

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072164.D
 Acq On : 22 Apr 2022 18:11
 Operator : JC\MD
 Sample : PB144273TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 23 03:22:33 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

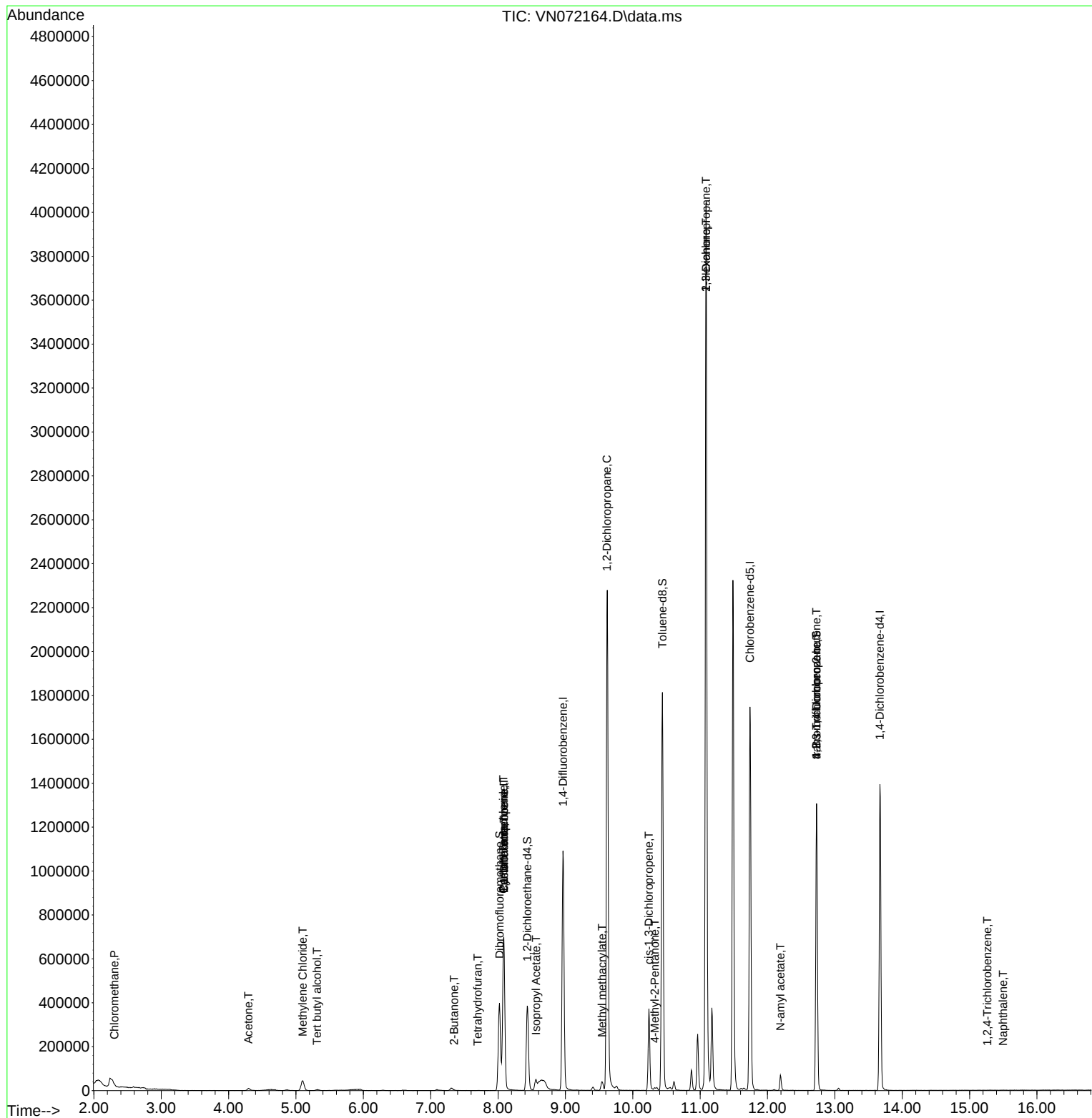
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	602029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1040983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1117606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	426854	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	319851	46.538	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.080%
35) Dibromofluoromethane	8.022	113	295385	48.221	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.440%
50) Toluene-d8	10.439	98	1341814	53.548	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.100%
62) 4-Bromofluorobenzene	12.727	95	465068	57.386	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.780%
Target Compounds						
					Qvalue	
3) Chloromethane	2.305	50	1911	0.315	ug/l #	70
11) Tert butyl alcohol	5.310	59	3912	3.507	ug/l #	72
16) Acetone	4.293	43	15936	5.426	ug/l	92
18) Methyl Acetate	4.869	43	6496	Below Cal	#	81
20) Methylene Chloride	5.098	84	41719	6.739	ug/l	94
25) 2-Butanone	7.345	43	3348	0.791	ug/l	97
29) Tetrahydrofuran	7.698	42	609	0.222	ug/l #	43
31) Cyclohexane	8.086	56	8830	0.945	ug/l #	1
36) 1,1-Dichloropropene	8.086	75	38911	4.549	ug/l #	48
38) Carbon Tetrachloride	8.081	117	52334	6.242	ug/l #	17
43) Isopropyl Acetate	8.563	43	52125	3.347	ug/l #	86
45) 1,2-Dichloropropane	9.616	63	3015	0.447	ug/l #	44
48) Methyl methacrylate	9.545	41	10317	1.597	ug/l #	10
49) 1,4-Dioxane	9.604	88	560	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.328	43	6316	0.705	ug/l	91
54) cis-1,3-Dichloropropene	10.239	75	77613	7.428	ug/l #	57
57) 1,3-Dichloropropane	11.086	76	48512	4.127	ug/l #	42
59) 2-Hexanone	11.086	43	542748	86.097	ug/l #	49
74) N-amyl acetate	12.192	43	19209	1.864	ug/l #	51
76) 1,2,3-Trichloropropane	12.727	75	216716	21.916	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	216716	67.917	ug/l #	10
93) 1,2,4-Trichlorobenzene	15.262	180	53	2.093	ug/l #	76
95) Naphthalene	15.498	128	584	3.831	ug/l #	69

