

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072170.D
 Acq On : 22 Apr 2022 20:36
 Operator : JC\MD
 Sample : N2524-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 03:24:33 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)

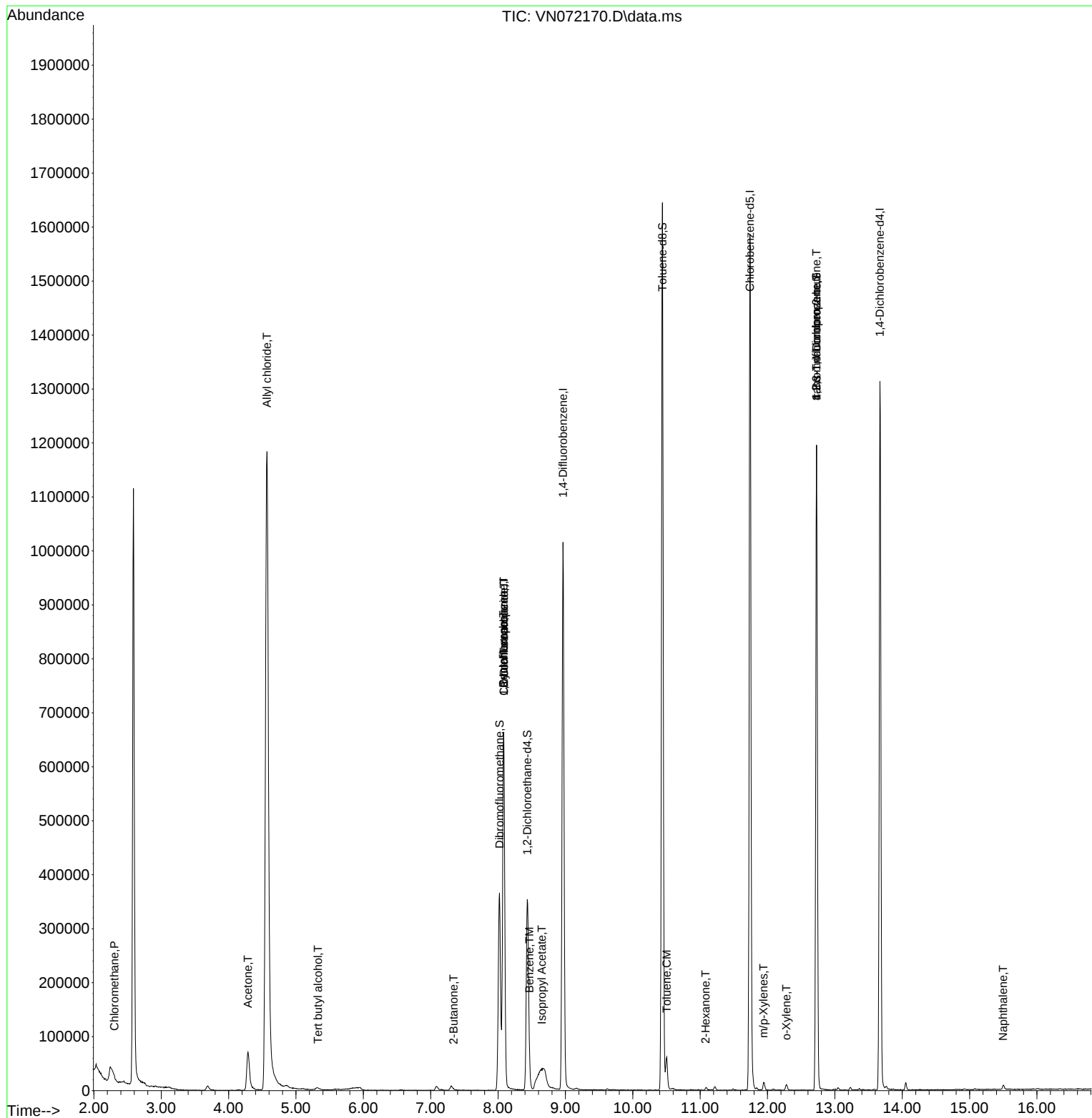
Internal Standards						
1) Pentafluorobenzene	8.081	168	562708	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	961666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1012525	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	403235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	286493	44.598	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	89.200%
35) Dibromofluoromethane	8.022	113	272089	48.082	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.160%
50) Toluene-d8	10.439	98	1201329	51.895	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.800%
62) 4-Bromofluorobenzene	12.727	95	426582	56.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.304	50	2159	0.381	ug/l #	78
11) Tert butyl alcohol	5.328	59	4354	4.176	ug/l #	72
14) Allyl chloride	4.569	41	144667	19.190	ug/l #	69
16) Acetone	4.287	43	130560	47.556	ug/l	91
18) Methyl Acetate	4.857	43	6842	Below Cal		99
25) 2-Butanone	7.339	43	1602	0.405	ug/l	95
31) Cyclohexane	8.081	56	8297	0.950	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	36299	4.593	ug/l #	48
38) Carbon Tetrachloride	8.086	117	48031	6.202	ug/l #	16
40) Benzene	8.463	78	38989	1.562	ug/l	100
43) Isopropyl Acetate	8.651	43	70833	4.924	ug/l #	53
52) Toluene	10.504	92	23774	1.507	ug/l	100
59) 2-Hexanone	11.080	43	1205	0.207	ug/l #	32
68) m/p-Xylenes	11.939	106	5792	0.439	ug/l	85
69) o-Xylene	12.280	106	2928	0.224	ug/l	81
76) 1,2,3-Trichloropropane	12.727	75	200130	21.424	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	200130	66.393	ug/l #	10
95) Naphthalene	15.498	128	9125	4.262	ug/l #	92

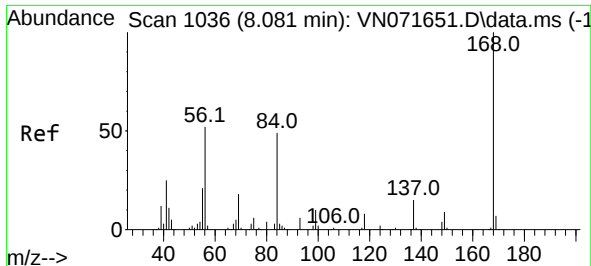
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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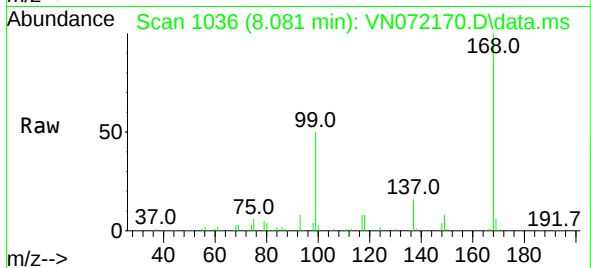
Quant Time: Apr 23 03:24:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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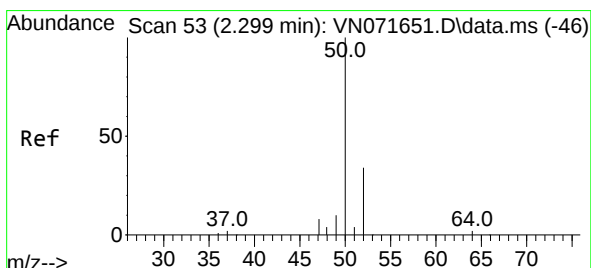
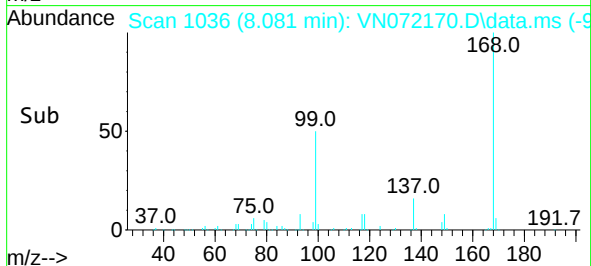
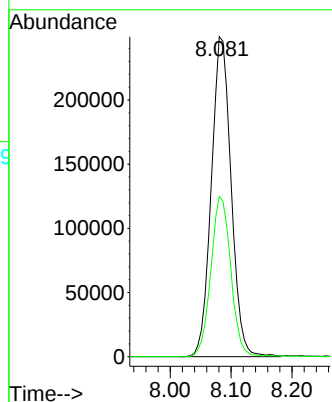


