

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075421.D
 Acq On : 25 Nov 2022 15:18
 Operator : JC\MD
 Sample : N5756-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D3-20221120

Quant Time: Nov 28 03:36:14 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)

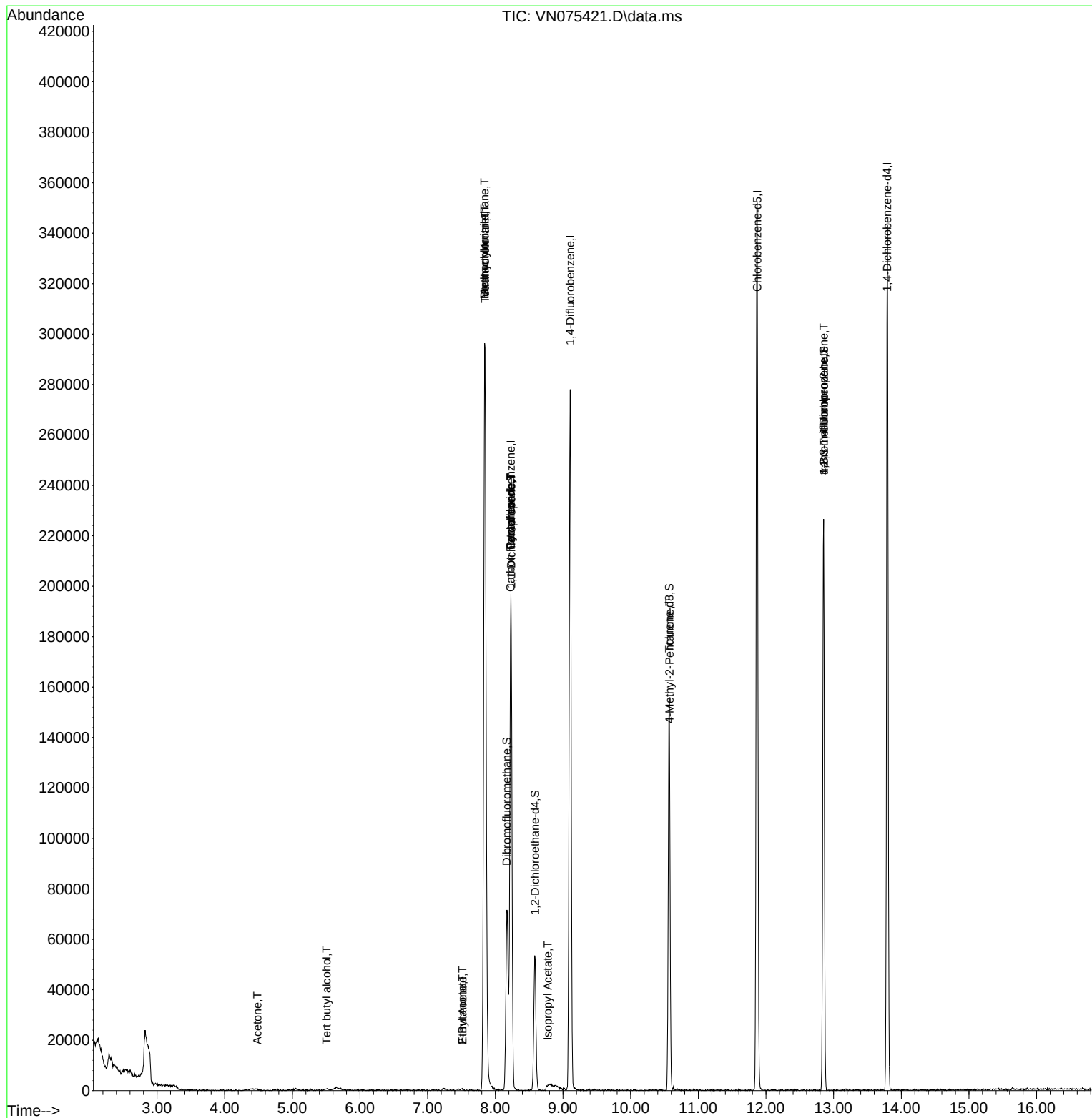
Internal Standards						
1) Pentafluorobenzene	8.229	168	151121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	256247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	224735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	43084	53.112	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.220%			
35) Dibromofluoromethane	8.171	113	51797	51.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	10.571	98	113189	49.925	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.840%			
62) 4-Bromofluorobenzene	12.853	95	77728	46.448	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.900%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.506	59	143	0.420	ug/l #	72
16) Acetone	4.483	43	616	0.814	ug/l #	43
18) Methyl Acetate	5.036	43	898	Below Cal	#	66
20) Methylene Chloride	5.289	84	133	Below Cal	#	7
25) 2-Butanone	7.512	43	1049	0.993	ug/l #	43
28) Bromochloromethane	7.841	49	249	0.231	ug/l #	10
29) Tetrahydrofuran	7.847	42	220611	343.332	ug/l	98
31) Cyclohexane	8.229	56	2835	1.100	ug/l #	11
36) 1,1-Dichloropropene	8.235	75	10449	4.760	ug/l #	51
37) Ethyl Acetate	7.512	43	1049	0.531	ug/l #	66
38) Carbon Tetrachloride	8.224	117	15643	6.487	ug/l #	16
41) Methacrylonitrile	7.841	41	125230	123.922	ug/l #	39
43) Isopropyl Acetate	8.777	43	2594	0.818	ug/l #	53
51) 4-Methyl-2-Pentanone	10.576	43	474	0.235	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	39859	21.795	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	39859	64.487	ug/l #	10

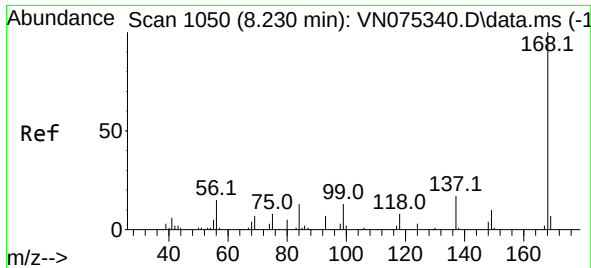
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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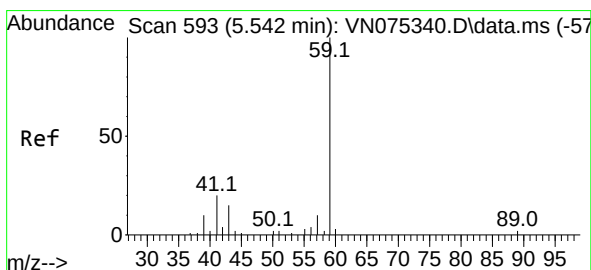
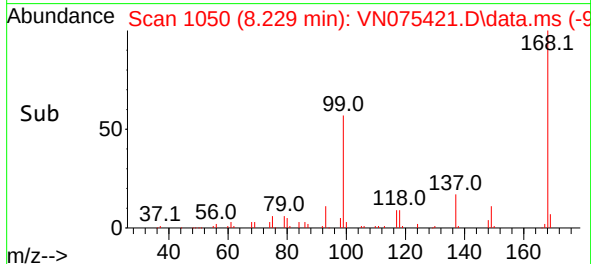
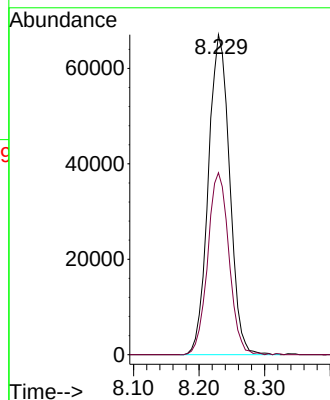
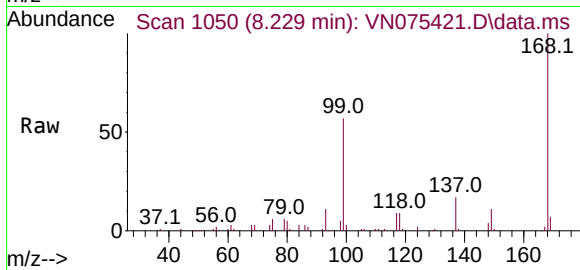




