

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075428.D
 Acq On : 25 Nov 2022 18:06
 Operator : JC\MD
 Sample : N5756-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01S-20221120

Quant Time: Nov 28 03:38:08 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)

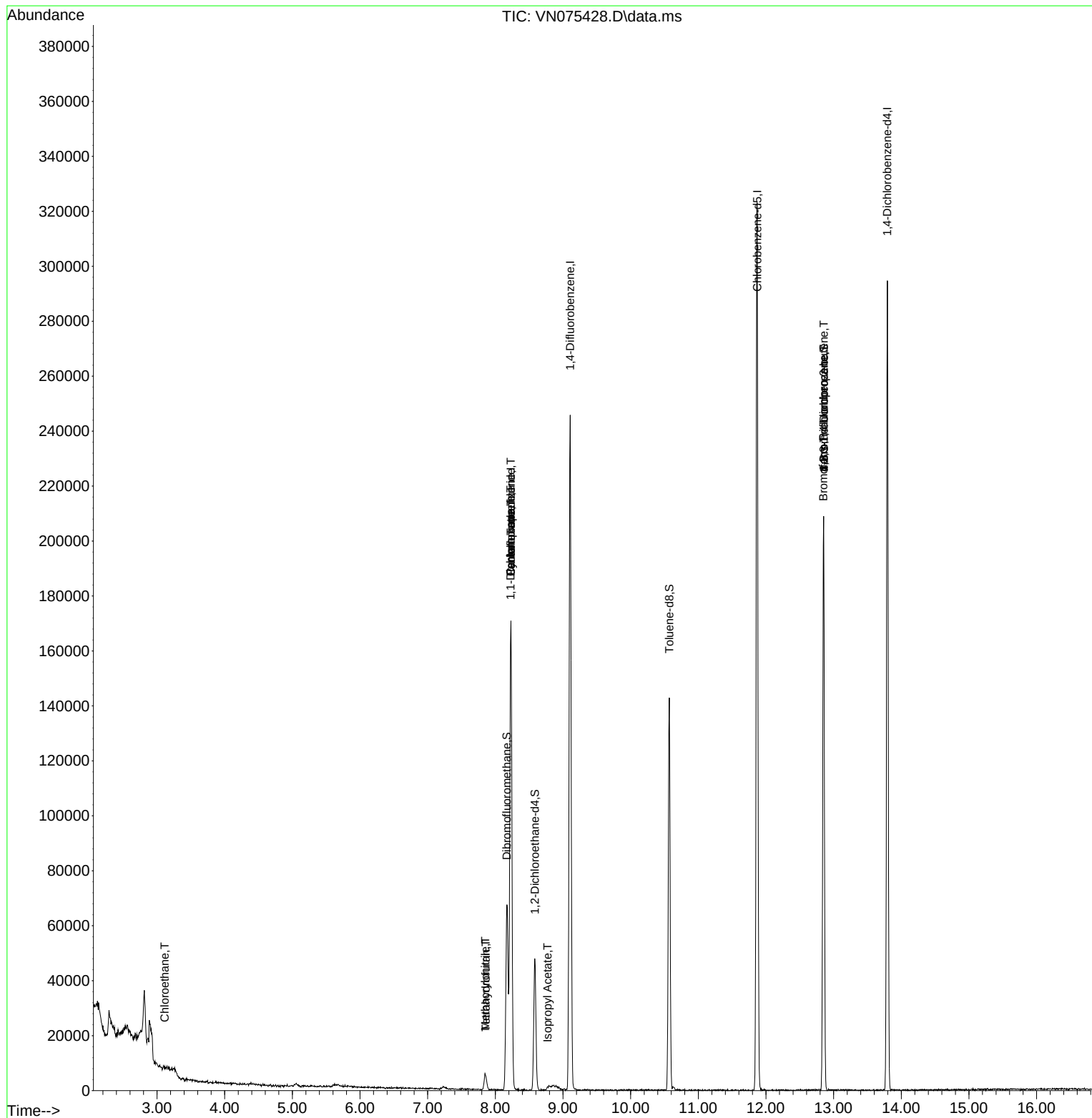
Internal Standards						
1) Pentafluorobenzene	8.230	168	132486	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	202961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	82303	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	39774	55.928	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.860%
35) Dibromofluoromethane	8.171	113	49981	55.059	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.120%
50) Toluene-d8	10.571	98	104155	50.942	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.880%
62) 4-Bromofluorobenzene	12.853	95	73174	48.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.980%
Target Compounds						
					Qvalue	
6) Chloroethane	3.112	64	399	0.331	ug/l #	45
18) Methyl Acetate	5.047	43	1505	Below Cal	#	73
29) Tetrahydrofuran	7.859	42	4455	7.908	ug/l	96
31) Cyclohexane	8.230	56	2444	1.082	ug/l #	25
36) 1,1-Dichloropropene	8.224	75	9484	4.791	ug/l #	52
38) Carbon Tetrachloride	8.230	117	13704	6.302	ug/l #	15
41) Methacrylonitrile	7.853	41	2698	2.961	ug/l #	37
43) Isopropyl Acetate	8.771	43	633	0.221	ug/l #	53
71) Bromoform	12.847	173	423	0.355	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	37089	23.834	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	37089	70.520	ug/l #	10