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :

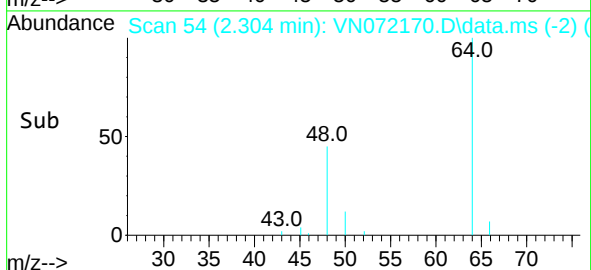
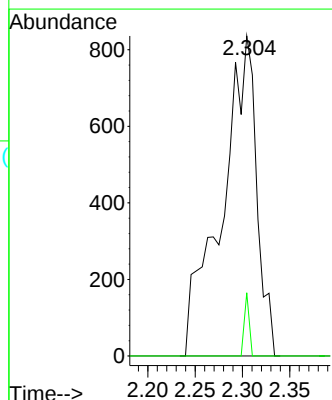
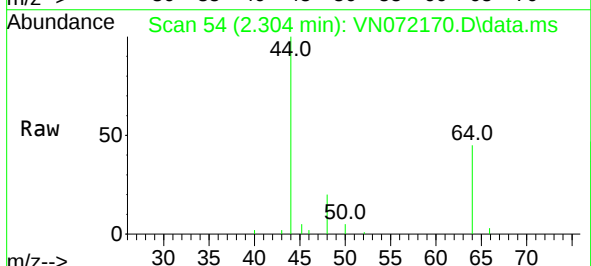


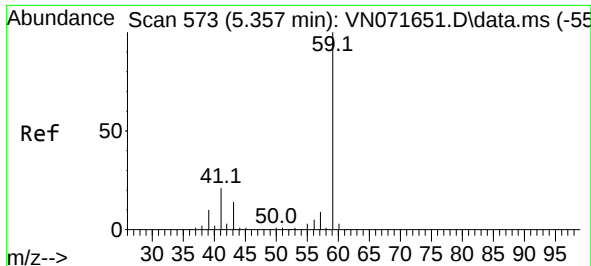
Tgt Ion:168 Resp: 562708
Ion Ratio Lower Upper
168 100
99 50.1 42.3 63.5



#3
Chloromethane
Concen: 0.381 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.005 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

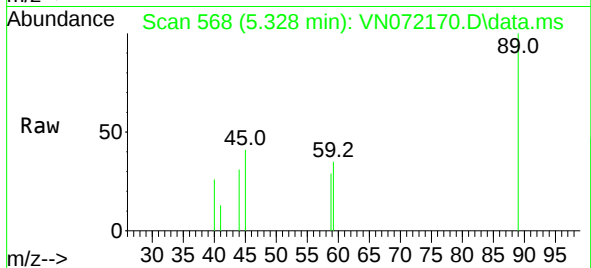
Tgt Ion: 50 Resp: 2159
Ion Ratio Lower Upper
50 100
52 19.7 25.7 38.5#



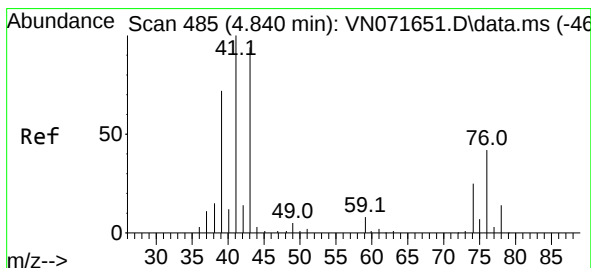
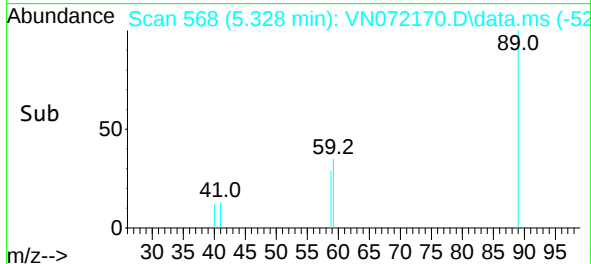
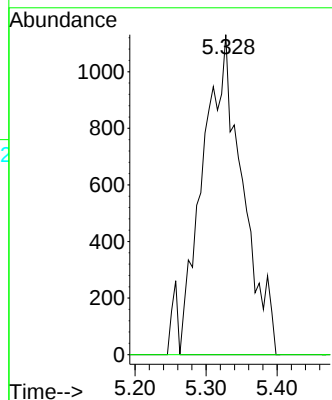


#11
Tert butyl alcohol
Concen: 4.176 ug/l
RT: 5.328 min Scan# 50
Delta R.T. -0.029 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :

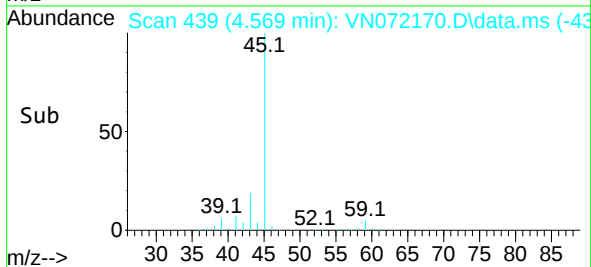
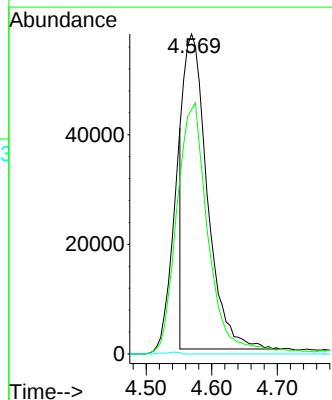
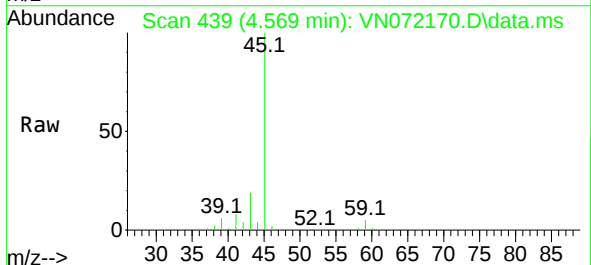


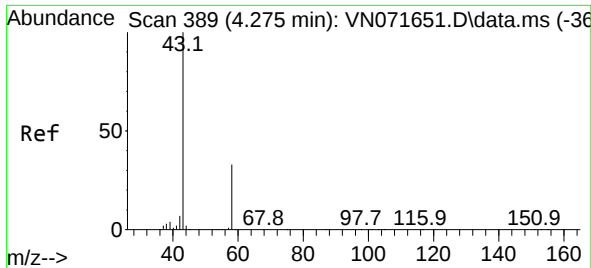
Tgt Ion: 59 Resp: 4354
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#14
Allyl chloride
Concen: 19.190 ug/l
RT: 4.569 min Scan# 439
Delta R.T. -0.271 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Tgt Ion: 41 Resp: 144667
Ion Ratio Lower Upper
41 100
39 77.6 53.2 79.8
76 0.0 29.9 44.9#

