

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103122\
 Data File : VN075079.D
 Acq On : 31 Oct 2022 11:51
 Operator : JC\MD
 Sample : VN1031MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBL01

Quant Time: Nov 01 06:12:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

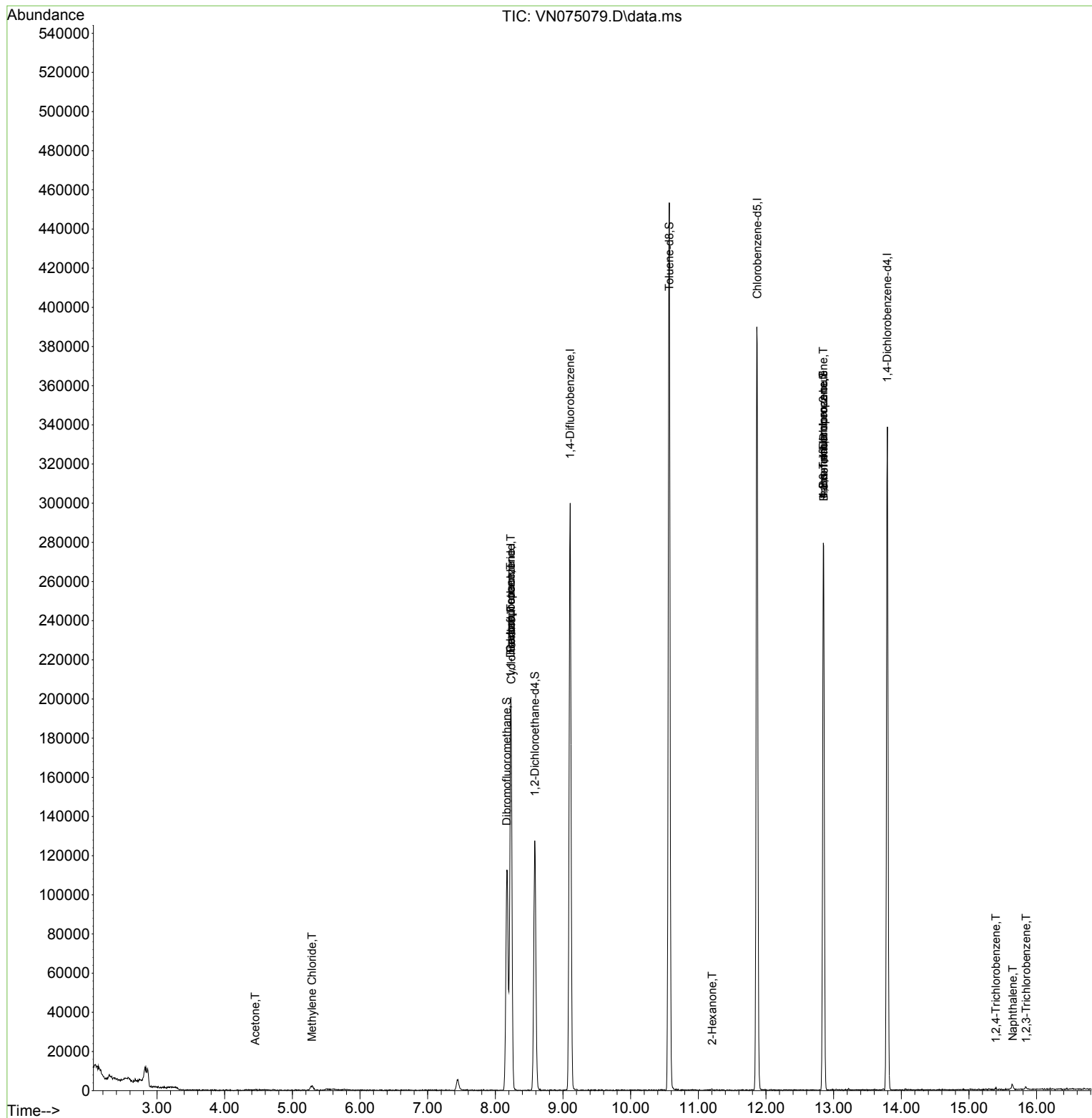
Internal Standards						
1) Pentafluorobenzene	8.230	168	139187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	255817	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221062	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	102921	54.880	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.760%			
35) Dibromofluoromethane	8.171	113	79356	52.841	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.680%			
50) Toluene-d8	10.571	98	315039	54.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.140%			
62) 4-Bromofluorobenzene	12.847	95	94742	46.289	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.580%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.959	94	534	Below Cal	#	79
16) Acetone	4.453	43	366	0.461	ug/l #	43
20) Methylene Chloride	5.289	84	2110	1.192	ug/l #	83
31) Cyclohexane	8.235	56	3350	1.201	ug/l #	54
36) 1,1-Dichloropropene	8.224	75	12070	5.191	ug/l #	50
38) Carbon Tetrachloride	8.230	117	15467	6.048	ug/l #	16
59) 2-Hexanone	11.206	43	450	0.232	ug/l	90
71) Bromoform	12.853	173	974	0.743	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	54169	29.787	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	54169	76.462	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.400	180	261	0.206	ug/l #	14
95) Naphthalene	15.647	128	3533	0.724	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.847	180	600	0.476	ug/l #	65

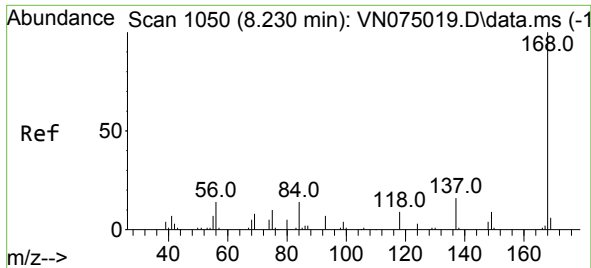
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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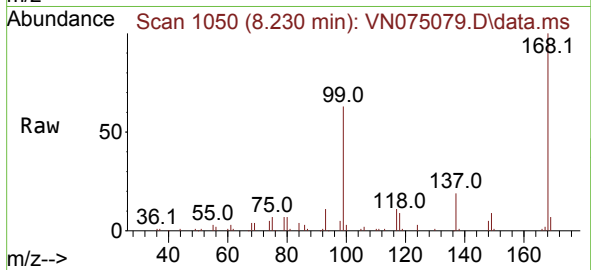
Quant Time: Nov 01 06:12:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
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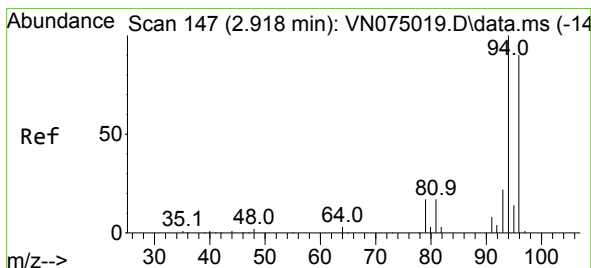
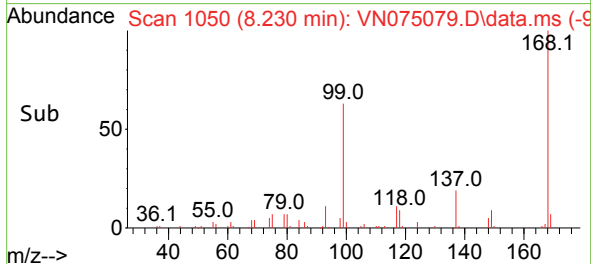
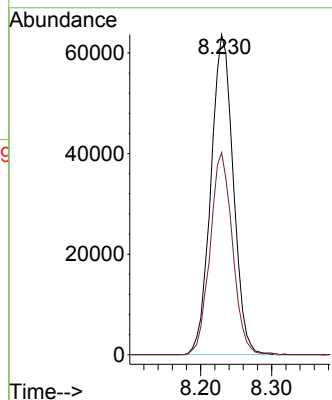