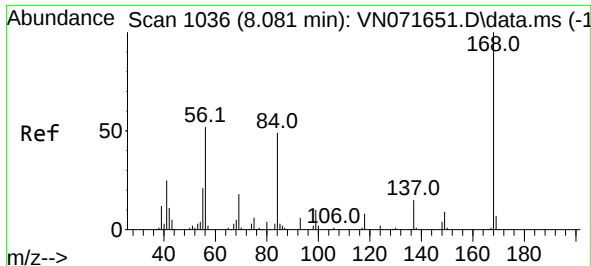
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
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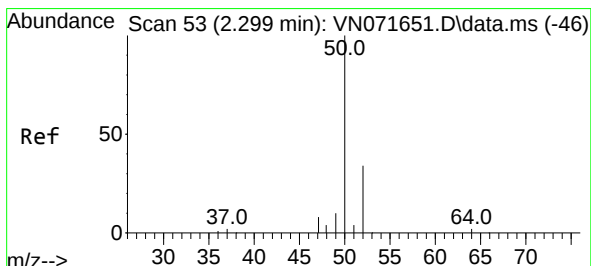
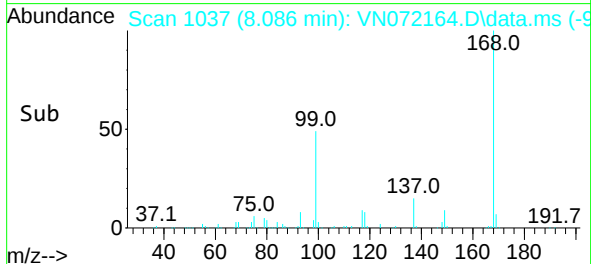
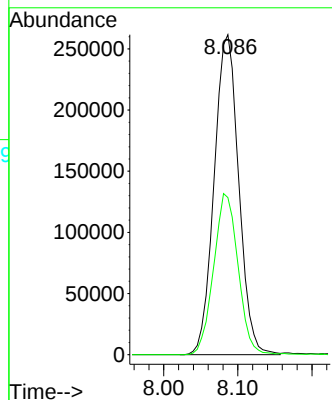
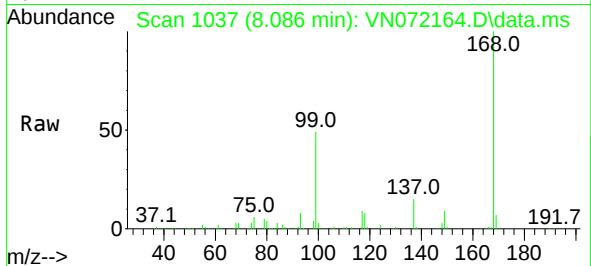




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

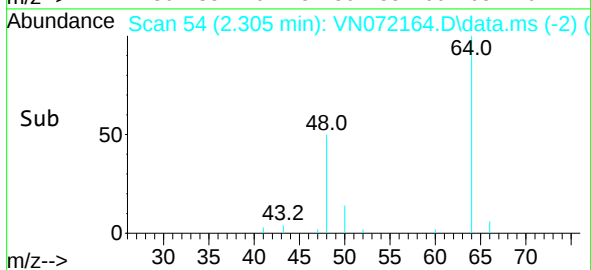
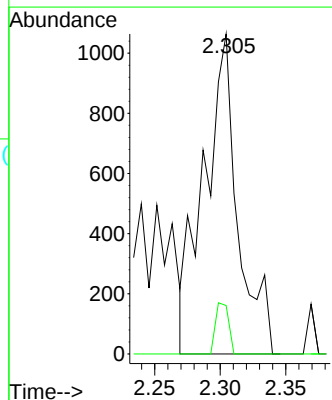
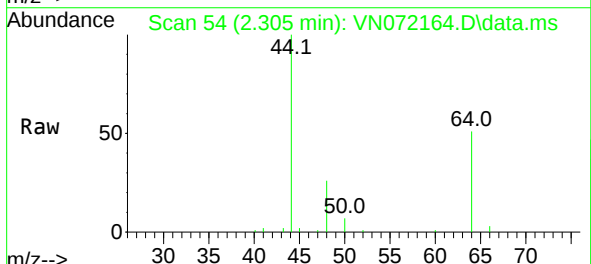
Instrument :
MSVOA_N
ClientSampleId :

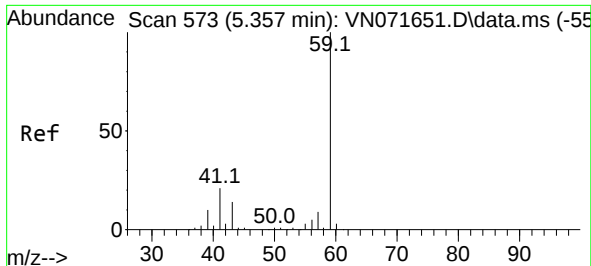
Tgt Ion:168 Resp: 602029
Ion Ratio Lower Upper
168 100
99 49.1 42.3 63.5



#3
Chloromethane
Concen: 0.315 ug/l
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Tgt Ion: 50 Resp: 1911
Ion Ratio Lower Upper
50 100
52 15.1 25.7 38.5#

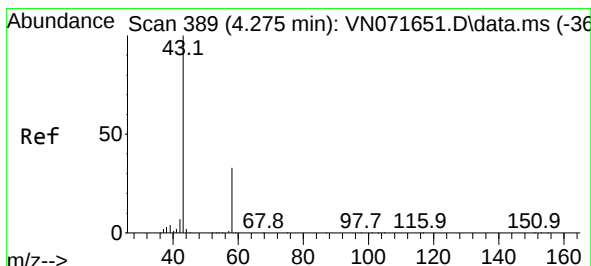
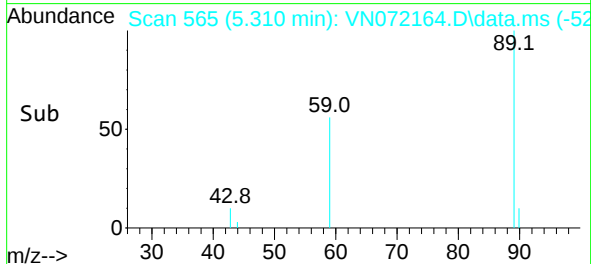
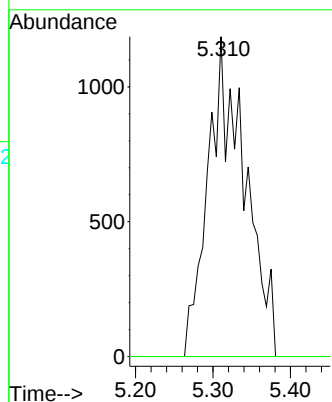
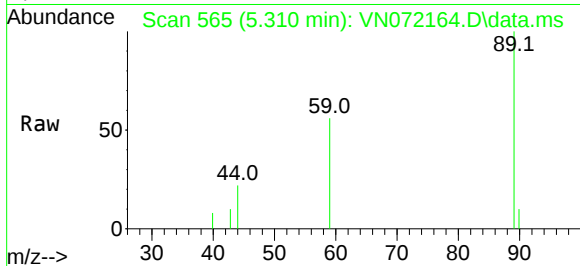