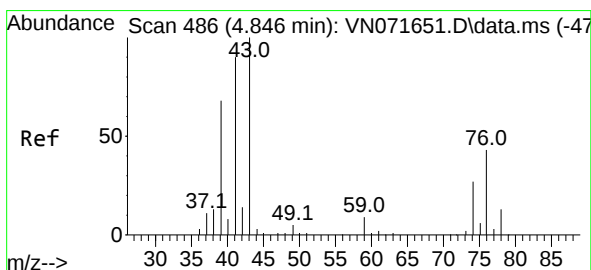
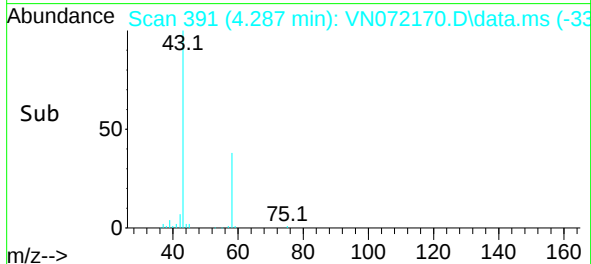
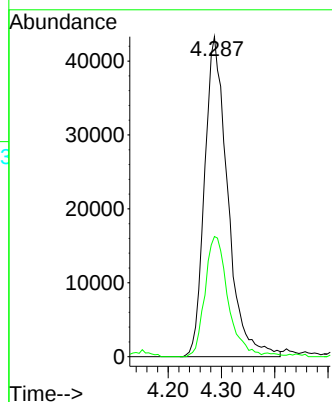
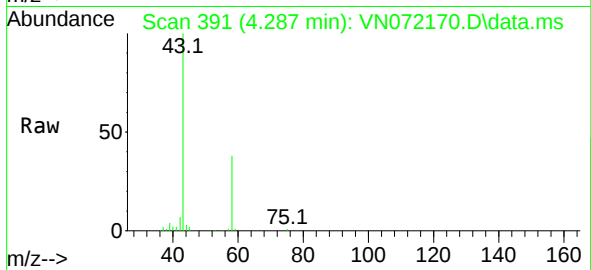




#16
Acetone
Concen: 47.556 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

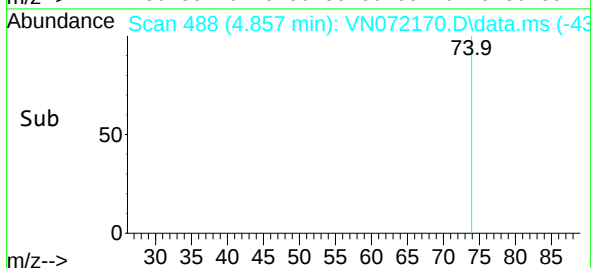
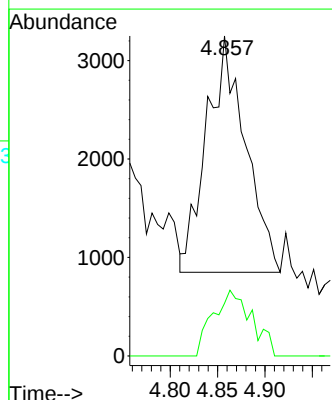
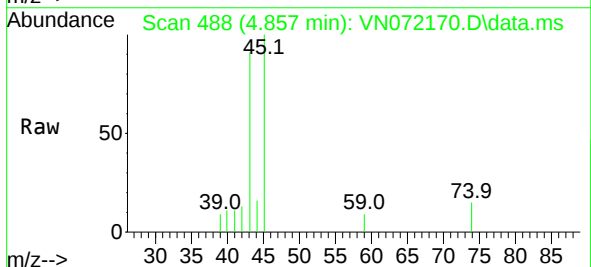
Instrument :
MSVOA_N
ClientSampleId :

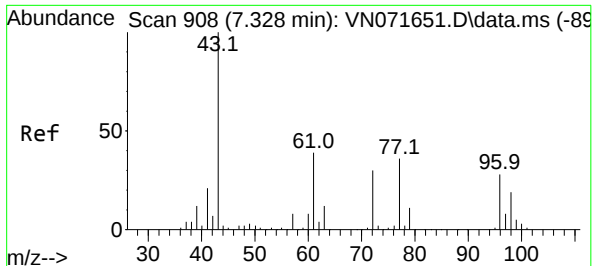
Tgt Ion: 43 Resp: 130560
Ion Ratio Lower Upper
43 100
58 37.6 26.0 39.0



#18
Methyl Acetate
Concen: Below Cal
RT: 4.857 min Scan# 488
Delta R.T. 0.011 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Tgt Ion: 43 Resp: 6842
Ion Ratio Lower Upper
43 100
74 27.6 21.6 32.4





#25

2-Butanone

Concen: 0.405 ug/l

RT: 7.339 min Scan# 91

Delta R.T. 0.011 min

Lab File: VN072170.D

Acq: 22 Apr 2022 20:36

Instrument :

MSVOA_N

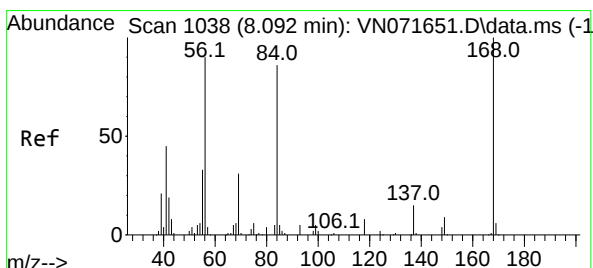
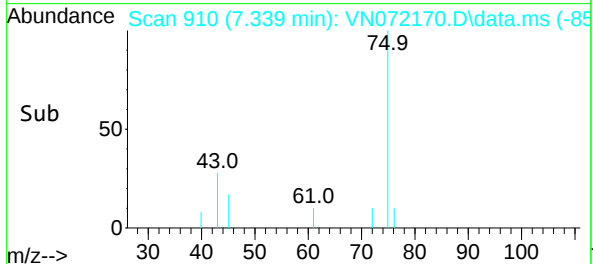
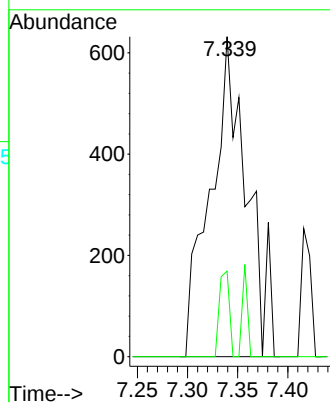
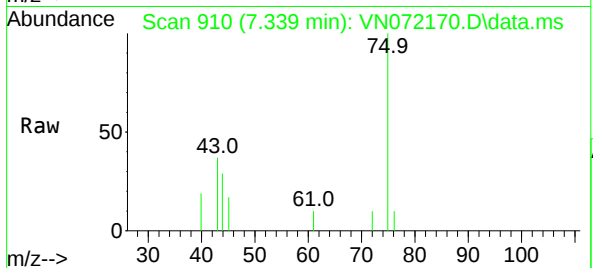
ClientSampleId :

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

43 100

72 26.7 23.7 35.5



#31

Cyclohexane

Concen: 0.950 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072170.D

Acq: 22 Apr 2022 20:36

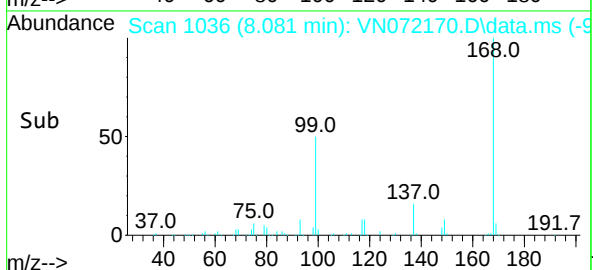
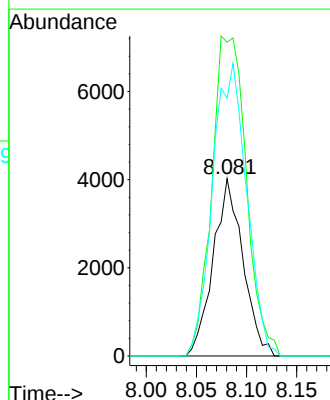
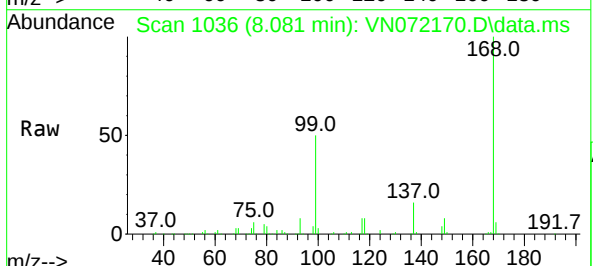
Tgt Ion: 56 Resp: 8297

