

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075430.D
 Acq On : 25 Nov 2022 18:54
 Operator : JC\MD
 Sample : N5756-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01D2-20221120

Quant Time: Nov 28 03:38:36 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)

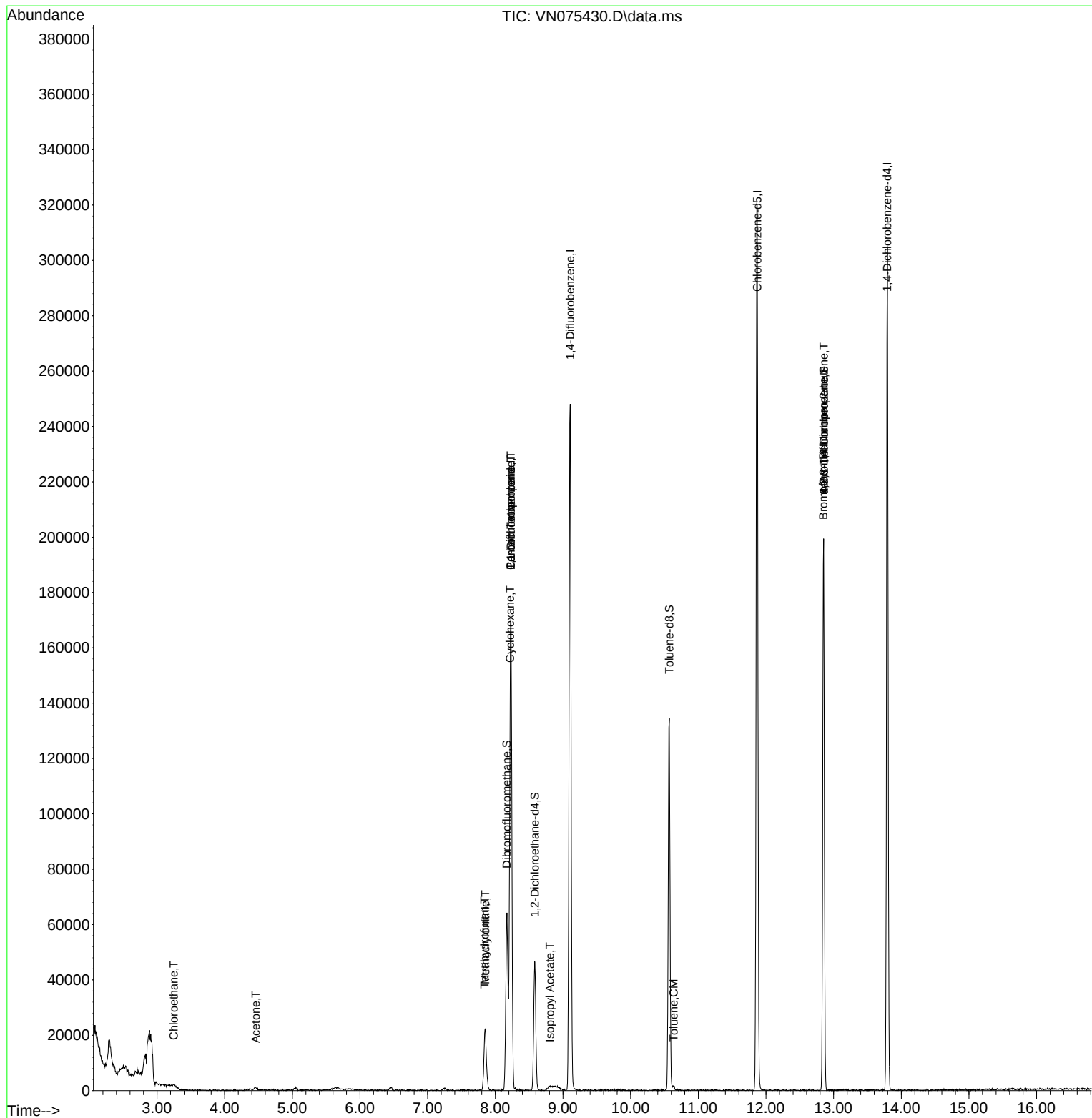
Internal Standards						
1) Pentafluorobenzene	8.230	168	133419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	234112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	202255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	37282	52.057	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.120%	
35) Dibromofluoromethane	8.171	113	45377	49.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.680%	
50) Toluene-d8	10.571	98	96829	46.747	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 93.500%	
62) 4-Bromofluorobenzene	12.853	95	69010	45.138	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.280%	
Target Compounds						
					Qvalue	
6) Chloroethane	3.248	64	1667	1.375	ug/l #	45
16) Acetone	4.459	43	1985	2.971	ug/l #	43
18) Methyl Acetate	5.053	43	1575	Below Cal	#	62
29) Tetrahydrofuran	7.841	42	15909	28.044	ug/l	99
31) Cyclohexane	8.218	56	2456	1.079	ug/l #	60
36) 1,1-Dichloropropene	8.230	75	9478	4.726	ug/l #	51
38) Carbon Tetrachloride	8.230	117	13909	6.313	ug/l #	17
41) Methacrylonitrile	7.853	41	9551	10.345	ug/l #	40
43) Isopropyl Acetate	8.806	43	1408	0.486	ug/l #	53
52) Toluene	10.635	92	943	0.238	ug/l	93
71) Bromoform	12.847	173	428	0.361	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	34738	21.867	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	34738	64.699	ug/l #	10

