

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112522\
 Data File : VN075419.D
 Acq On : 25 Nov 2022 14:31
 Operator : JC\MD
 Sample : N5756-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D1-20221119

Quant Time: Nov 28 03:35:45 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)

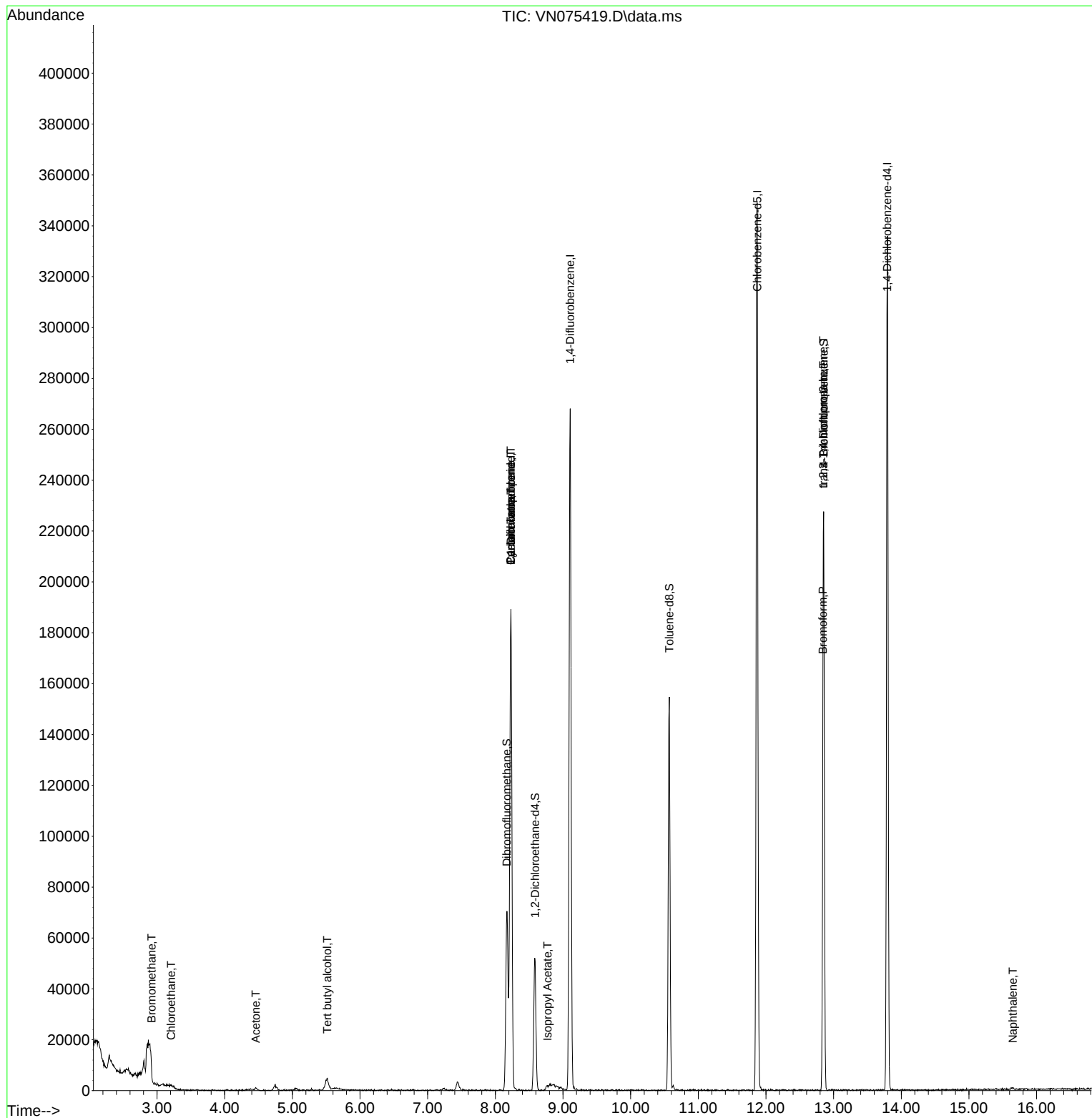
Internal Standards						
1) Pentafluorobenzene	8.230	168	148058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	247852	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	42305	53.230	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.460%			
35) Dibromofluoromethane	8.171	113	51775	53.177	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.360%			
50) Toluene-d8	10.571	98	112952	51.508	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.020%			
62) 4-Bromofluorobenzene	12.853	95	77947	48.157	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.320%			
Target Compounds						Qvalue
5) Bromomethane	2.918	94	347	0.222	ug/l	97
6) Chloroethane	3.206	64	1537	1.143	ug/l #	45
11) Tert butyl alcohol	5.518	59	4304	12.901	ug/l #	72
16) Acetone	4.459	43	1059	1.429	ug/l	96
18) Methyl Acetate	5.053	43	1389	Below Cal	#	67
20) Methylene Chloride	5.283	84	257	Below Cal	#	68
31) Cyclohexane	8.230	56	2410	0.954	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	11135	5.244	ug/l #	49
38) Carbon Tetrachloride	8.230	117	15416	6.609	ug/l #	15
43) Isopropyl Acetate	8.771	43	1249	0.407	ug/l #	53
71) Bromoform	12.841	173	396	0.305	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	39203	21.604	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	39203	63.923	ug/l #	10
95) Naphthalene	15.647	128	1223	0.237	ug/l #	69

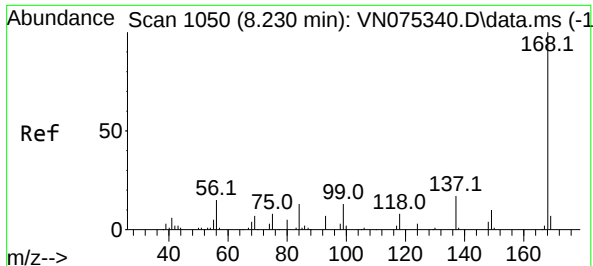
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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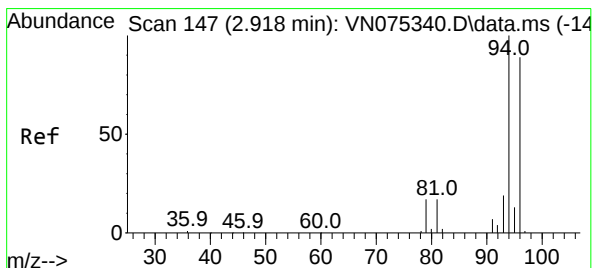
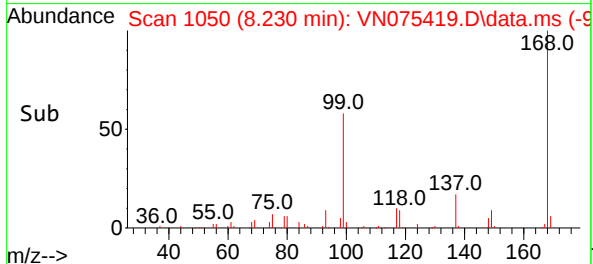
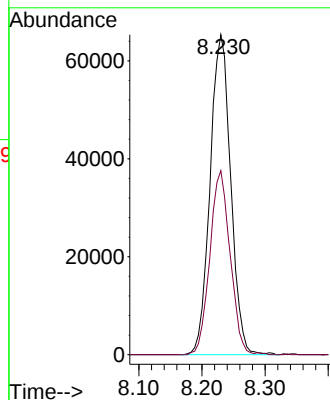
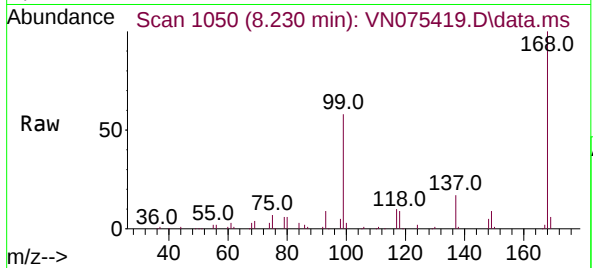