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

Instrument :
MSVOA_N
ClientSampleId :
VN1031MBL01

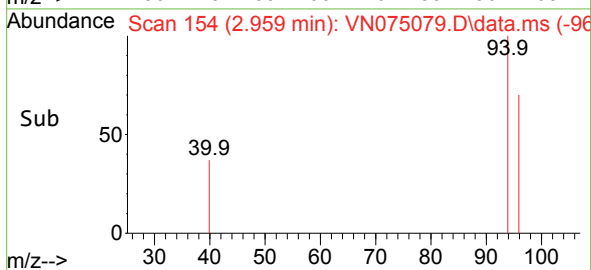
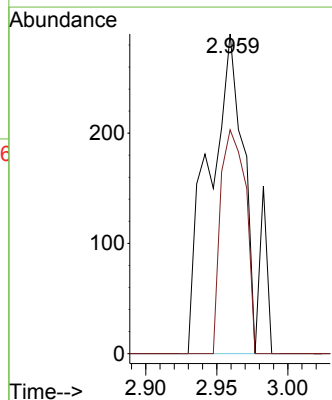
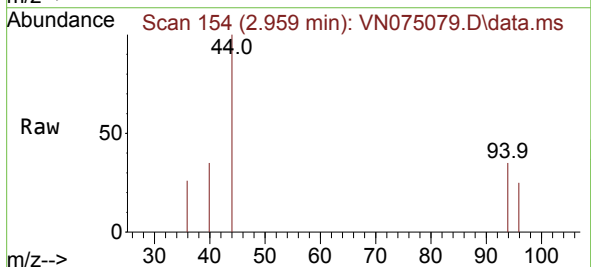


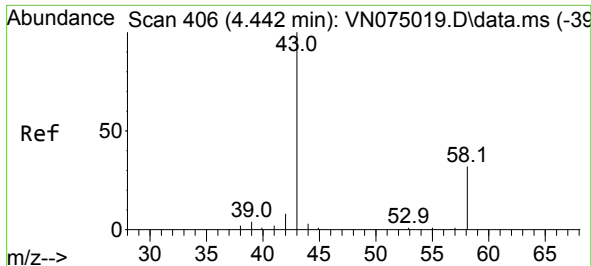
Tgt Ion:168 Resp: 139187
Ion Ratio Lower Upper
168 100
99 63.2 51.6 77.4



#5
Bromomethane
Concen: Below Cal
RT: 2.959 min Scan# 154
Delta R.T. 0.041 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

Tgt Ion: 94 Resp: 534
Ion Ratio Lower Upper
94 100
96 70.0 71.8 107.6#





#16

Acetone

Concen: 0.461 ug/l

RT: 4.453 min Scan# 406

Delta R.T. 0.011 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

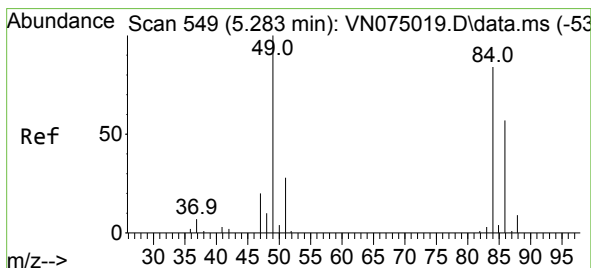
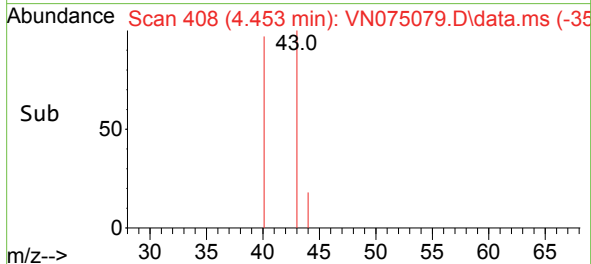
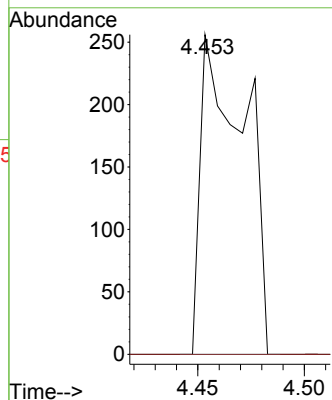
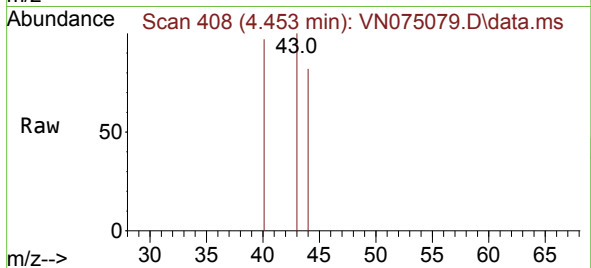
VN1031MBL01

Tgt Ion: 43 Resp: 366

Ion Ratio Lower Upper

43 100

58 0.0 25.5 38.3#



#20

Methylene Chloride

Concen: 1.192 ug/l

RT: 5.289 min Scan# 550

Delta R.T. 0.006 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Tgt Ion: 84 Resp: 2110