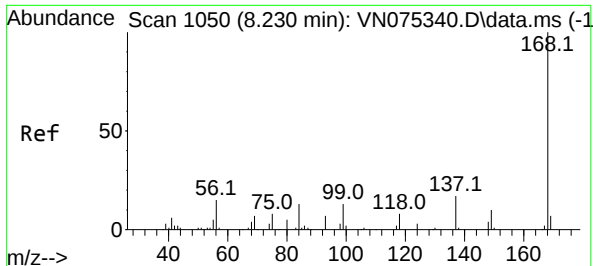
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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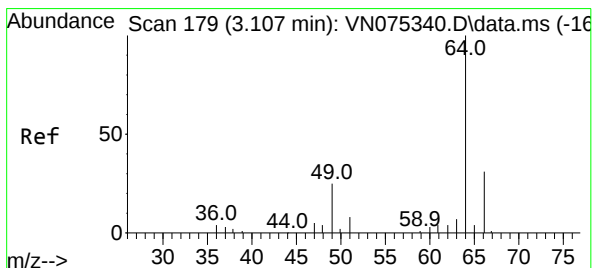
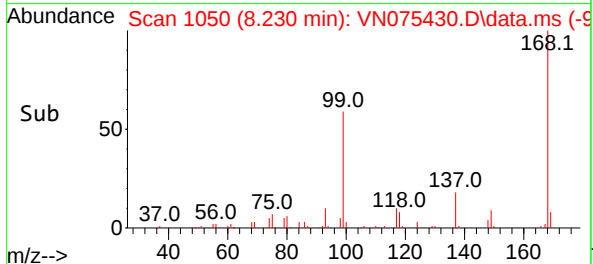
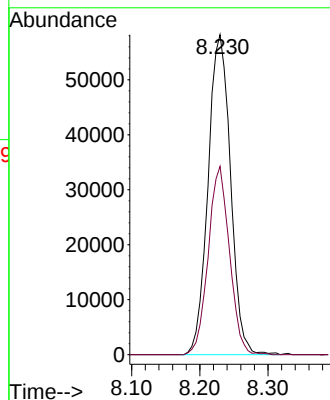
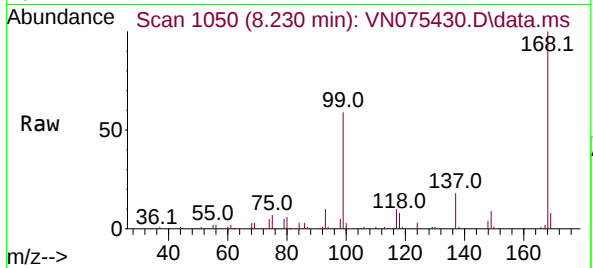




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

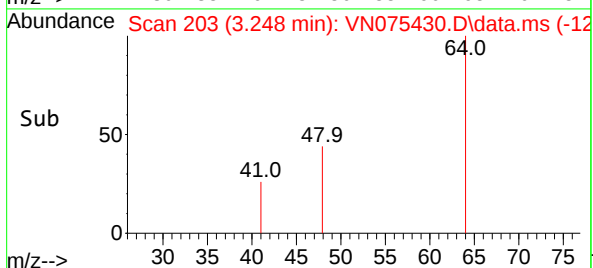
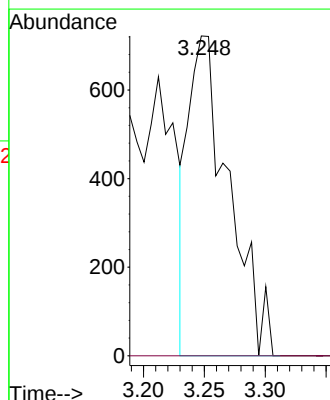
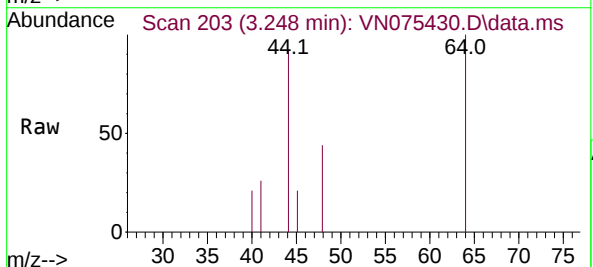
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120

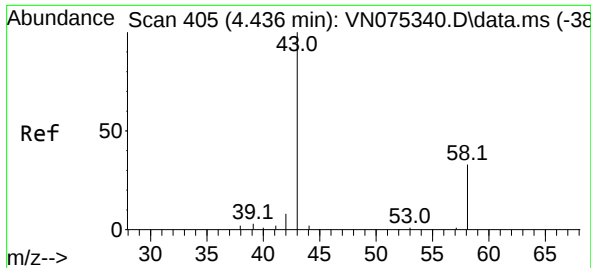
Tgt Ion:168 Resp: 133419
Ion Ratio Lower Upper
168 100
99 58.9 51.6 77.4



#6
Chloroethane
Concen: 1.375 ug/l
RT: 3.248 min Scan# 203
Delta R.T. 0.141 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 64 Resp: 1667
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#





#16

Acetone

Concen: 2.971 ug/l

RT: 4.459 min Scan# 405

Delta R.T. 0.023 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

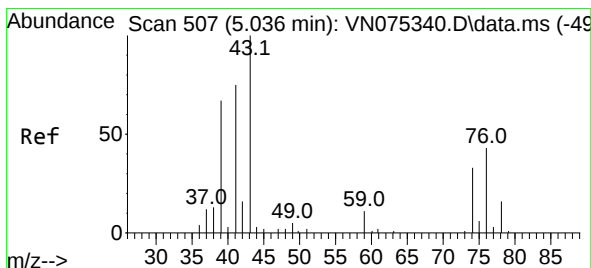
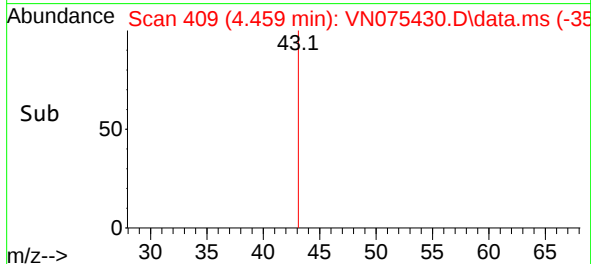
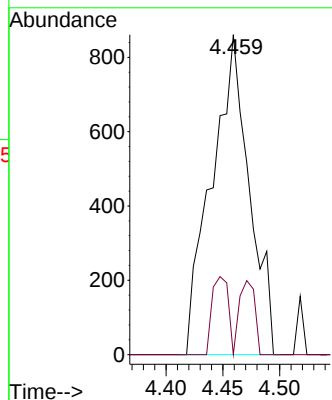
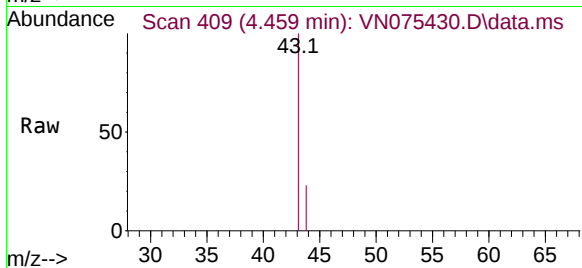
RW9-MW01D2-20221120

