

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041122\
 Data File : VN071929.D
 Acq On : 11 Apr 2022 12:28
 Operator : JC\MD
 Sample : VN0411WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBL01

Quant Time: Apr 11 13:03:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

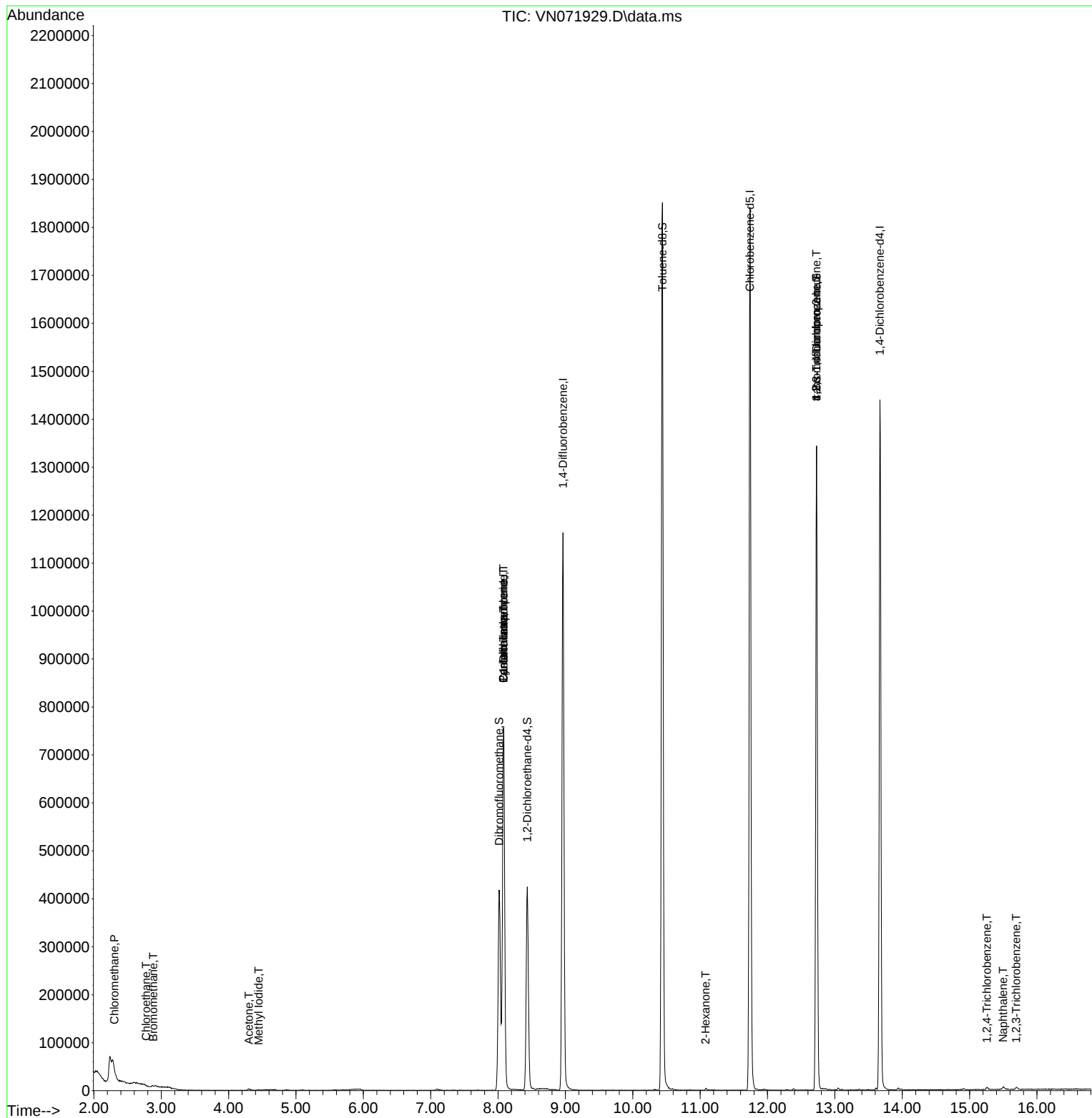
Internal Standards						
1) Pentafluorobenzene	8.080	168	645589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1102283	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1157299	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	434328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	351274	47.662	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.320%
35) Dibromofluoromethane	8.016	113	316243	48.755	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.520%
50) Toluene-d8	10.439	98	1385185	52.204	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.727	95	484933	56.509	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	3334	0.513	ug/l #	76
5) Bromomethane	2.881	94	2624	0.565	ug/l	81
6) Chloroethane	2.775	64	1745	0.340	ug/l #	48
10) Methyl Iodide	4.445	142	1795	0.229	ug/l #	52
16) Acetone	4.298	43	2291	0.727	ug/l #	82
18) Methyl Acetate	4.857	43	2650	Below Cal	#	64
31) Cyclohexane	8.080	56	9786	0.976	ug/l #	1
36) 1,1-Dichloropropene	8.080	75	42032	4.640	ug/l #	48
38) Carbon Tetrachloride	8.080	117	57652	6.494	ug/l #	16
59) 2-Hexanone	11.080	43	2829	0.424	ug/l	99
76) 1,2,3-Trichloropropane	12.727	75	227876	22.648	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	227876	70.186	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.256	180	2318	2.407	ug/l	98
95) Naphthalene	15.498	128	7668	4.161	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	2584	2.781	ug/l	94

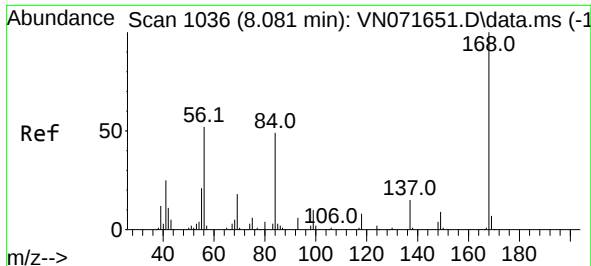
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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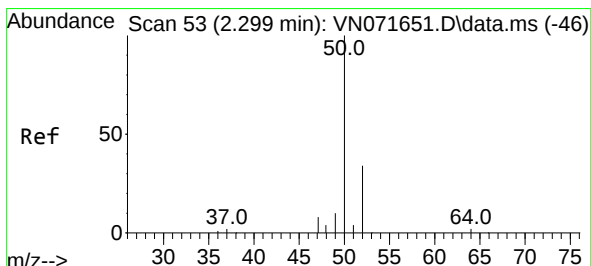
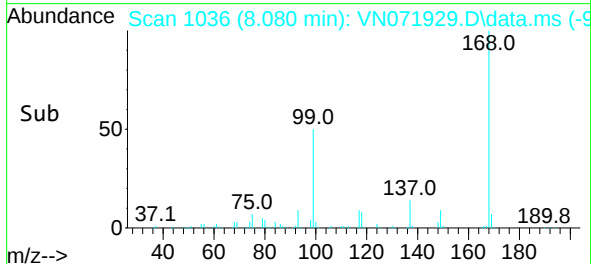
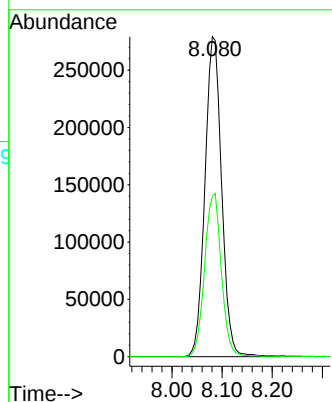
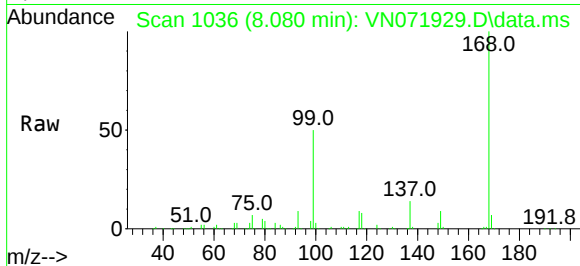