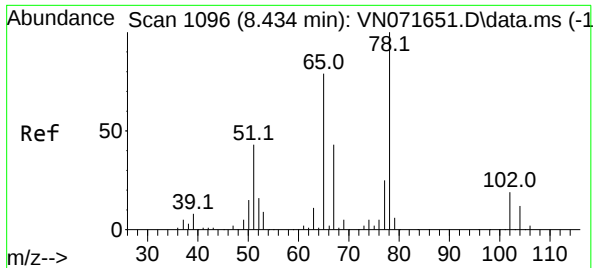
Ion Ratio Lower Upper

56 100

69 177.0 27.8 41.8#

84 145.3 76.9 115.3#





#33

1,2-Dichloroethane-d4

Concen: 44.598 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072170.D

Acq: 22 Apr 2022 20:36

Instrument :

MSVOA_N

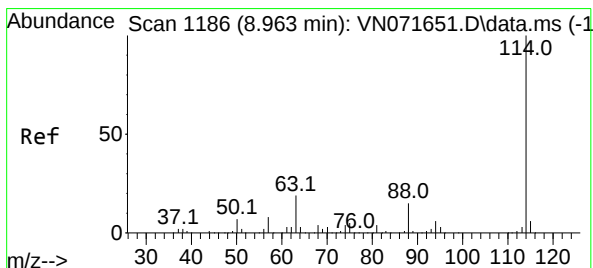
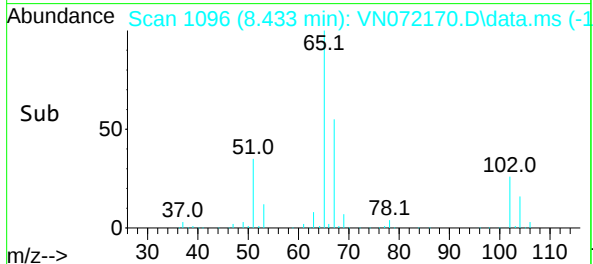
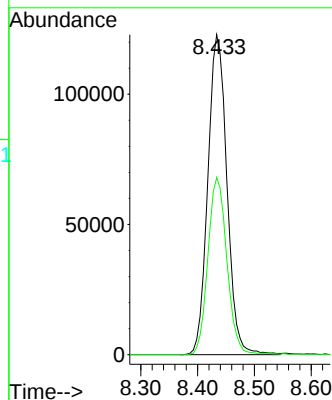
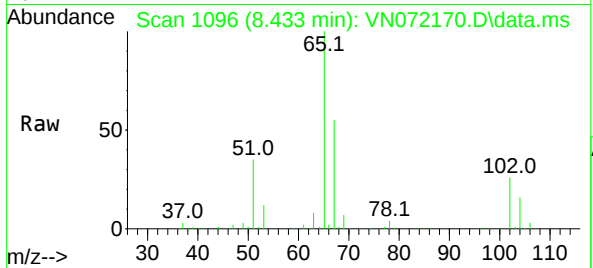
ClientSampleId :

Tgt Ion: 65 Resp: 286493

Ion Ratio Lower Upper

65 100

67 55.1 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: VN072170.D

Acq: 22 Apr 2022 20:36

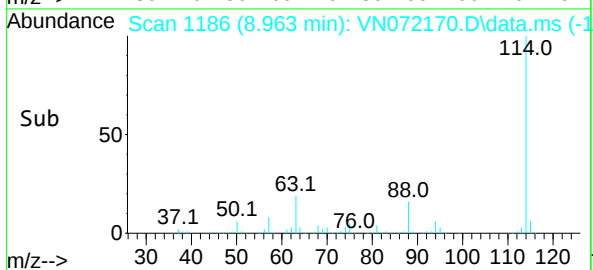
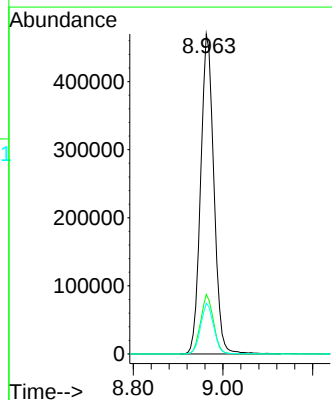
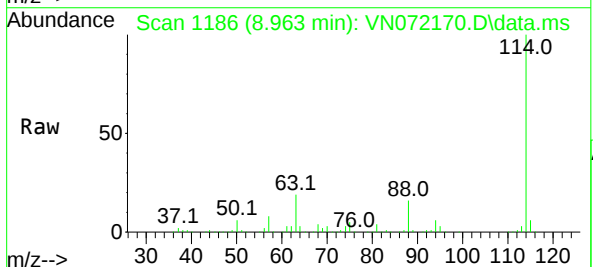
Tgt Ion: 114 Resp: 961666

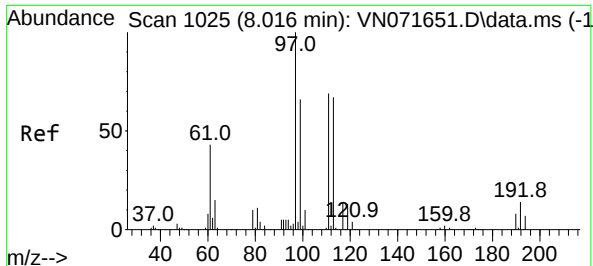
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.082 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

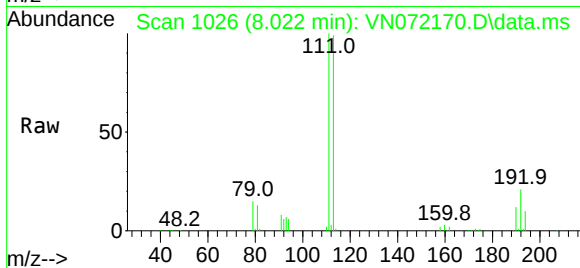
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Acq: 22 Apr 2022 20:36

Instrument :

MSVOA_N

ClientSampleId :



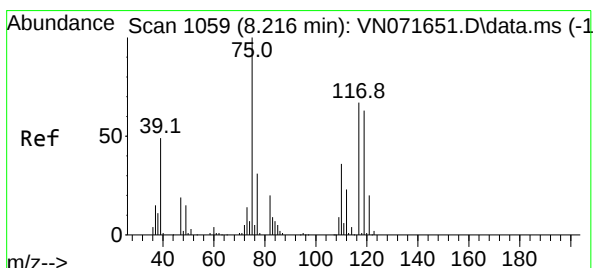
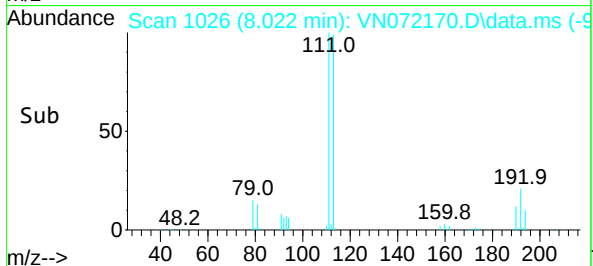
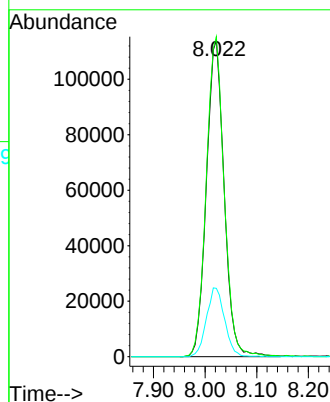
Tgt Ion:113 Resp: 272089