#11
Tert butyl alcohol
Concen: 3.507 ug/l
RT: 5.310 min Scan# 50
Delta R.T. -0.047 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

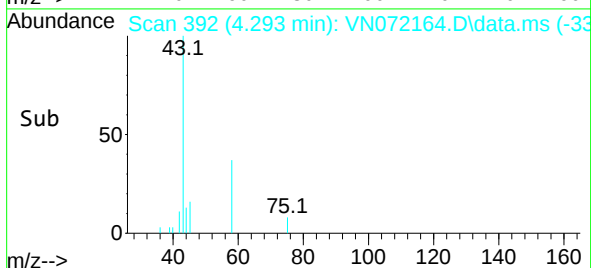
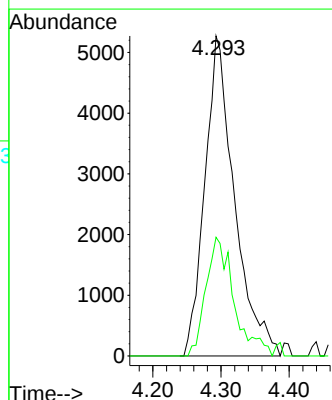
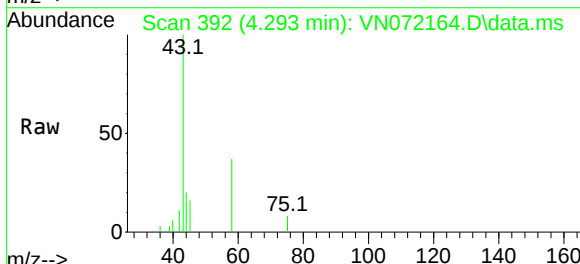
Instrument :
MSVOA_N
ClientSampleId :

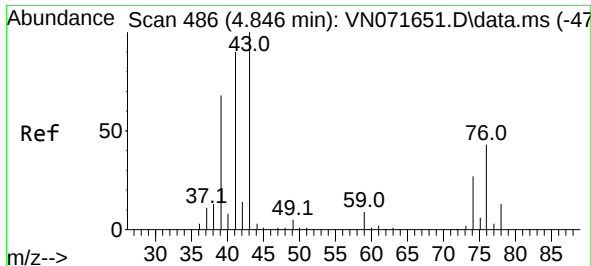
Tgt Ion: 59 Resp: 3912
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 5.426 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.018 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Tgt Ion: 43 Resp: 15936
Ion Ratio Lower Upper
43 100
58 37.1 26.0 39.0

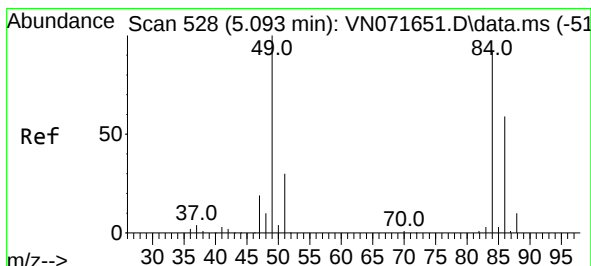
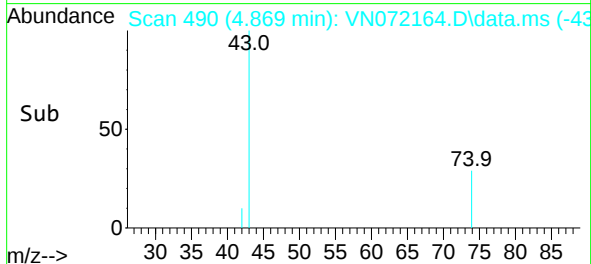
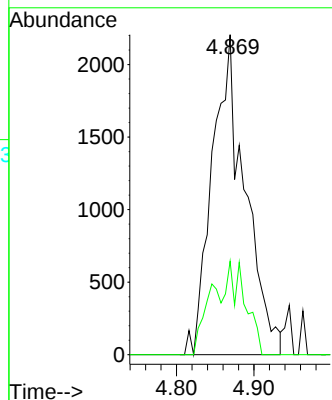
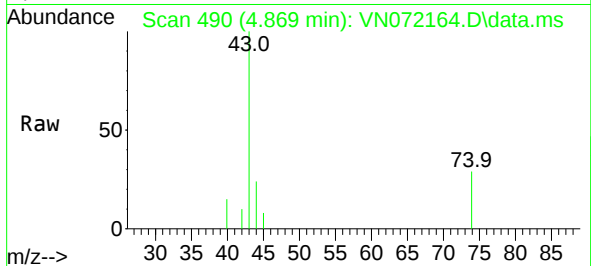




#18
Methyl Acetate
Concen: Below Cal
RT: 4.869 min Scan# 49
Delta R.T. 0.023 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

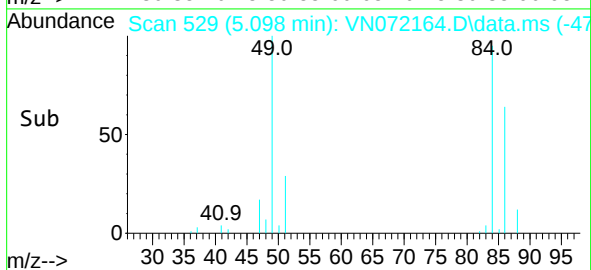
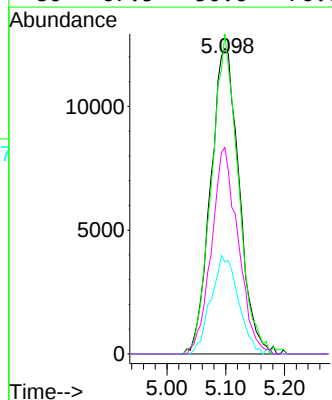
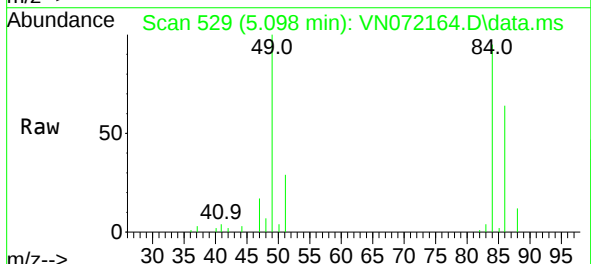
Instrument :
MSVOA_N
ClientSampleId :

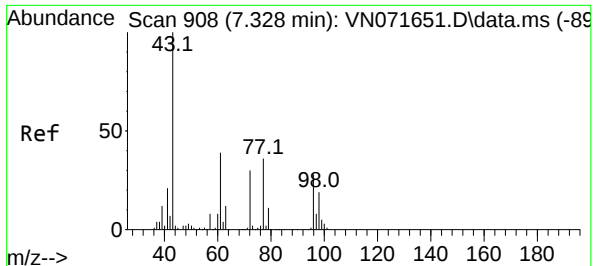
Tgt Ion: 43 Resp: 6496
Ion Ratio Lower Upper
43 100
74 17.1 21.6 32.4#