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

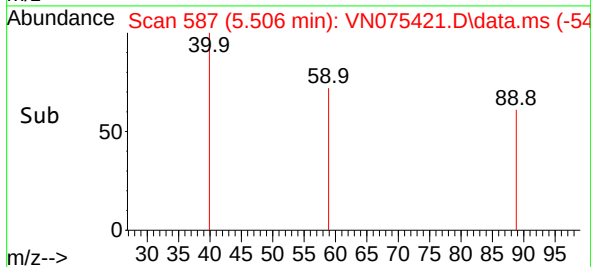
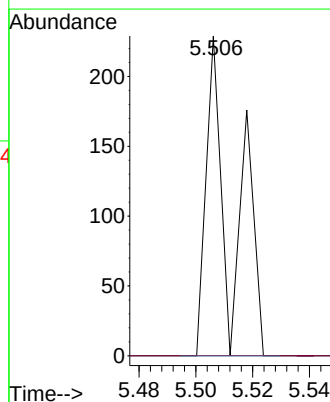
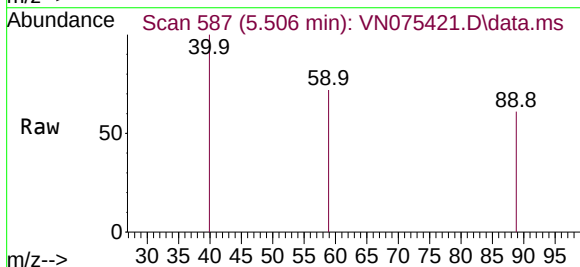
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20221120

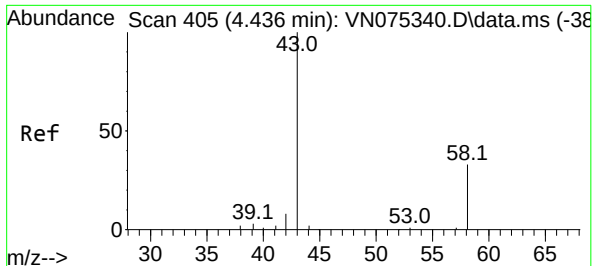
Tgt Ion:168 Resp: 151121
Ion Ratio Lower Upper
168 100
99 56.9 51.6 77.4



#11
Tert butyl alcohol
Concen: 0.420 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.036 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 59 Resp: 143
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

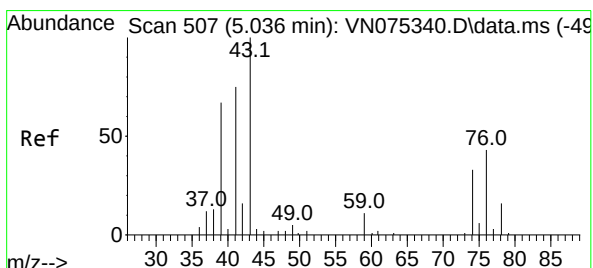
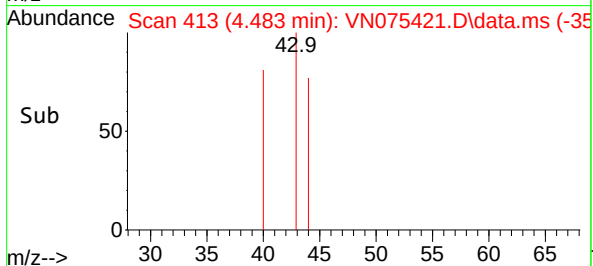
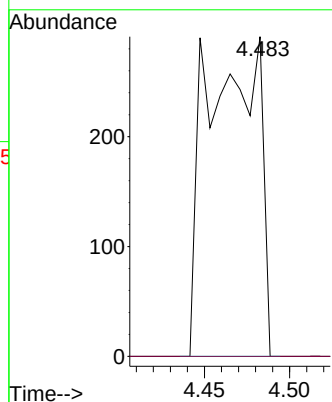
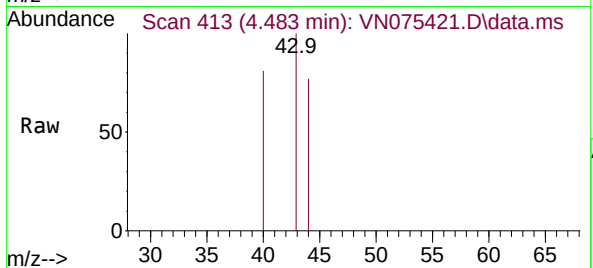




#16
Acetone
Concen: 0.814 ug/l
RT: 4.483 min Scan# 413
Delta R.T. 0.047 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

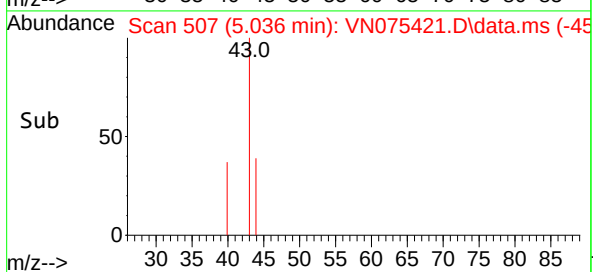
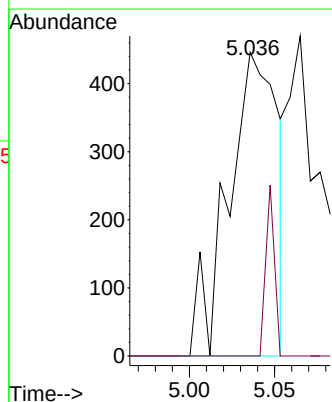
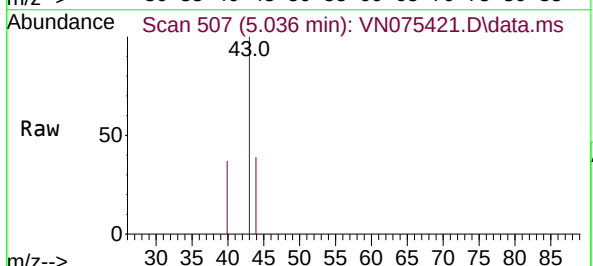
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20221120

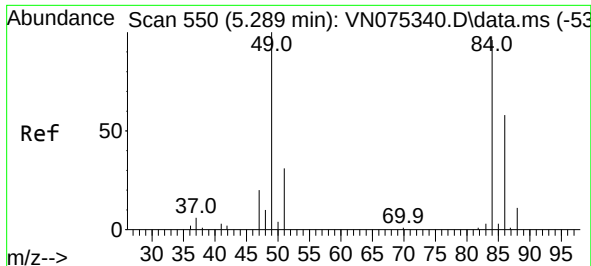
Tgt Ion: 43 Resp: 616
Ion Ratio Lower Upper
43 100
58 0.0 25.5 38.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