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

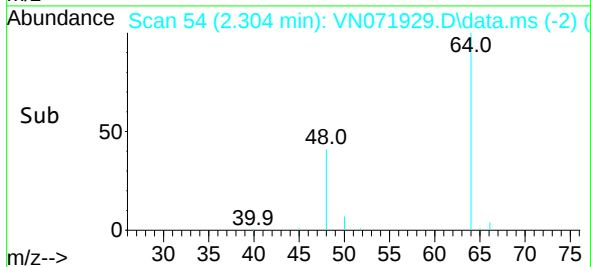
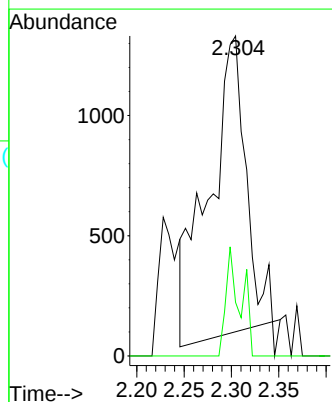
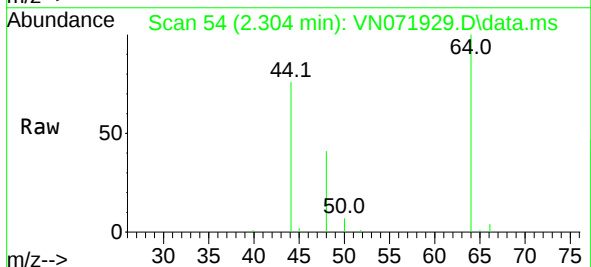
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

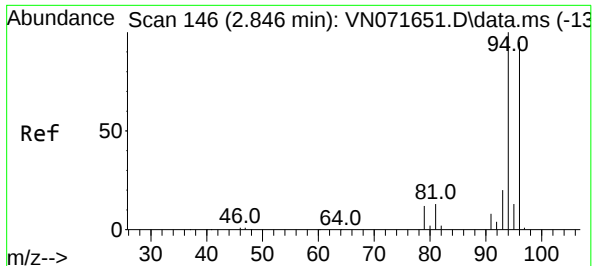
Tgt Ion:168 Resp: 645589
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5



#3
Chloromethane
Concen: 0.513 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 50 Resp: 3334
Ion Ratio Lower Upper
50 100
52 18.9 25.7 38.5#

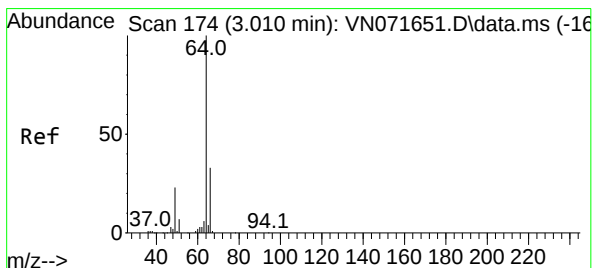
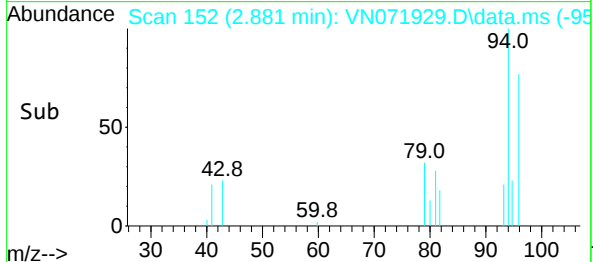
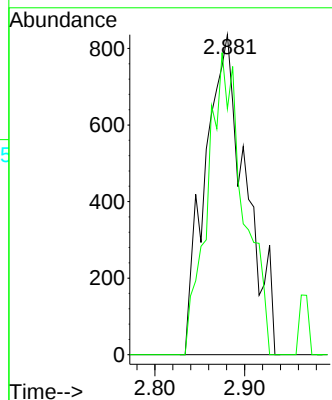
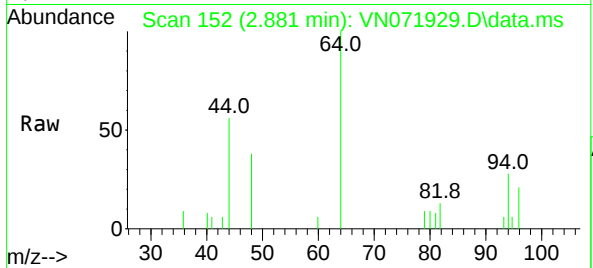




#5
Bromomethane
Concen: 0.565 ug/l
RT: 2.881 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

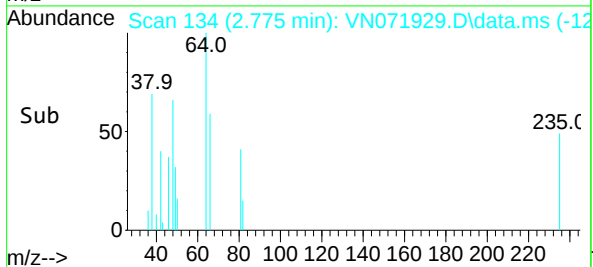
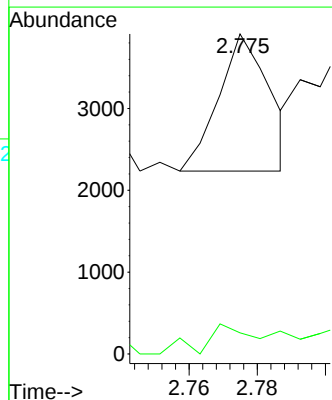
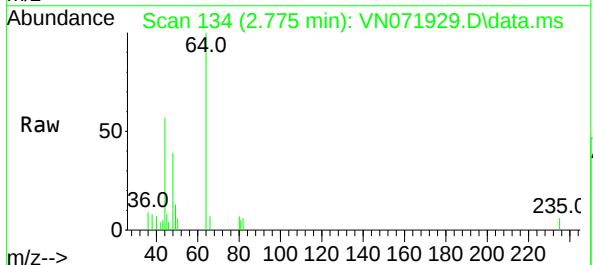
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