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

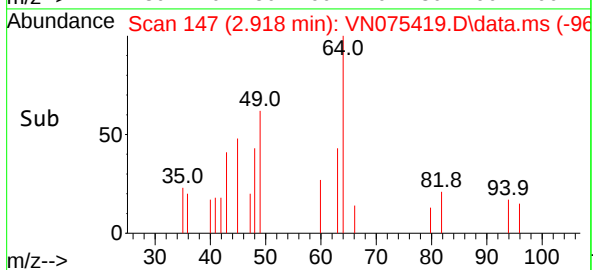
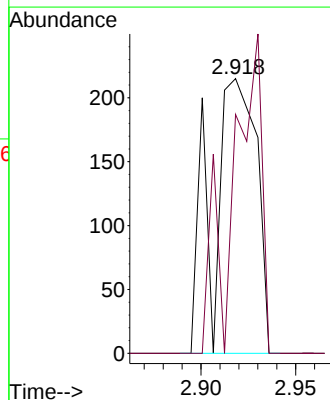
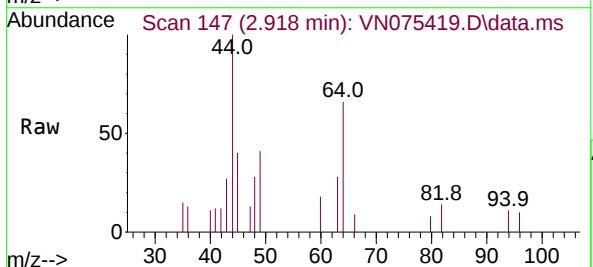
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20221119

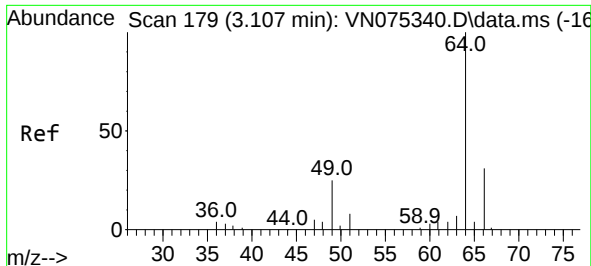
Tgt Ion:168 Resp: 148058
Ion Ratio Lower Upper
168 100
99 57.5 51.6 77.4



#5
Bromomethane
Concen: 0.222 ug/l
RT: 2.918 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

Tgt Ion: 94 Resp: 347
Ion Ratio Lower Upper
94 100
96 87.0 71.8 107.6

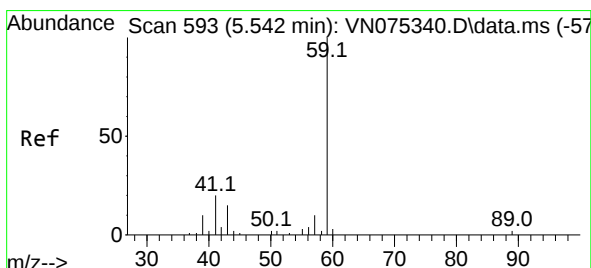
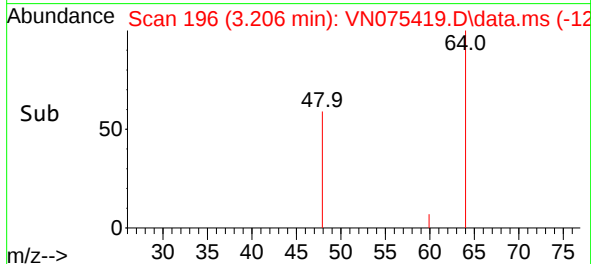
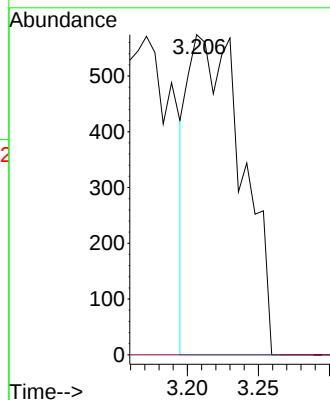
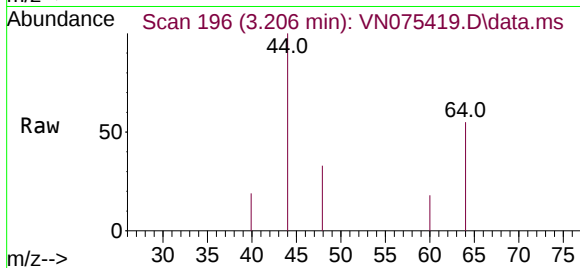




#6
Chloroethane
Concen: 1.143 ug/l
RT: 3.206 min Scan# 196
Delta R.T. 0.099 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

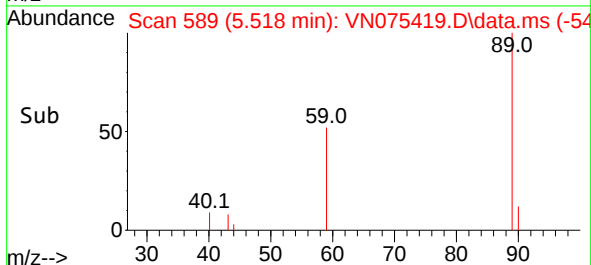
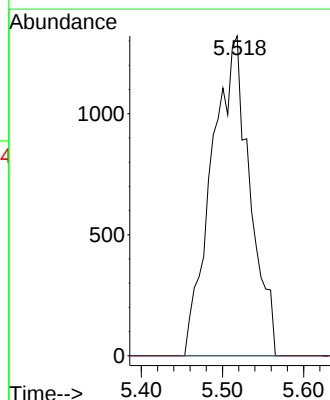
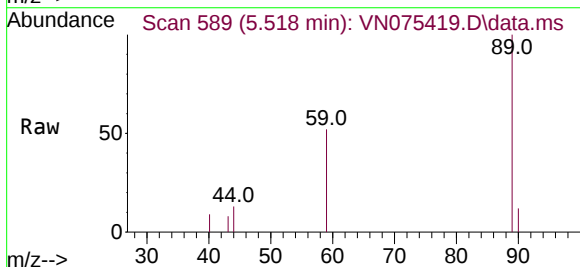
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20221119