#20
Methylene Chloride
Concen: 6.739 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Tgt Ion: 84 Resp: 41719
Ion Ratio Lower Upper
84 100
49 104.8 88.3 132.5
51 30.1 28.2 42.2
86 67.5 50.6 76.0





#25

2-Butanone

Concen: 0.791 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.017 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

Instrument :

MSVOA_N

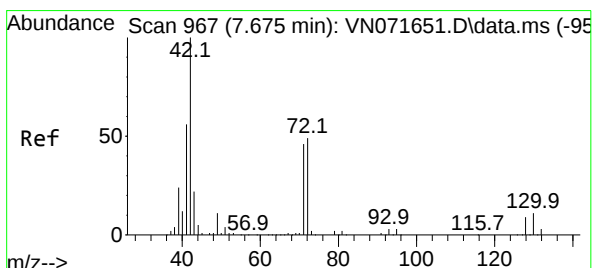
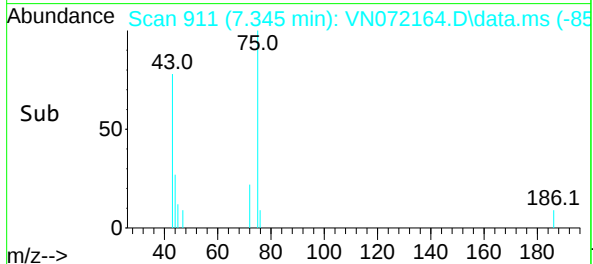
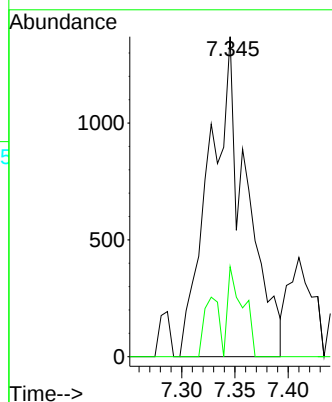
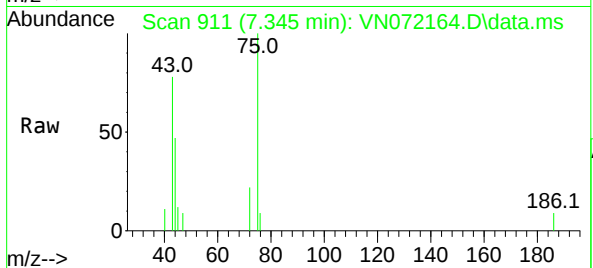
ClientSampleId :

Tgt Ion: 43 Resp: 3348

Ion Ratio Lower Upper

43 100

72 28.1 23.7 35.5



#29

Tetrahydrofuran

Concen: 0.222 ug/l

RT: 7.698 min Scan# 971

Delta R.T. 0.023 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

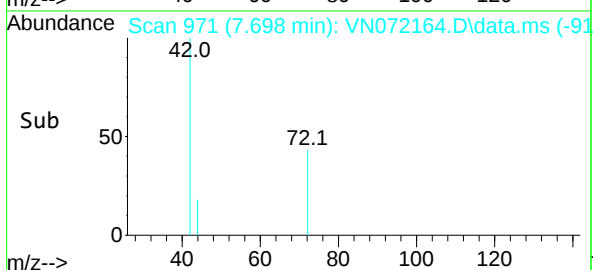
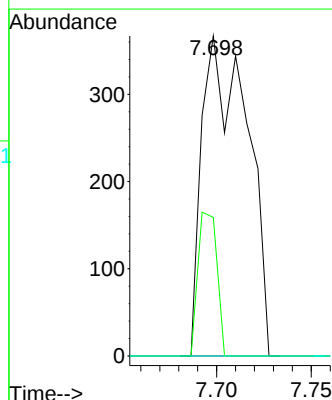
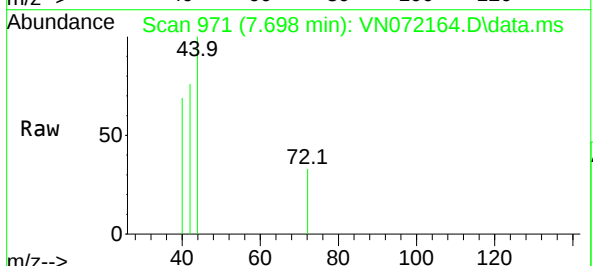
Tgt Ion: 42 Resp: 609

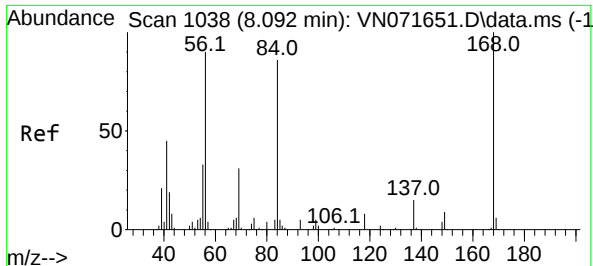
Ion Ratio Lower Upper

42 100

72 18.7 39.7 59.5#

71 0.0 36.6 55.0#





#31

Cyclohexane

Concen: 0.945 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

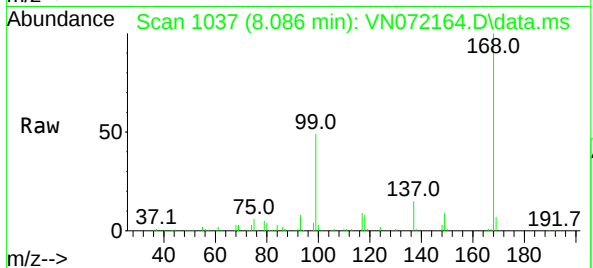
Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