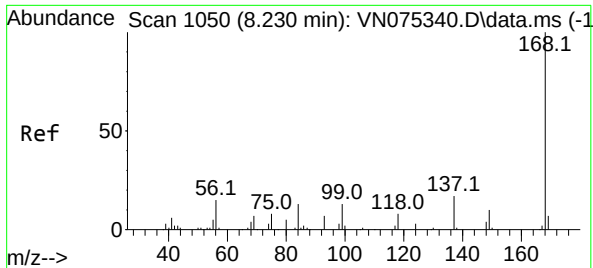
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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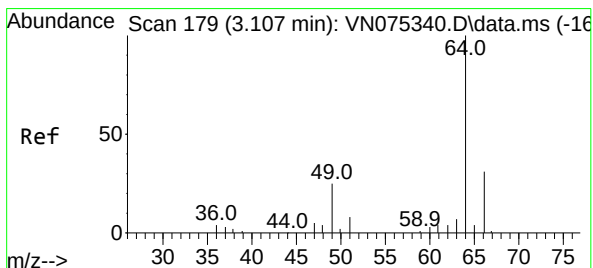
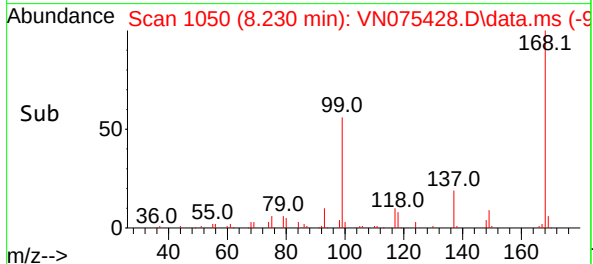
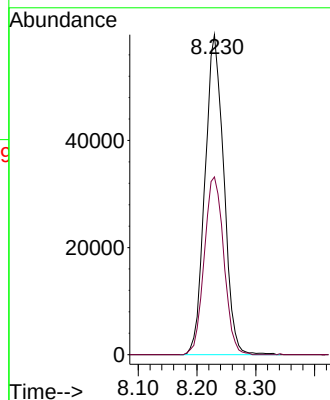
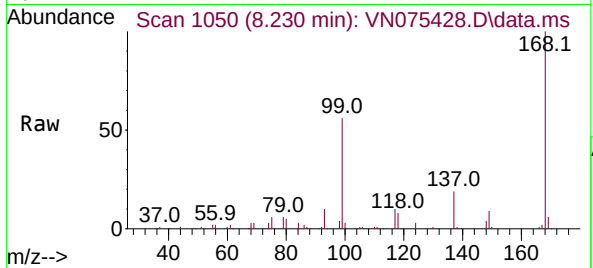




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

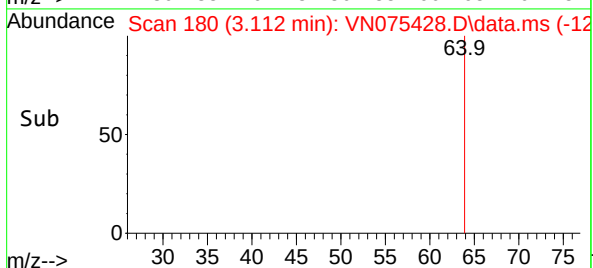
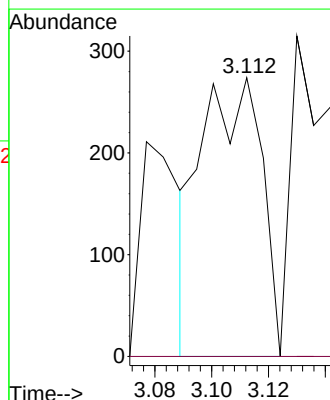
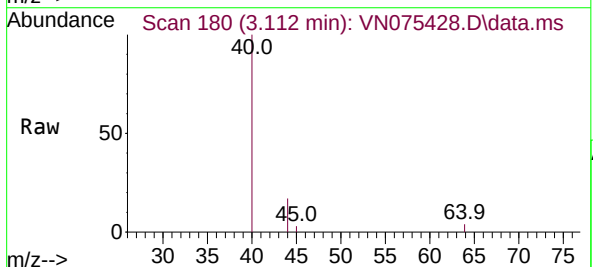
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20221120

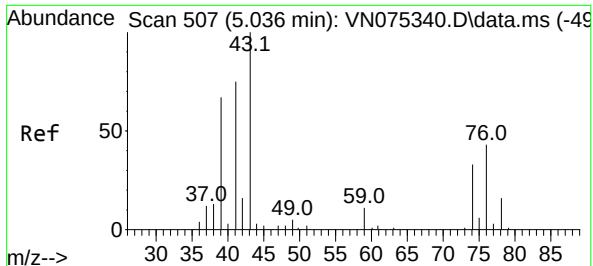
Tgt Ion:168 Resp: 132486
Ion Ratio Lower Upper
168 100
99 55.6 51.6 77.4



#6
Chloroethane
Concen: 0.331 ug/l
RT: 3.112 min Scan# 180
Delta R.T. 0.005 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Tgt Ion: 64 Resp: 399
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#

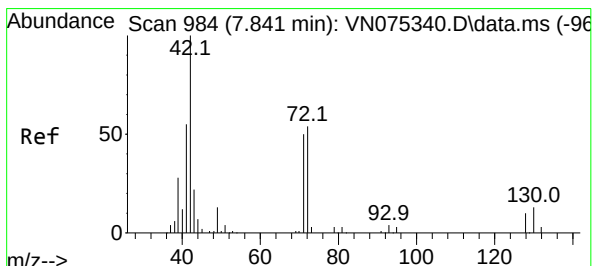
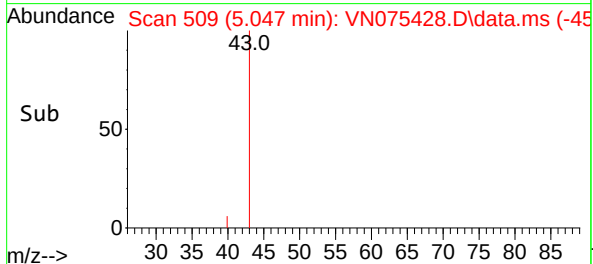
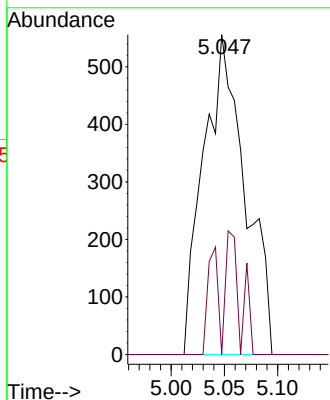
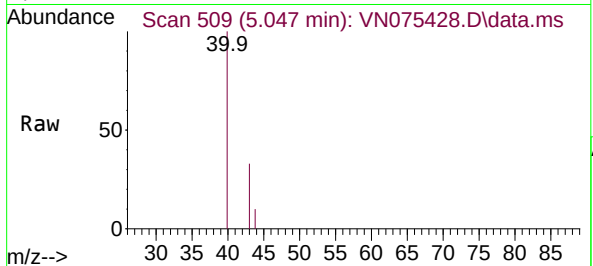