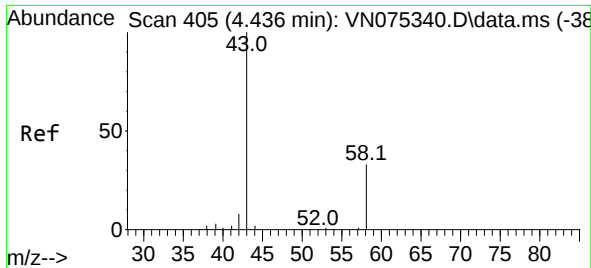
Tgt Ion: 64 Resp: 1537
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.8#



#11
Tert butyl alcohol
Concen: 12.901 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.024 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

Tgt Ion: 59 Resp: 4304
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#





#16

Acetone

Concen: 1.429 ug/l

RT: 4.459 min Scan# 409

Delta R.T. 0.023 min

Lab File: VN075419.D

Acq: 25 Nov 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

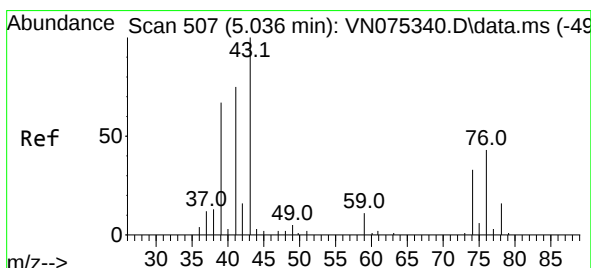
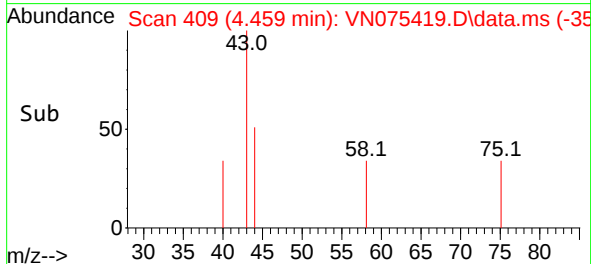
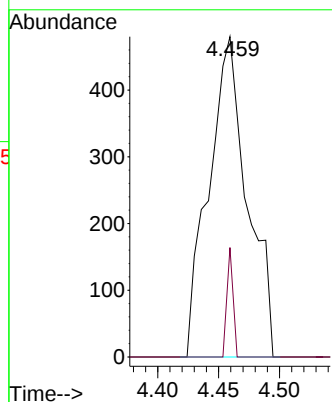
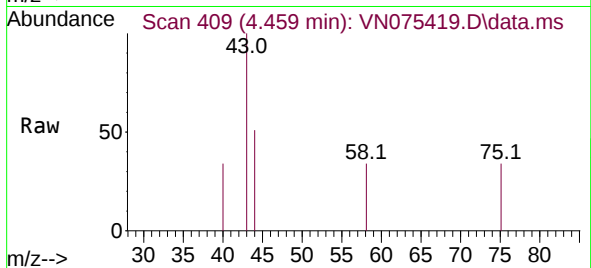
RW8-MW01D1-20221119

Tgt Ion: 43 Resp: 1059

Ion Ratio Lower Upper

43 100

58 34.2 25.5 38.3



#18

Methyl Acetate

Concen: Below Cal

RT: 5.053 min Scan# 510

Delta R.T. 0.017 min

Lab File: VN075419.D

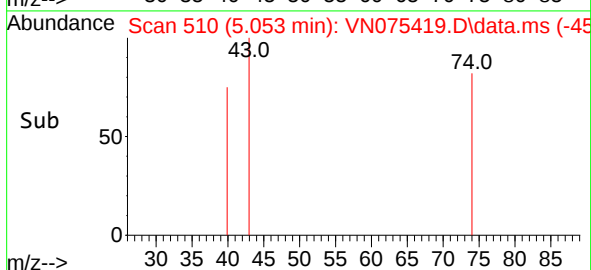
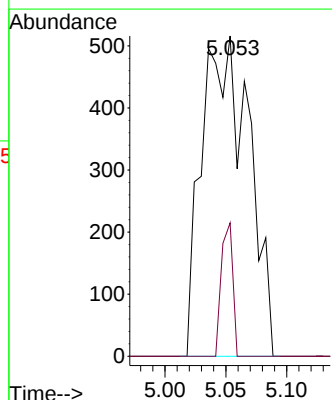
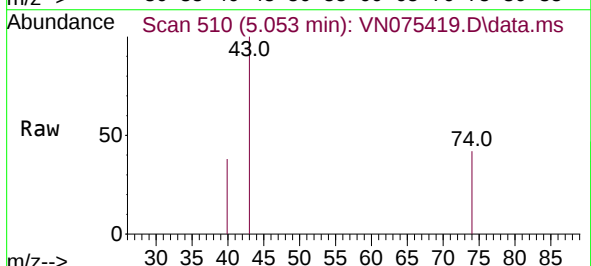
Acq: 25 Nov 2022 14:31

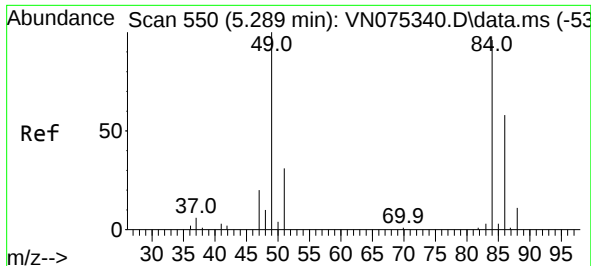
Tgt Ion: 43 Resp: 1389

Ion Ratio Lower Upper

43 100

74 10.1 22.0 33.0#





#20

Methylene Chloride

Concen: Below Cal

RT: 5.283 min Scan# 54

Delta R.T. -0.006 min

Lab File: VN075419.D

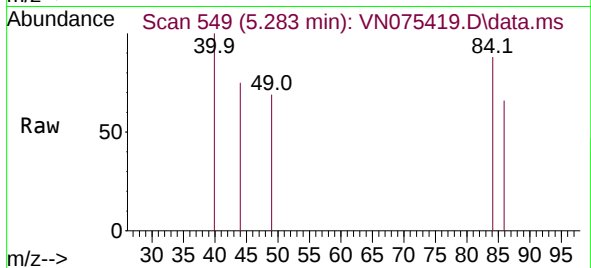
Acq: 25 Nov 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D1-20221119