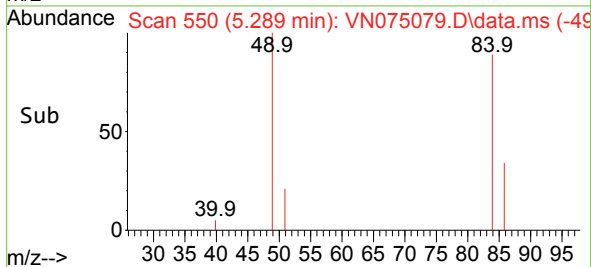
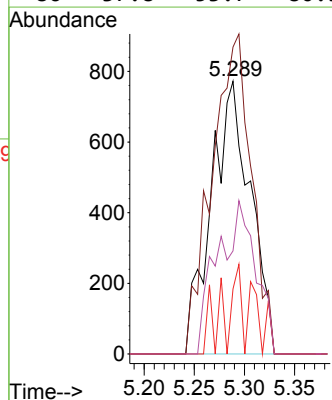
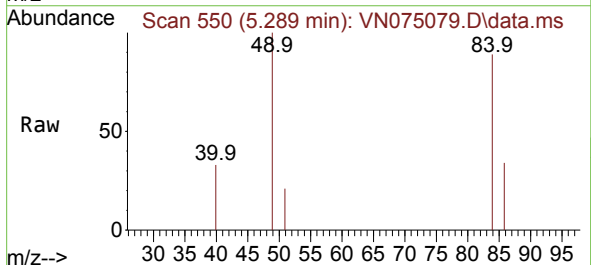
Ion Ratio Lower Upper

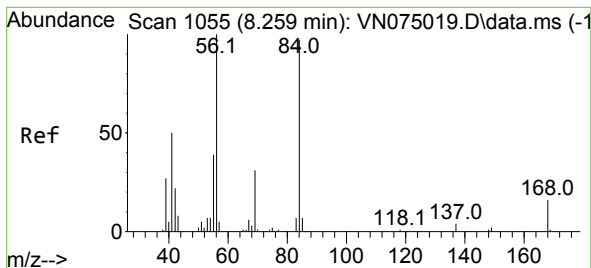
84 100

49 112.6 94.9 142.3

51 23.8 26.8 40.2#

86 37.8 53.7 80.5#





#31

Cyclohexane

Concen: 1.201 ug/l

RT: 8.235 min Scan# 1105

Delta R.T. -0.024 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

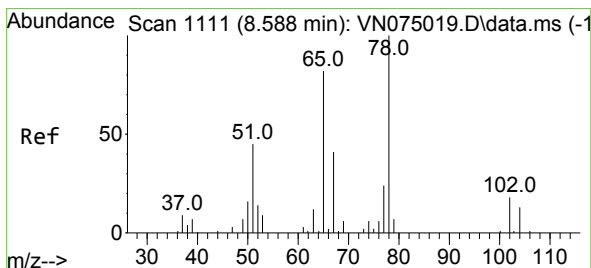
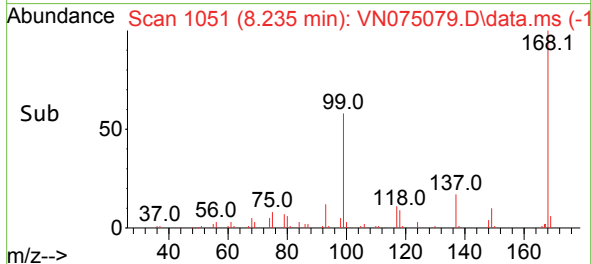
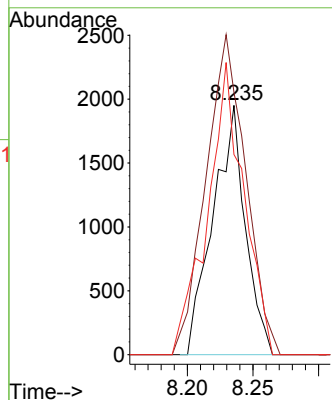
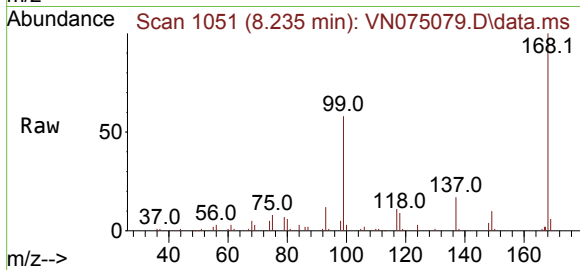
Tgt Ion: 56 Resp: 3350

Ion Ratio Lower Upper

56 100

69 105.2 25.2 37.8#

84 80.3 77.8 116.8



#33

1,2-Dichloroethane-d4

Concen: 54.880 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.006 min

Lab File: VN075079.D

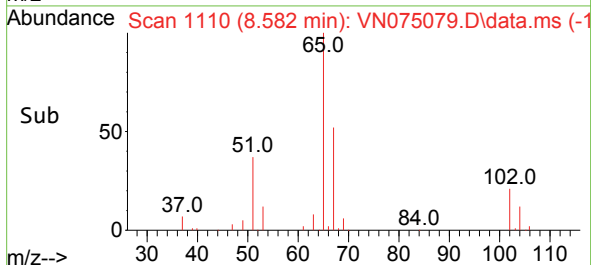
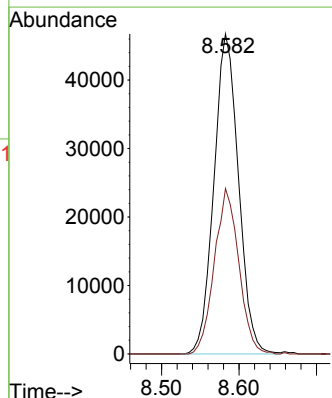
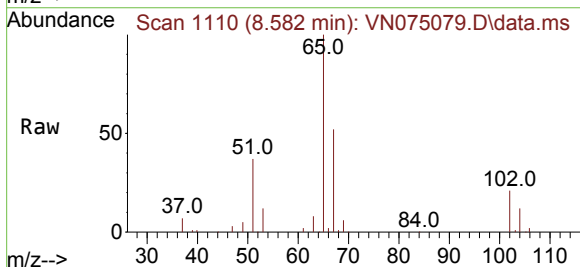
Acq: 31 Oct 2022 11:51

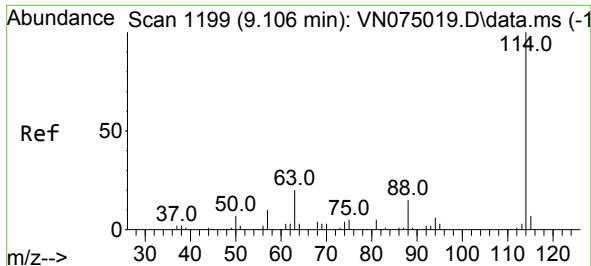
Tgt Ion: 65 Resp: 102921

Ion Ratio Lower Upper

65 100

67 51.3 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: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