#18
Methyl Acetate
Concen: Below Cal
RT: 5.047 min Scan# 507
Delta R.T. 0.011 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

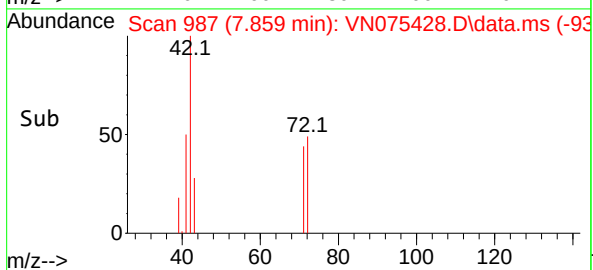
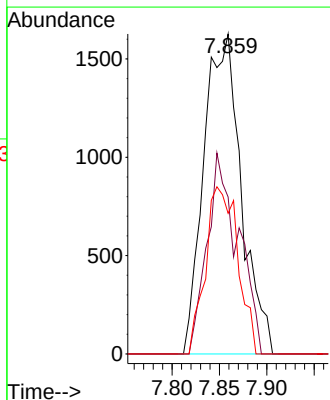
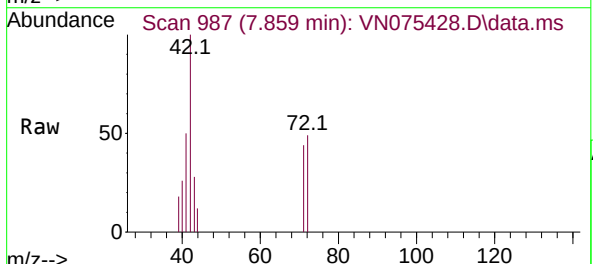
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20221120

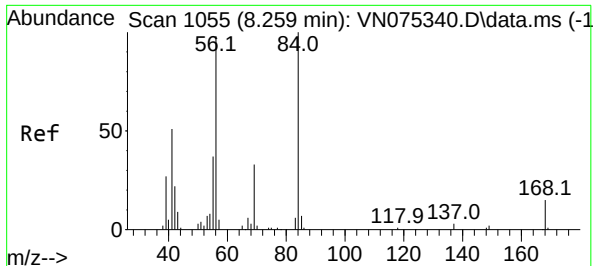
Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
74 13.6 22.0 33.0#



#29
Tetrahydrofuran
Concen: 7.908 ug/l
RT: 7.859 min Scan# 987
Delta R.T. 0.018 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

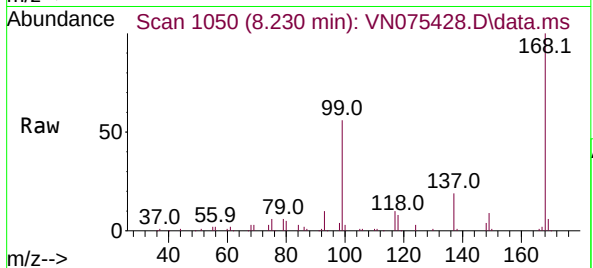
Tgt Ion: 42 Resp: 4455
Ion Ratio Lower Upper
42 100
72 52.5 43.0 64.6
71 45.1 39.9 59.9



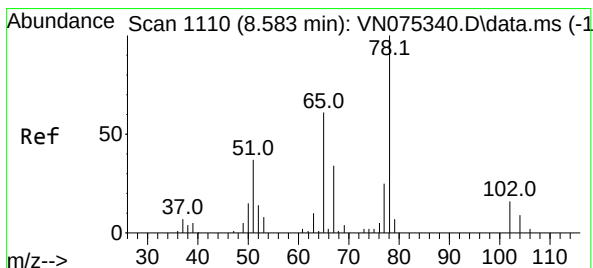
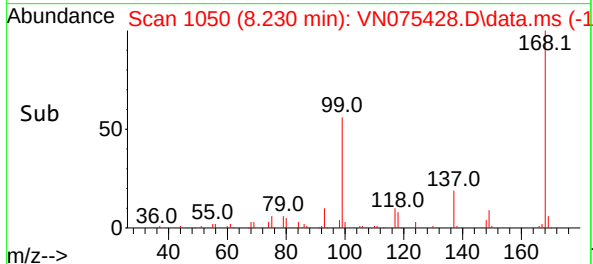
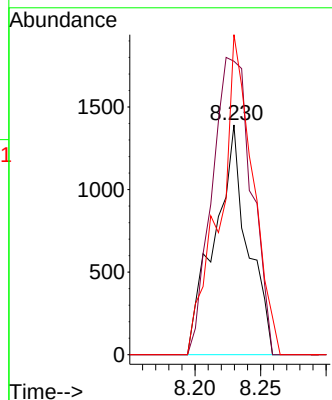


#31
Cyclohexane
Concen: 1.082 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.029 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20221120