Tgt Ion: 43 Resp: 1985

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.053 min Scan# 510

Delta R.T. 0.017 min

Lab File: VN075430.D

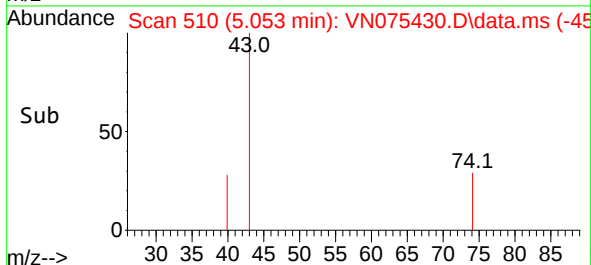
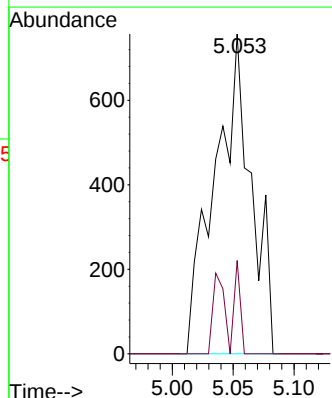
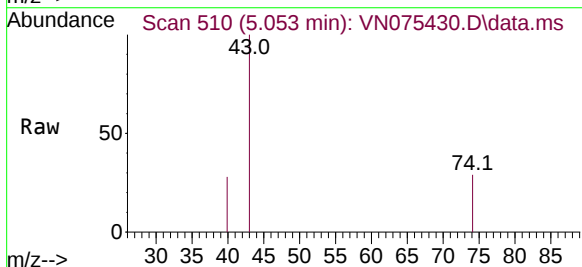
Acq: 25 Nov 2022 18:54

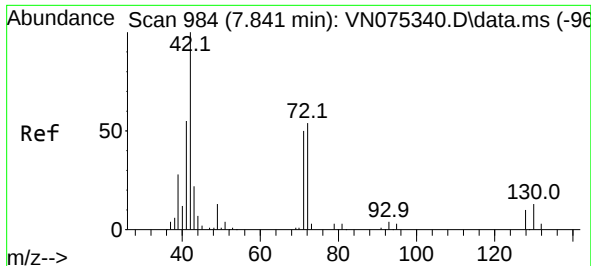
Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

43 100

74 7.7 22.0 33.0#





#29

Tetrahydrofuran

Concen: 28.044 ug/l

RT: 7.841 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01D2-20221120

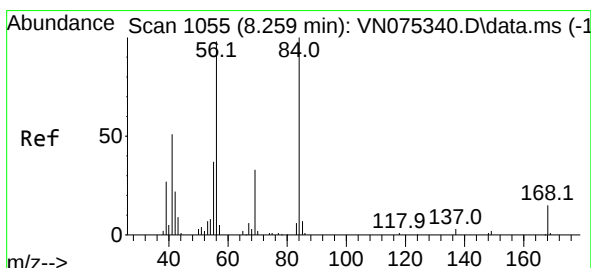
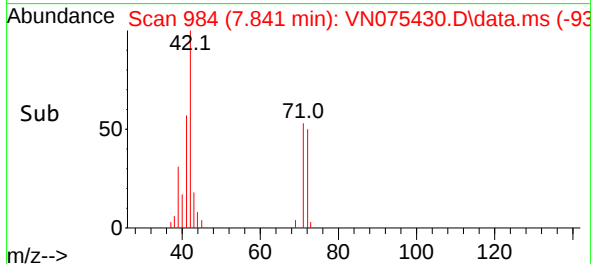
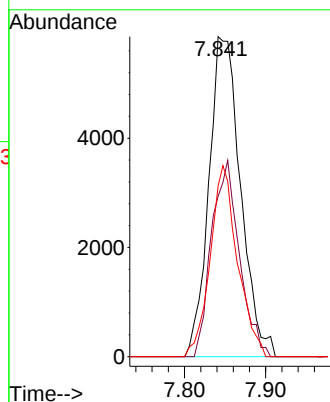
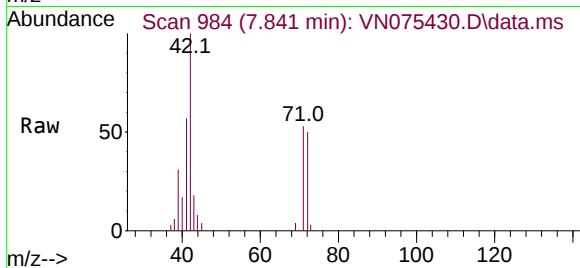
Tgt Ion: 42 Resp: 15909

Ion Ratio Lower Upper

42 100

72 53.8 43.0 64.6

71 51.4 39.9 59.9



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 8.218 min Scan# 1048

Delta R.T. -0.041 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

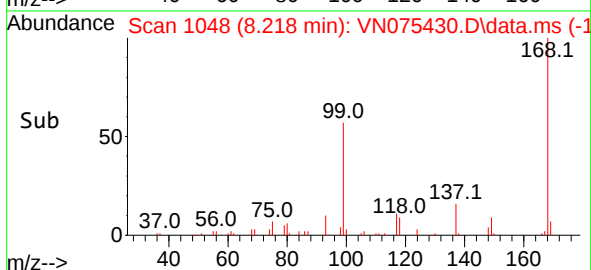
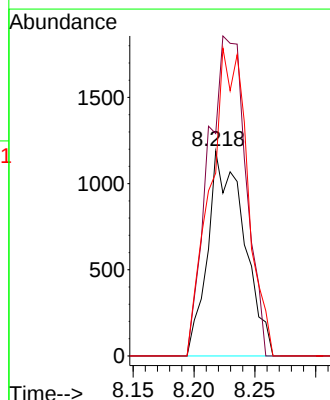
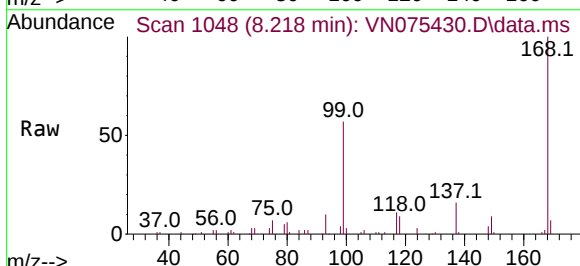
Tgt Ion: 56 Resp: 2456

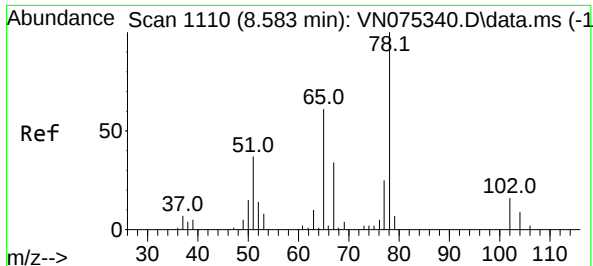
Ion Ratio Lower Upper

56 100

69 108.7 25.2 37.8#

84 89.3 77.8 116.8





#33

1,2-Dichloroethane-d4

Concen: 52.057 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.001 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