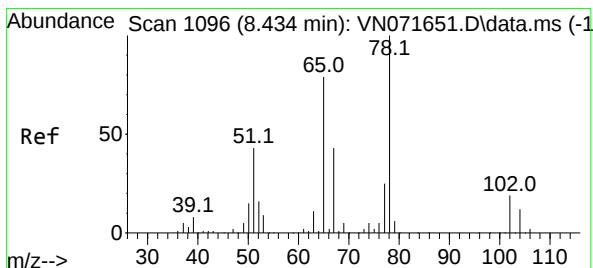
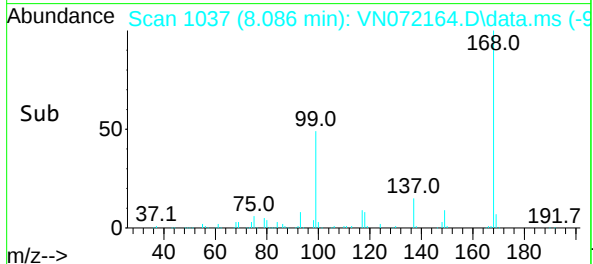
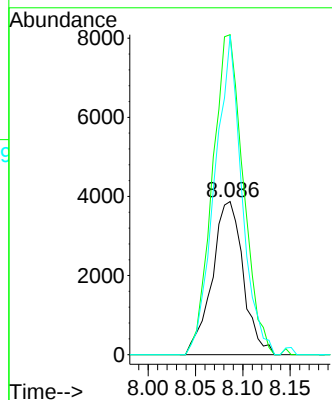
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MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	8830
Ion Ratio	100	Lower	Upper
56	100		
69	209.0	27.8	41.8#
84	208.3	76.9	115.3#



#33

1,2-Dichloroethane-d4

Concen: 46.538 ug/l

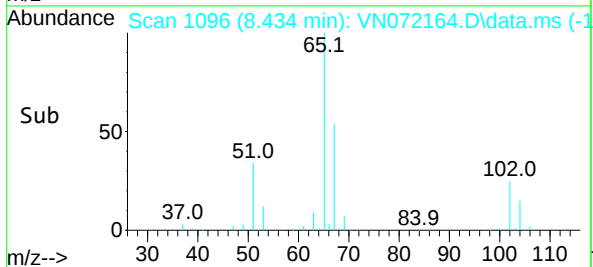
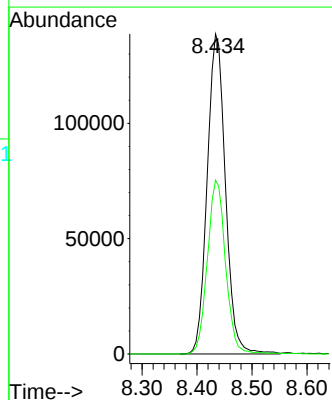
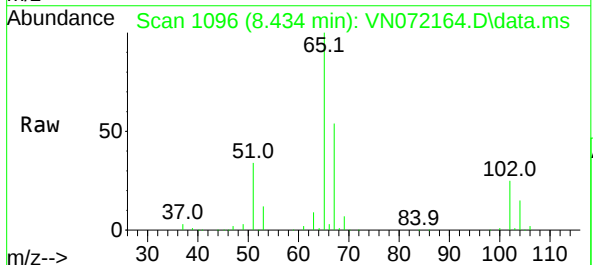
RT: 8.434 min Scan# 1096

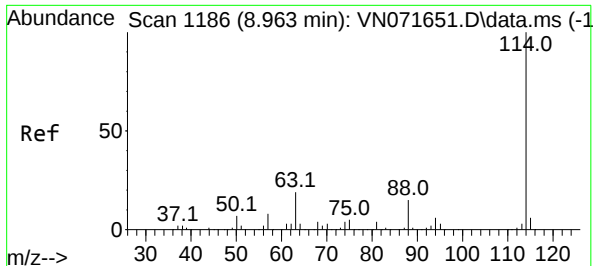
Delta R.T. -0.000 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

Tgt Ion:	65	Resp:	319851
Ion Ratio	100	Lower	Upper
65	100		
67	54.1	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: VN072164.D

Acq: 22 Apr 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

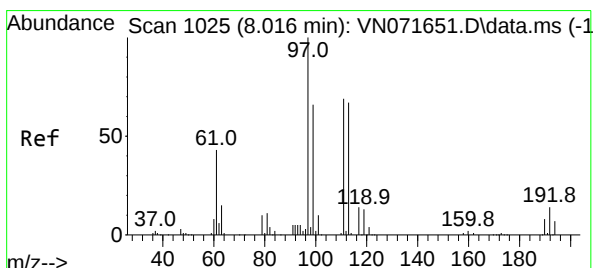
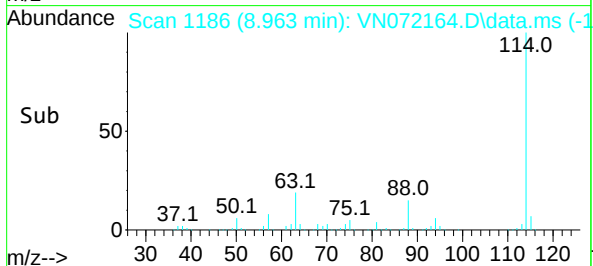
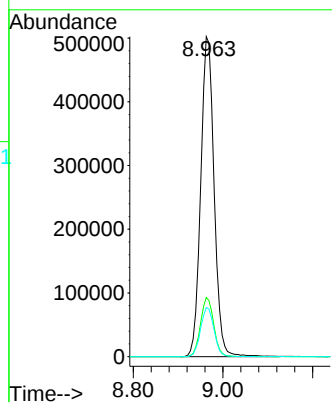
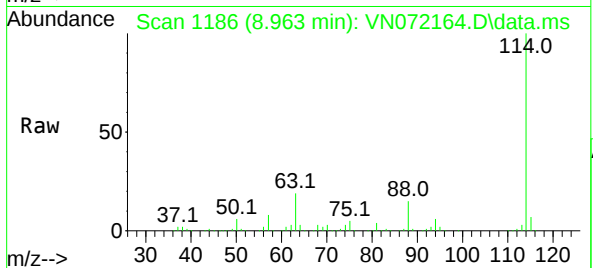
Tgt Ion:114 Resp: 1040983

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.221 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

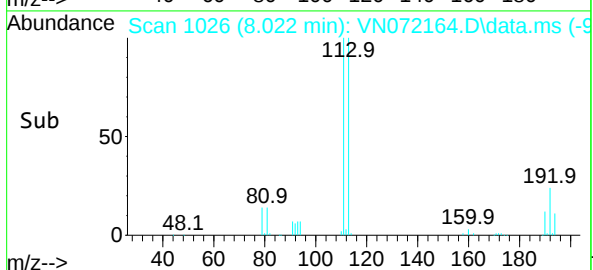
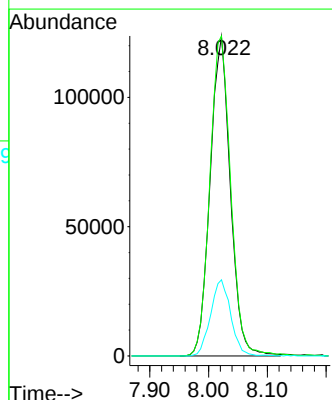
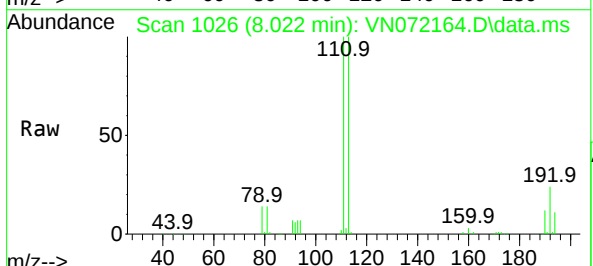
Tgt Ion:113 Resp: 295385