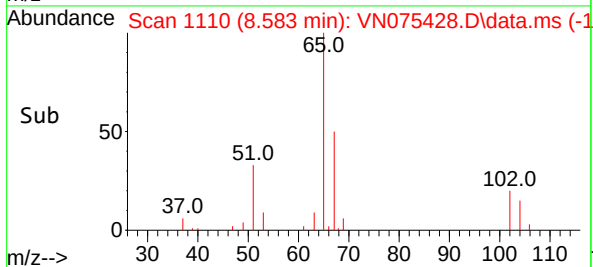
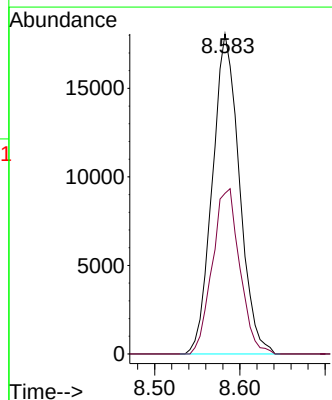
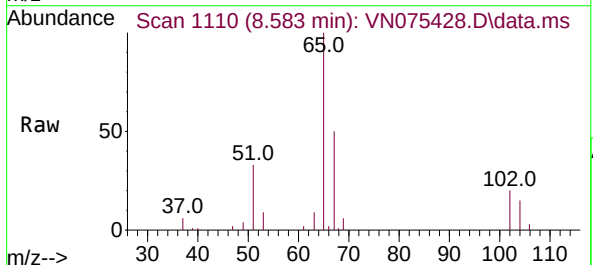


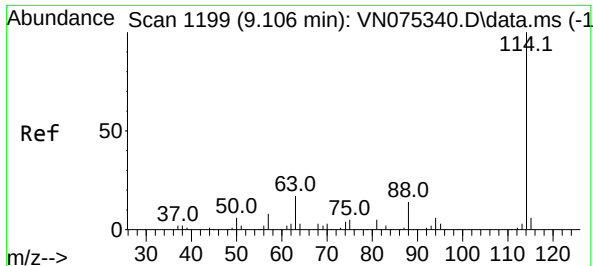
Tgt Ion: 56 Resp: 2444
Ion Ratio Lower Upper
56 100
69 127.7 25.2 37.8#
84 139.2 77.8 116.8#



#33
1,2-Dichloroethane-d4
Concen: 55.928 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Tgt Ion: 65 Resp: 39774
Ion Ratio Lower Upper
65 100
67 52.5 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: VN075428.D

Acq: 25 Nov 2022 18:06

Instrument :

MSVOA_N

ClientSampleId :

RW9-MW01S-20221120

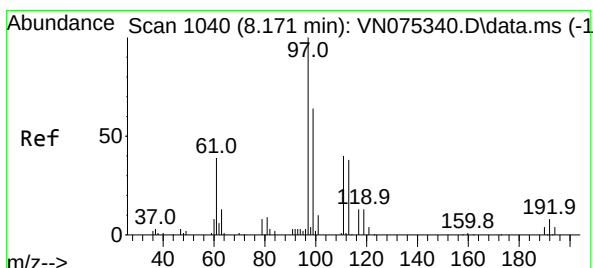
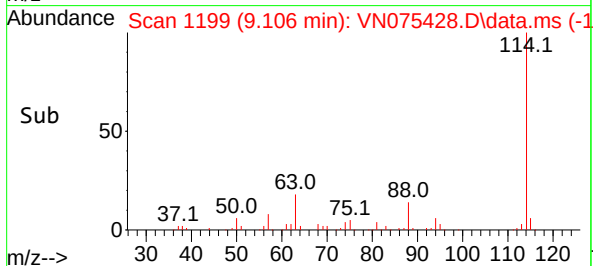
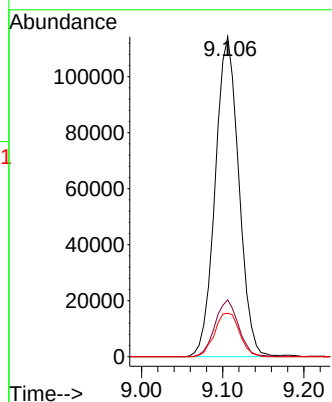
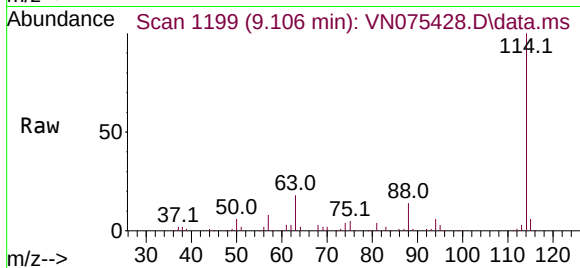
Tgt Ion:114 Resp: 231084

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 13.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 55.059 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075428.D

Acq: 25 Nov 2022 18:06

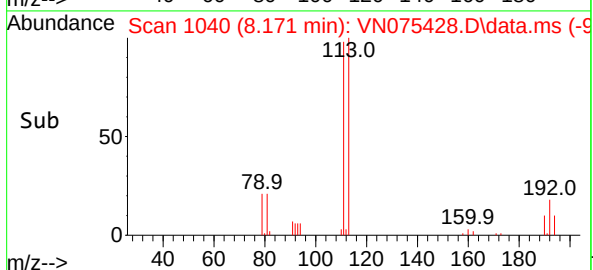
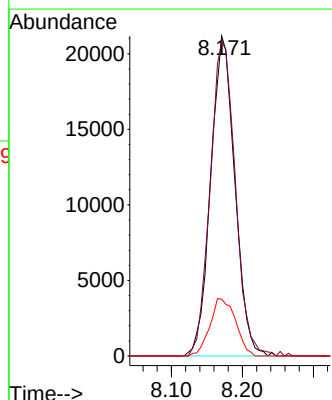
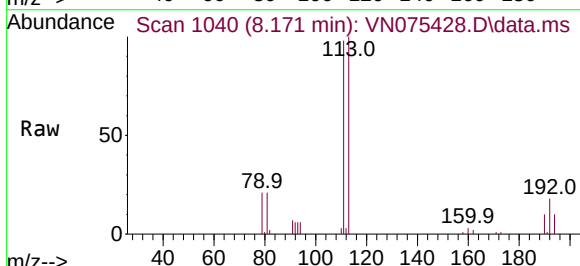
Tgt Ion:113 Resp: 49981