Instrument :

MSVOA_N

ClientSampleId :

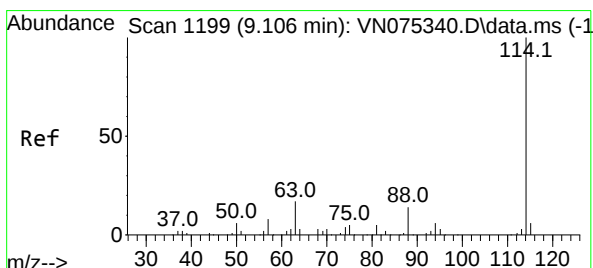
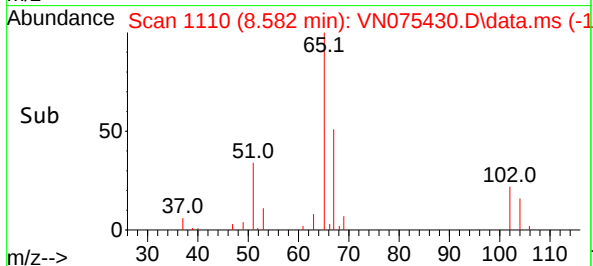
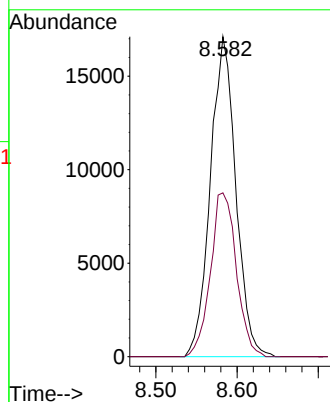
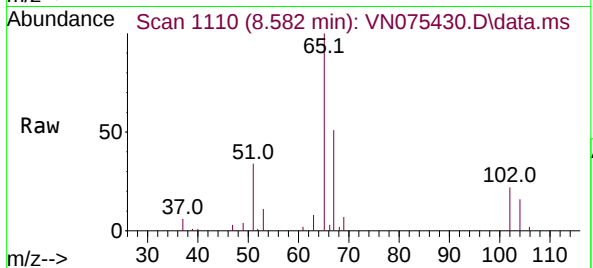
RW9-MW01D2-20221120

Tgt Ion: 65 Resp: 37282

Ion Ratio Lower Upper

65 100

67 52.1 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: VN075430.D

Acq: 25 Nov 2022 18:54

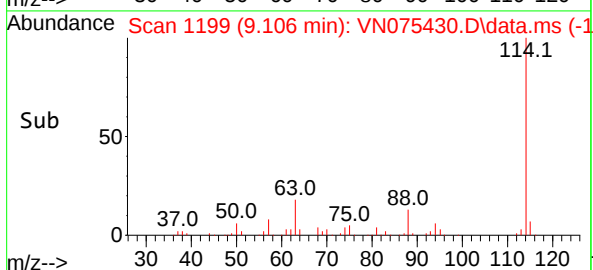
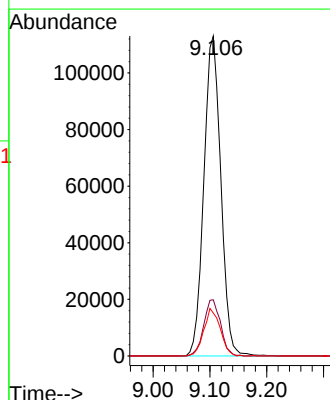
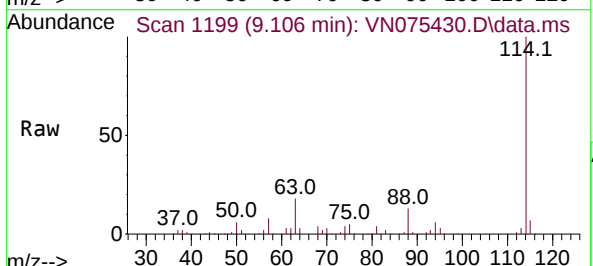
Tgt Ion: 114 Resp: 234112

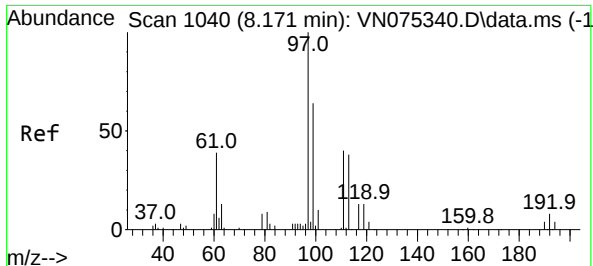
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 13.4 0.0 29.0





#35

Dibromofluoromethane

Concen: 49.341 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075430.D

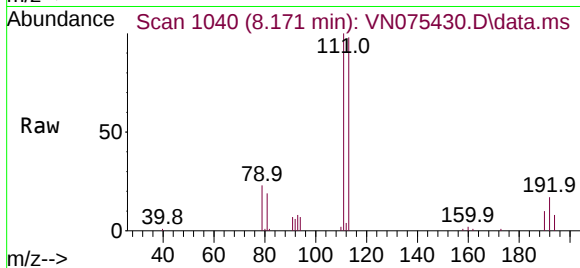
Acq: 25 Nov 2022 18:54

Instrument :

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ClientSampleId :

RW9-MW01D2-20221120



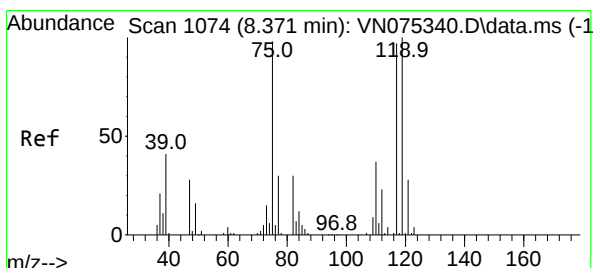
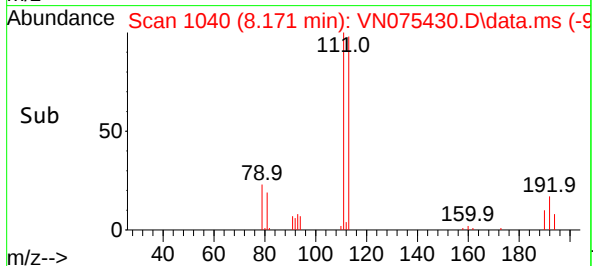
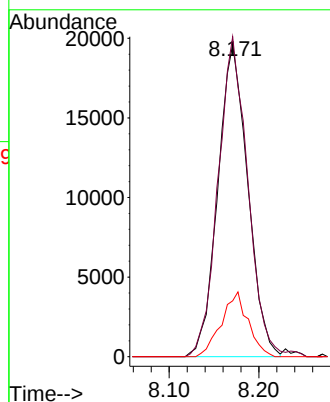
Tgt Ion:113 Resp: 45377