Ion Ratio Lower Upper

113 100

111 101.9 81.4 122.0

192 22.3 17.0 25.6



#36

1,1-Dichloropropene

Concen: 4.593 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

Lab File: VN072170.D

Acq: 22 Apr 2022 20:36

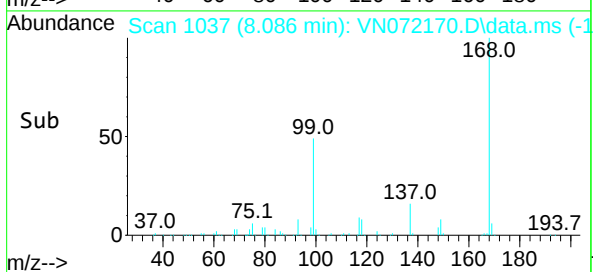
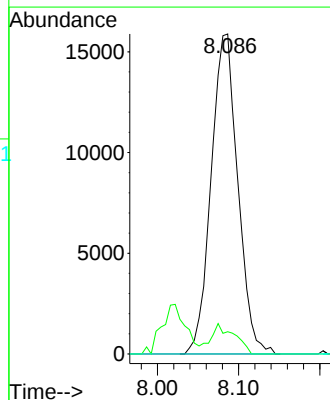
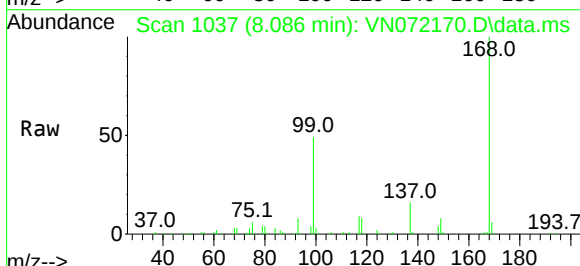
Tgt Ion: 75 Resp: 36299

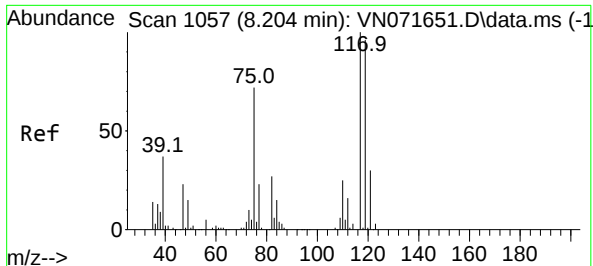
Ion Ratio Lower Upper

75 100

110 8.4 18.3 54.8#

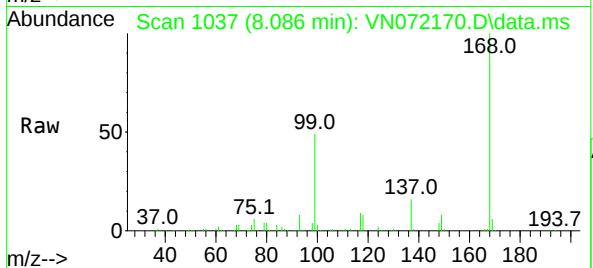
77 0.0 25.1 37.7#



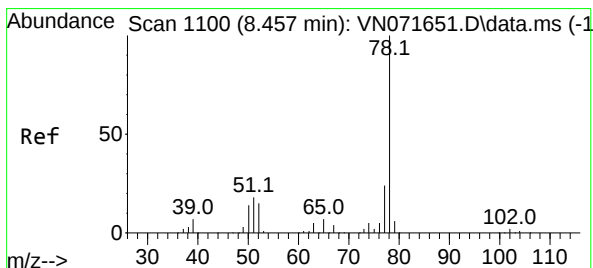
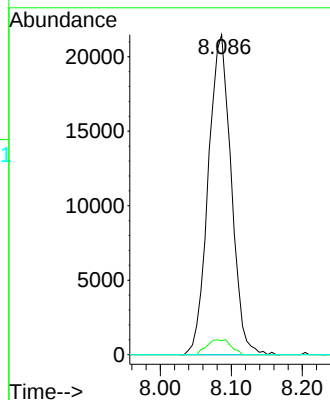
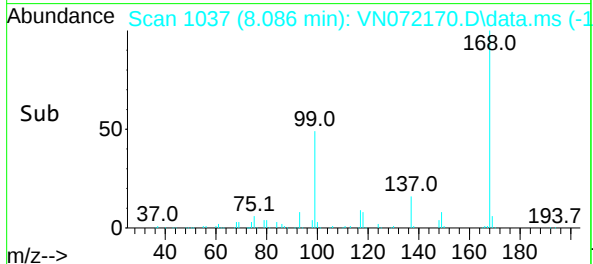


#38
Carbon Tetrachloride
Concen: 6.202 ug/l
RT: 8.086 min Scan# 1101
Delta R.T. -0.118 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :

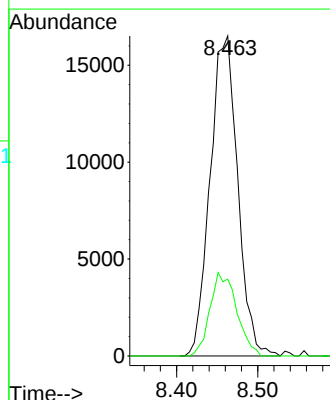
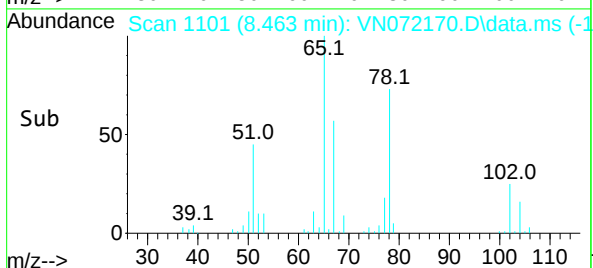
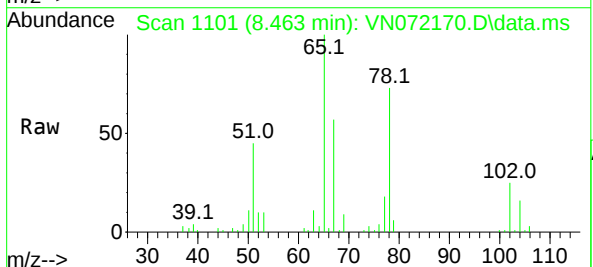


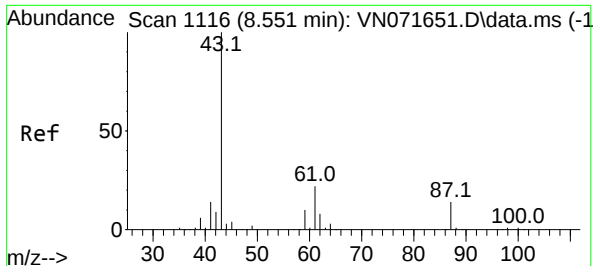
Tgt Ion:117 Resp: 48031
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 24.6 37.0#



#40
Benzene
Concen: 1.562 ug/l
RT: 8.463 min Scan# 1101
Delta R.T. 0.006 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Tgt Ion: 78 Resp: 38989
Ion Ratio Lower Upper
78 100
77 24.0 19.4 29.0





#43

Isopropyl Acetate

Concen: 4.924 ug/l

RT: 8.651 min Scan# 1116

Delta R.T. 0.100 min

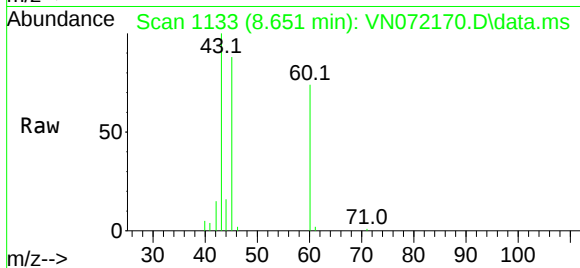
Lab File: VN072170.D

Acq: 22 Apr 2022 20:36

Instrument :

MSVOA_N

ClientSampleId :