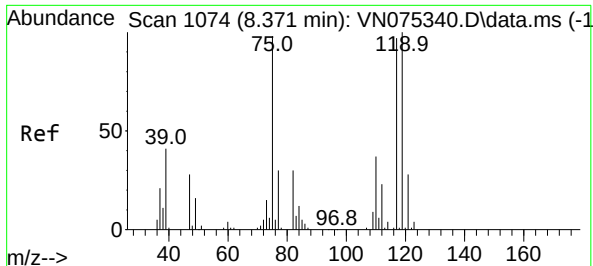
Ion Ratio Lower Upper

113 100

111 101.9 80.5 120.7

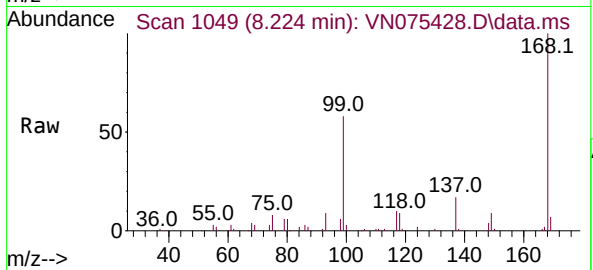
192 19.1 13.2 19.8



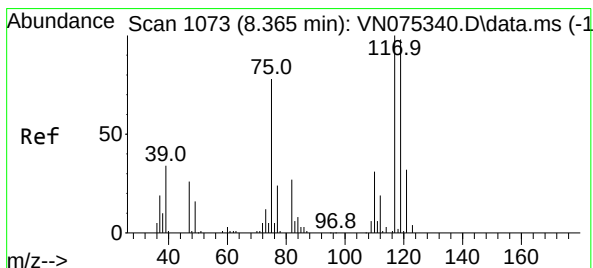
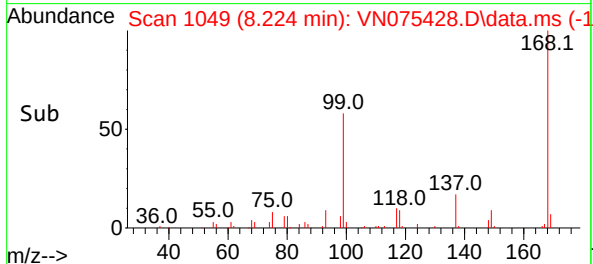
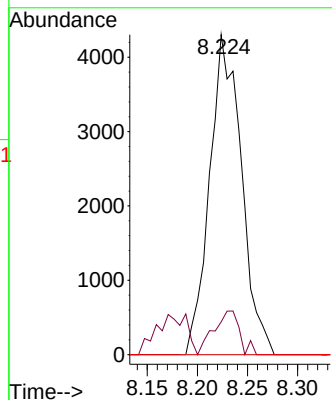


#36
1,1-Dichloropropene
Concen: 4.791 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Instrument :
MSVOA_N
ClientSampleId :
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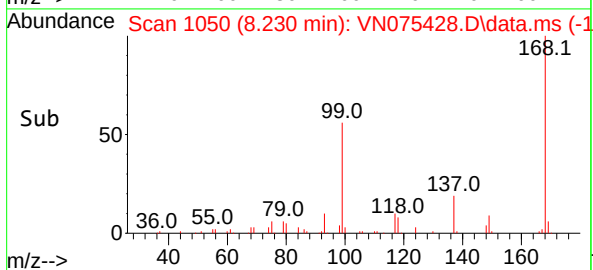
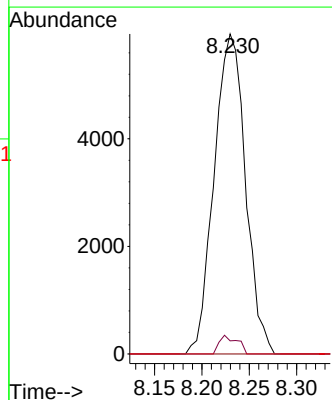
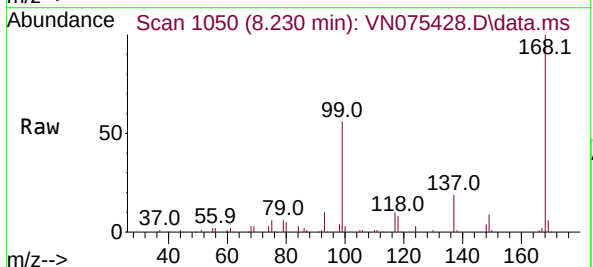


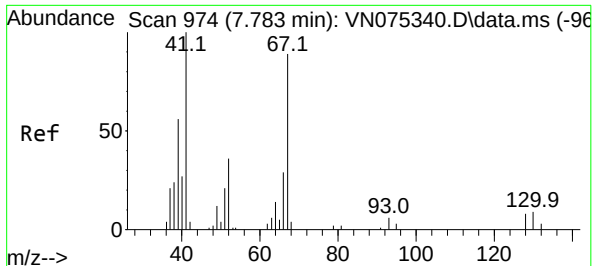
Tgt Ion: 75 Resp: 9484
Ion Ratio Lower Upper
75 100
110 11.1 17.8 53.3#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.302 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

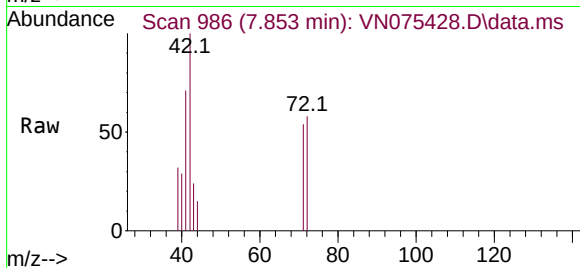
Tgt Ion: 117 Resp: 13704
Ion Ratio Lower Upper
117 100
119 4.1 76.7 115.1#
121 0.0 23.9 35.9#