Ion Ratio Lower Upper

113 100

111 102.0 80.5 120.7

192 18.5 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075430.D

Acq: 25 Nov 2022 18:54

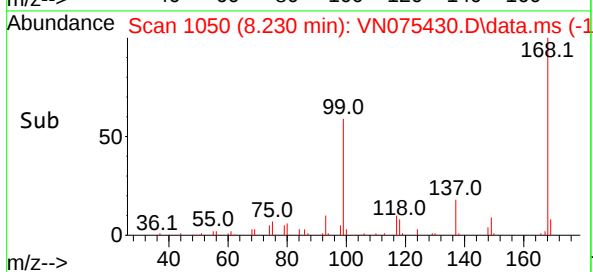
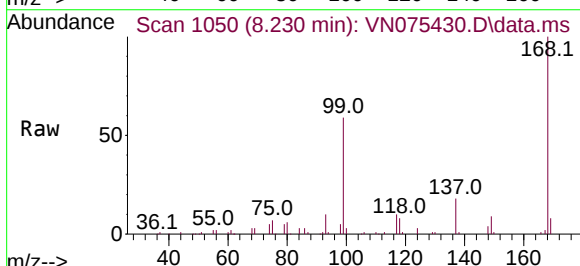
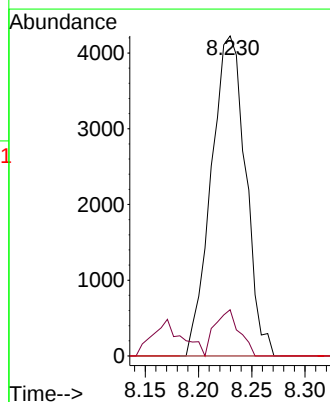
Tgt Ion: 75 Resp: 9478

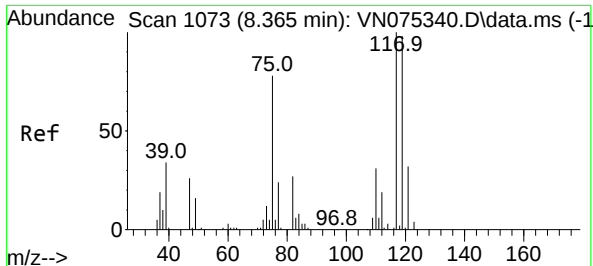
Ion Ratio Lower Upper

75 100

110 10.3 17.8 53.3#

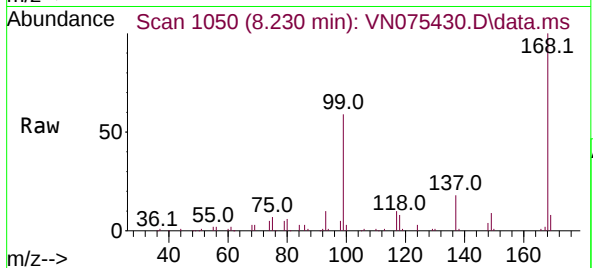
77 0.0 24.6 37.0#



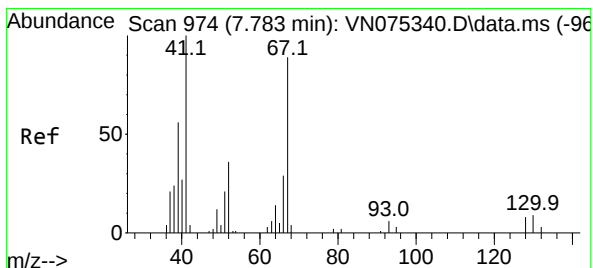
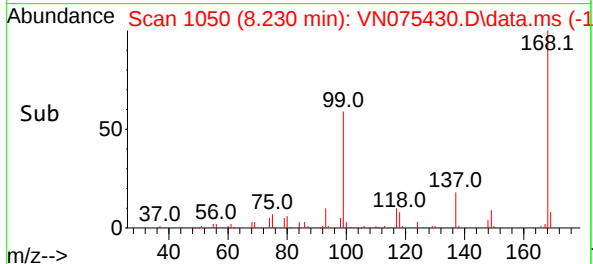
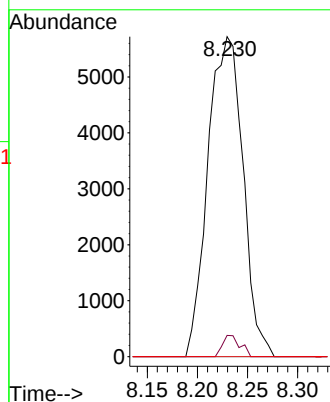


#38
Carbon Tetrachloride
Concen: 6.313 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.135 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120

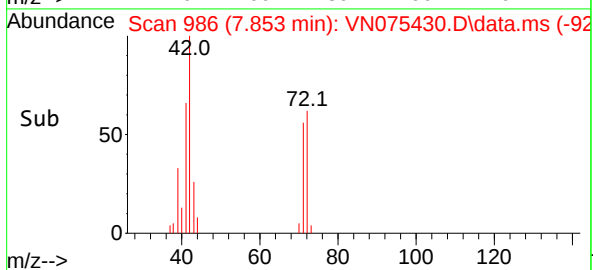
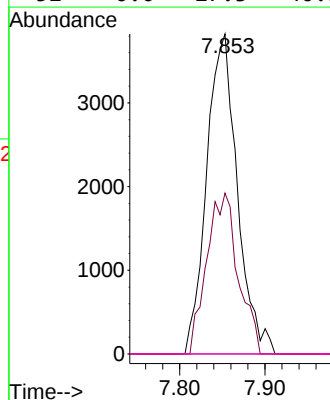
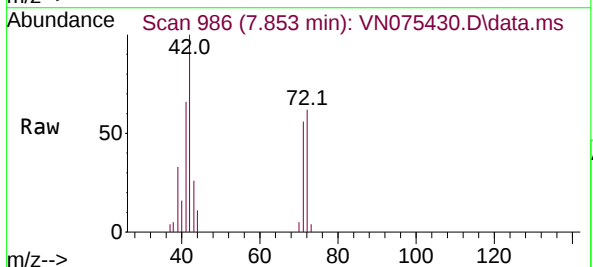