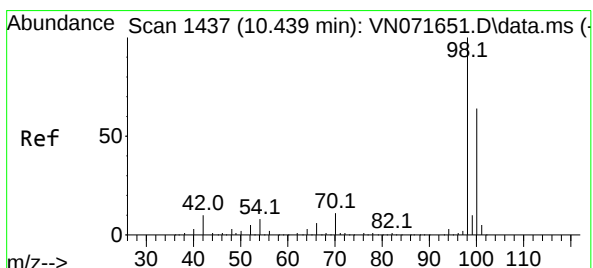
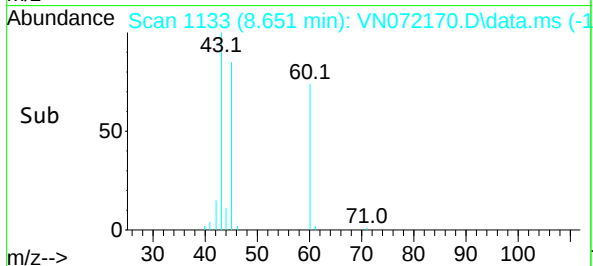
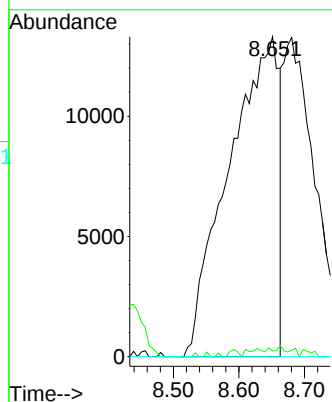
Tgt Ion: 43 Resp: 70833

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 51.895 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072170.D

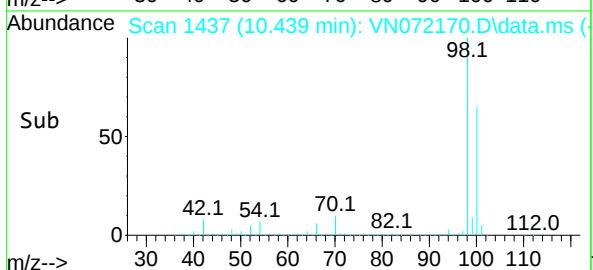
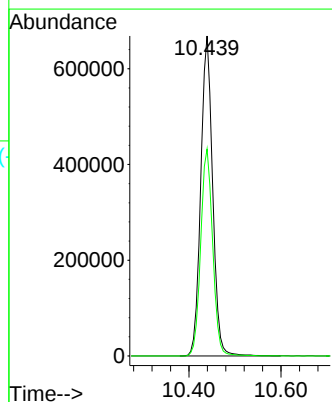
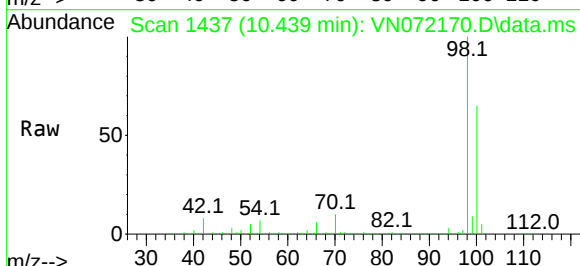
Acq: 22 Apr 2022 20:36

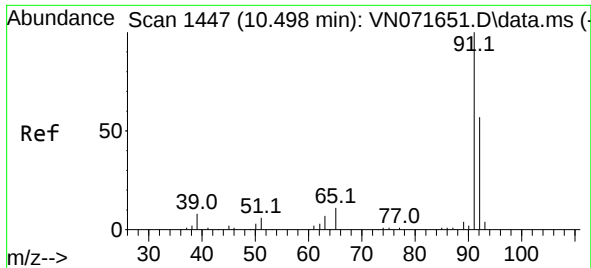
Tgt Ion: 98 Resp: 1201329

Ion Ratio Lower Upper

98 100

100 65.3 52.6 78.8

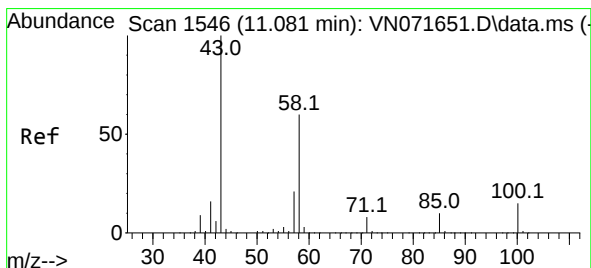
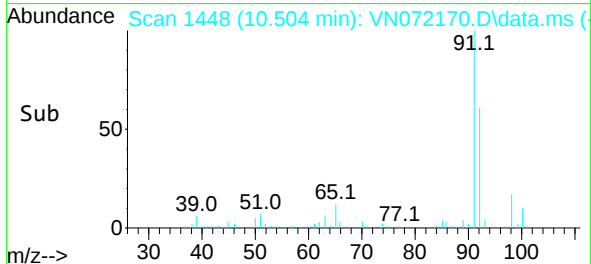
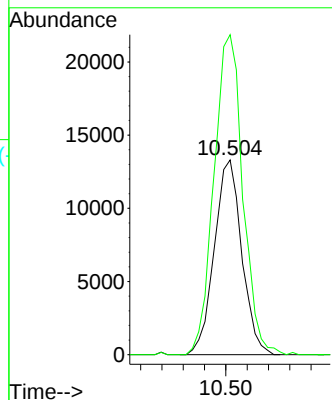
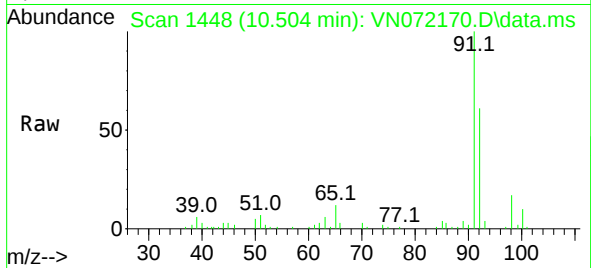




#52
Toluene
Concen: 1.507 ug/l
RT: 10.504 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

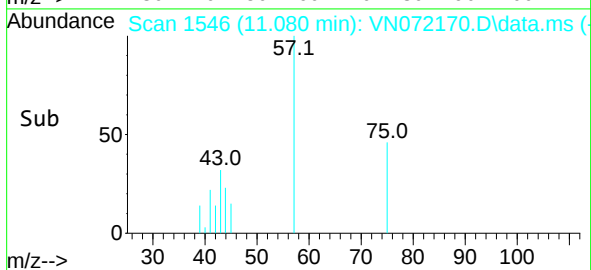
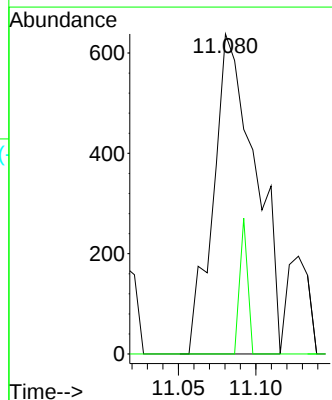
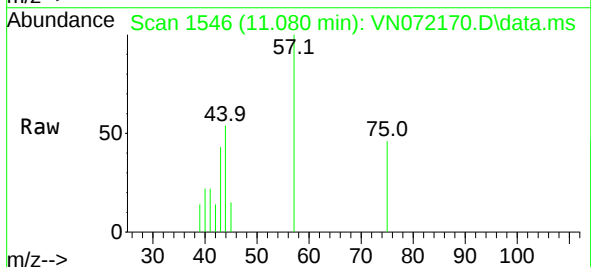
Instrument :
MSVOA_N
ClientSampleId :

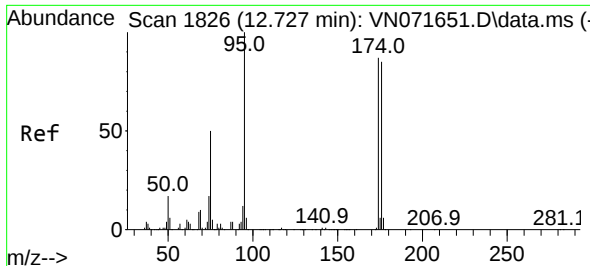
Tgt Ion: 92 Resp: 23774
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8



#59
2-Hexanone
Concen: 0.207 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