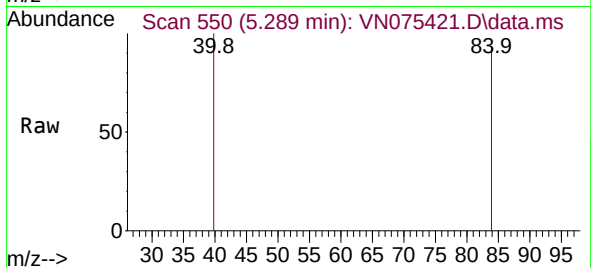
Tgt Ion: 43 Resp: 898
Ion Ratio Lower Upper
43 100
74 9.9 22.0 33.0#



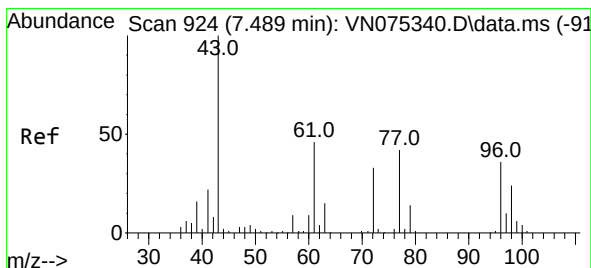
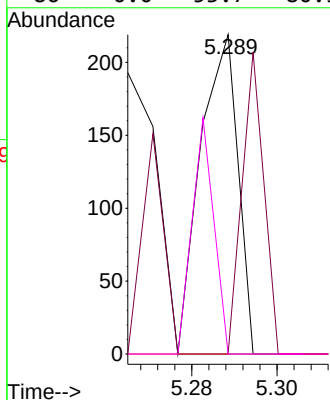
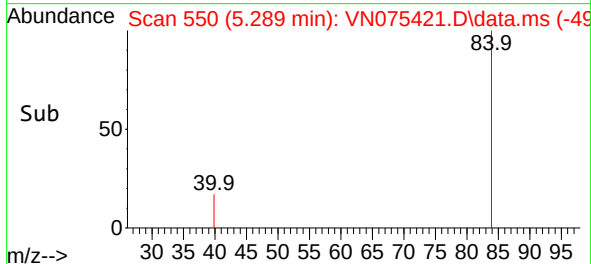


#20
Methylene Chloride
Concen: Below Cal
RT: 5.289 min Scan# 511
Delta R.T. -0.000 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20221120

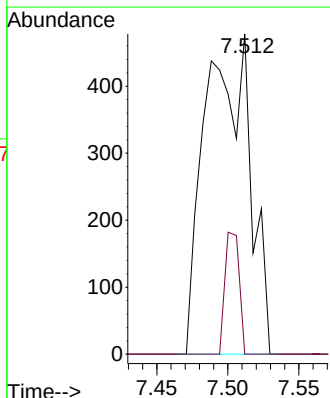
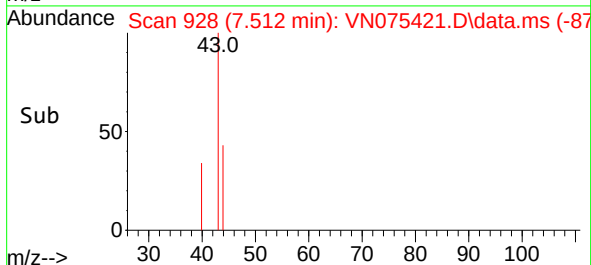
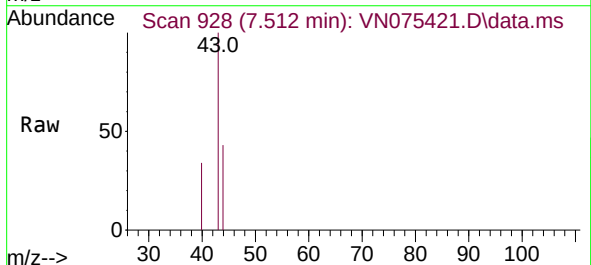


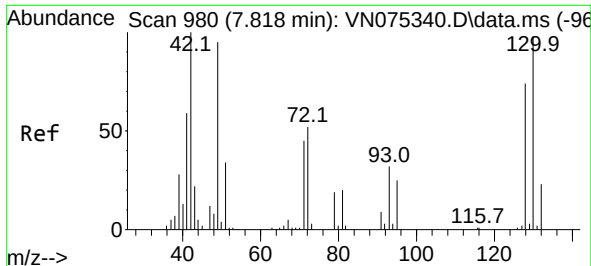
Tgt Ion: 84	Resp: 133
Ion Ratio	Lower Upper
84 100	
49 0.0	94.9 142.3#
51 0.0	26.8 40.2#
86 0.0	53.7 80.5#



#25
2-Butanone
Concen: 0.993 ug/l
RT: 7.512 min Scan# 928
Delta R.T. 0.023 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 43	Resp: 1049
Ion Ratio	Lower Upper
43 100	
72 0.0	25.5 38.3#





#28

Bromochloromethane

Concen: 0.231 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.023 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D3-20221120

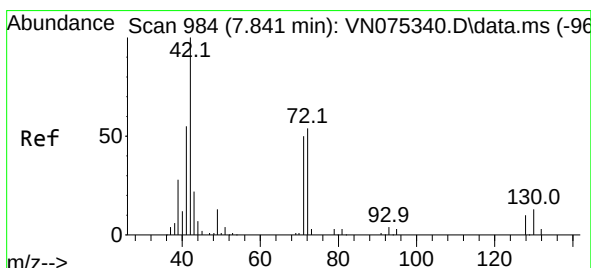
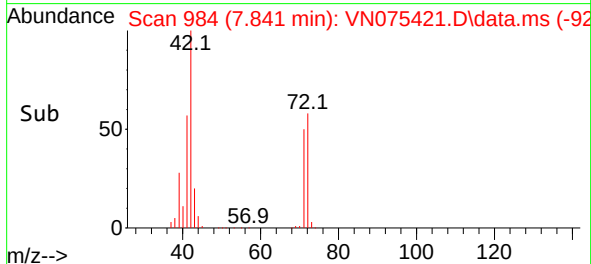
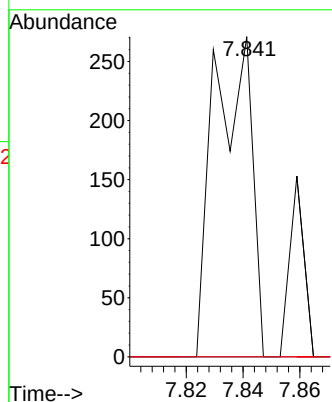
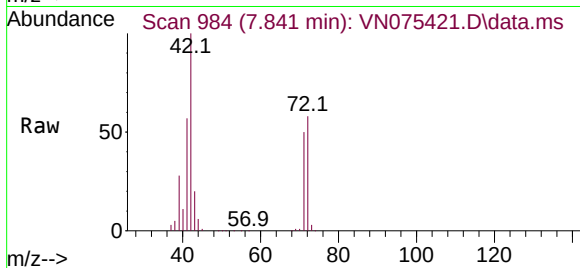
Tgt Ion: 49 Resp: 249