Tgt Ion: 84 Resp: 257

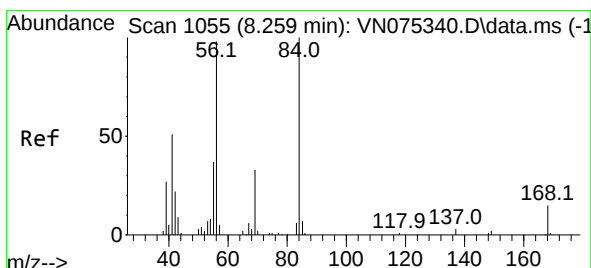
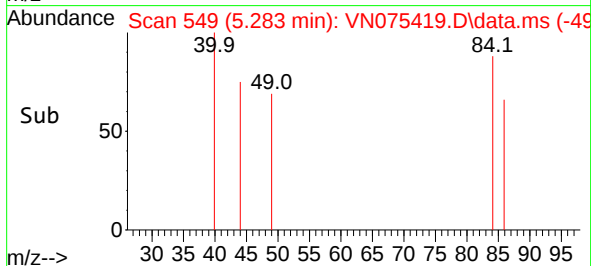
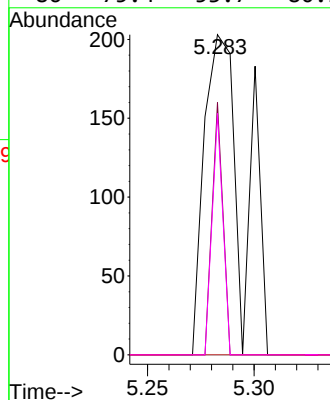
Ion Ratio Lower Upper

84 100

49 78.8 94.9 142.3#

51 0.0 26.8 40.2#

86 75.4 53.7 80.5



#31

Cyclohexane

Concen: 0.954 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN075419.D

Acq: 25 Nov 2022 14:31

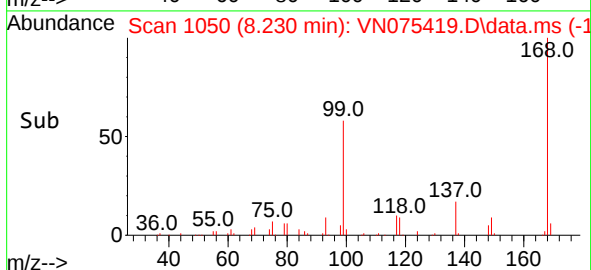
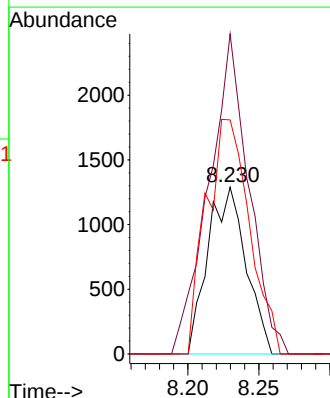
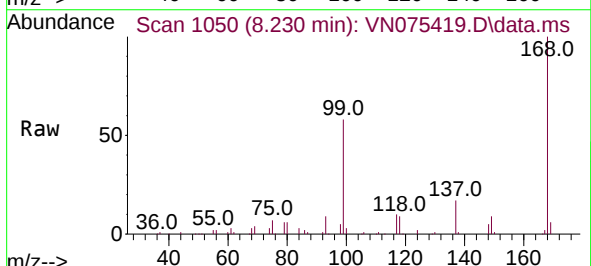
Tgt Ion: 56 Resp: 2410

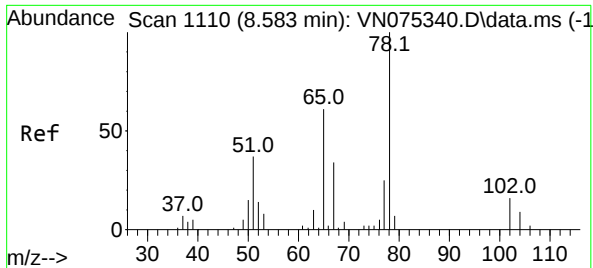
Ion Ratio Lower Upper

56 100

69 180.1 25.2 37.8#

84 140.3 77.8 116.8#





#33

1,2-Dichloroethane-d4

Concen: 53.230 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.005 min

Lab File: VN075419.D

Acq: 25 Nov 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

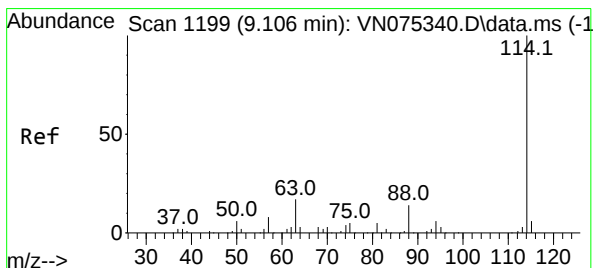
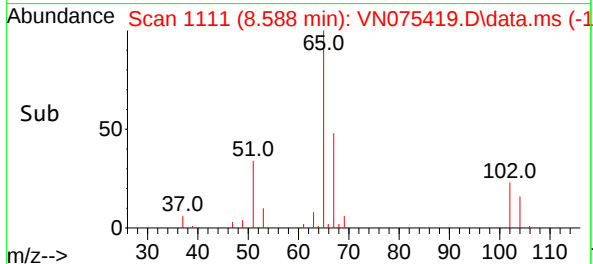
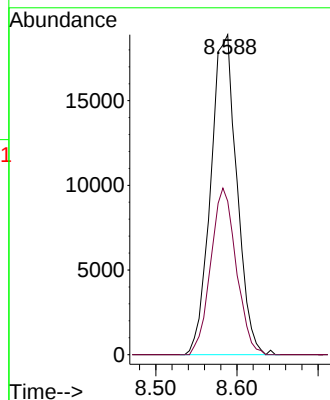
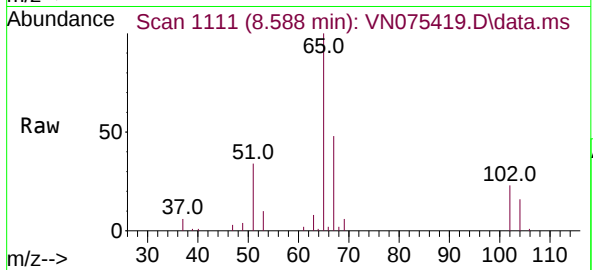
RW8-MW01D1-20221119