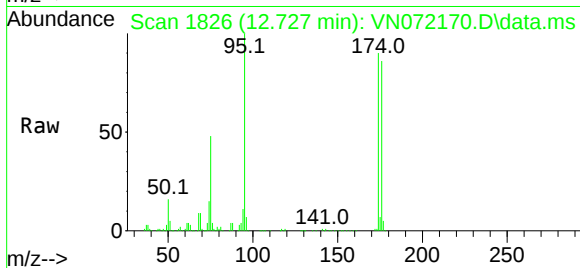
Tgt Ion: 43 Resp: 1205
Ion Ratio Lower Upper
43 100
58 8.0 29.7 89.1#



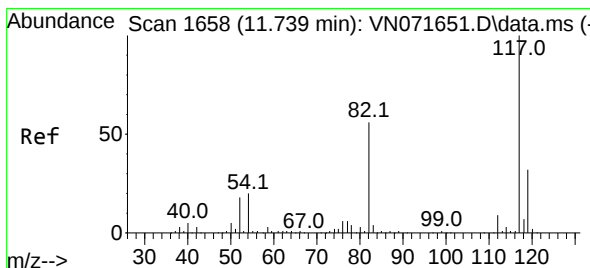
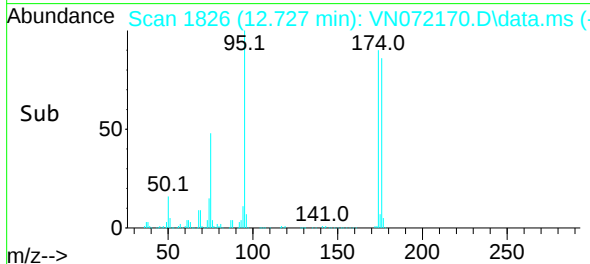
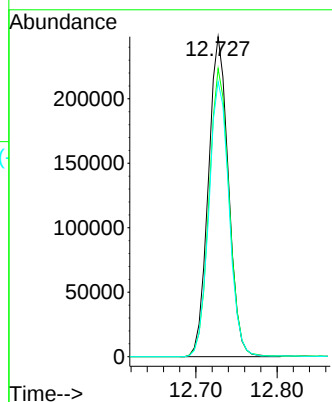


#62
4-Bromofluorobenzene
Concen: 56.978 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :

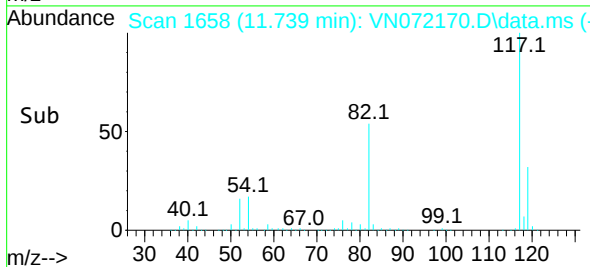
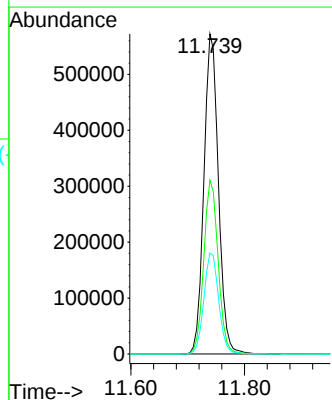
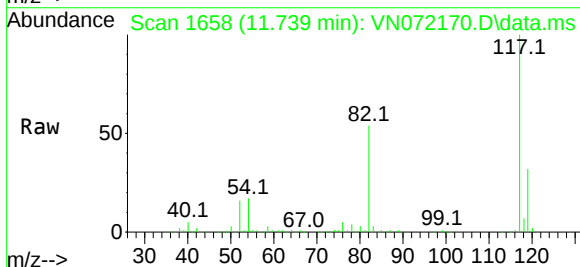


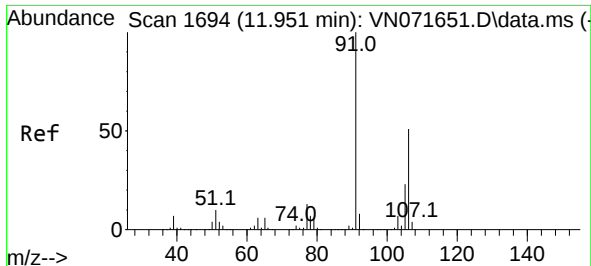
Tgt Ion: 95 Resp: 426582
Ion Ratio Lower Upper
95 100
174 89.7 0.0 167.6
176 86.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Tgt Ion: 117 Resp: 1012525
Ion Ratio Lower Upper
117 100
82 54.3 44.2 66.2
119 31.6 25.4 38.0

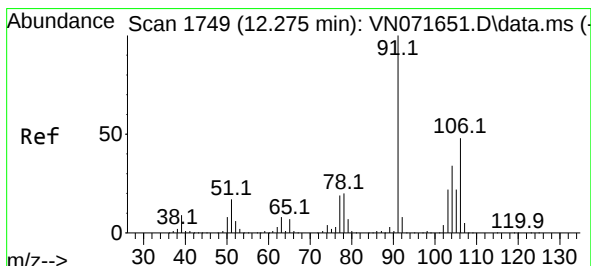
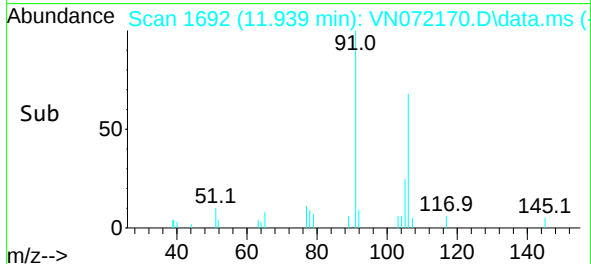
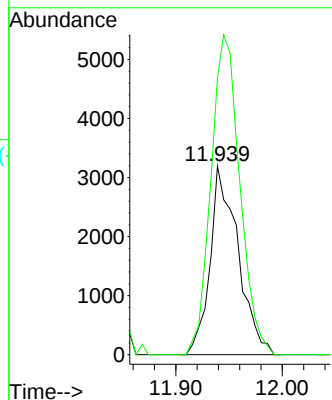
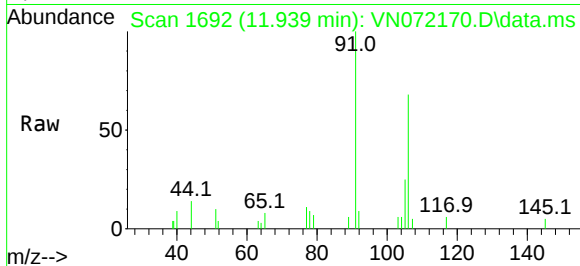




#68
m/p-Xylenes
Concen: 0.439 ug/l
RT: 11.939 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

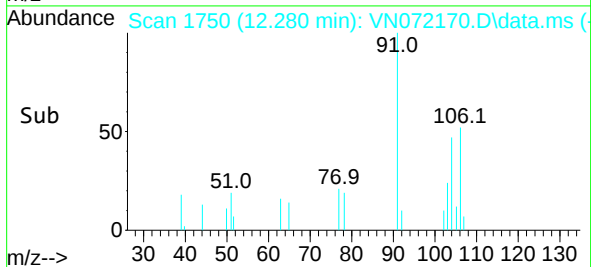
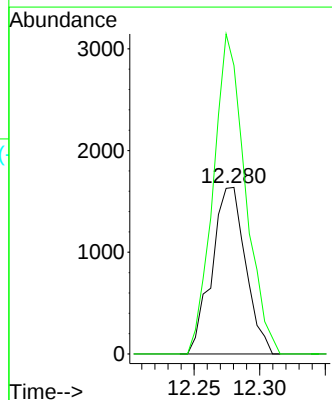
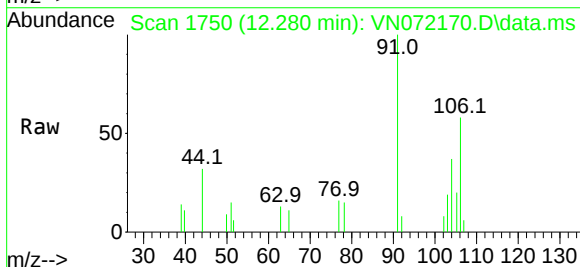
Instrument :
MSVOA_N
ClientSampleId :