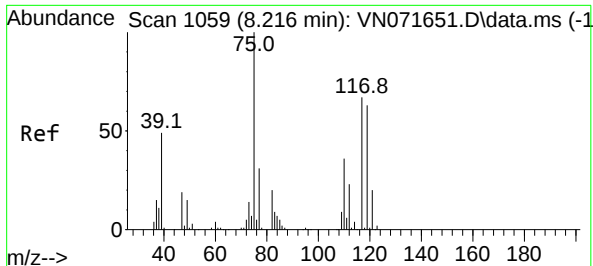
Ion Ratio Lower Upper

113 100

111 103.4 81.4 122.0

192 23.7 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.549 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.130 min

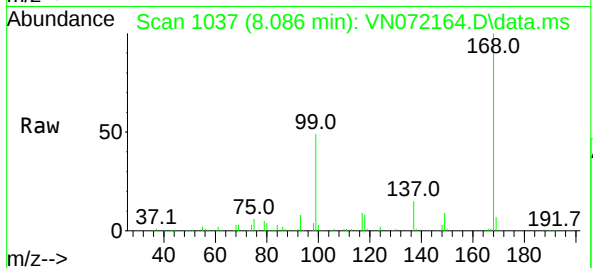
Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

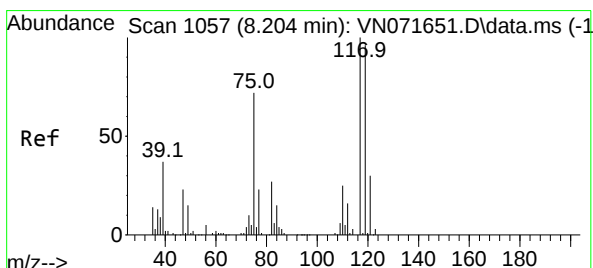
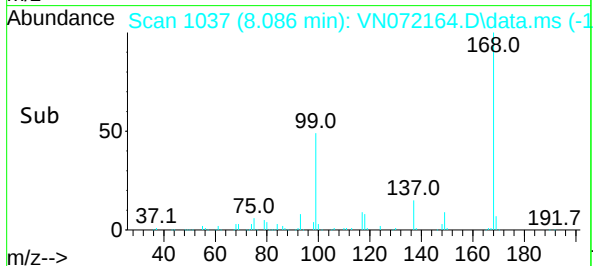
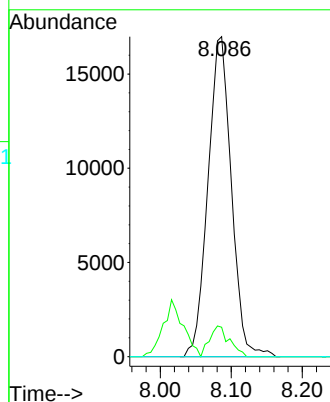
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 38911
Ion Ratio	Lower Upper
75	100
110	8.1 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.242 ug/l

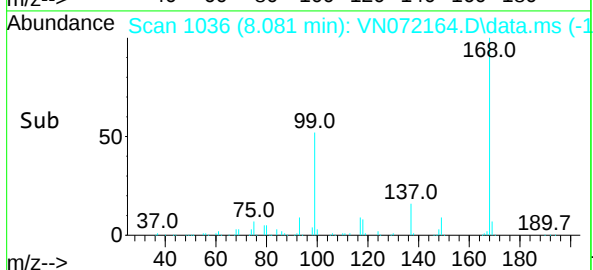
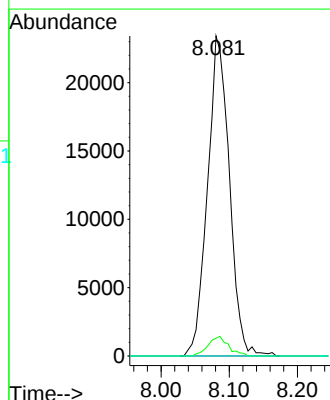
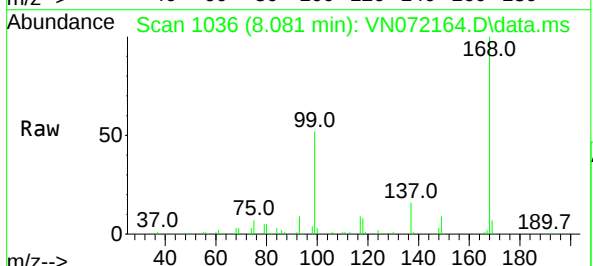
RT: 8.081 min Scan# 1036

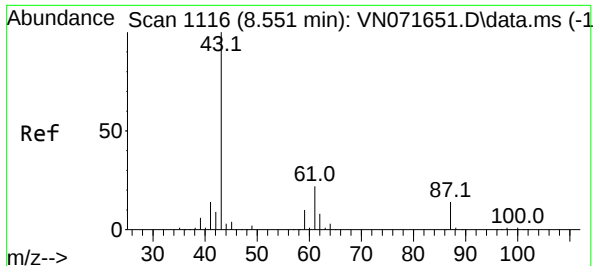
Delta R.T. -0.123 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

Tgt Ion: 117	Resp: 52334
Ion Ratio	Lower Upper
117	100
119	5.5 75.8 113.8#
121	0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 3.347 ug/l

