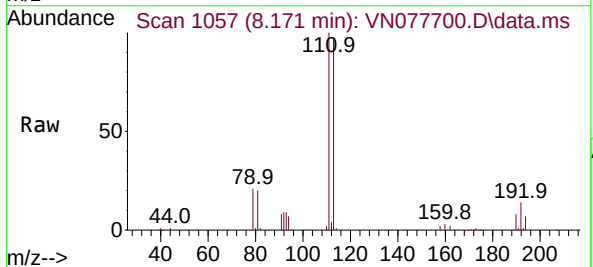
Instrument :
MSVOA_N
ClientSampleId :
WC-N-1

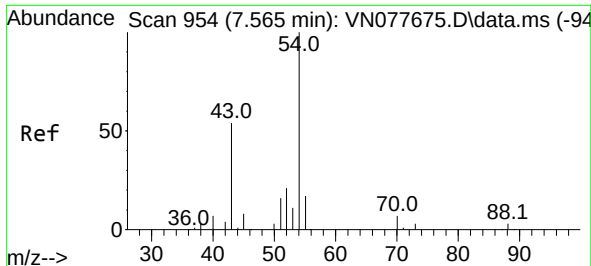
Tgt Ion:114 Resp: 669064
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 15.9 0.0 30.6



#35
Dibromofluoromethane
Concen: 48.322 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

Tgt Ion:113 Resp: 210825
Ion Ratio Lower Upper
113 100
111 101.8 82.6 123.8
192 16.1 12.7 19.1

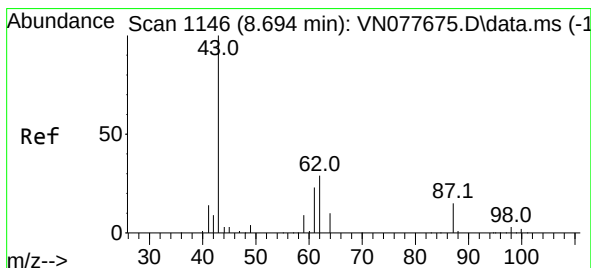
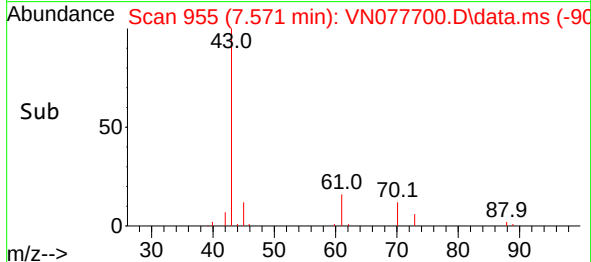
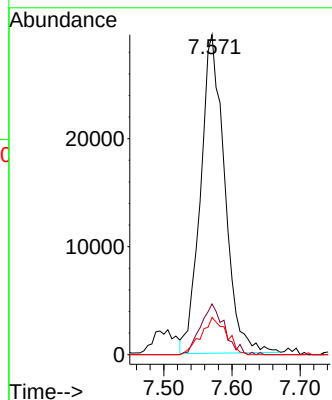
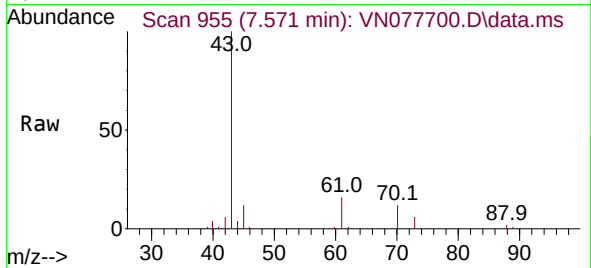




#37
Ethyl Acetate
Concen: 12.807 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