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 66.2 99.4#



#29

Tetrahydrofuran

Concen: 343.332 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

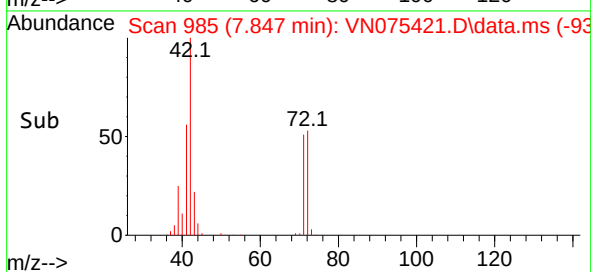
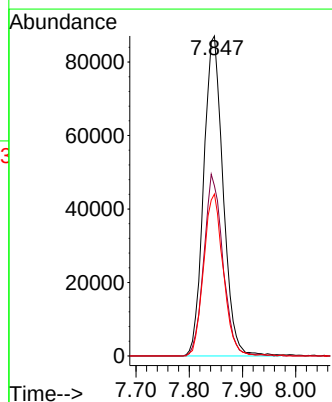
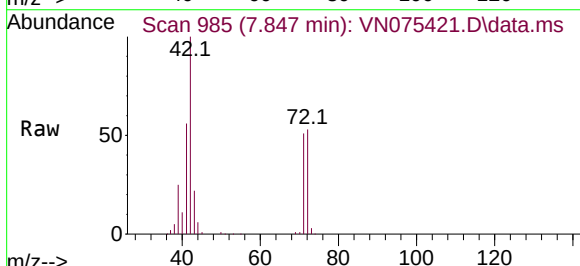
Tgt Ion: 42 Resp: 220611

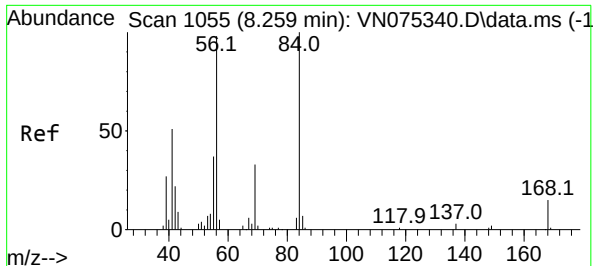
Ion Ratio Lower Upper

42 100

72 55.7 43.0 64.6

71 50.8 39.9 59.9

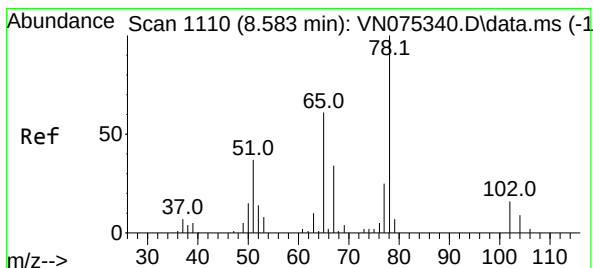
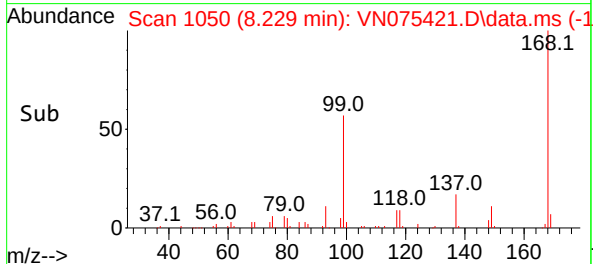
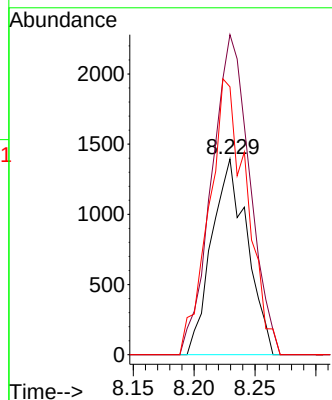
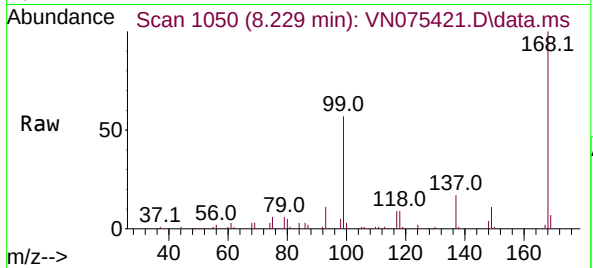




#31
Cyclohexane
Concen: 1.100 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.030 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

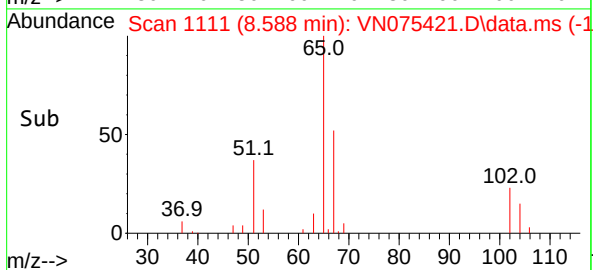
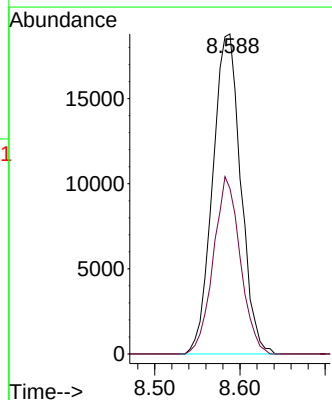
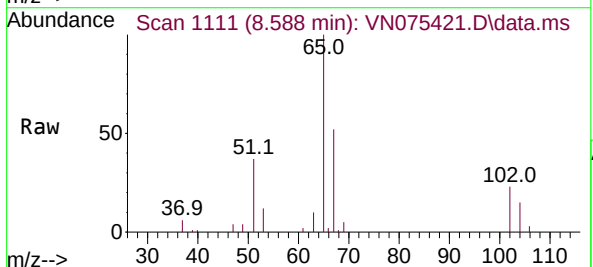
Instrument :
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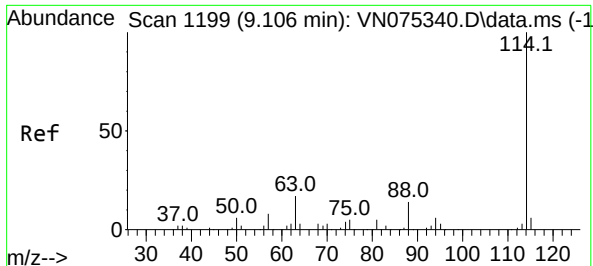
Tgt Ion: 56 Resp: 2835
Ion Ratio Lower Upper
56 100
69 163.6 25.2 37.8#
84 136.9 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 53.112 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.005 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 65 Resp: 43084
Ion Ratio Lower Upper
65 100
67 53.0 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: VN075421.D