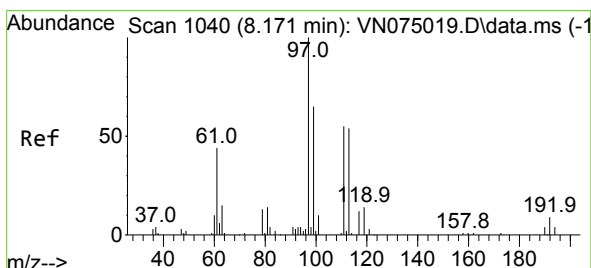
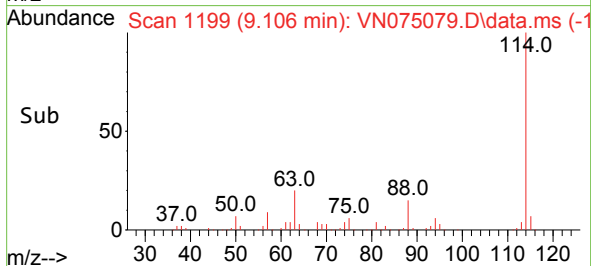
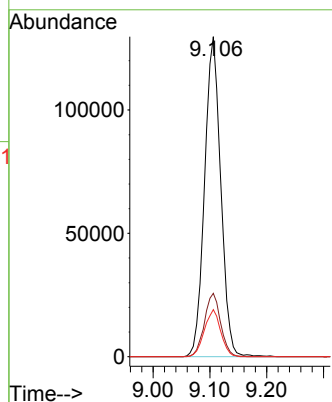
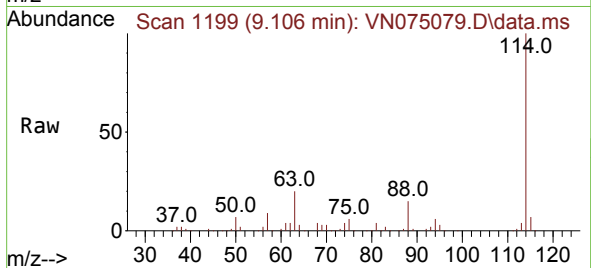
Tgt Ion:114 Resp: 255817

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.841 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

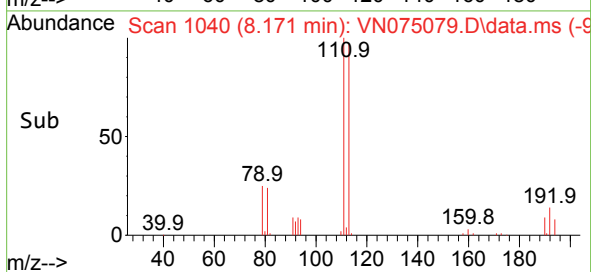
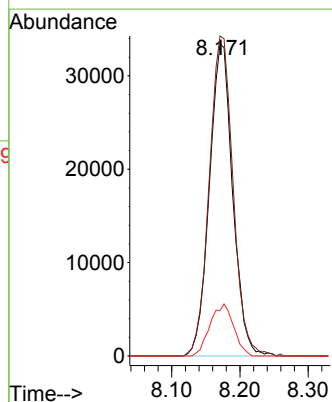
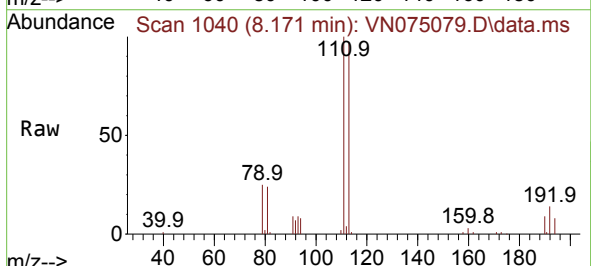
Tgt Ion:113 Resp: 79356

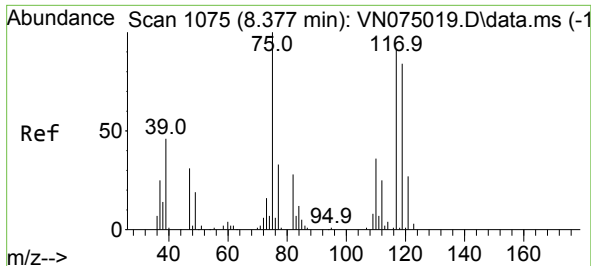
Ion Ratio Lower Upper

113 100

111 104.9 80.5 120.7

192 16.9 13.2 19.8





#36

1,1-Dichloropropene

Concen: 5.191 ug/l

RT: 8.224 min Scan# 1049

Delta R.T. -0.153 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

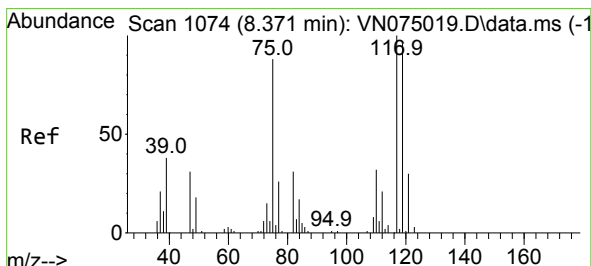
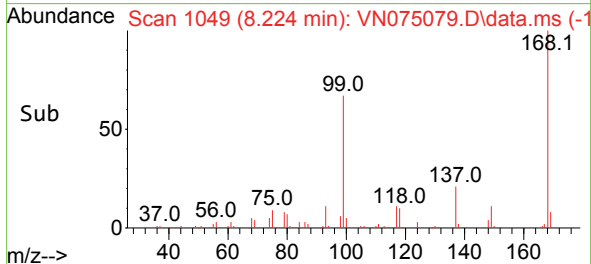
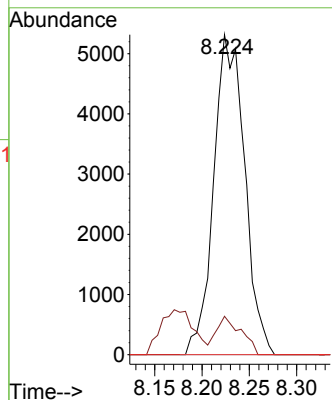
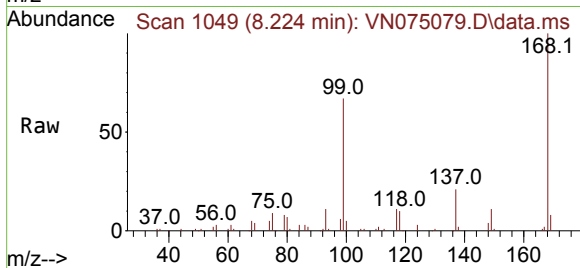
Tgt Ion: 75 Resp: 12070