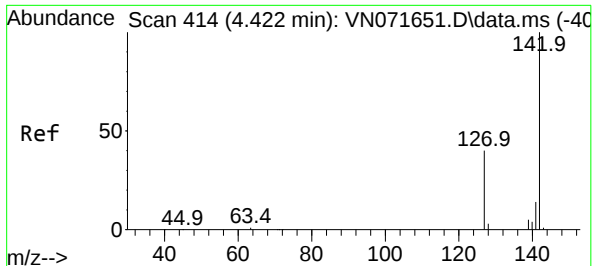
Tgt Ion: 94 Resp: 2624
Ion Ratio Lower Upper
94 100
96 76.8 76.0 114.0



#6
Chloroethane
Concen: 0.340 ug/l
RT: 2.775 min Scan# 134
Delta R.T. -0.235 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 64 Resp: 1745
Ion Ratio Lower Upper
64 100
66 3.8 26.2 39.4#

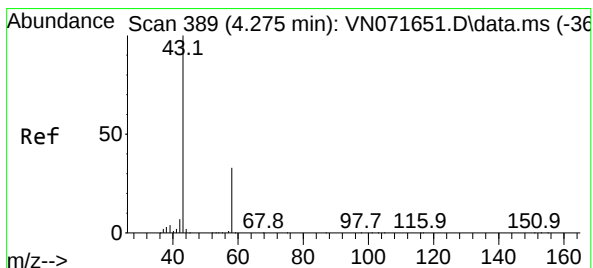
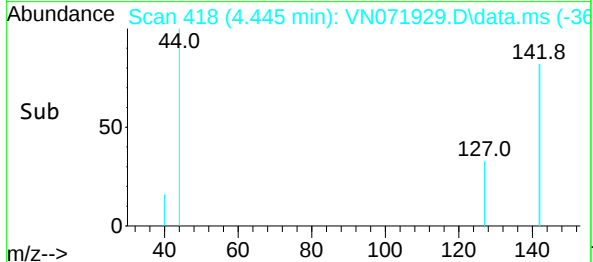
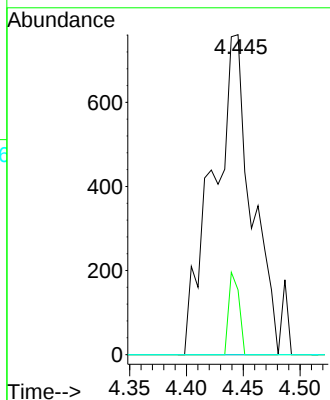
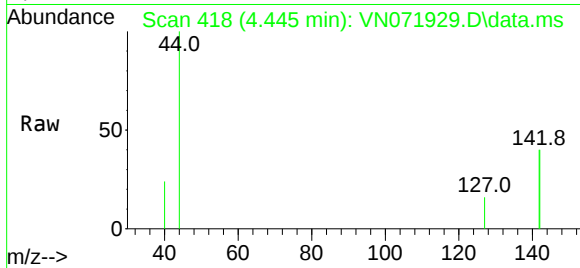




#10
Methyl Iodide
Concen: 0.229 ug/l
RT: 4.445 min Scan# 414
Delta R.T. 0.023 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

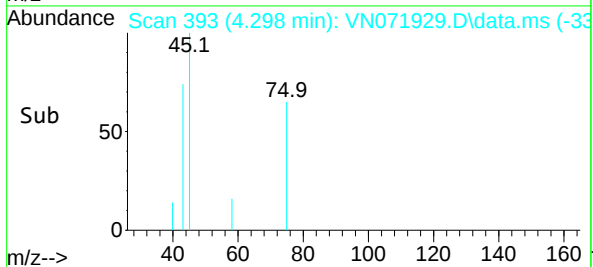
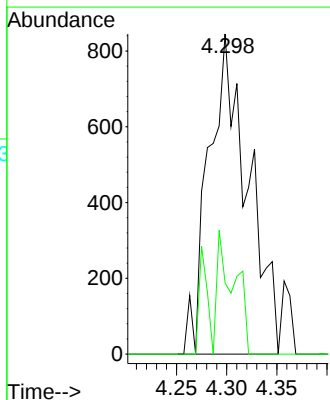
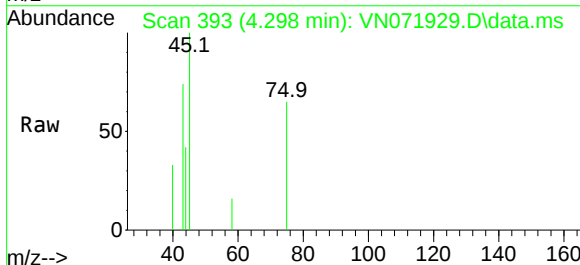
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

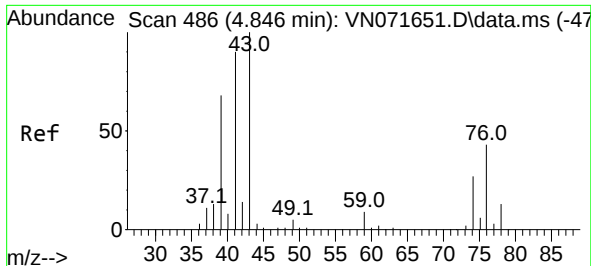
Tgt Ion:142 Resp: 1795
Ion Ratio Lower Upper
142 100
127 6.9 31.3 46.9#
141 0.0 11.2 16.8#



#16
Acetone
Concen: 0.727 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.023 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 43 Resp: 2291
Ion Ratio Lower Upper
43 100
58 22.2 26.0 39.0#

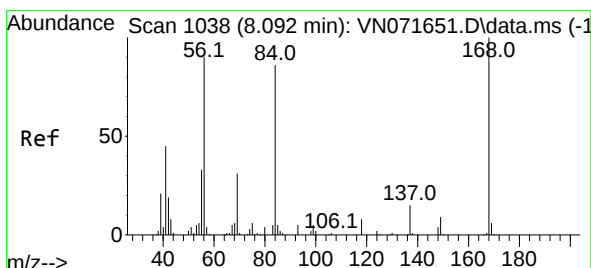
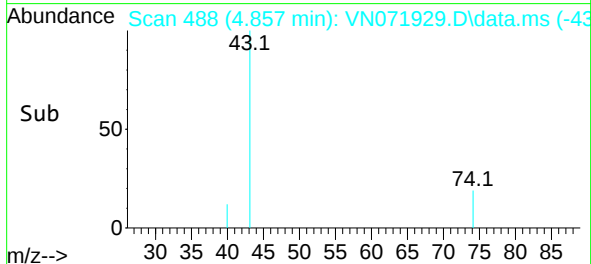
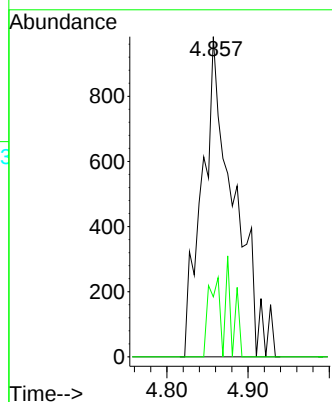
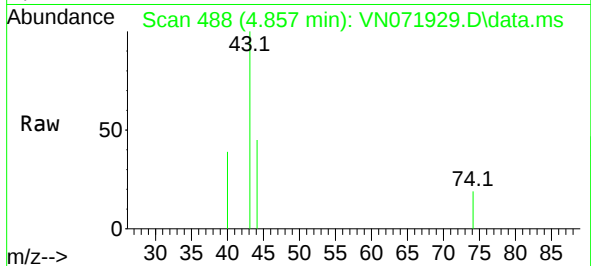