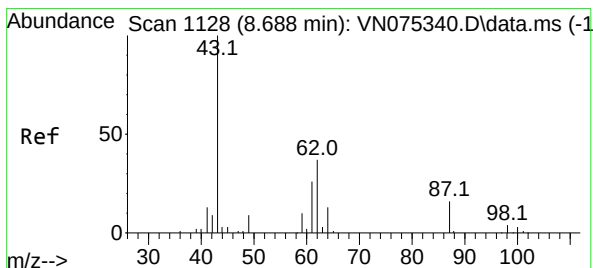
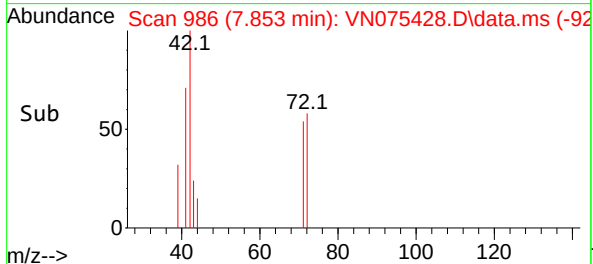
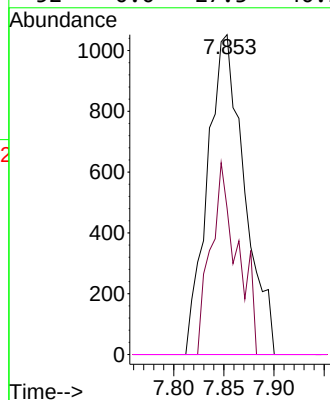


#41
Methacrylonitrile
Concen: 2.961 ug/l
RT: 7.853 min Scan# 91
Delta R.T. 0.070 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

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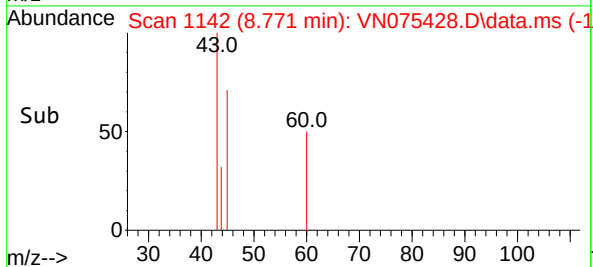
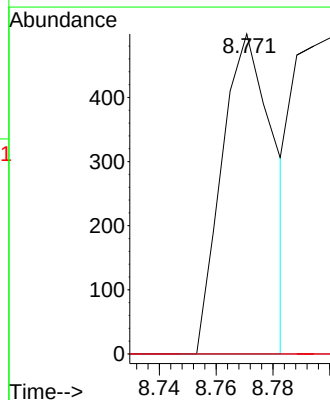
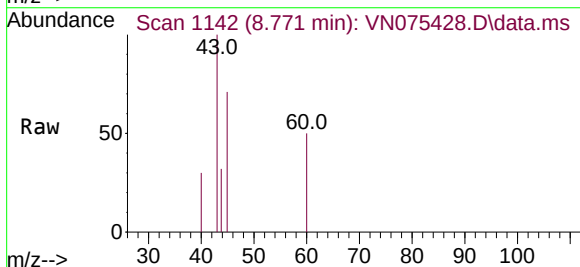


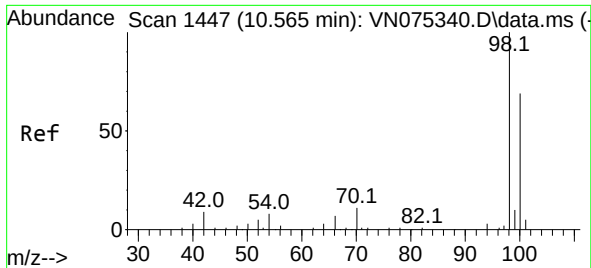
Tgt Ion: 41	Resp: 2698
Ion Ratio	Lower Upper
41 100	
39 43.1	44.4 66.6#
67 0.0	69.8 104.6#
52 0.0	27.3 40.9#



#43
Isopropyl Acetate
Concen: 0.221 ug/l
RT: 8.771 min Scan# 1142
Delta R.T. 0.083 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Tgt Ion: 43	Resp: 633
Ion Ratio	Lower Upper
43 100	
61 0.0	22.4 33.6#
87 0.0	12.5 18.7#

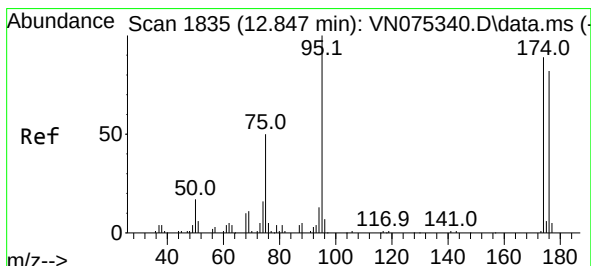
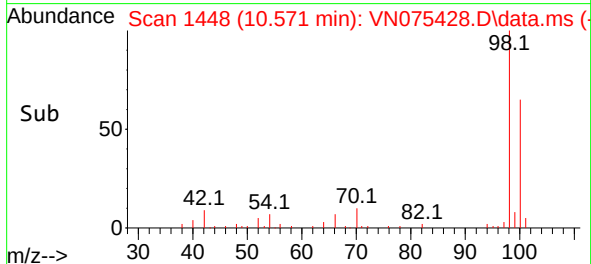
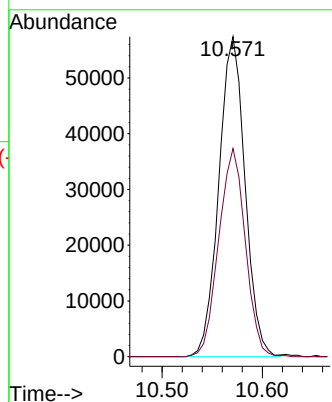
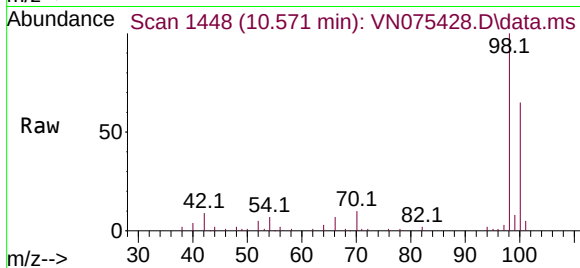