Tgt Ion: 65 Resp: 42305

Ion Ratio Lower Upper

65 100

67 50.7 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: VN075419.D

Acq: 25 Nov 2022 14:31

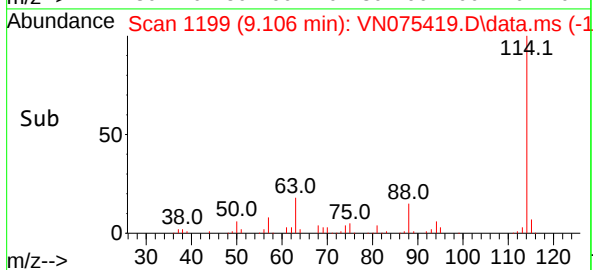
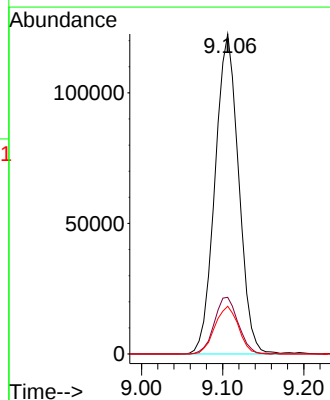
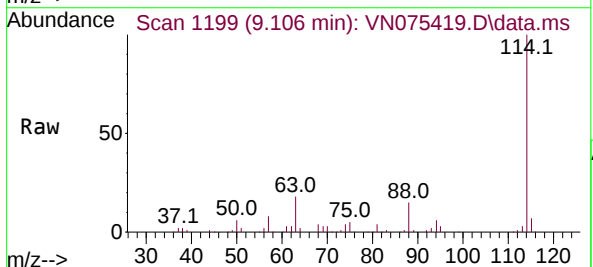
Tgt Ion: 114 Resp: 247852

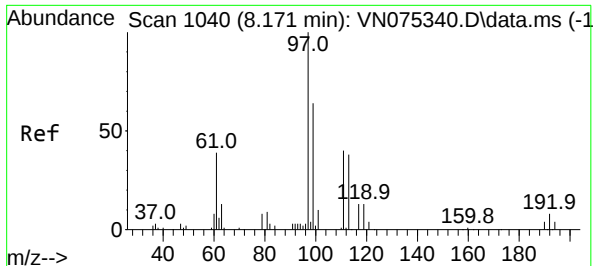
Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.6

88 14.9 0.0 29.0

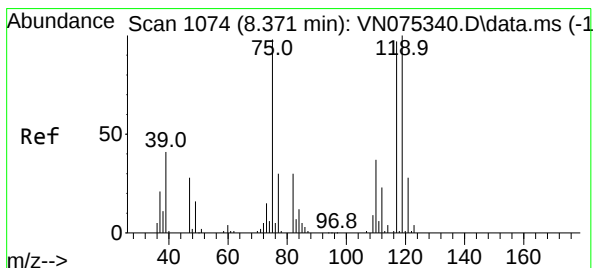
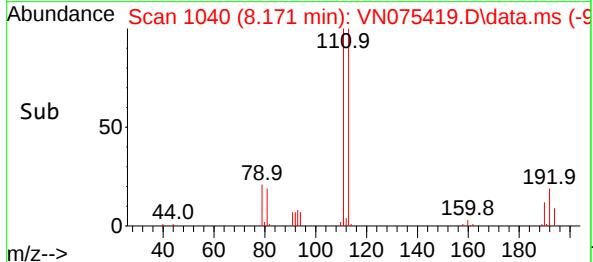
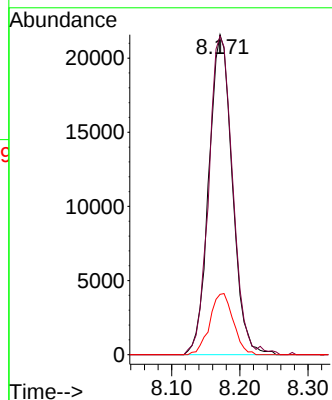
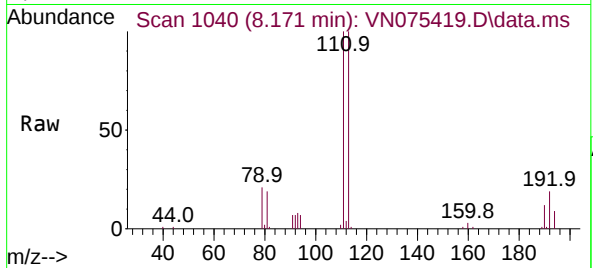




#35
Dibromofluoromethane
Concen: 53.177 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

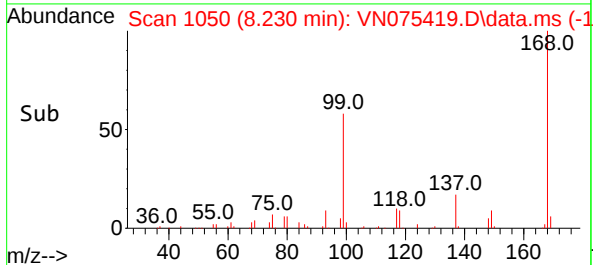
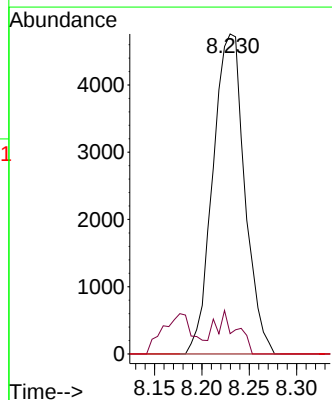
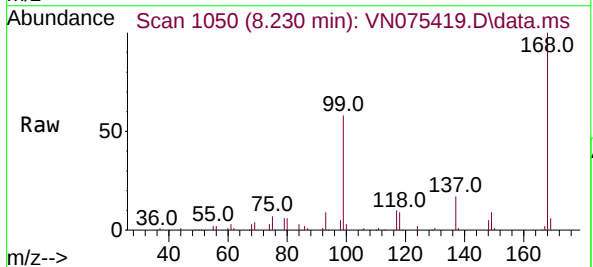
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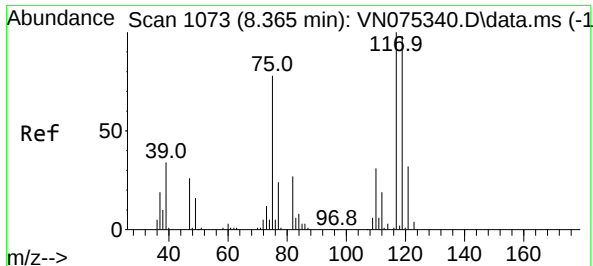
Tgt Ion:113 Resp: 51775
Ion Ratio Lower Upper
113 100
111 101.7 80.5 120.7
192 19.0 13.2 19.8



#36
1,1-Dichloropropene
Concen: 5.244 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.141 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

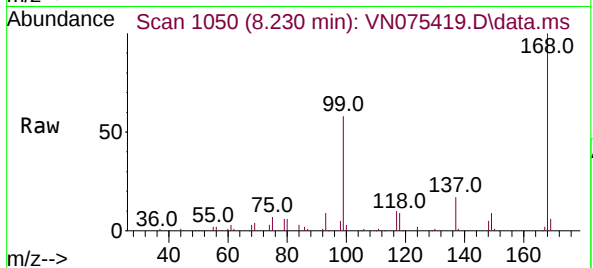
Tgt Ion: 75 Resp: 11135
Ion Ratio Lower Upper
75 100
110 8.8 17.8 53.3#
77 0.0 24.6 37.0#