#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 41
Delta R.T. 0.011 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

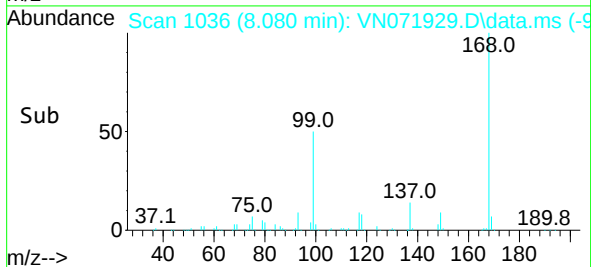
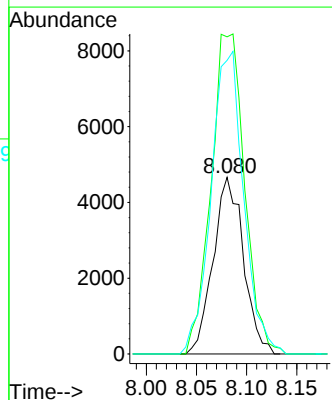
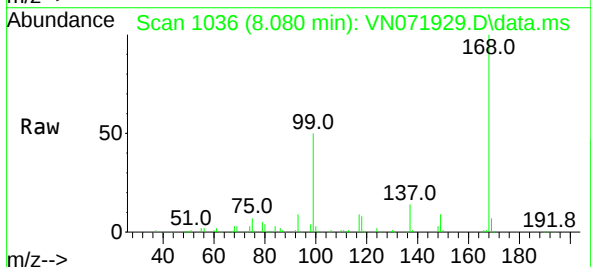
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

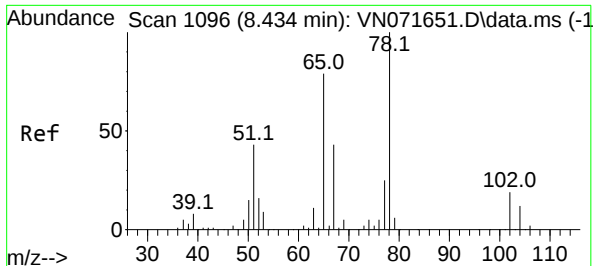
Tgt Ion: 43 Resp: 2650
Ion Ratio Lower Upper
43 100
74 8.6 21.6 32.4#



#31
Cyclohexane
Concen: 0.976 ug/l
RT: 8.080 min Scan# 1036
Delta R.T. -0.012 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 56 Resp: 9786
Ion Ratio Lower Upper
56 100
69 179.5 27.8 41.8#
84 166.2 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 47.662 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN071929.D

Acq: 11 Apr 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

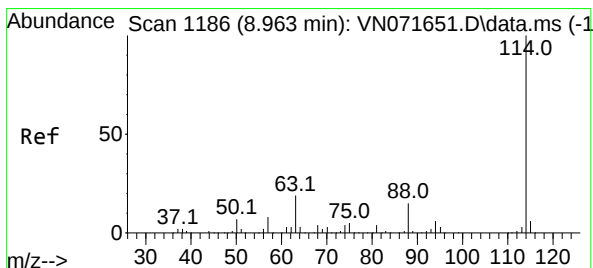
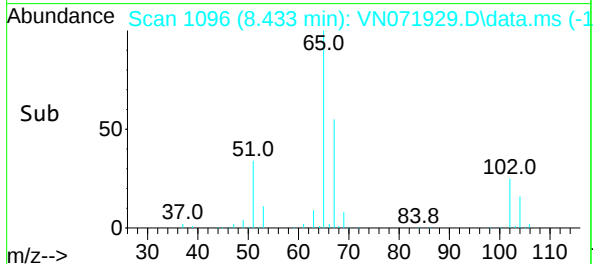
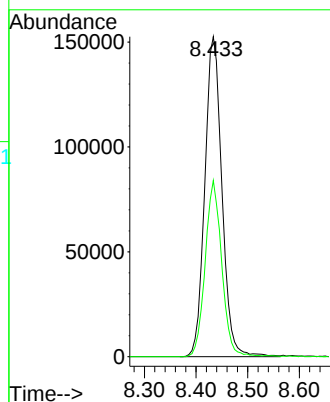
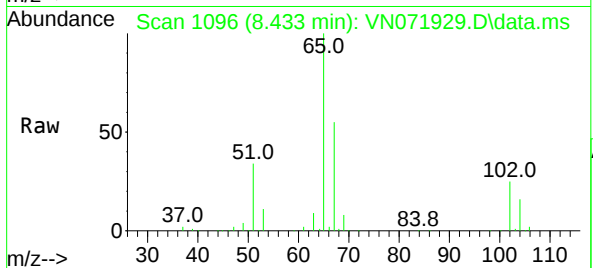
VN0411WBL01

Tgt Ion: 65 Resp: 351274

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071929.D

Acq: 11 Apr 2022 12:28

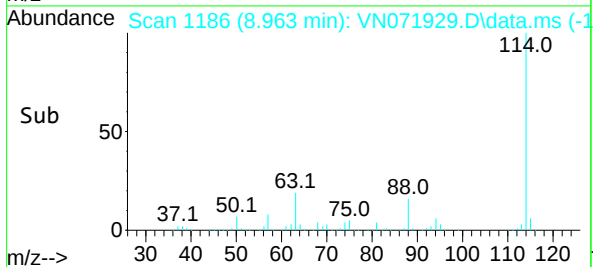
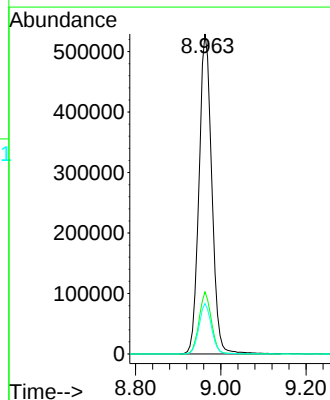
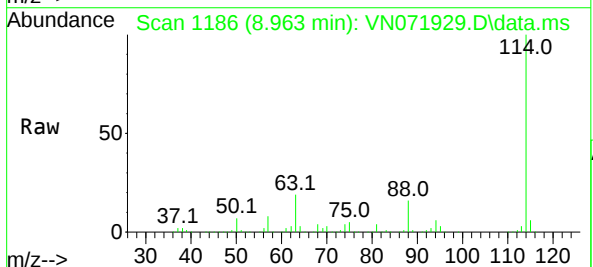
Tgt Ion: 114 Resp: 1102283

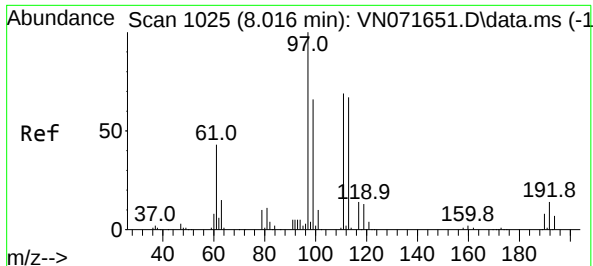
Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.755 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071929.D