Acq: 25 Nov 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D3-20221120

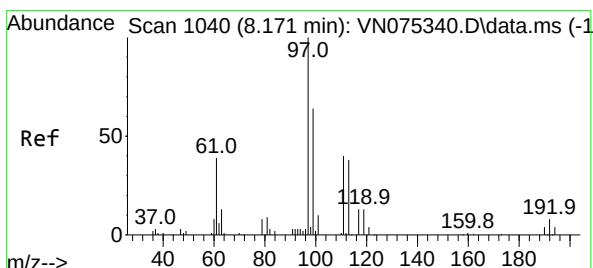
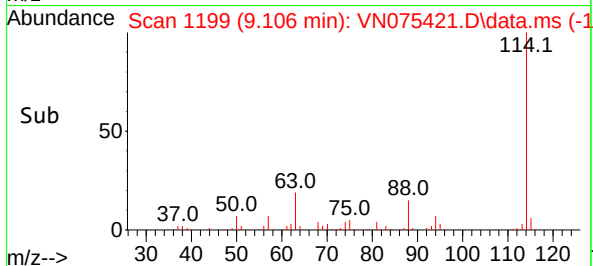
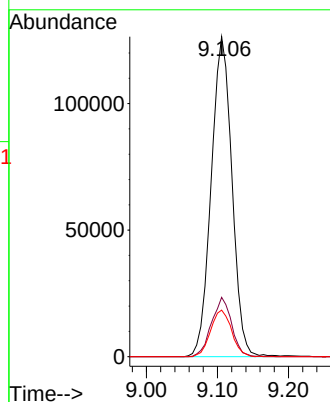
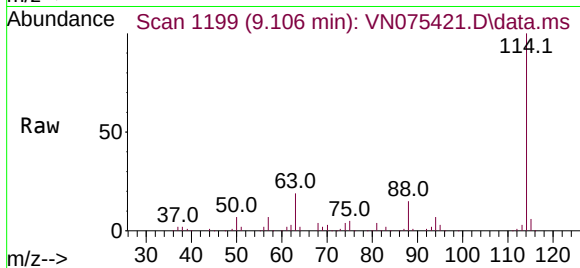
Tgt Ion:114 Resp: 256247

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.6

88 14.5 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.456 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

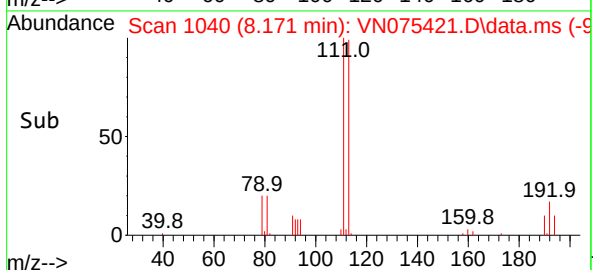
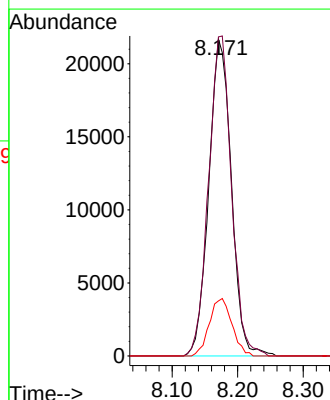
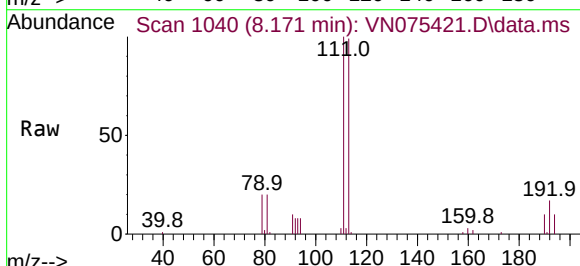
Tgt Ion:113 Resp: 51797

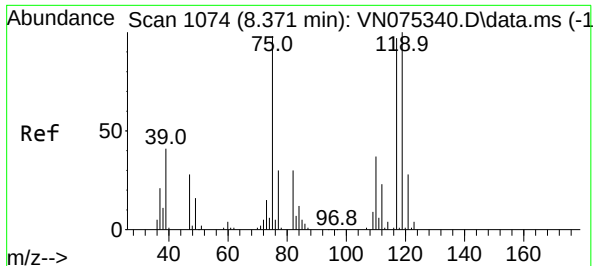
Ion Ratio Lower Upper

113 100

111 102.4 80.5 120.7

192 18.2 13.2 19.8





#36

1,1-Dichloropropene

Concen: 4.760 ug/l

RT: 8.235 min Scan# 1051

Delta R.T. -0.136 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

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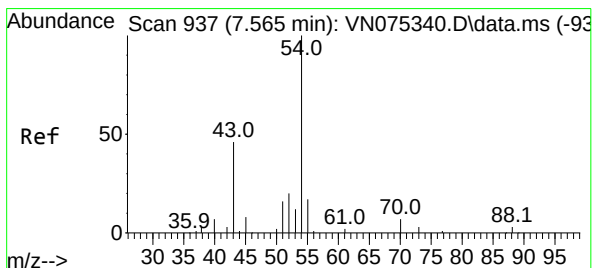
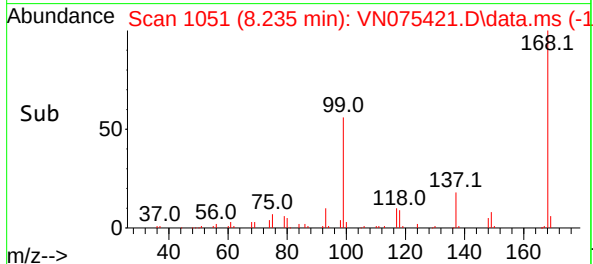
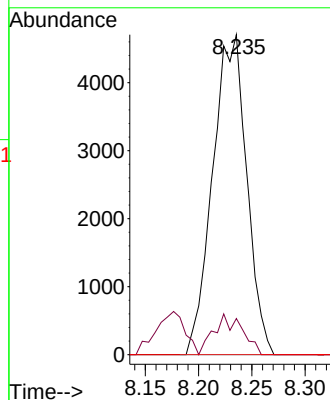
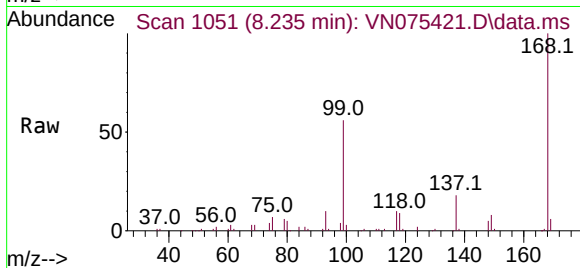
Tgt Ion: 75 Resp: 10449

Ion Ratio Lower Upper

75 100

110 10.6 17.8 53.3#

77 0.0 24.6 37.0#



#37

Ethyl Acetate

Concen: 0.531 ug/l

RT: 7.512 min Scan# 928

Delta R.T. -0.053 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

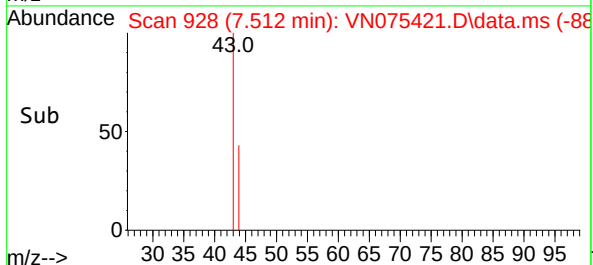
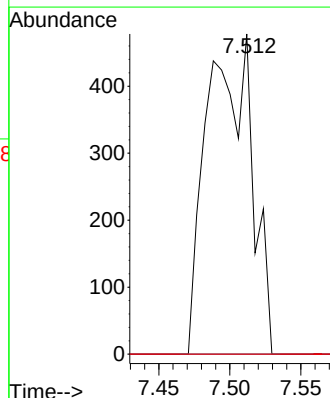
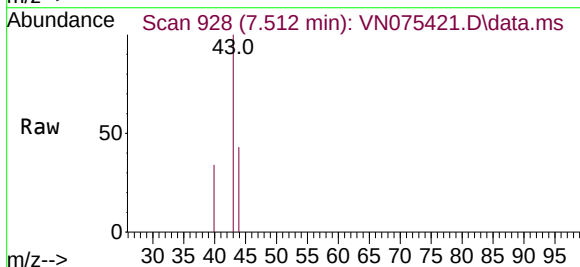
Tgt Ion: 43 Resp: 1049