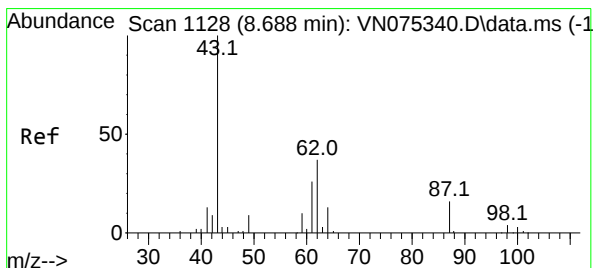
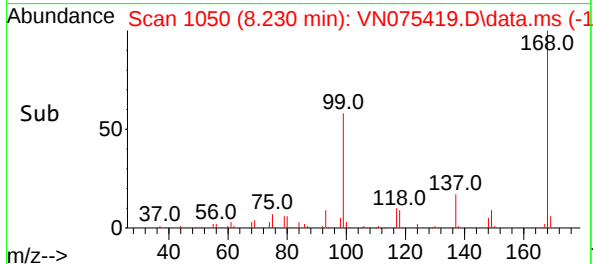
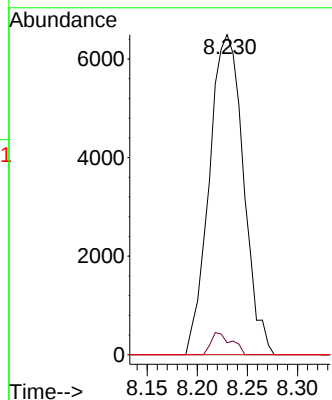


#38
Carbon Tetrachloride
Concen: 6.609 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.135 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20221119

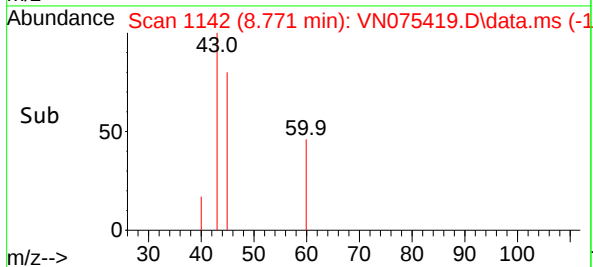
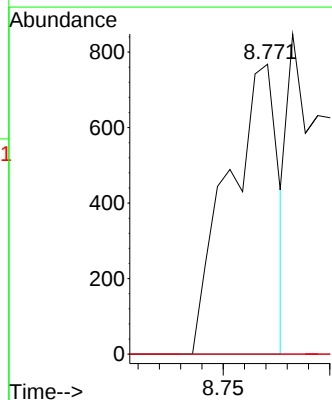
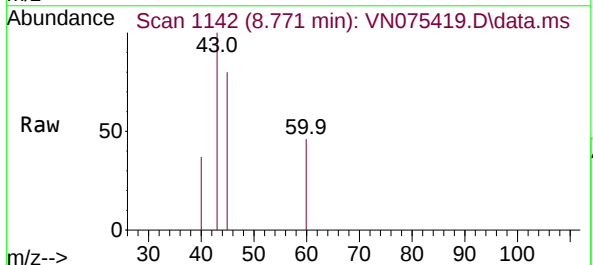


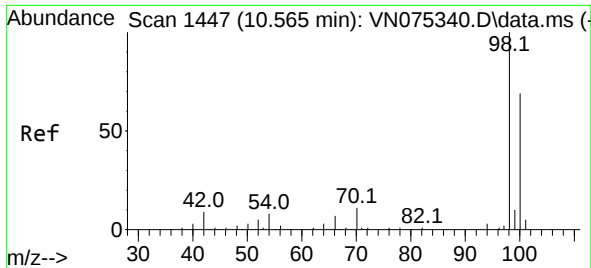
Tgt Ion:117 Resp: 15416
Ion Ratio Lower Upper
117 100
119 3.8 76.7 115.1#
121 0.0 23.9 35.9#



#43
Isopropyl Acetate
Concen: 0.407 ug/l
RT: 8.771 min Scan# 1142
Delta R.T. 0.083 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

Tgt Ion: 43 Resp: 1249
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 12.5 18.7#

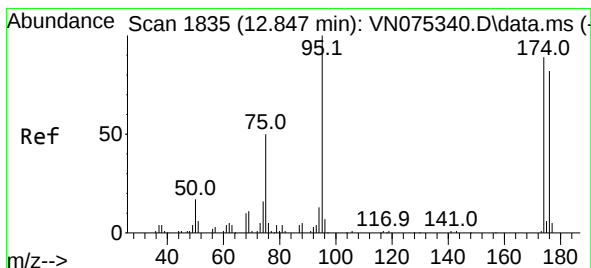
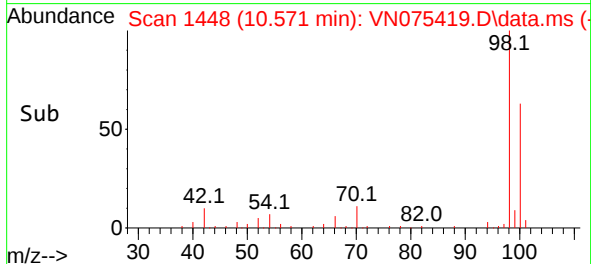
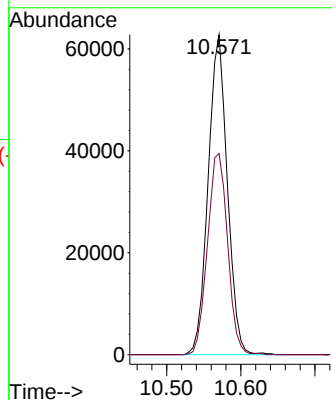
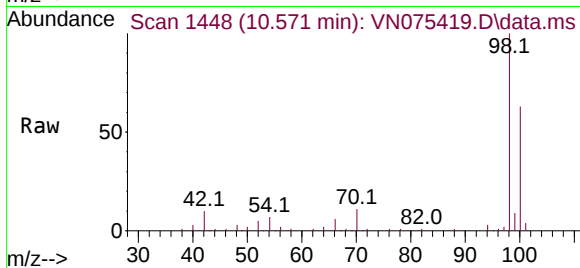




#50
Toluene-d8
Concen: 51.508 ug/l
RT: 10.571 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

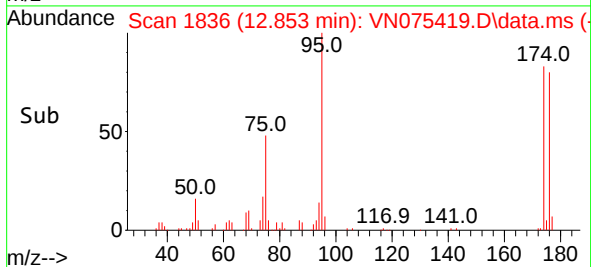
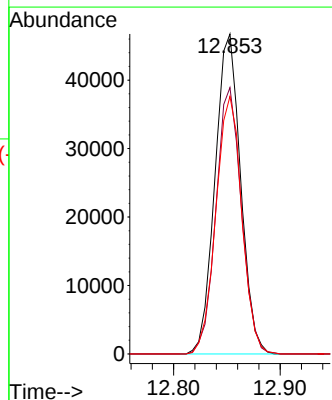
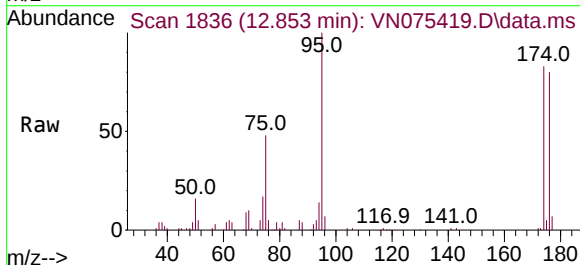
Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20221119