Acq: 11 Apr 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01

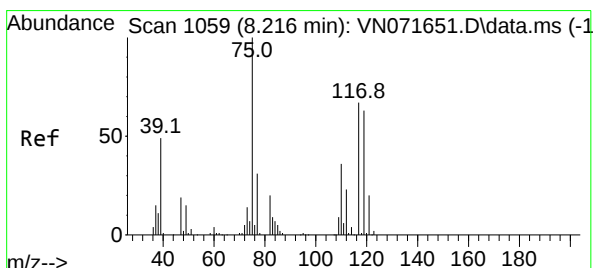
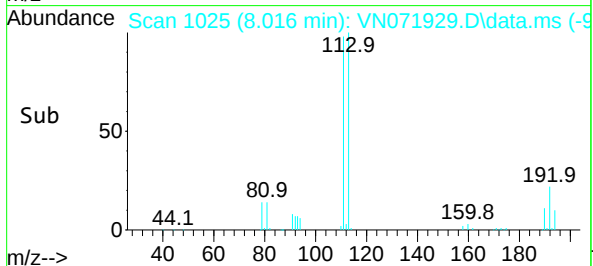
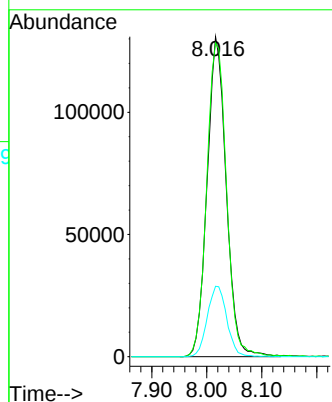
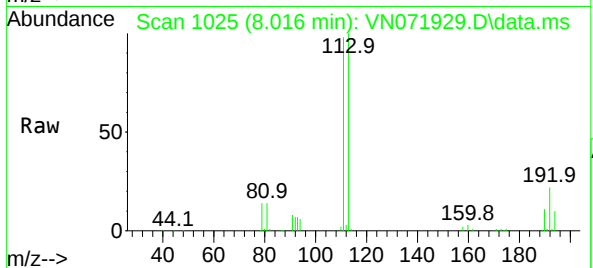
Tgt Ion:113 Resp: 316243

Ion Ratio Lower Upper

113 100

111 102.0 81.4 122.0

192 22.5 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.640 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

Lab File: VN071929.D

Acq: 11 Apr 2022 12:28

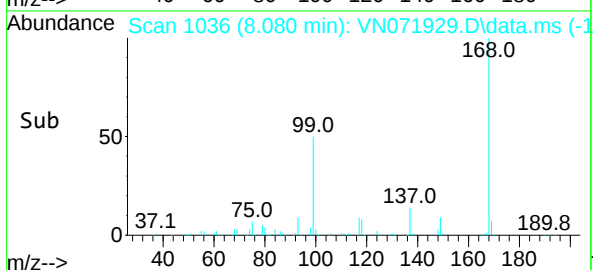
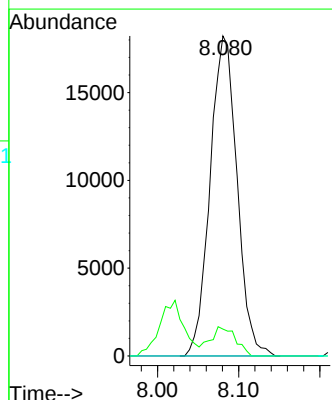
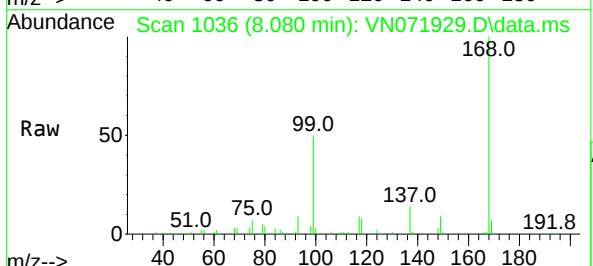
Tgt Ion: 75 Resp: 42032

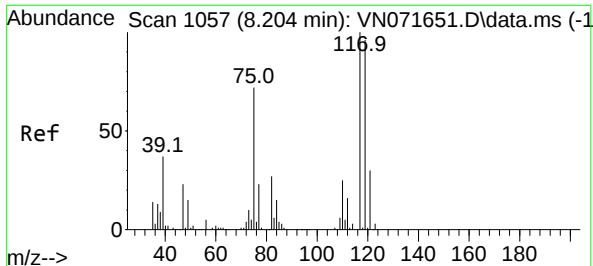
Ion Ratio Lower Upper

75 100

110 8.6 18.3 54.8#

77 0.0 25.1 37.7#

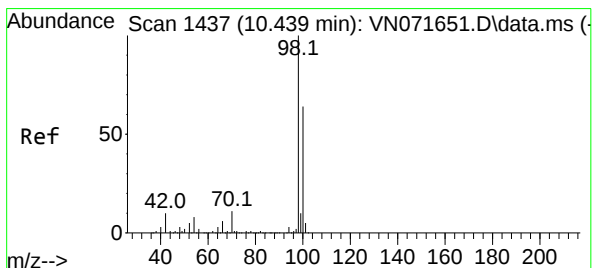
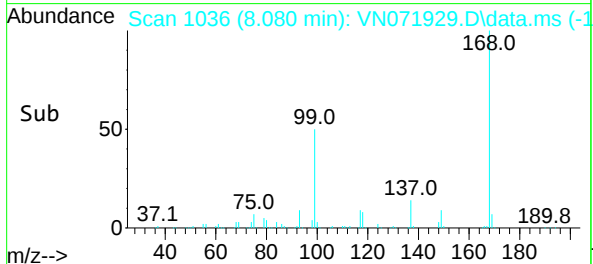
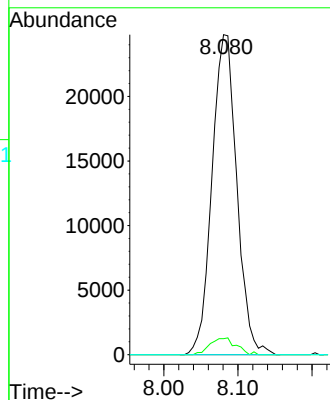
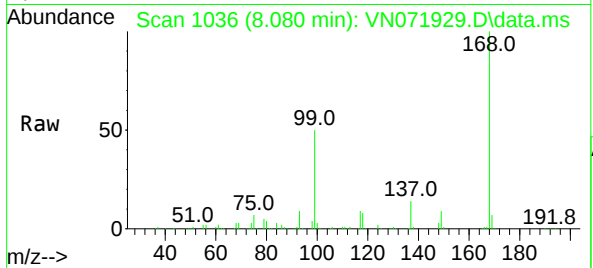




#38
Carbon Tetrachloride
Concen: 6.494 ug/l
RT: 8.080 min Scan# 11
Delta R.T. -0.124 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