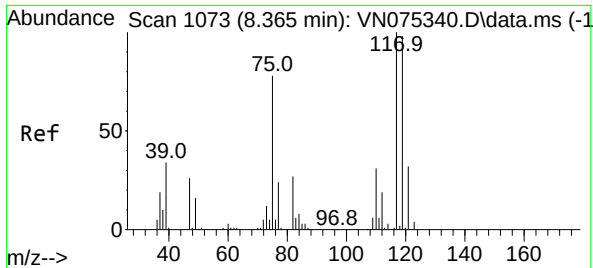
Ion Ratio Lower Upper

43 100

61 0.0 12.2 18.4#

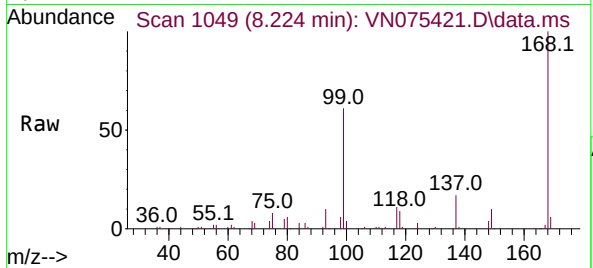
70 0.0 9.4 14.2#



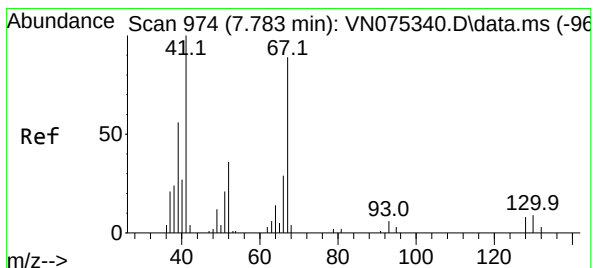
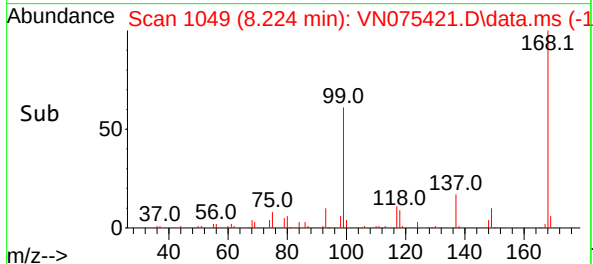
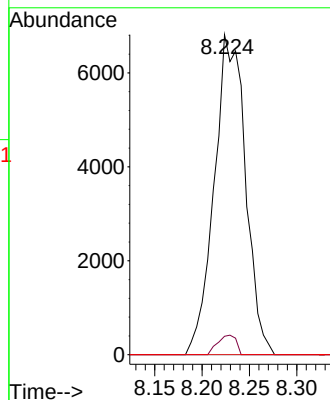


#38
Carbon Tetrachloride
Concen: 6.487 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN075421.D
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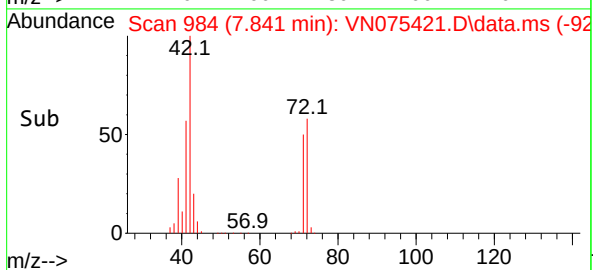
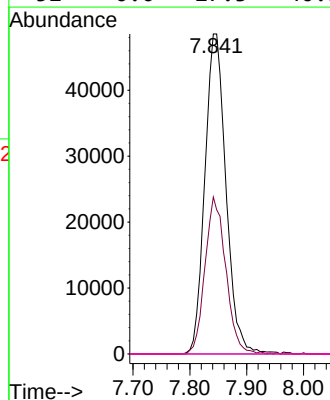
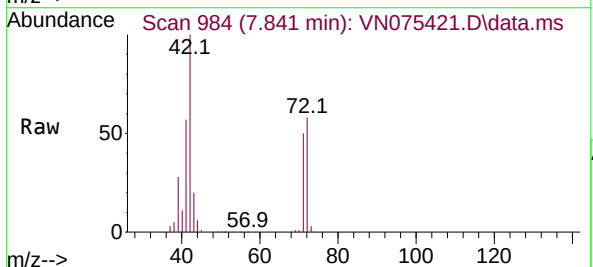


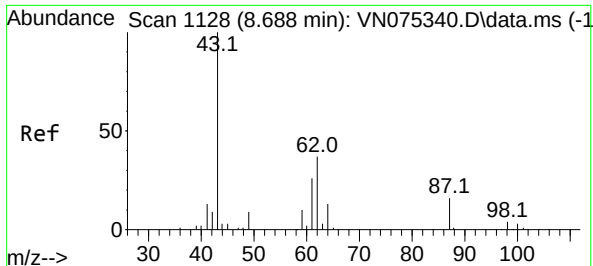
Tgt Ion:117 Resp: 15643
Ion Ratio Lower Upper
117 100
119 5.7 76.7 115.1#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 123.922 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.058 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 41 Resp: 125230
Ion Ratio Lower Upper
41 100
39 48.2 44.4 66.6
67 0.0 69.8 104.6#
52 0.0 27.3 40.9#





#43

Isopropyl Acetate

Concen: 0.818 ug/l

RT: 8.777 min Scan# 1143

Delta R.T. 0.089 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

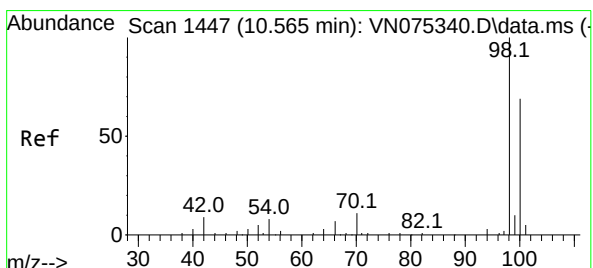
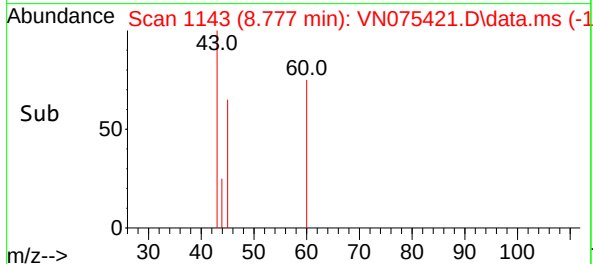
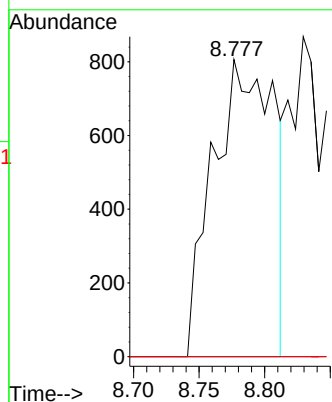
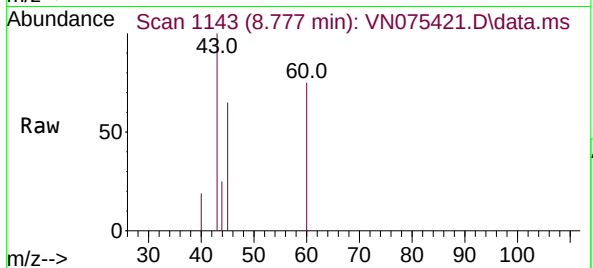
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion: 43	Resp: 2594
Ion Ratio	Lower Upper
43	100
61	0.0 22.4 33.6#
87	0.0 12.5 18.7#