RT: 8.563 min Scan# 1118

Delta R.T. 0.012 min

Lab File: VN072164.D

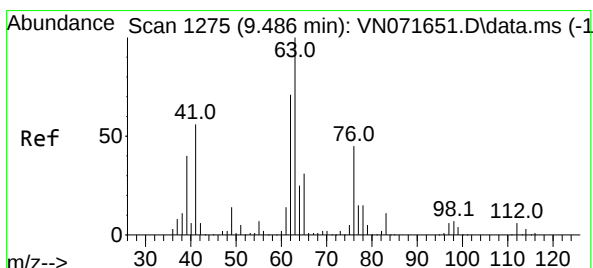
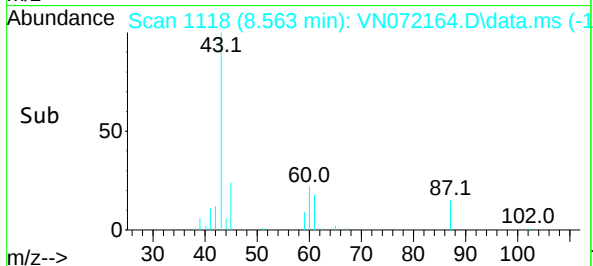
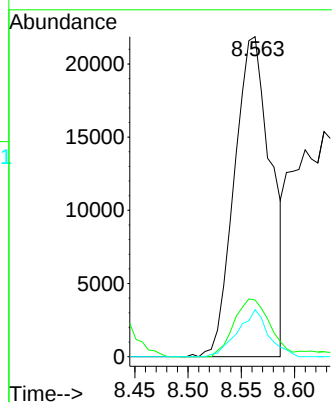
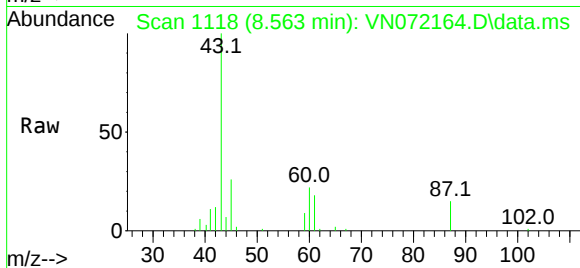
Acq: 22 Apr 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 43	Resp: 52125
Ion Ratio	Lower Upper
43	100
61	18.3 21.9 32.9#
87	12.4 12.0 18.0



#45

1,2-Dichloropropane

Concen: 0.447 ug/l

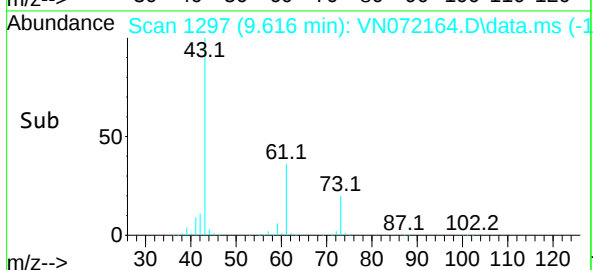
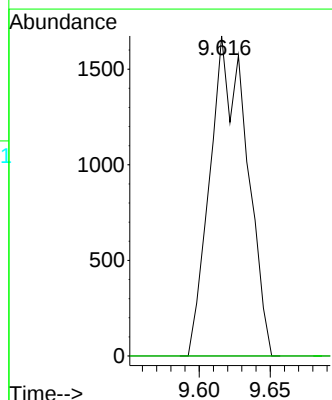
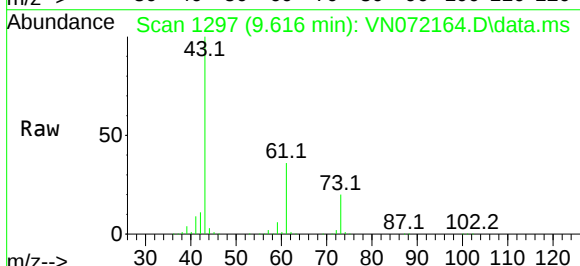
RT: 9.616 min Scan# 1297

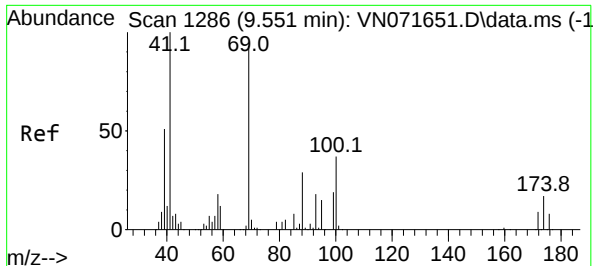
Delta R.T. 0.130 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

Tgt Ion: 63	Resp: 3015
Ion Ratio	Lower Upper
63	100
65	0.0 24.9 37.3#





#48

Methyl methacrylate

Concen: 1.597 ug/l

RT: 9.545 min Scan# 1285

Delta R.T. -0.006 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :

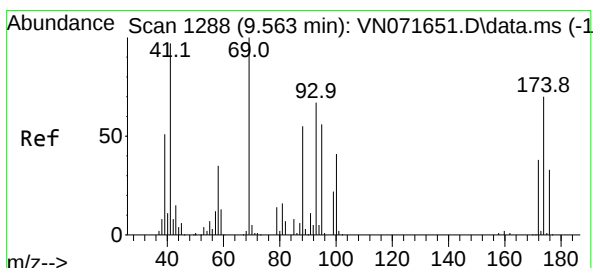
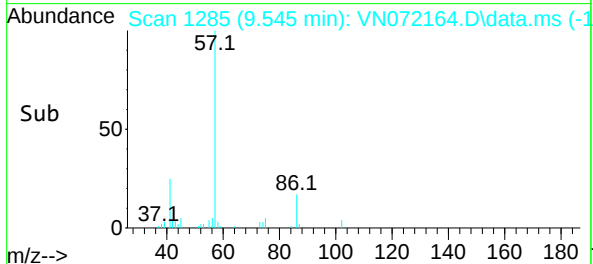
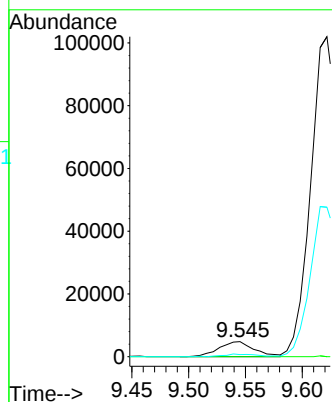
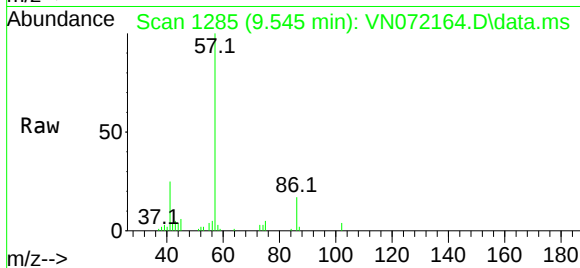
Tgt Ion: 41 Resp: 10317