Ion Ratio Lower Upper

75 100

110 9.6 17.8 53.3#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.048 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.141 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

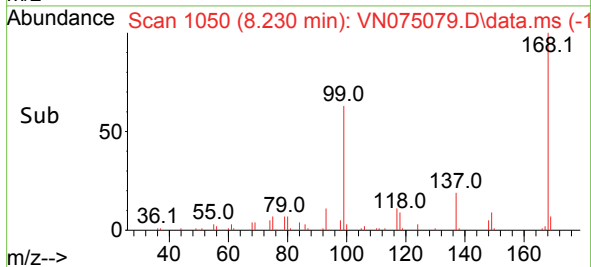
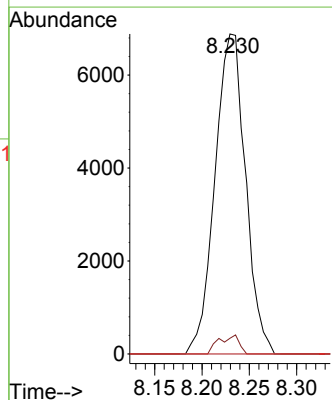
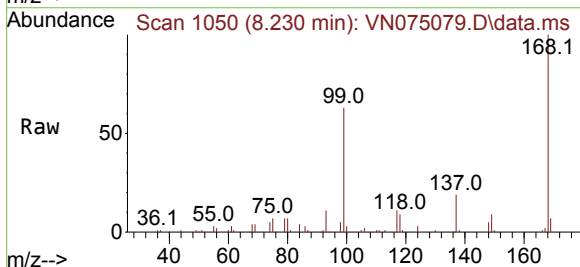
Tgt Ion: 117 Resp: 15467

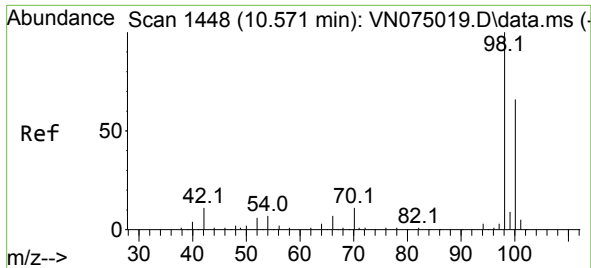
Ion Ratio Lower Upper

117 100

119 4.9 76.7 115.1#

121 0.0 23.9 35.9#

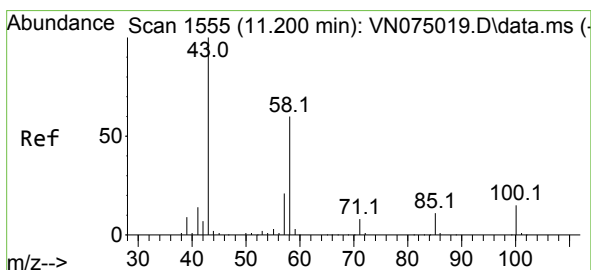
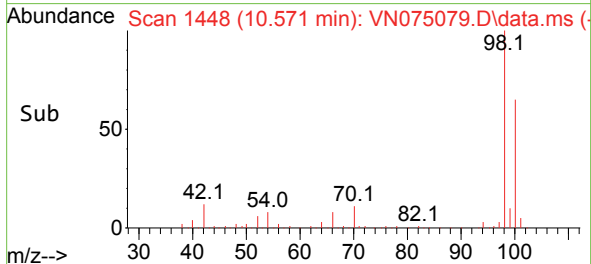
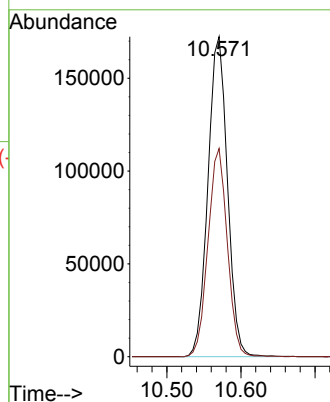
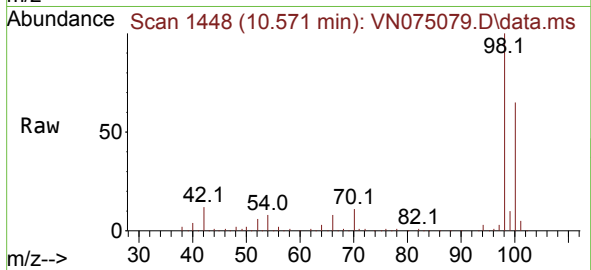




#50
Toluene-d8
Concen: 54.070 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

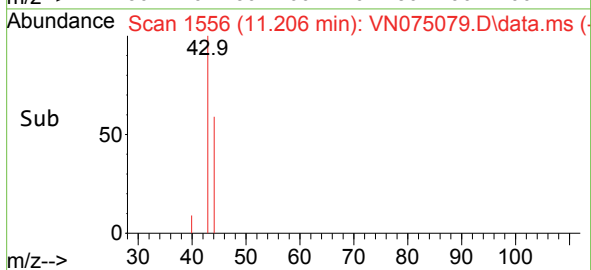
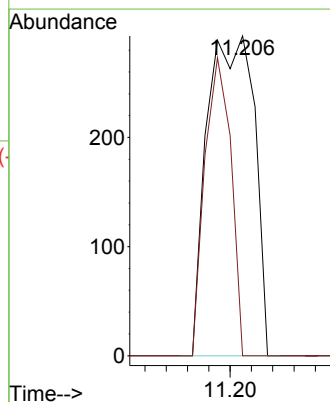
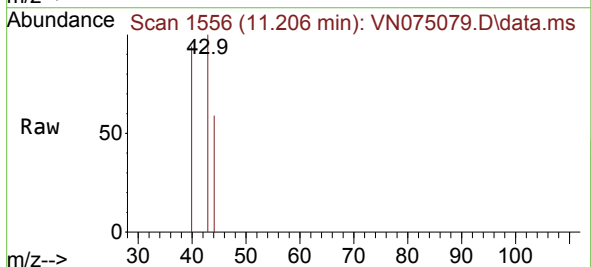
Instrument :
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VN1031MBL01

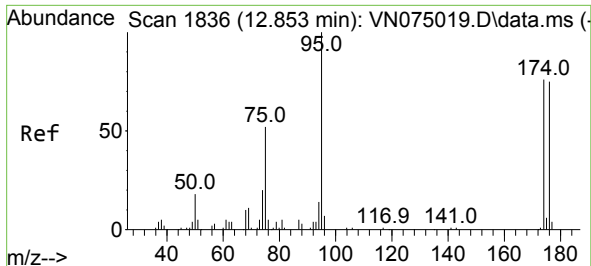
Tgt Ion: 98 Resp: 315039
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.6