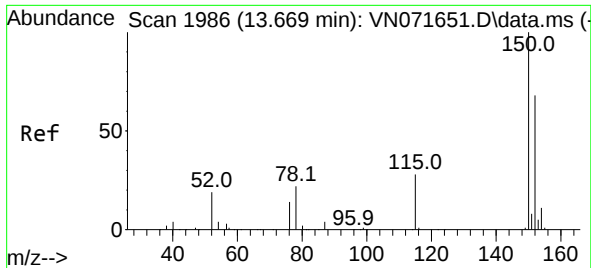
Tgt Ion:106 Resp: 5792
Ion Ratio Lower Upper
106 100
91 176.3 158.9 238.3



#69
o-Xylene
Concen: 0.224 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

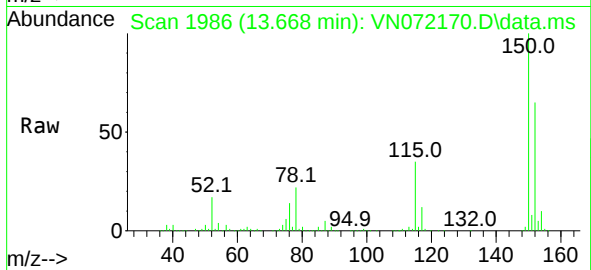
Tgt Ion:106 Resp: 2928
Ion Ratio Lower Upper
106 100
91 182.9 106.0 318.0



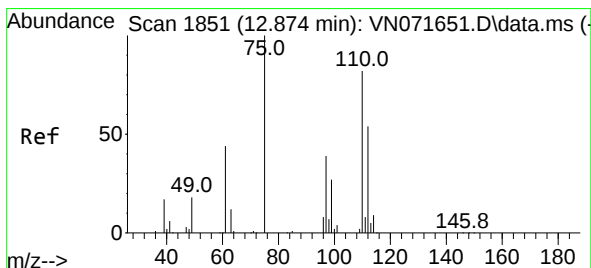
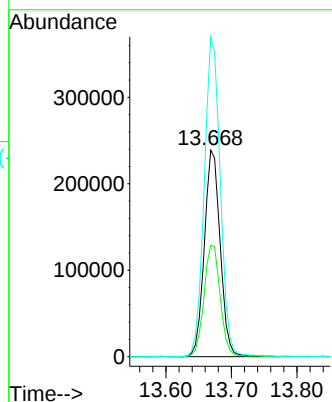
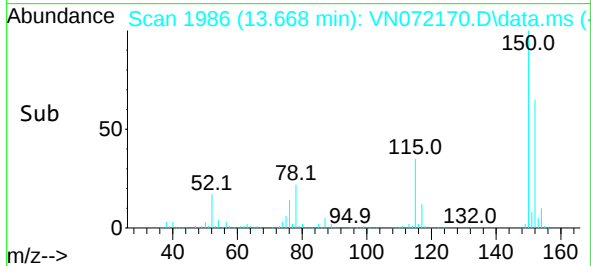


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN072170.D
 Acq: 22 Apr 2022 20:36

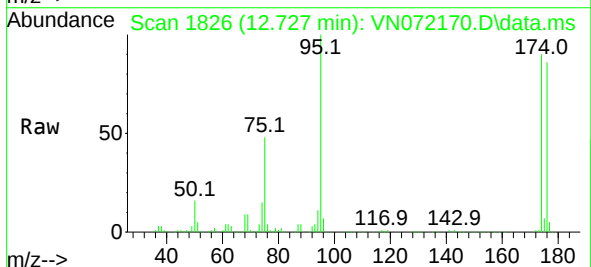
Instrument :
 MSVOA_N
 ClientSampleId :



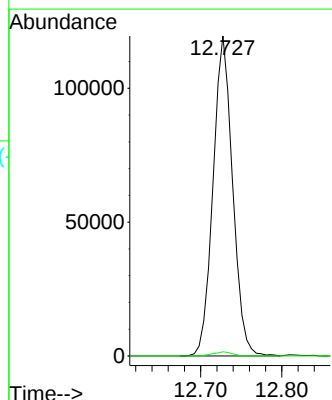
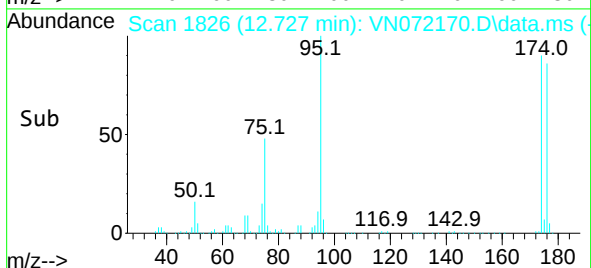
Tgt Ion:152 Resp: 403235
 Ion Ratio Lower Upper
 152 100
 115 55.4 28.9 86.7
 150 156.5 0.0 356.2

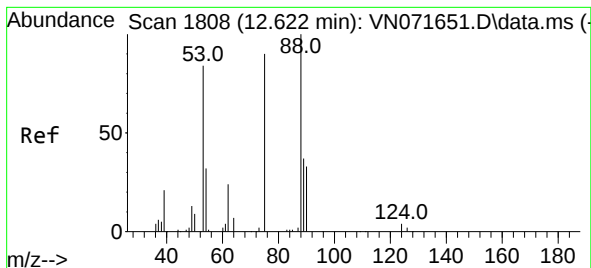


#76
 1,2,3-Trichloropropane
 Concen: 21.424 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. -0.147 min
 Lab File: VN072170.D
 Acq: 22 Apr 2022 20:36



Tgt Ion: 75 Resp: 200130
 Ion Ratio Lower Upper
 75 100
 77 1.2 98.5 295.5#

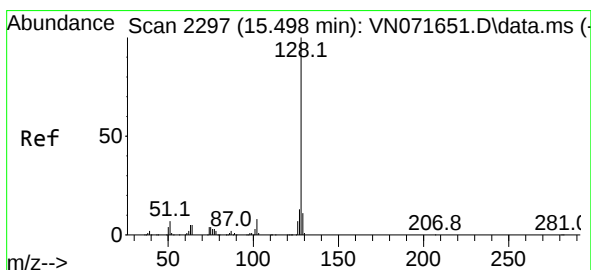
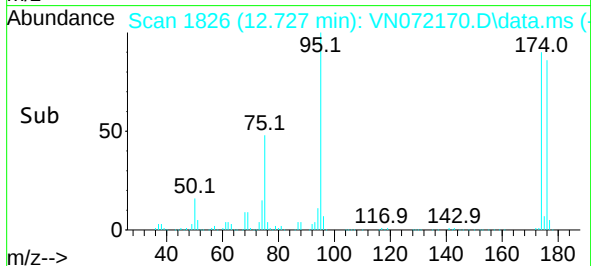
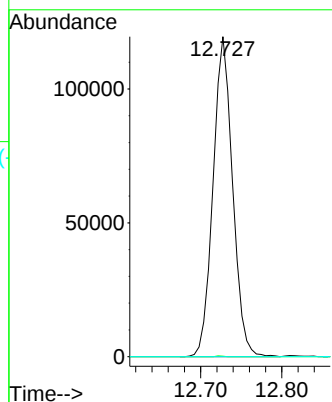
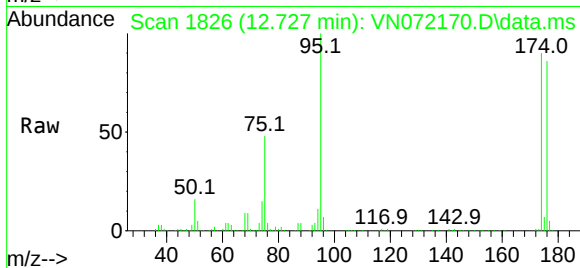




#81
trans-1,4-Dichloro-2-butene
Concen: 66.393 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 200130
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#95
Naphthalene
Concen: 4.262 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072170.D
Acq: 22 Apr 2022 20:36

Tgt Ion:128 Resp: 9125
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 4.7 8.6 13.0#