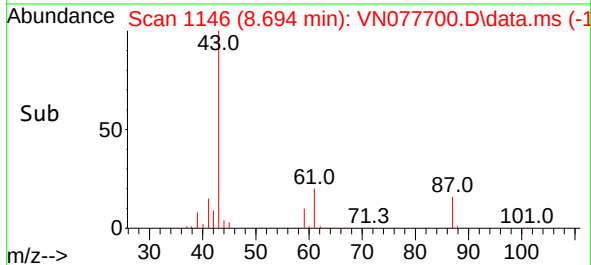
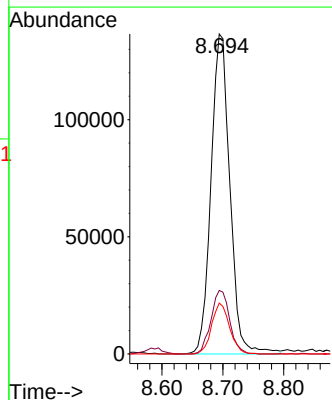
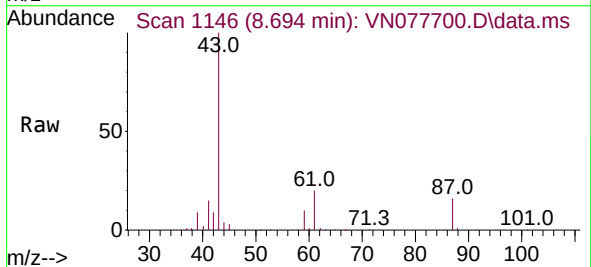
Instrument :
MSVOA_N
ClientSampleId :
WC-N-1

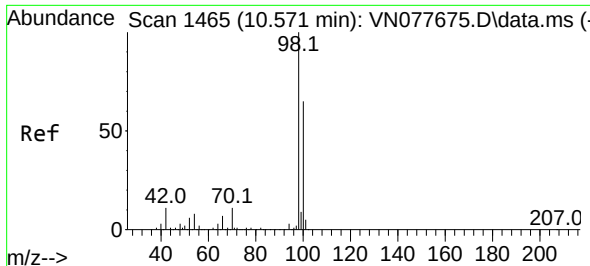
Tgt Ion: 43 Resp: 72841
Ion Ratio Lower Upper
43 100
61 15.6 13.2 19.8
70 12.2 11.3 16.9



#43
Isopropyl Acetate
Concen: 31.656 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

Tgt Ion: 43 Resp: 294095
Ion Ratio Lower Upper
43 100
61 19.7 24.7 37.1#
87 15.0 14.6 21.8

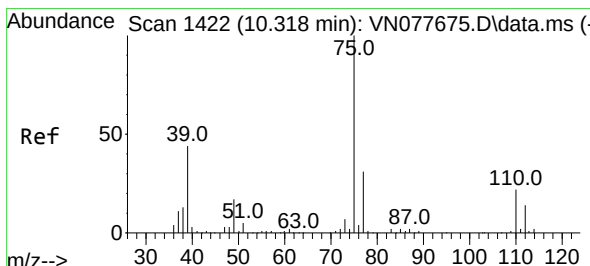
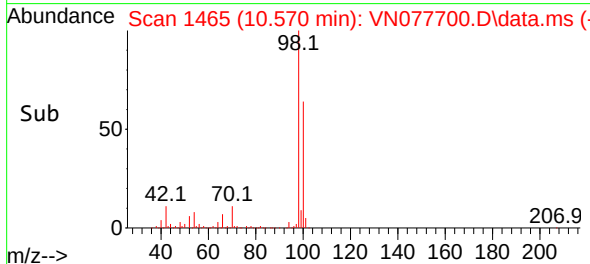
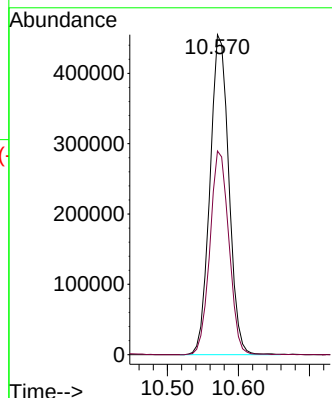
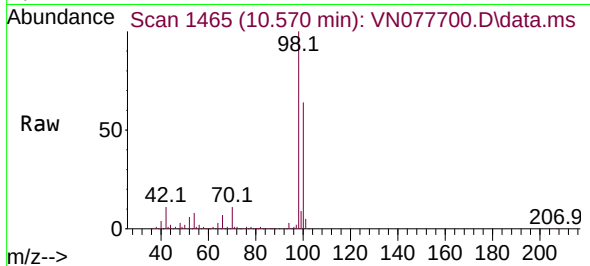