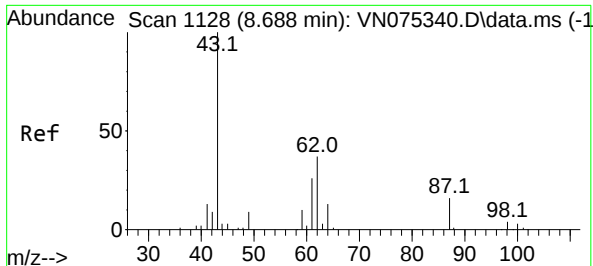
Tgt Ion:117 Resp: 13909
Ion Ratio Lower Upper
117 100
119 6.6 76.7 115.1#
121 0.0 23.9 35.9#



#41
Methacrylonitrile
Concen: 10.345 ug/l
RT: 7.853 min Scan# 986
Delta R.T. 0.070 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 41 Resp: 9551
Ion Ratio Lower Upper
41 100
39 51.5 44.4 66.6
67 0.0 69.8 104.6#
52 0.0 27.3 40.9#

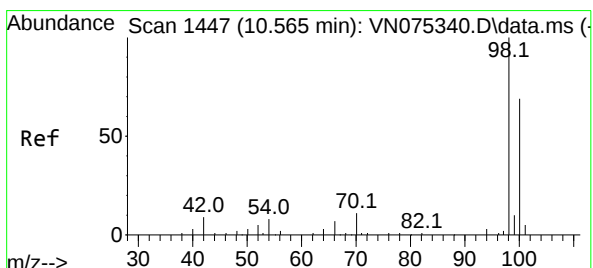
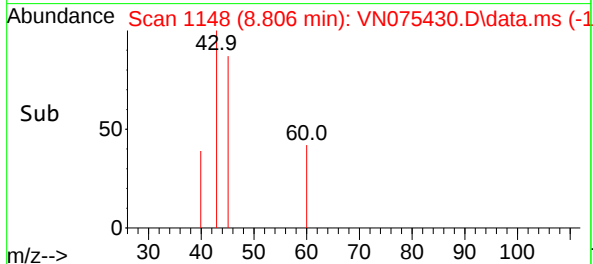
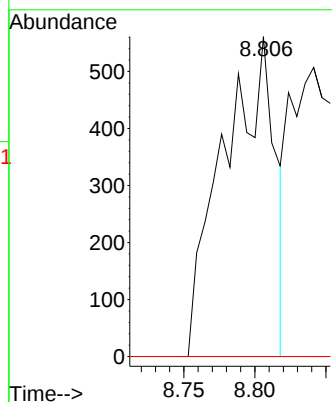
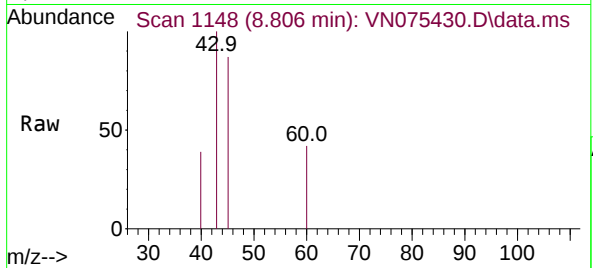




#43
Isopropyl Acetate
Concen: 0.486 ug/l
RT: 8.806 min Scan# 1128
Delta R.T. 0.118 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

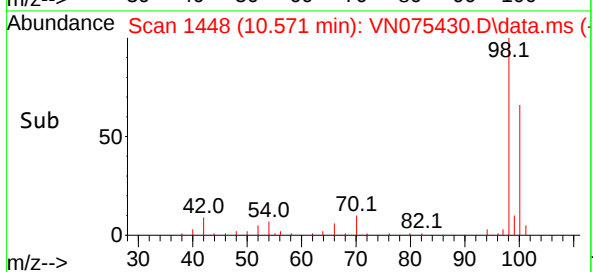
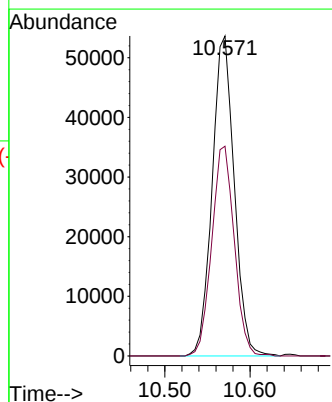
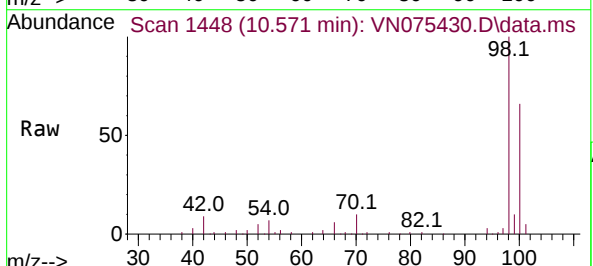
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120

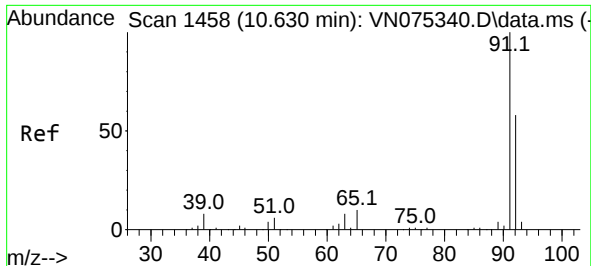
Tgt Ion: 43 Resp: 1408
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#



#50
Toluene-d8
Concen: 46.747 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 98 Resp: 96829
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6

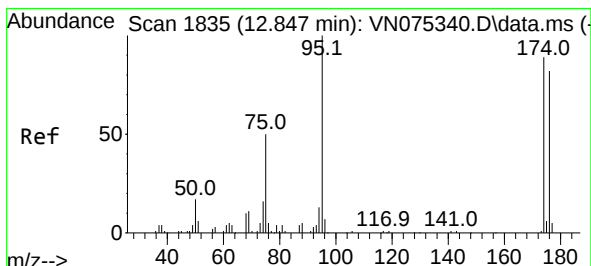
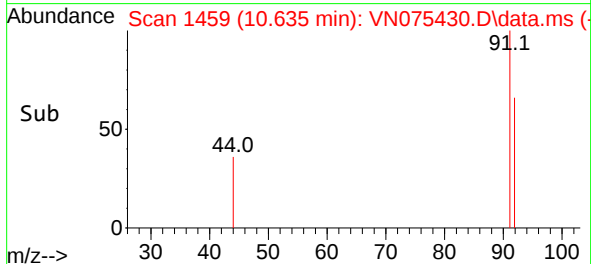
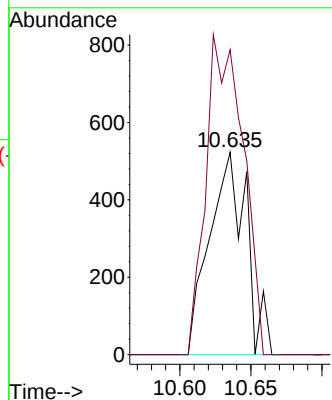
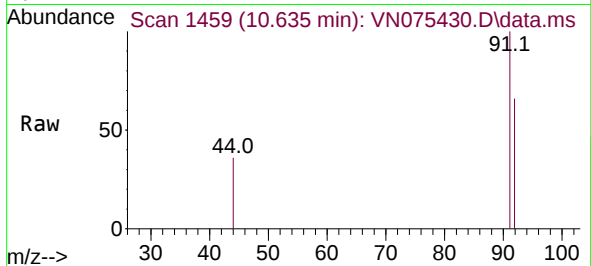