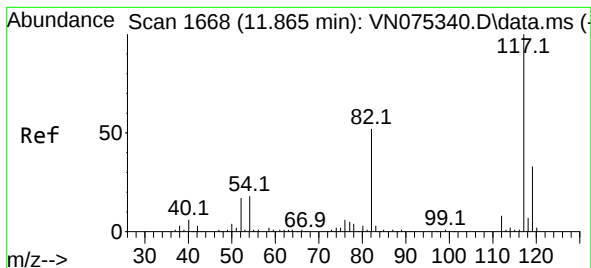
Tgt Ion: 98 Resp: 112952
Ion Ratio Lower Upper
98 100
100 65.8 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 48.157 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

Tgt Ion: 95 Resp: 77947
Ion Ratio Lower Upper
95 100
174 82.6 0.0 147.4
176 81.3 0.0 142.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN075419.D

Acq: 25 Nov 2022 14:31

Instrument :

MSVOA_N

ClientSampleId :

RW8-MW01D1-20221119

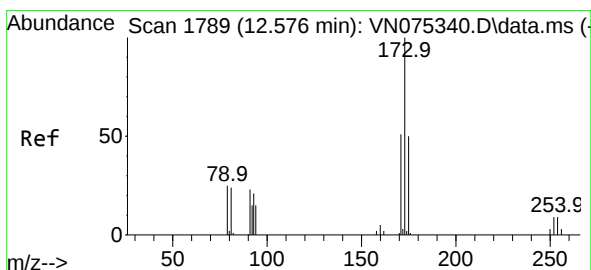
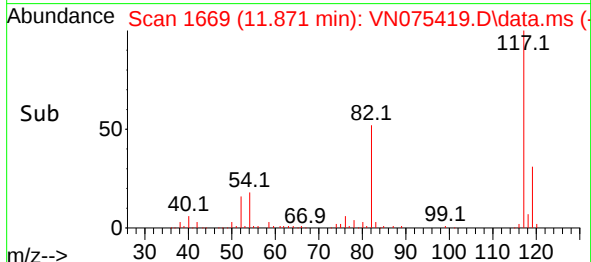
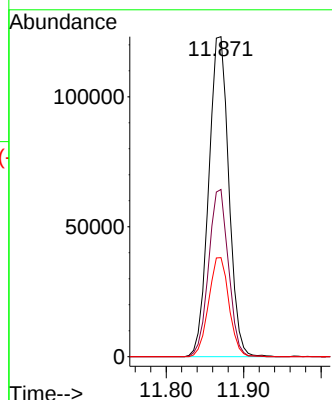
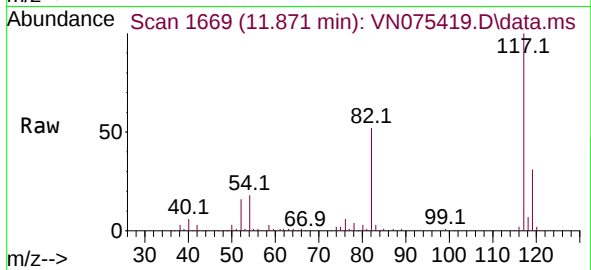
Tgt Ion:117 Resp: 221322

Ion Ratio Lower Upper

117 100

82 52.3 43.1 64.7

119 31.0 25.5 38.3



#71

Bromoform

Concen: 0.305 ug/l

RT: 12.841 min Scan# 1834

Delta R.T. 0.265 min

Lab File: VN075419.D

Acq: 25 Nov 2022 14:31

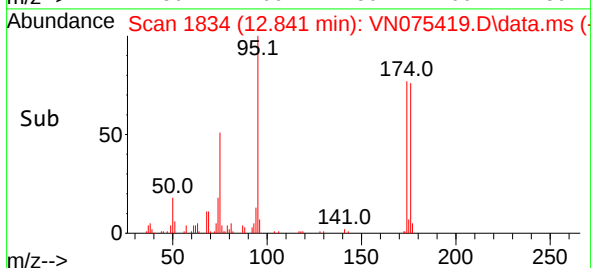
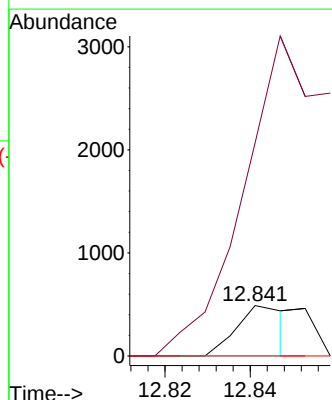
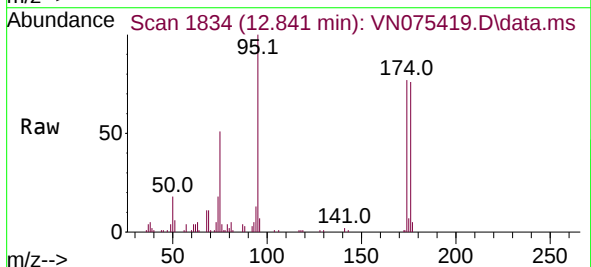
Tgt Ion:173 Resp: 396