#50
Toluene-d8
Concen: 49.861 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

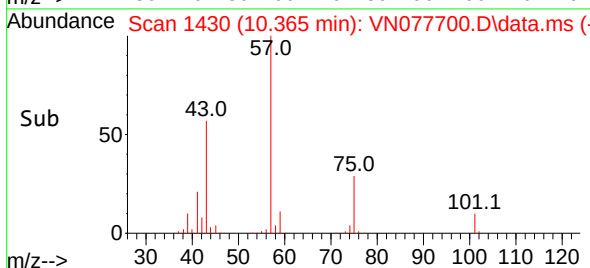
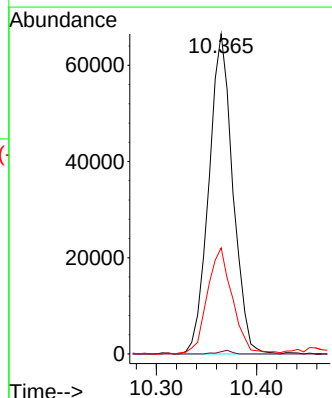
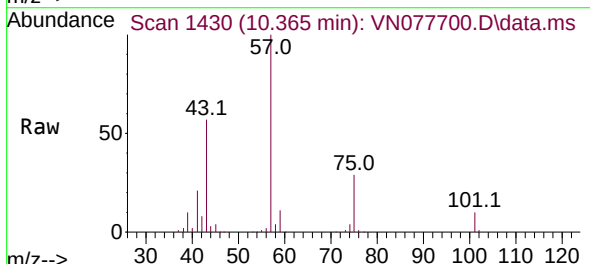
Instrument :
MSVOA_N
ClientSampleId :
WC-N-1

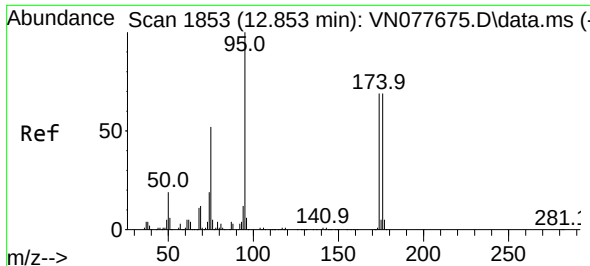
Tgt Ion: 98 Resp: 837328
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#54
cis-1,3-Dichloropropene
Concen: 14.395 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.047 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

Tgt Ion: 75 Resp: 110542
Ion Ratio Lower Upper
75 100
77 0.7 26.1 39.1#
39 32.8 31.6 47.4