#50

Toluene-d8

Concen: 49.925 ug/l

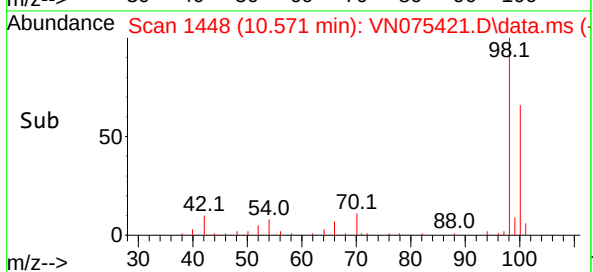
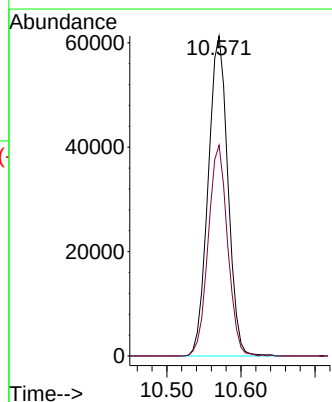
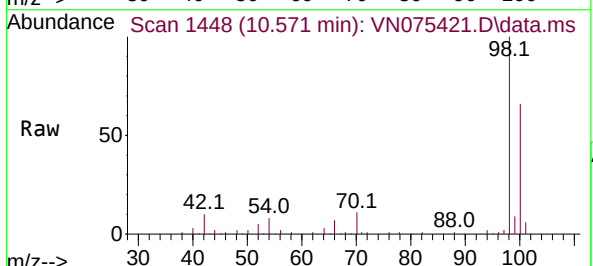
RT: 10.571 min Scan# 1448

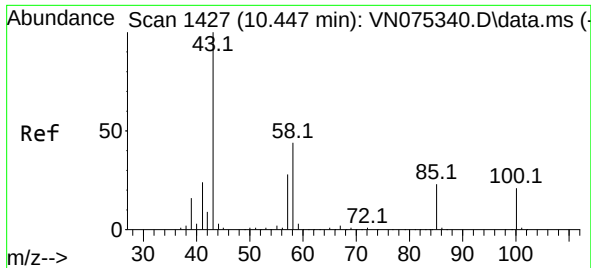
Delta R.T. 0.006 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

Tgt Ion: 98	Resp: 113189
Ion Ratio	Lower Upper
98	100
100	64.7 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 0.235 ug/l

RT: 10.576 min Scan# 1427

Delta R.T. 0.129 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

Instrument :

MSVOA_N

ClientSampleId :

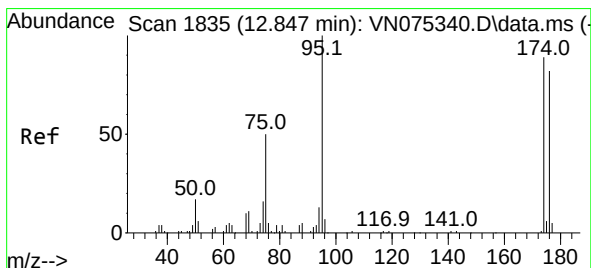
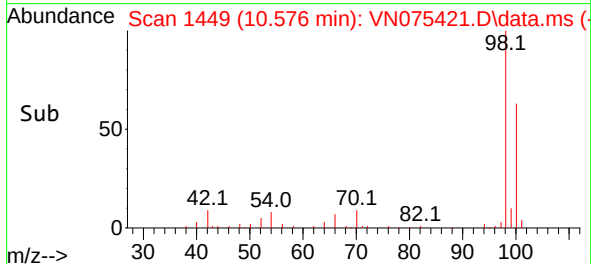
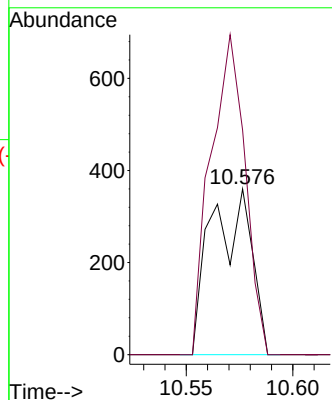
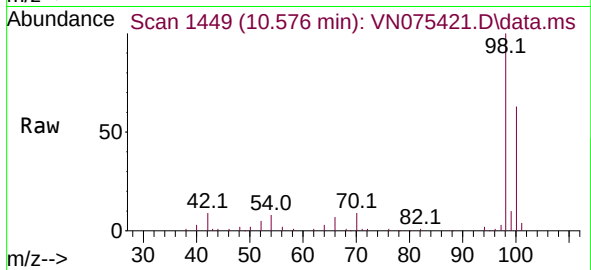
RW8-MW01D3-20221120

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

58 165.0 33.6 50.4#



#62

4-Bromofluorobenzene

Concen: 46.448 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN075421.D

Acq: 25 Nov 2022 15:18

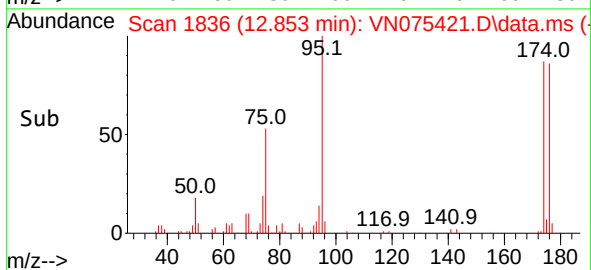
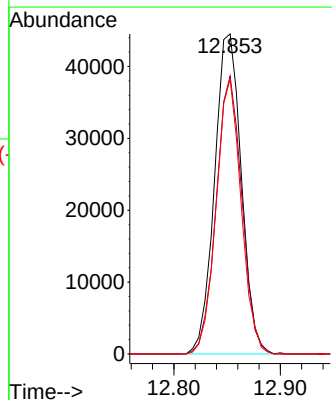
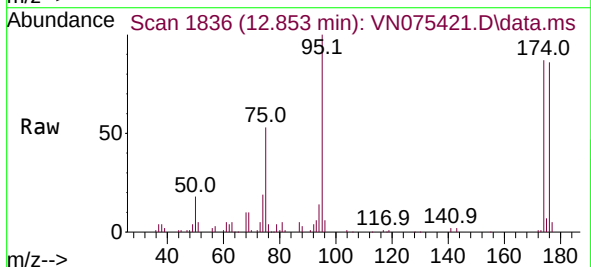
Tgt Ion: 95 Resp: 77728