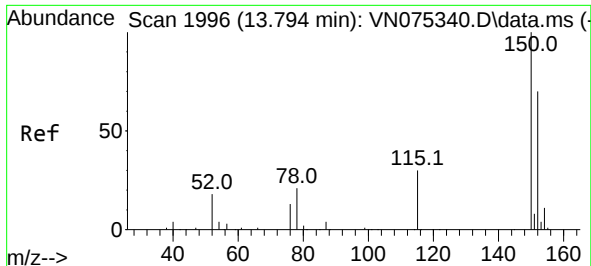
Ion Ratio Lower Upper

173 100

175 837.9 24.6 74.0#

254 0.0 0.0 0.0

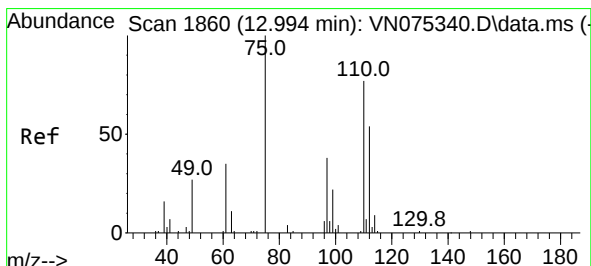
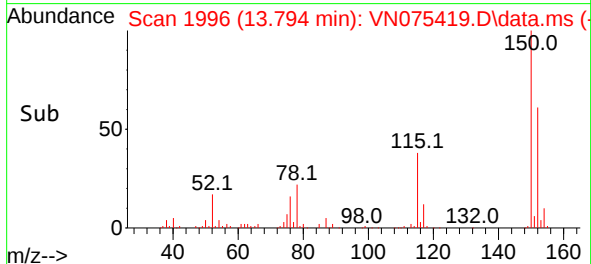
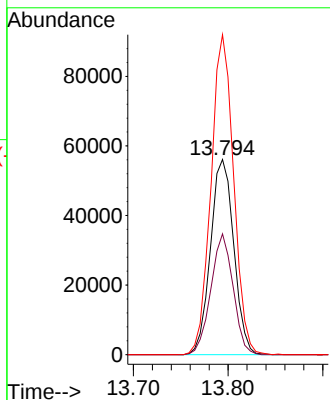
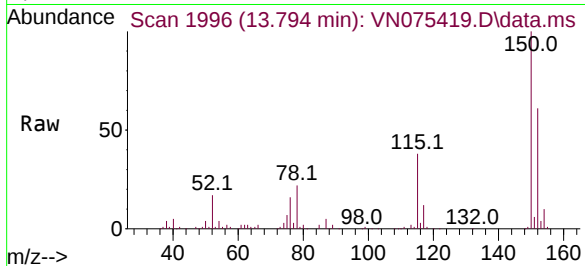




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN075419.D
 Acq: 25 Nov 2022 14:31

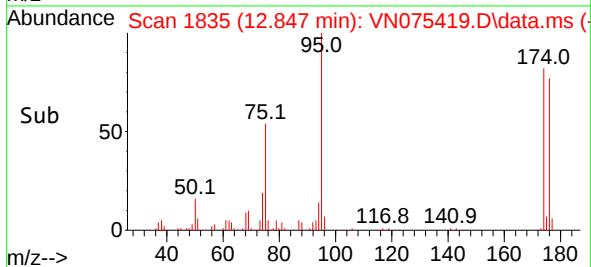
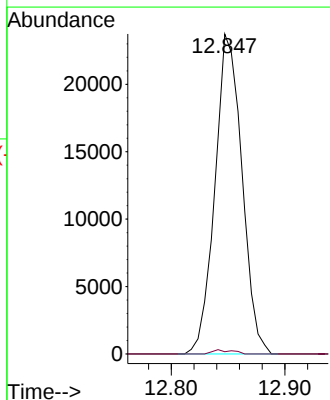
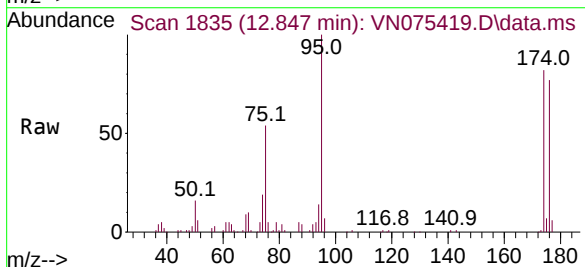
Instrument :
 MSVOA_N
 ClientSampleId :
 RW8-MW01D1-20221119

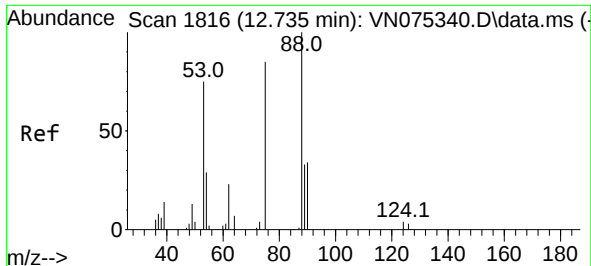
Tgt Ion:152 Resp: 95972
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.2 90.6
 150 159.3 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 21.604 ug/l
 RT: 12.847 min Scan# 1835
 Delta R.T. -0.147 min
 Lab File: VN075419.D
 Acq: 25 Nov 2022 14:31

Tgt Ion: 75 Resp: 39203
 Ion Ratio Lower Upper
 75 100
 77 1.0 75.6 226.8#

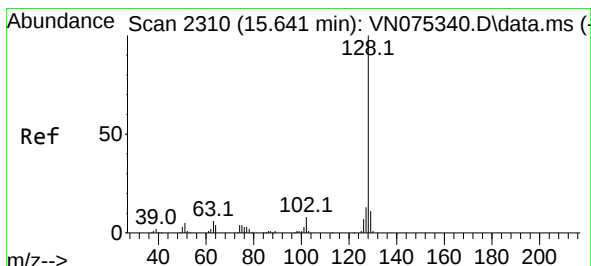
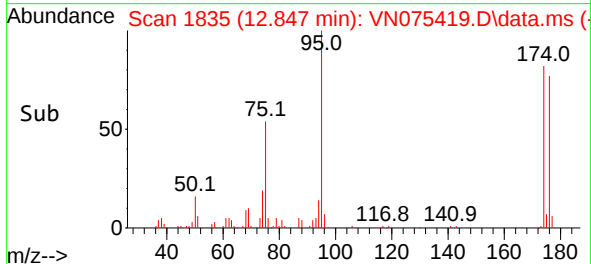
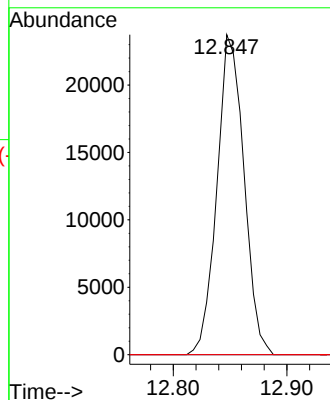
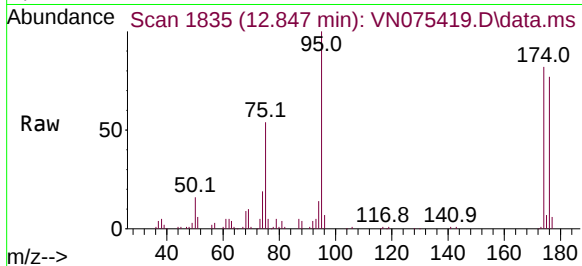




#81
trans-1,4-Dichloro-2-butene
Concen: 63.923 ug/l
RT: 12.847 min Scan# 1816
Delta R.T. 0.112 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

Instrument :
MSVOA_N
ClientSampleId :
RW8-MW01D1-20221119

Tgt Ion: 75 Resp: 39203
Ion Ratio Lower Upper
75 100
53 0.0 78.5 117.7#
89 0.0 37.7 56.5#



#95
Naphthalene
Concen: 0.237 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075419.D
Acq: 25 Nov 2022 14:31

Tgt Ion:128 Resp: 1223
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 0.0 8.6 12.8#