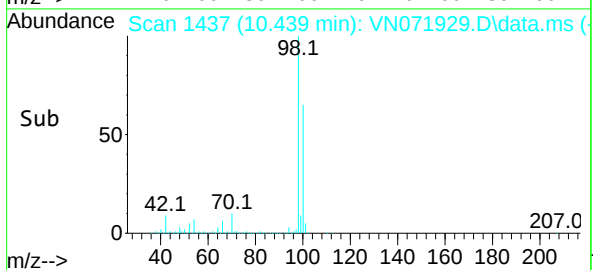
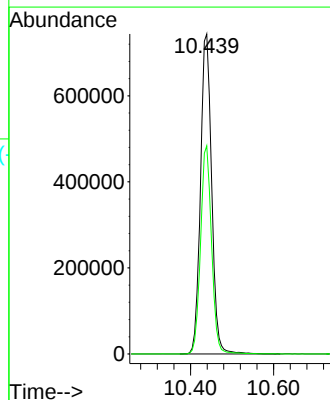
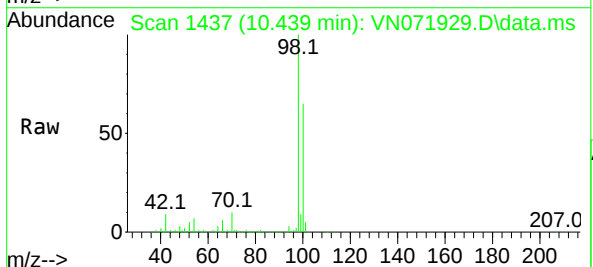
Instrument :
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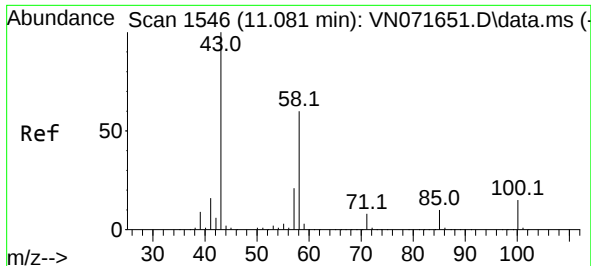
Tgt Ion:117 Resp: 57652
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 52.204 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 98 Resp: 1385185
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

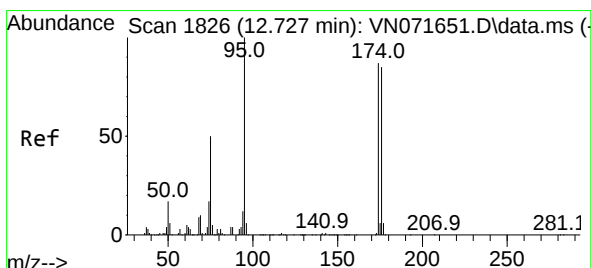
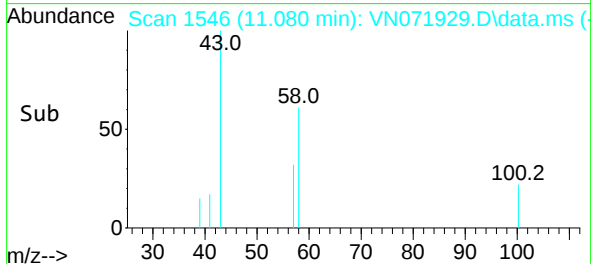
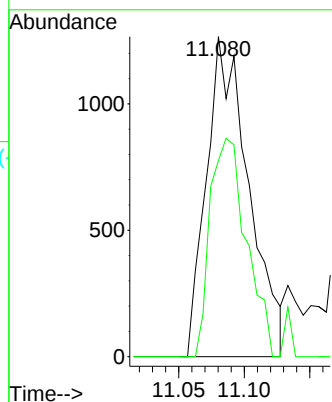
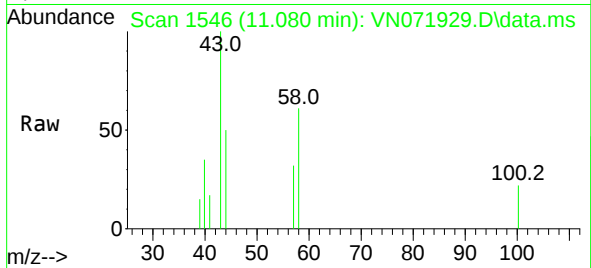




#59
2-Hexanone
Concen: 0.424 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

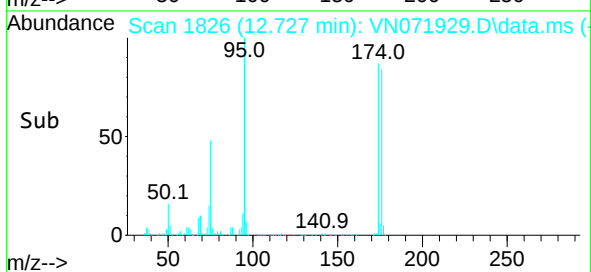
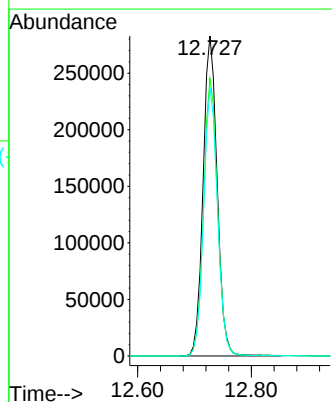
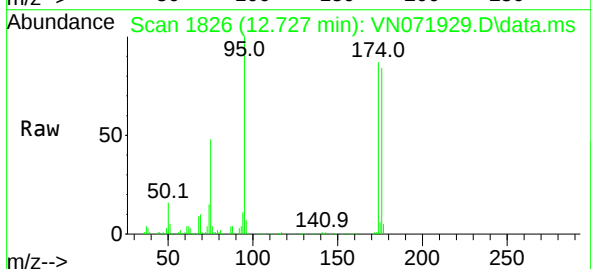
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

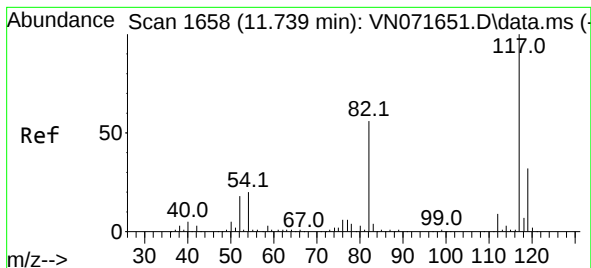
Tgt Ion: 43 Resp: 2829
Ion Ratio Lower Upper
43 100
58 58.9 29.7 89.1



#62
4-Bromofluorobenzene
Concen: 56.509 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 95 Resp: 484933
Ion Ratio Lower Upper
95 100
174 86.0 0.0 167.6
176 82.8 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN071929.D