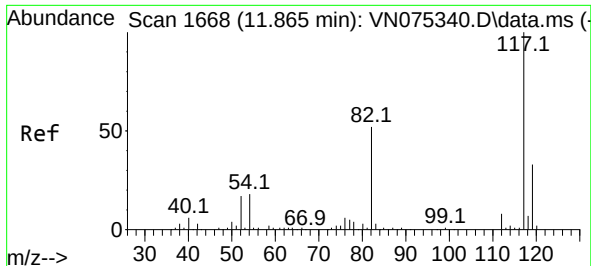
Ion Ratio Lower Upper

95 100

174 83.3 0.0 147.4

176 79.8 0.0 142.2

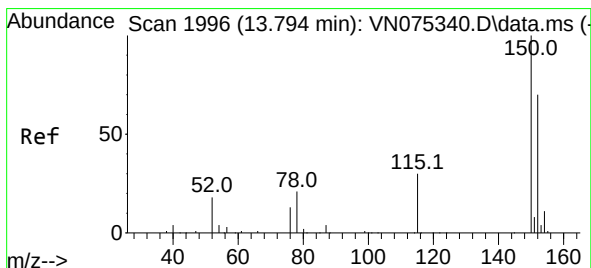
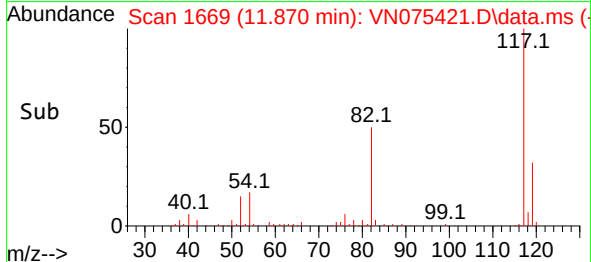
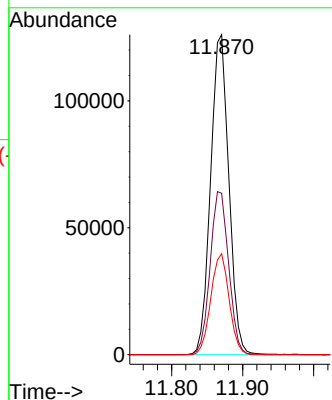
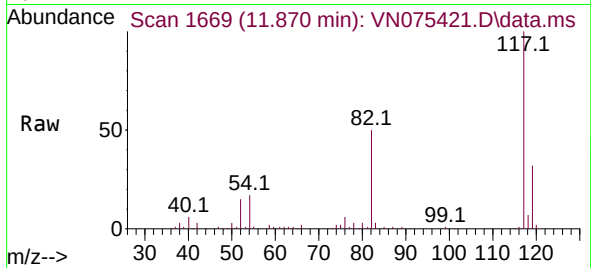




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

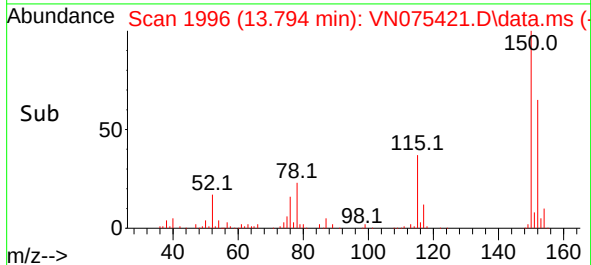
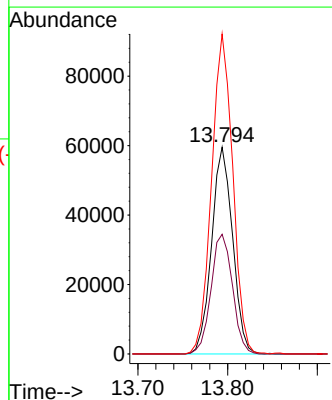
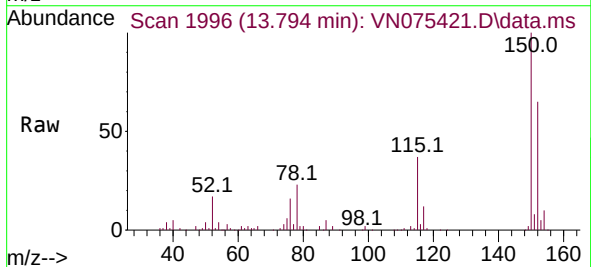
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20221120

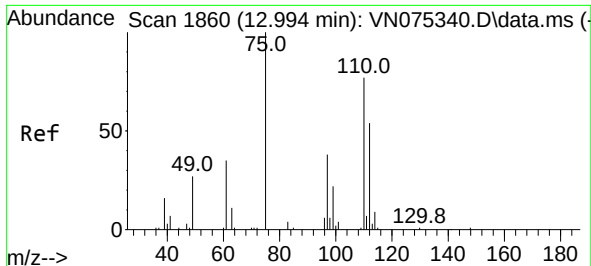
Tgt Ion:117 Resp: 224735
Ion Ratio Lower Upper
117 100
82 50.4 43.1 64.7
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Tgt Ion:152 Resp: 96724
Ion Ratio Lower Upper
152 100
115 59.1 30.2 90.6
150 155.9 0.0 348.4

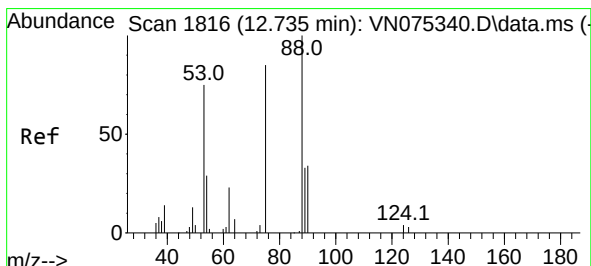
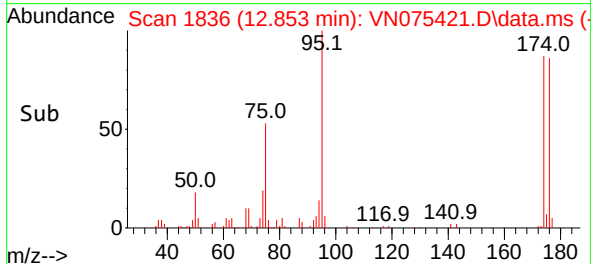
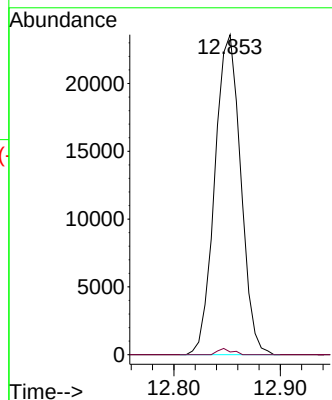
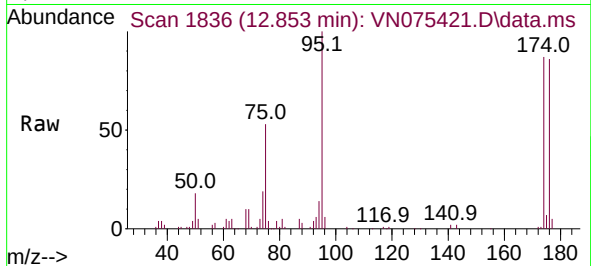




#76
1,2,3-Trichloropropane
Concen: 21.795 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D3-20221120

Tgt Ion: 75 Resp: 39859
Ion Ratio Lower Upper
75 100
77 1.0 75.6 226.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.487 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN075421.D
Acq: 25 Nov 2022 15:18

Tgt Ion: 75 Resp: 39859
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