#50
Toluene-d8
Concen: 50.942 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

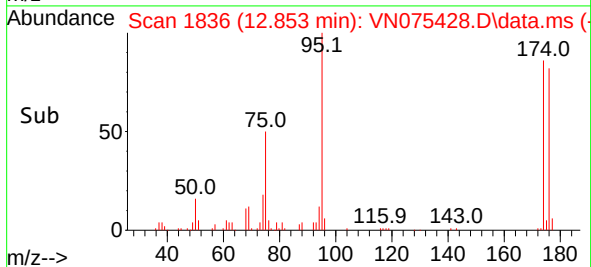
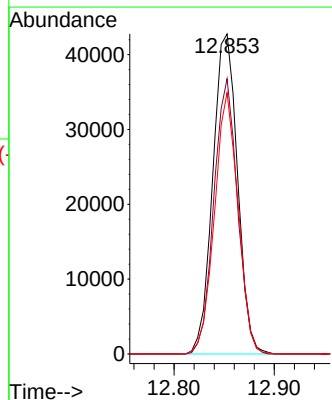
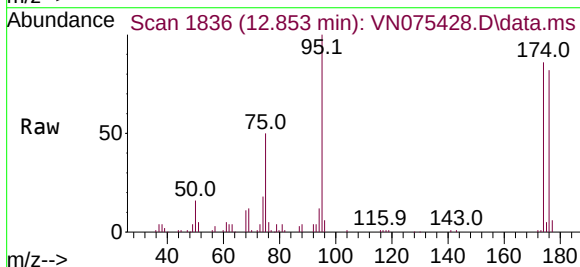
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20221120

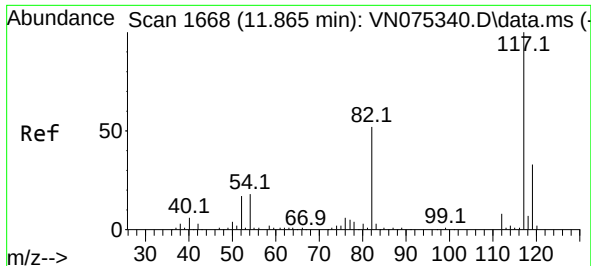
Tgt Ion: 98 Resp: 104155
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 48.488 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Tgt Ion: 95 Resp: 73174
Ion Ratio Lower Upper
95 100
174 82.5 0.0 147.4
176 78.0 0.0 142.2

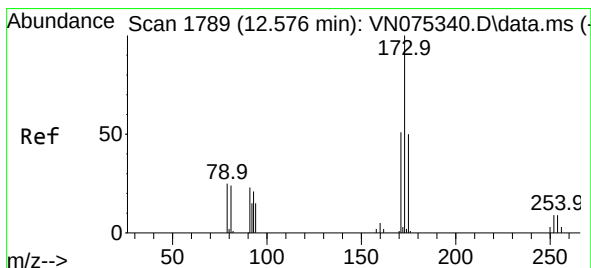
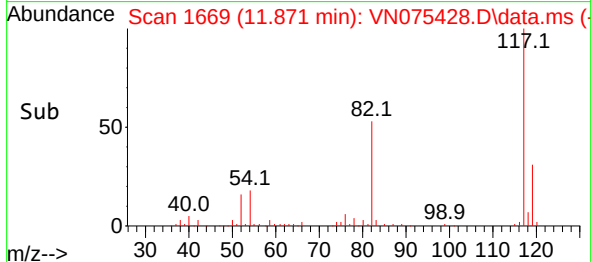
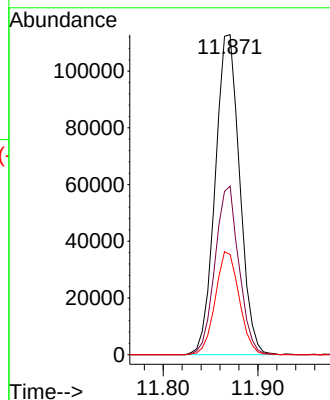
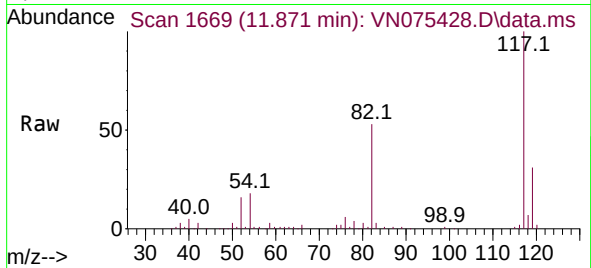




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

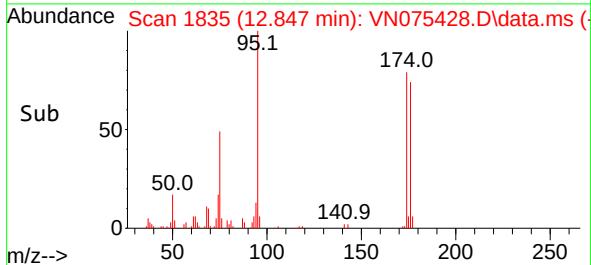
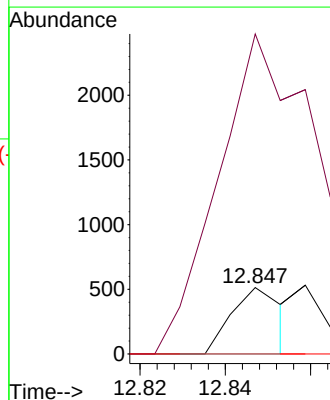
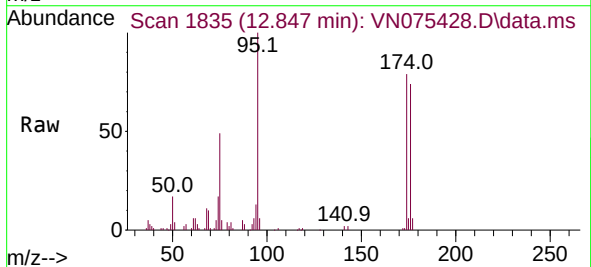
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20221120