#59
2-Hexanone
Concen: 0.232 ug/l
RT: 11.206 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN075079.D
Acq: 31 Oct 2022 11:51

Tgt Ion: 43 Resp: 450
Ion Ratio Lower Upper
43 100
58 51.8 29.6 88.8





#62

4-Bromofluorobenzene

Concen: 46.289 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.006 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

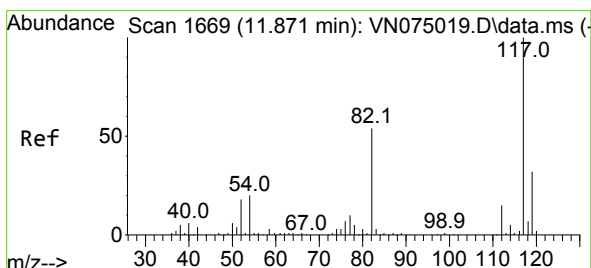
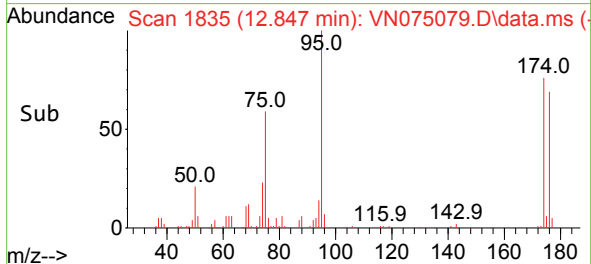
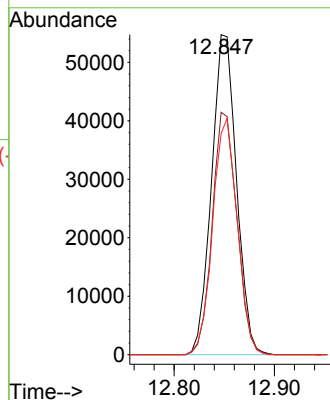
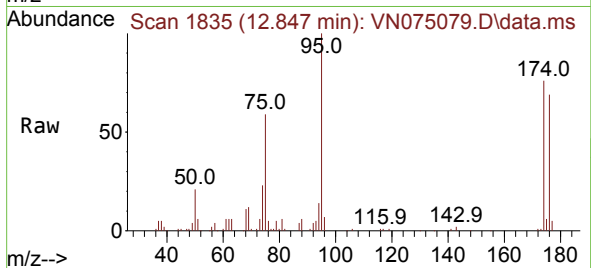
Tgt Ion: 95 Resp: 94742

Ion Ratio Lower Upper

95 100

174 74.8 0.0 147.4

176 72.4 0.0 142.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. -0.001 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

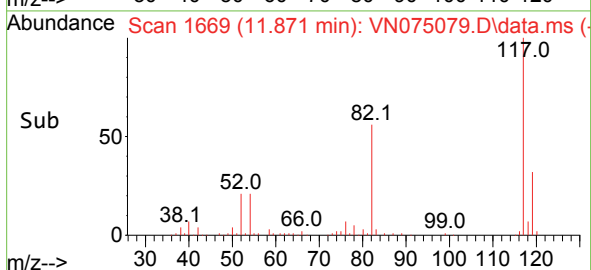
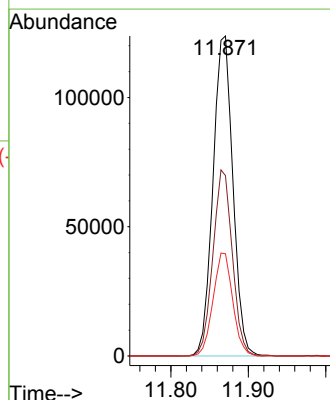
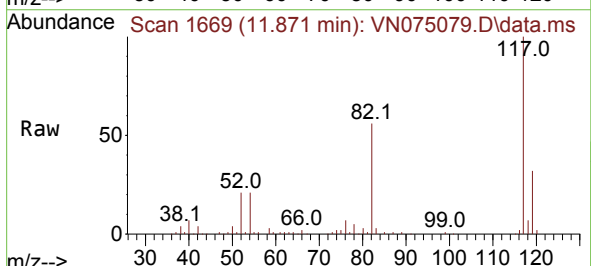
Tgt Ion: 117 Resp: 221062

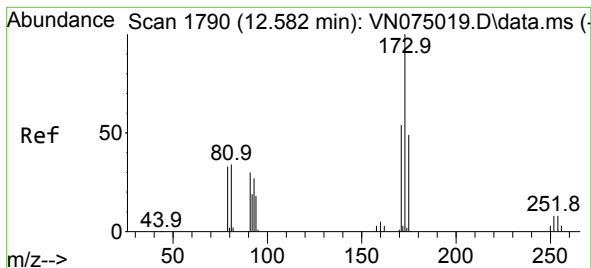
Ion Ratio Lower Upper

117 100

82 56.3 43.1 64.7

119 32.0 25.5 38.3





#71

Bromoform

Concen: 0.743 ug/l

RT: 12.853 min Scan# 11

Delta R.T. 0.271 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

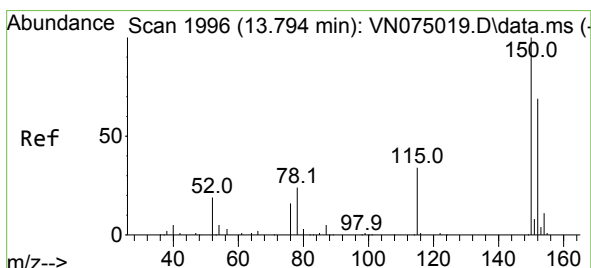
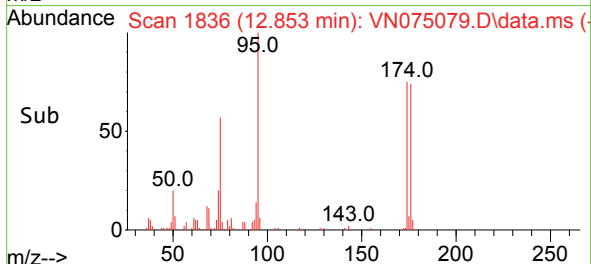
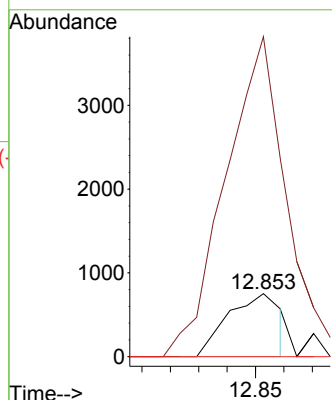
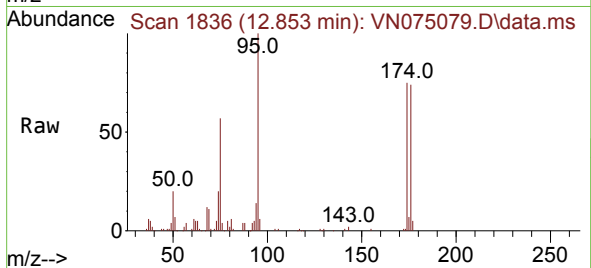
Tgt Ion:173 Resp: 974