Acq: 11 Apr 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01

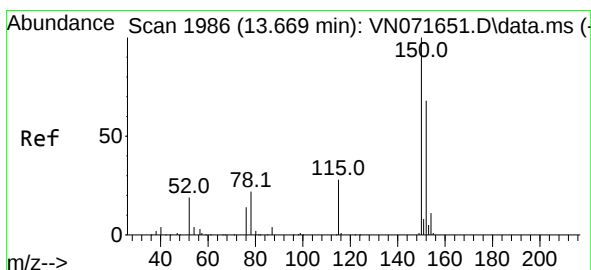
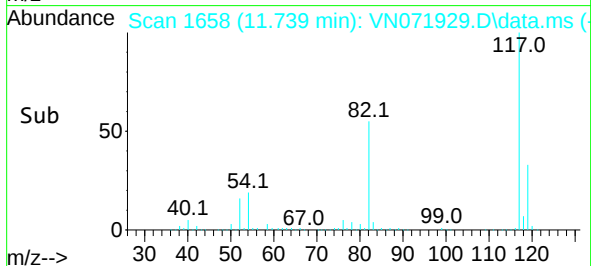
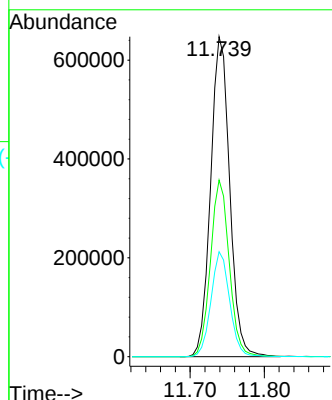
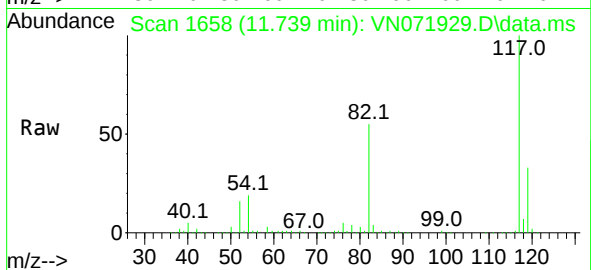
Tgt Ion:117 Resp: 1157299

Ion Ratio Lower Upper

117 100

82 55.2 44.2 66.2

119 32.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN071929.D

Acq: 11 Apr 2022 12:28

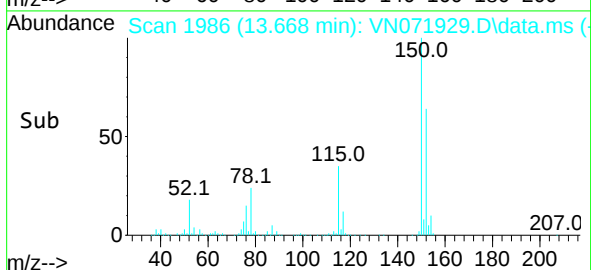
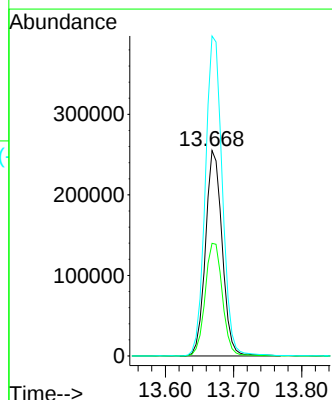
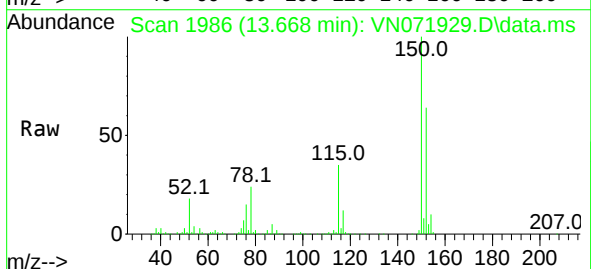
Tgt Ion:152 Resp: 434328

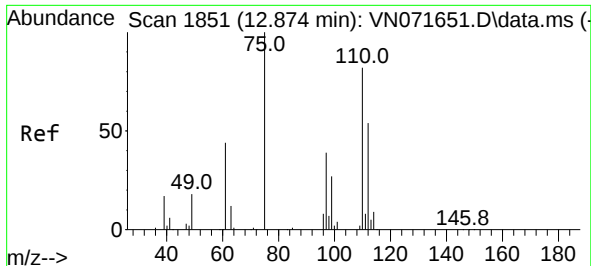
Ion Ratio Lower Upper

152 100

115 56.9 28.9 86.7

150 159.0 0.0 356.2

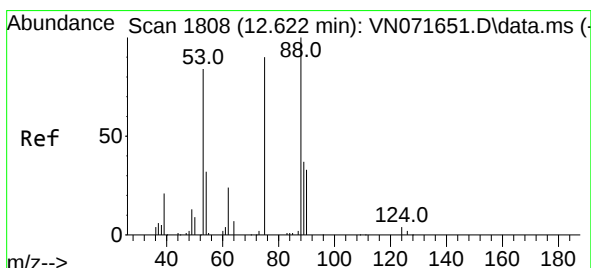
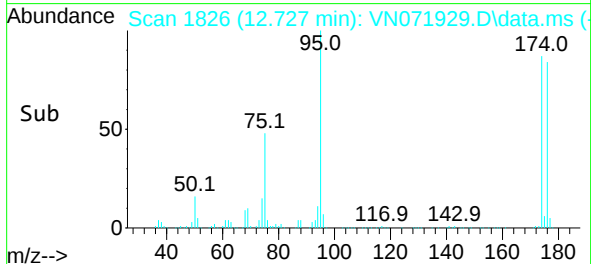
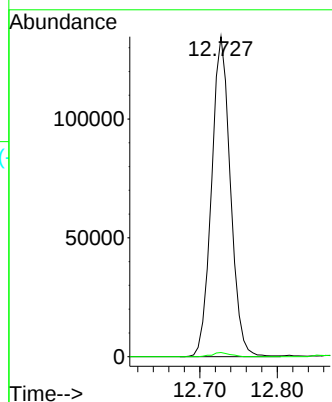
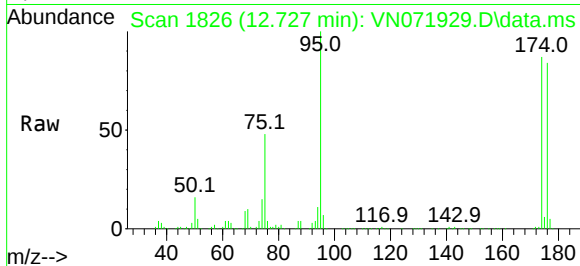




#76
1,2,3-Trichloropropane
Concen: 22.648 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

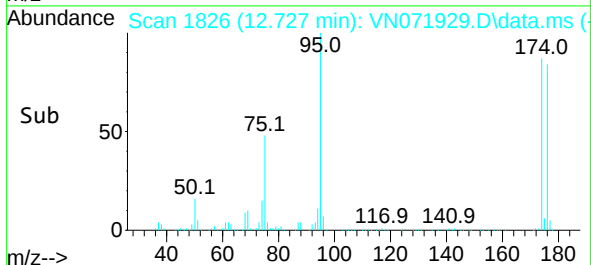
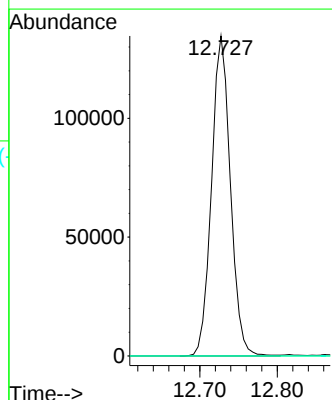
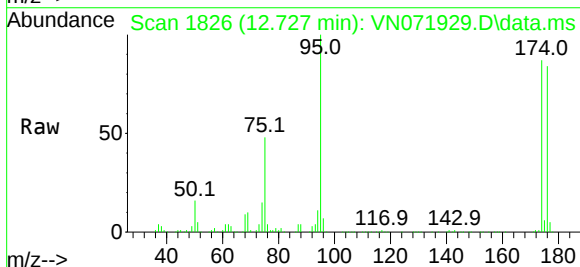
Instrument :
MSVOA_N
ClientSampleId :
VN0411WBL01