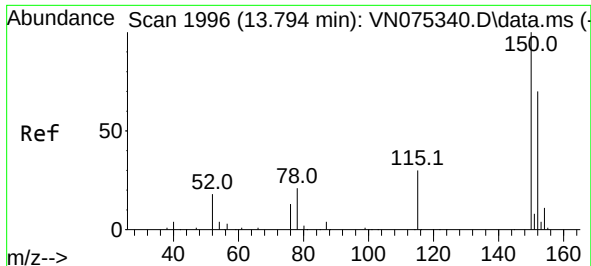
Tgt Ion:117 Resp: 202961
Ion Ratio Lower Upper
117 100
82 52.6 43.1 64.7
119 31.3 25.5 38.3



#71
Bromoform
Concen: 0.355 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.271 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Tgt Ion:173 Resp: 423
Ion Ratio Lower Upper
173 100
175 624.8 24.6 74.0#
254 0.0 0.0 0.0

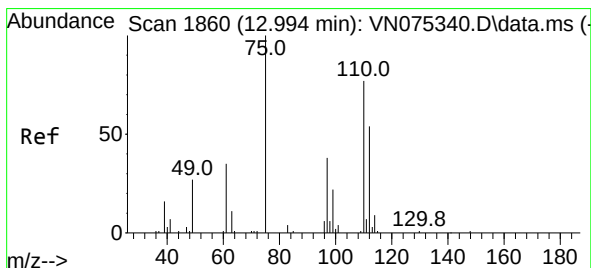
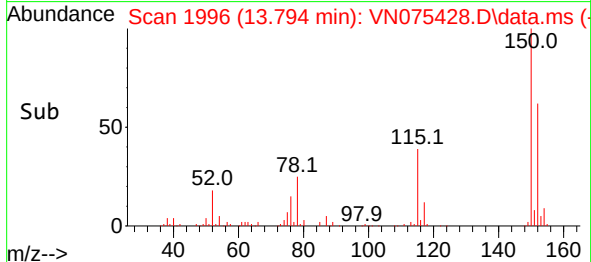
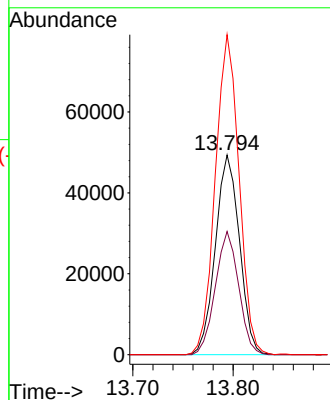
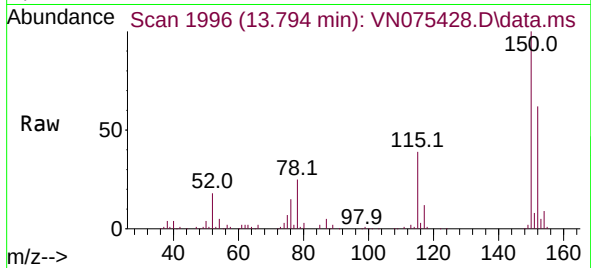




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

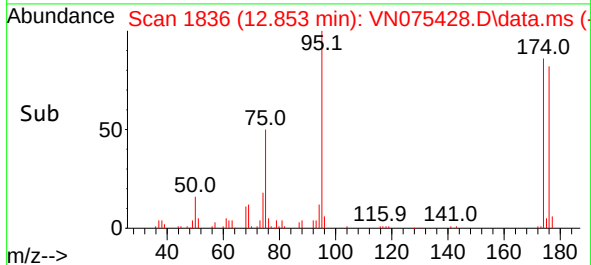
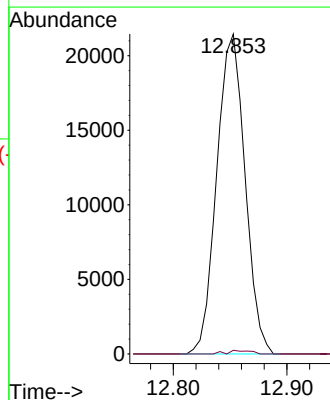
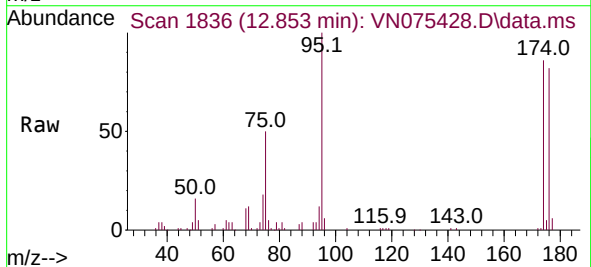
Instrument :
MSVOA_N
ClientSampleId :
RW9-MW01S-20221120

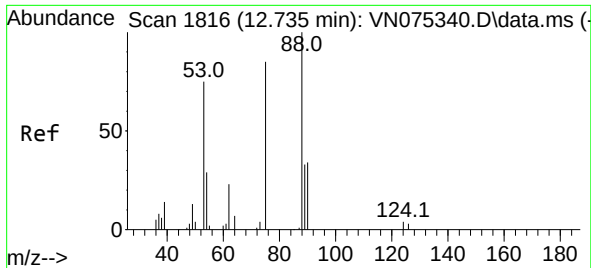
Tgt Ion:152 Resp: 82303
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 158.0 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 23.834 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN075428.D
Acq: 25 Nov 2022 18:06

Tgt Ion: 75 Resp: 37089
Ion Ratio Lower Upper
75 100
77 0.9 75.6 226.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.520 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN075428.D
 Acq: 25 Nov 2022 18:06

Instrument :
 MSVOA_N
 ClientSampleId :
 RW9-MW01S-20221120

Tgt Ion: 75 Resp: 37089
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 37.7 56.5#