#52
Toluene
Concen: 0.238 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.005 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

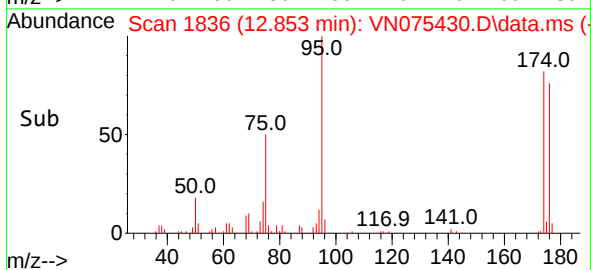
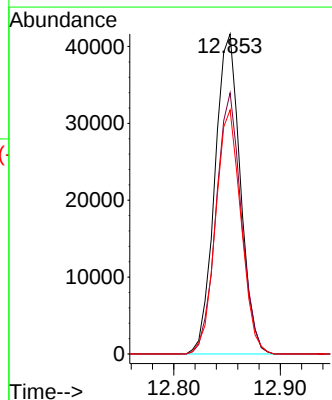
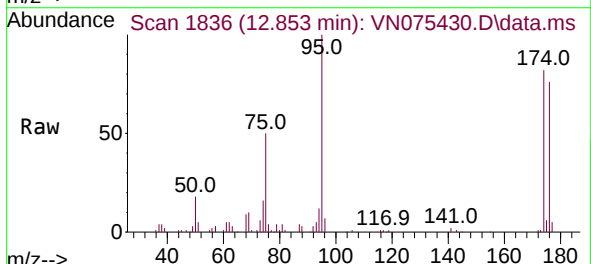
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120

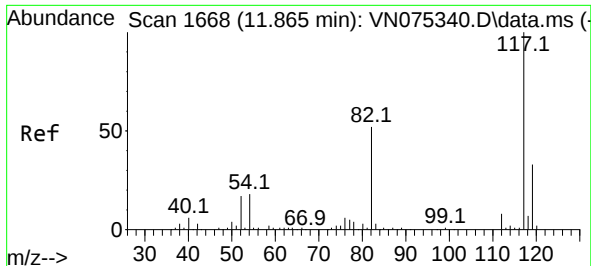
Tgt Ion: 92 Resp: 943
Ion Ratio Lower Upper
92 100
91 160.2 135.4 203.2



#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion: 95 Resp: 69010
Ion Ratio Lower Upper
95 100
174 80.4 0.0 147.4
176 76.1 0.0 142.2

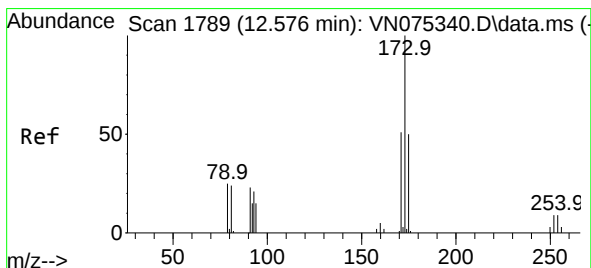
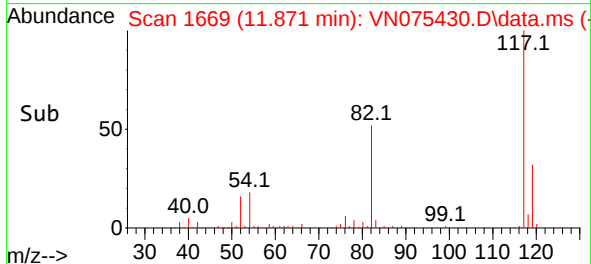
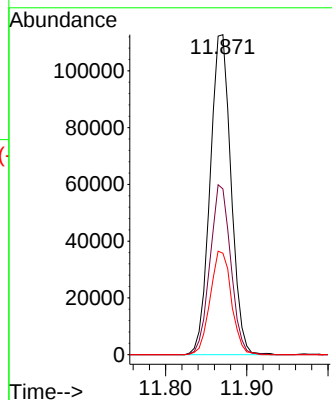
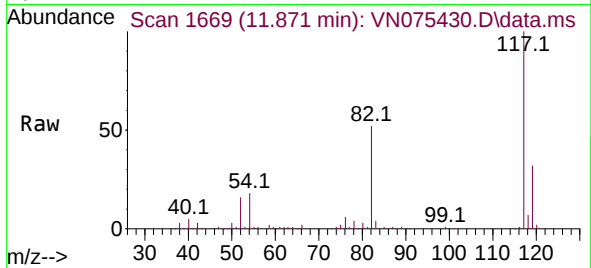




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.005 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

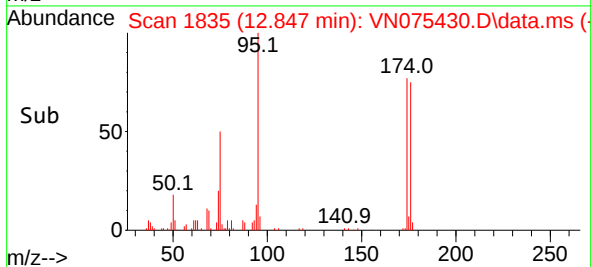
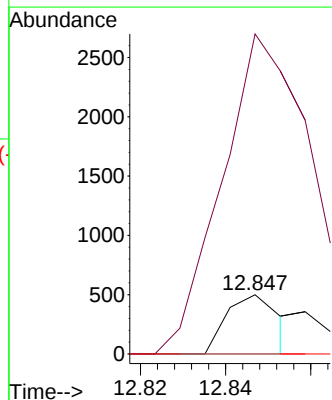
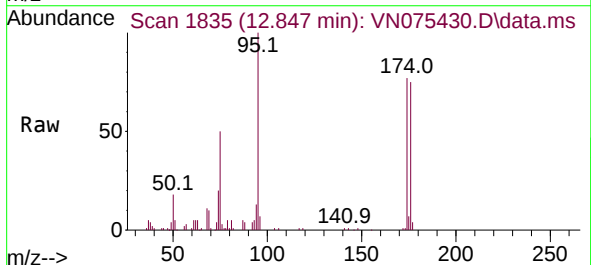
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120