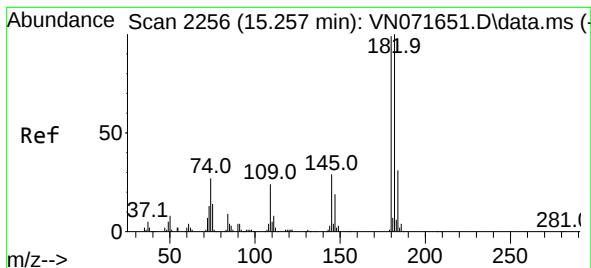
Tgt Ion: 75 Resp: 227876
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.186 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN071929.D
Acq: 11 Apr 2022 12:28

Tgt Ion: 75 Resp: 227876
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#





#93

1,2,4-Trichlorobenzene

Concen: 2.407 ug/l

RT: 15.256 min Scan# 2256

Delta R.T. -0.001 min

Lab File: VN071929.D

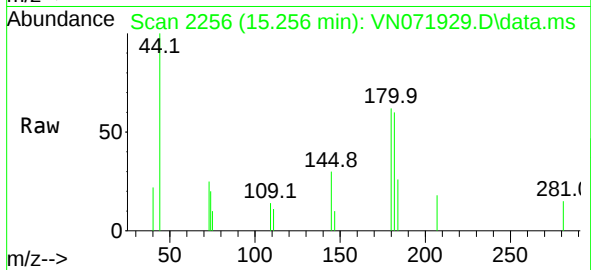
Acq: 11 Apr 2022 12:28

Instrument :

MSVOA_N

ClientSampleId :

VN0411WBL01



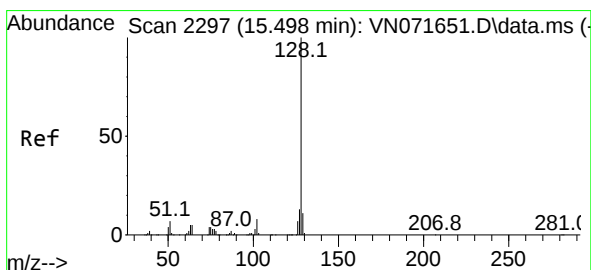
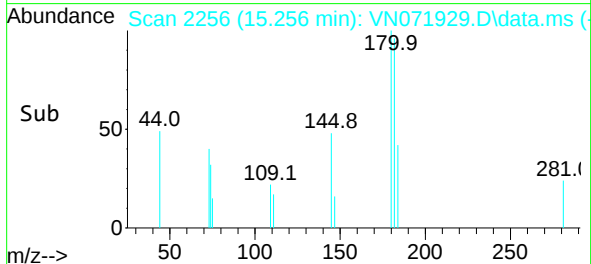
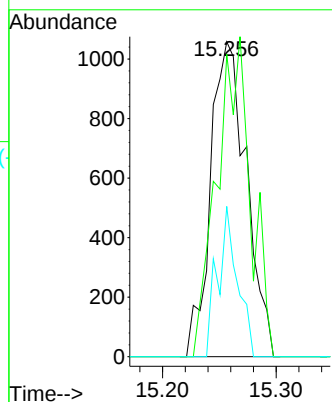
Tgt Ion:180 Resp: 2318

Ion Ratio Lower Upper

180 100

182 95.5 47.5 142.5

145 26.4 14.5 43.5



#95

Naphthalene

Concen: 4.161 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN071929.D

Acq: 11 Apr 2022 12:28

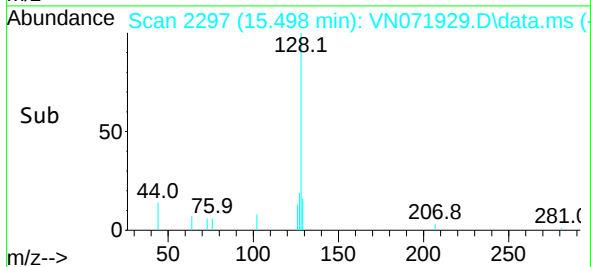
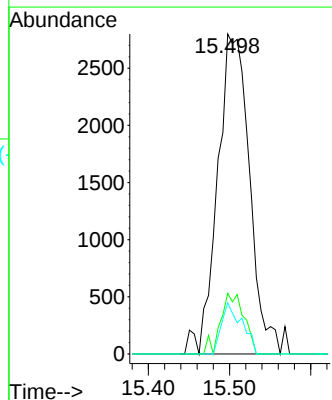
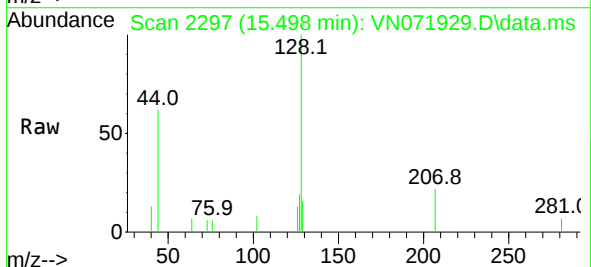
Tgt Ion:128 Resp: 7668

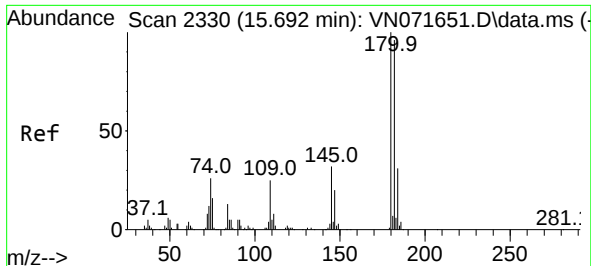
Ion Ratio Lower Upper

128 100

127 13.9 10.3 15.5

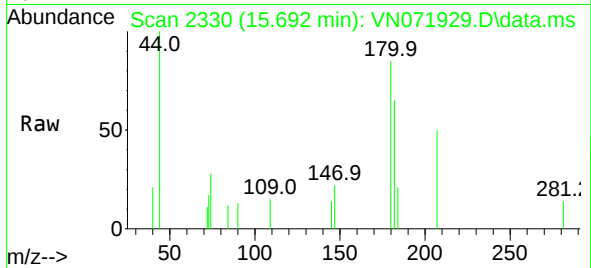
129 10.2 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.781 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071929.D
 Acq: 11 Apr 2022 12:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0411WBL01



Tgt Ion:	180	Resp:	2584
Ion	Ratio	Lower	Upper
180	100		
182	90.7	47.8	143.3
145	25.4	15.5	46.5