Ion Ratio Lower Upper

173 100

175 508.1 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: VN075079.D

Acq: 31 Oct 2022 11:51

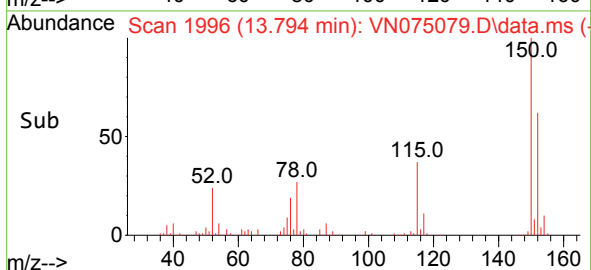
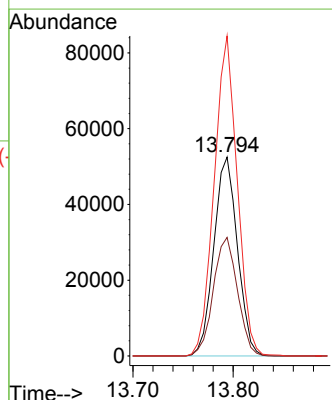
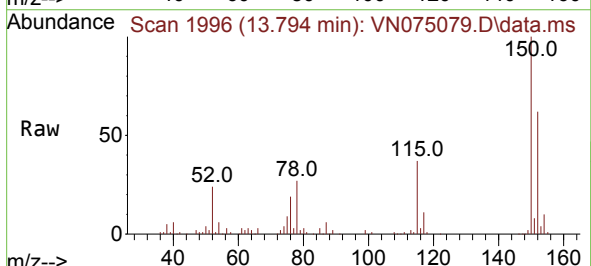
Tgt Ion:152 Resp: 85649

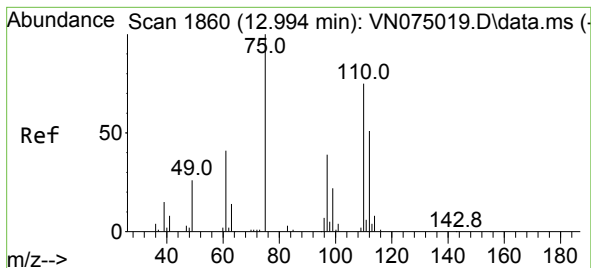
Ion Ratio Lower Upper

152 100

115 61.1 30.2 90.6

150 157.2 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 29.787 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. -0.147 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

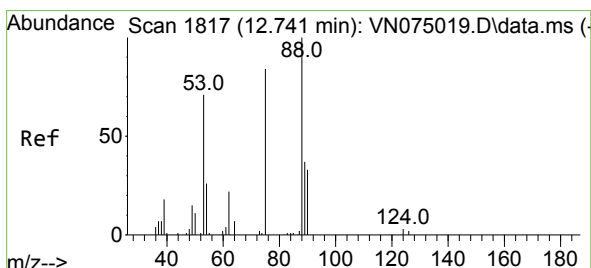
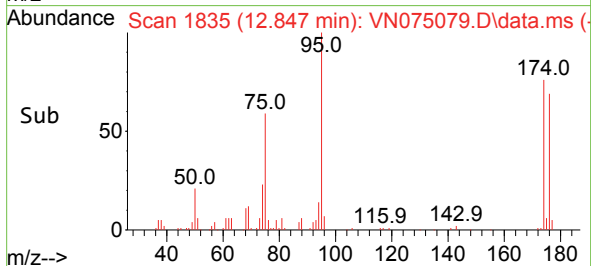
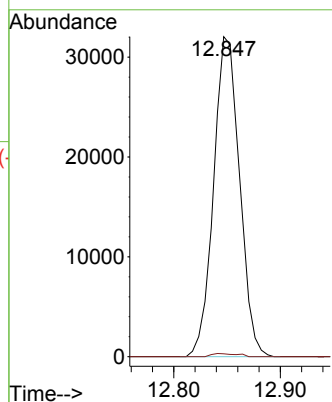
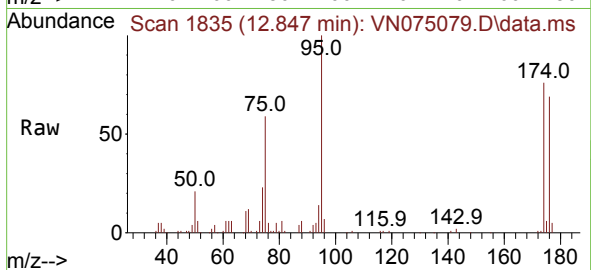
VN1031MBL01

Tgt Ion: 75 Resp: 54169

Ion Ratio Lower Upper

75 100

77 1.0 75.6 226.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 76.462 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.106 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

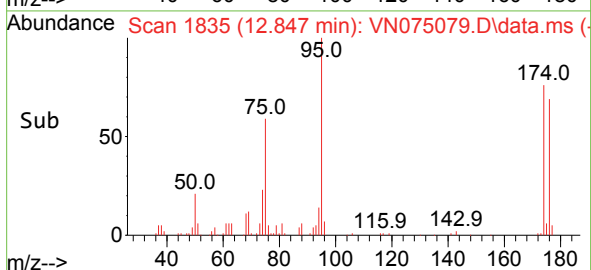
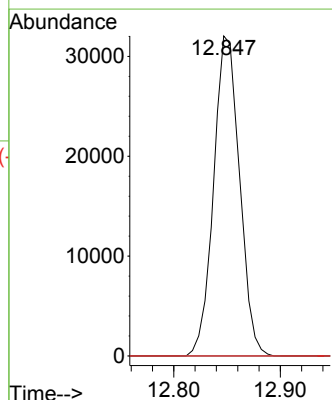
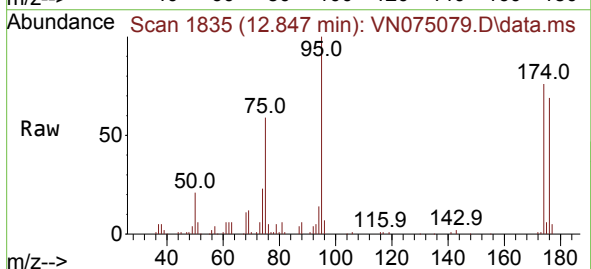
Tgt Ion: 75 Resp: 54169