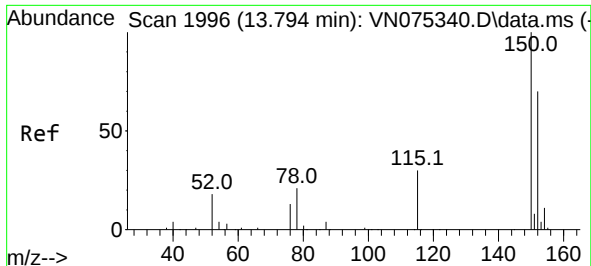
Tgt Ion:117 Resp: 202255
Ion Ratio Lower Upper
117 100
82 51.8 43.1 64.7
119 31.7 25.5 38.3



#71
Bromoform
Concen: 0.361 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Tgt Ion:173 Resp: 428
Ion Ratio Lower Upper
173 100
175 657.0 24.6 74.0#
254 0.0 0.0 0.0

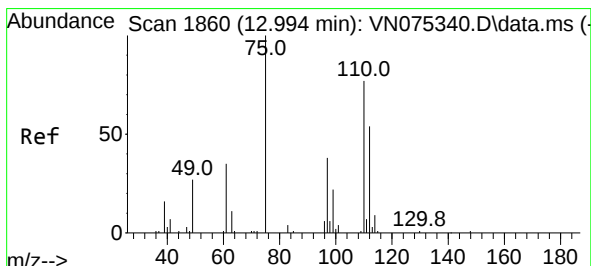
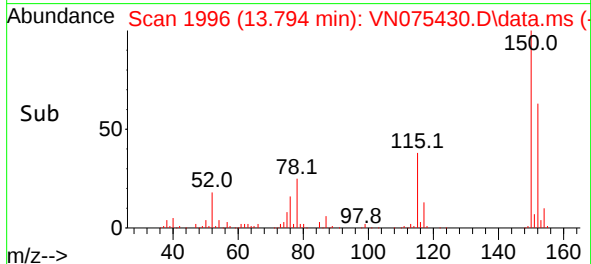
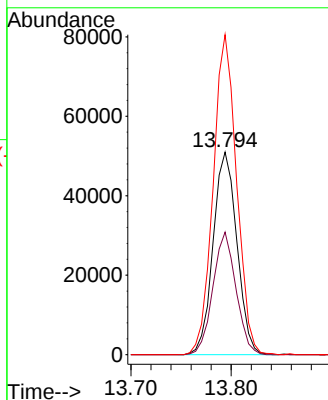
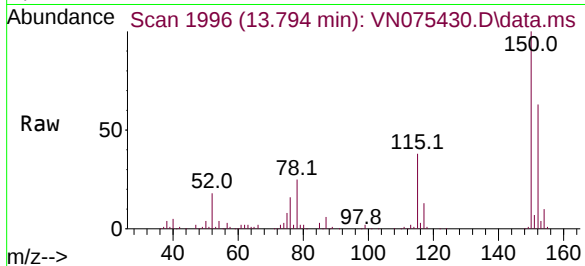




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

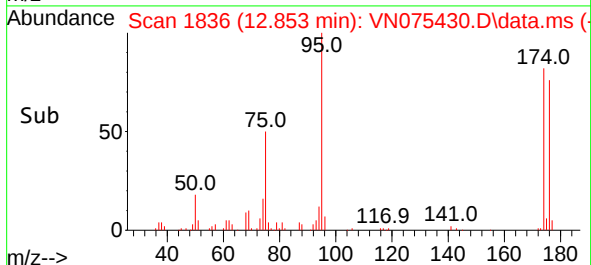
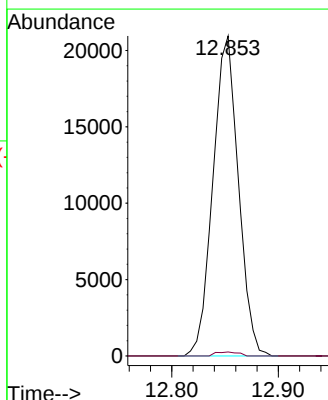
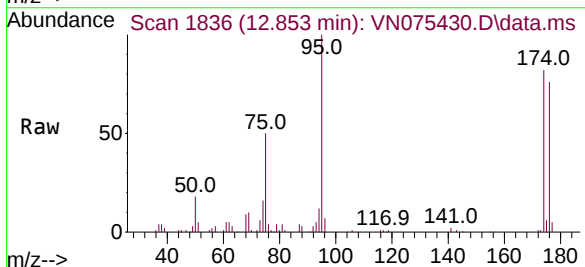
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120

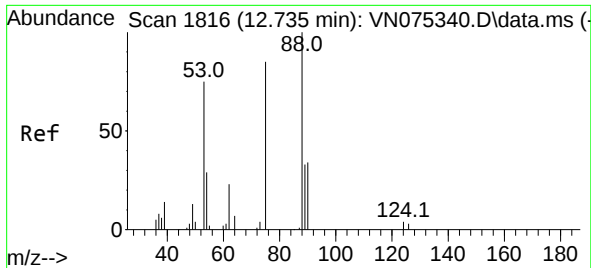
Tgt Ion:152 Resp: 84021
Ion Ratio Lower Upper
152 100
115 58.5 30.2 90.6
150 155.6 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 21.867 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

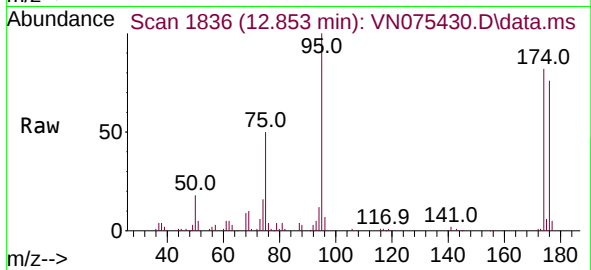
Tgt Ion: 75 Resp: 34738
Ion Ratio Lower Upper
75 100
77 1.1 75.6 226.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 64.699 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.118 min
Lab File: VN075430.D
Acq: 25 Nov 2022 18:54

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01D2-20221120



Tgt Ion: 75 Resp: 34738
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#