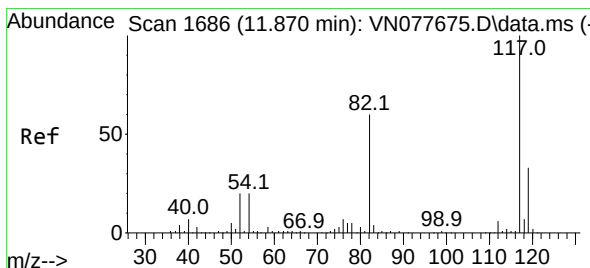
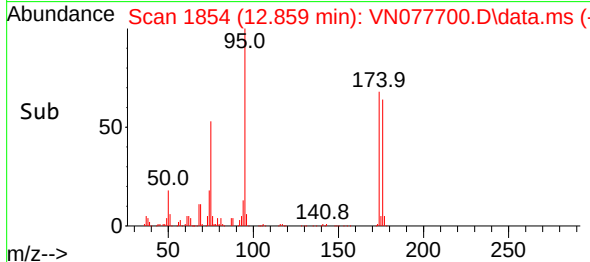
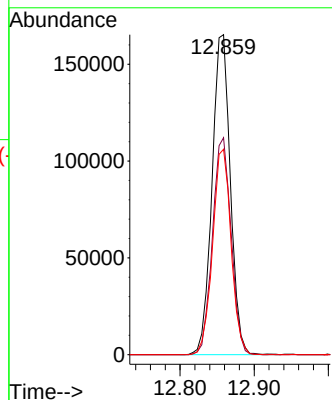
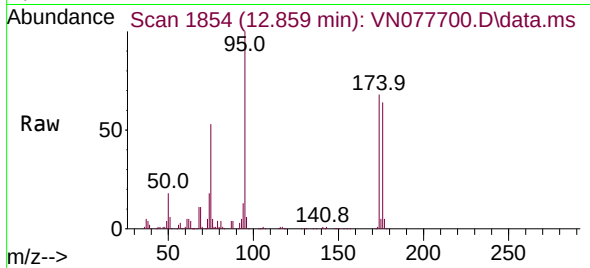




#62
4-Bromofluorobenzene
Concen: 47.809 ug/l
RT: 12.859 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

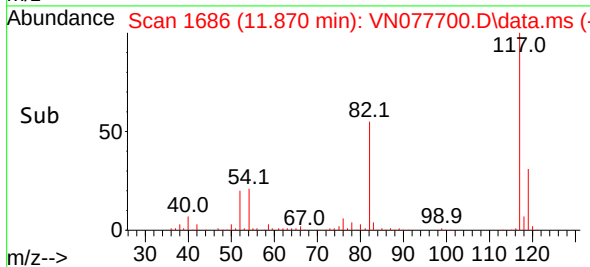
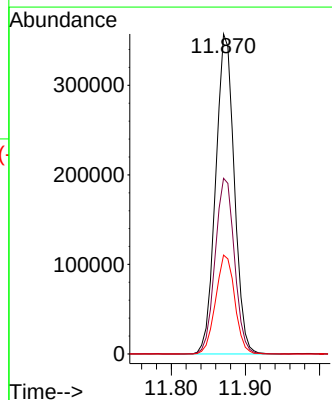
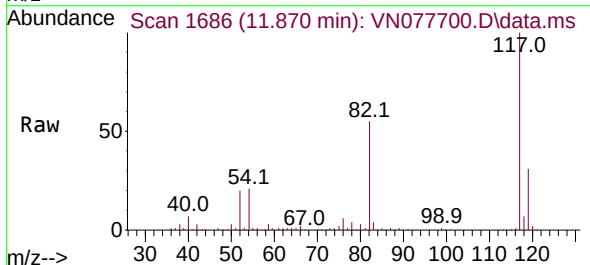
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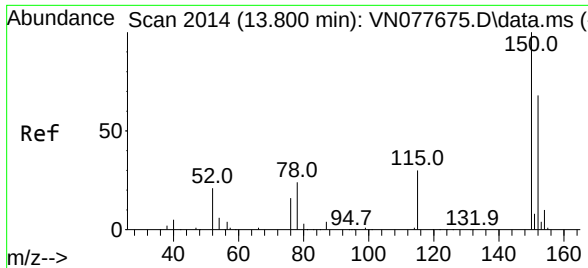
Tgt Ion: 95 Resp: 283557
Ion Ratio Lower Upper
95 100
174 68.9 0.0 143.8
176 64.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077700.D
Acq: 16 May 2023 18:14

Tgt Ion: 117 Resp: 622619
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 30.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077700.D
 Acq: 16 May 2023 18:14

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-N-1

Tgt Ion:152 Resp: 240556
 Ion Ratio Lower Upper
 152 100
 115 64.2 32.3 96.8
 150 156.8 0.0 355.8