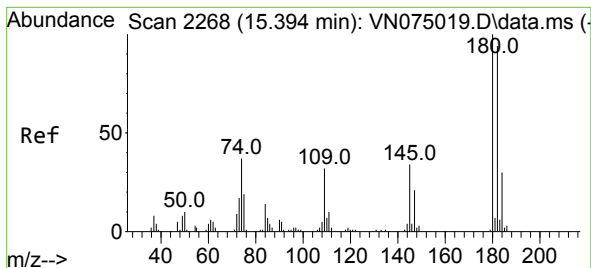
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 37.7 56.5#





#93

1,2,4-Trichlorobenzene

Concen: 0.206 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

Instrument :

MSVOA_N

ClientSampleId :

VN1031MBL01

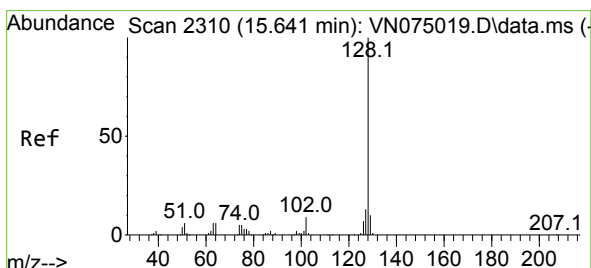
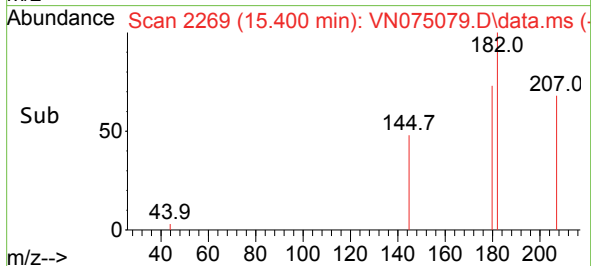
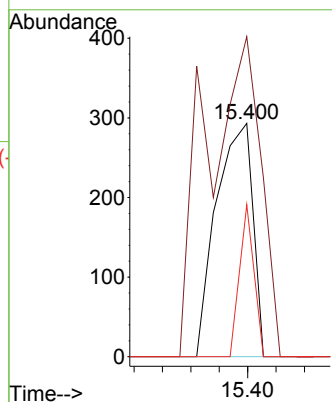
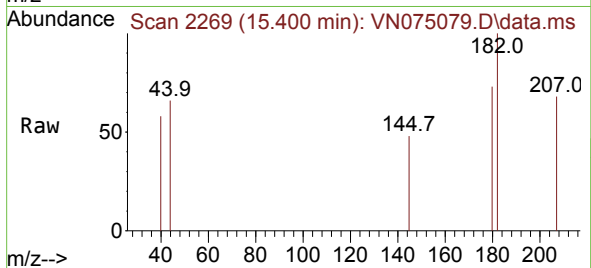
Tgt Ion:180 Resp: 261

Ion Ratio Lower Upper

180 100

182 203.8 47.8 143.4#

145 25.7 16.8 50.3



#95

Naphthalene

Concen: 0.724 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN075079.D

Acq: 31 Oct 2022 11:51

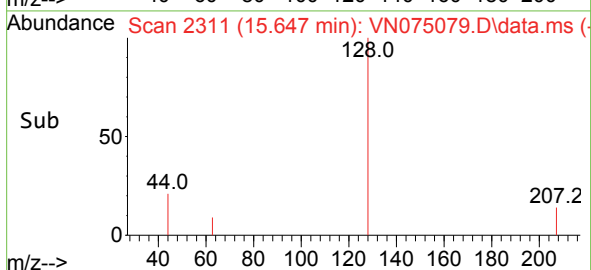
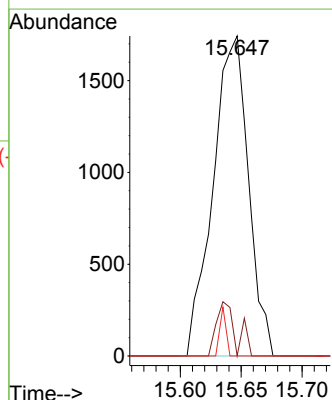
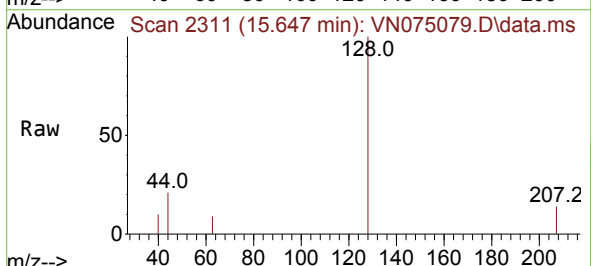
Tgt Ion:128 Resp: 3533

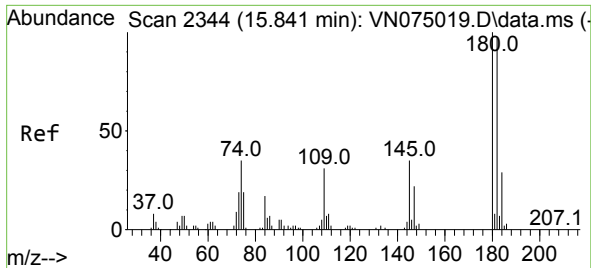
Ion Ratio Lower Upper

128 100

127 9.4 10.4 15.6#

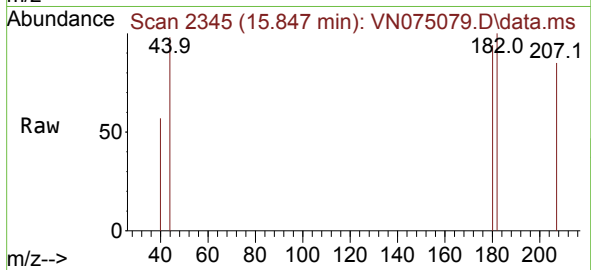
129 2.7 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.476 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN075079.D
 Acq: 31 Oct 2022 11:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031MBL01



Tgt Ion:180 Resp: 600
 Ion Ratio Lower Upper
 180 100
 182 119.0 47.3 141.8
 145 0.0 17.6 52.9#