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 0.0 45.6 68.4#



#49

1,4-Dioxane

Concen: Below Cal

RT: 9.604 min Scan# 1295

Delta R.T. 0.041 min

Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

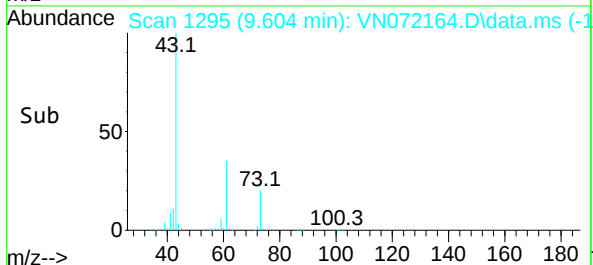
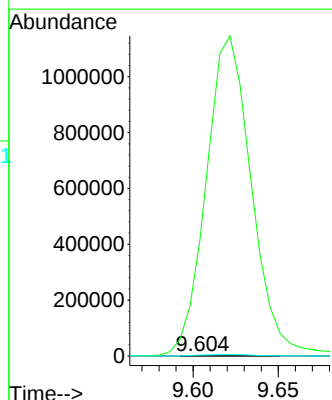
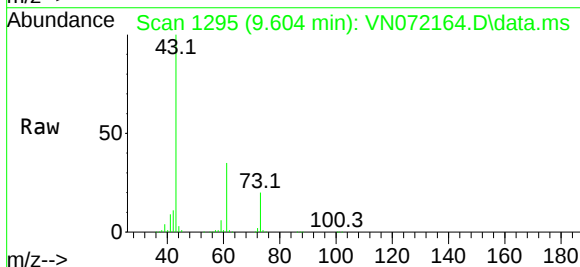
Tgt Ion: 88 Resp: 560

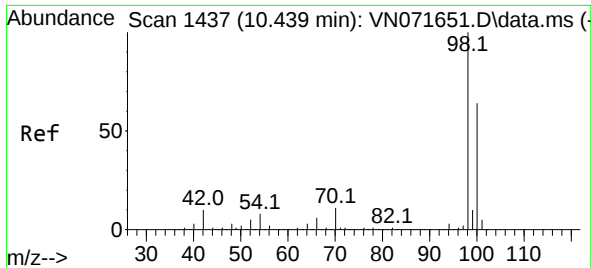
Ion Ratio Lower Upper

88 100

43 384051.3 20.2 30.4#

58 2124.8 54.2 81.4#

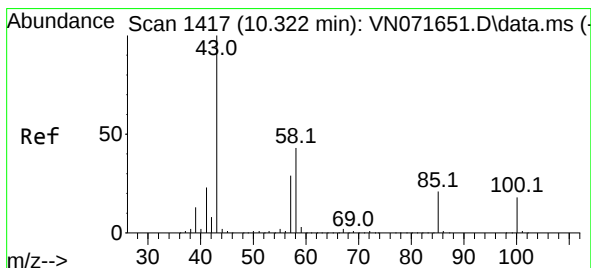
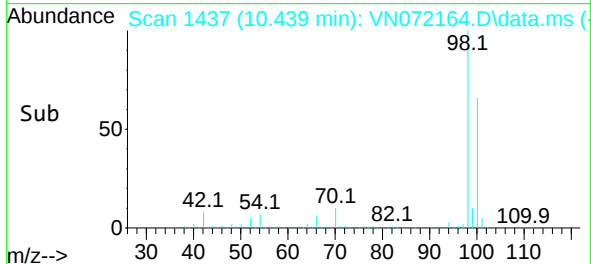
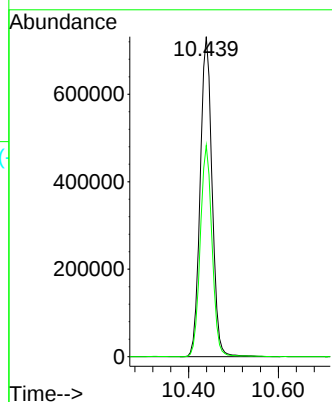
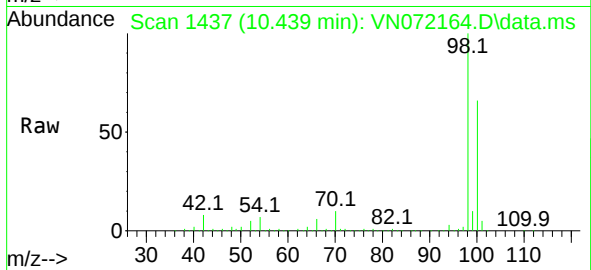




#50
Toluene-d8
Concen: 53.548 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

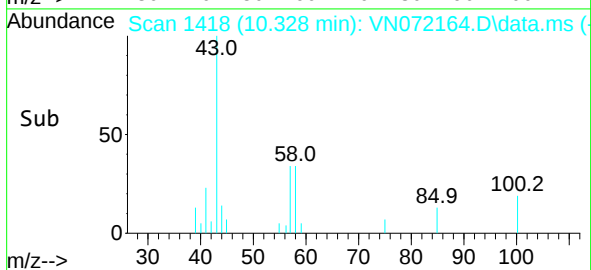
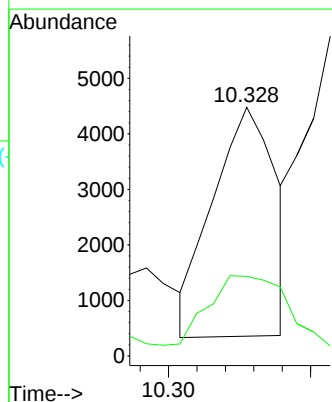
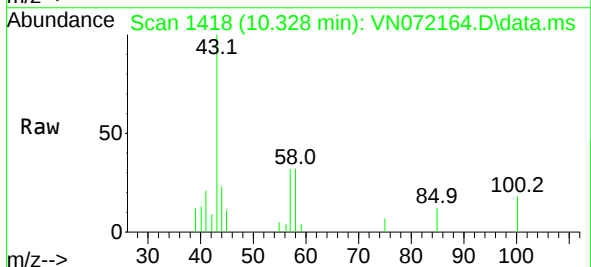
Instrument :
MSVOA_N
ClientSampleId :

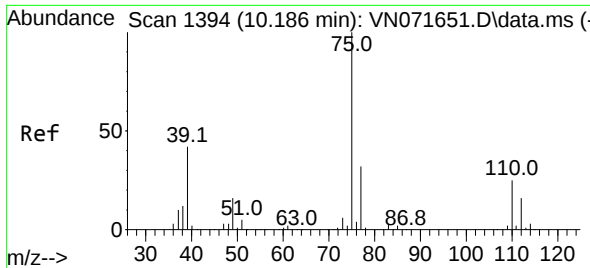
Tgt Ion: 98 Resp: 1341814
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.705 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Tgt Ion: 43 Resp: 6316
Ion Ratio Lower Upper
43 100
58 48.1 34.1 51.1

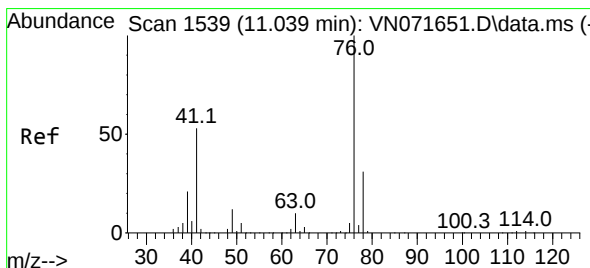
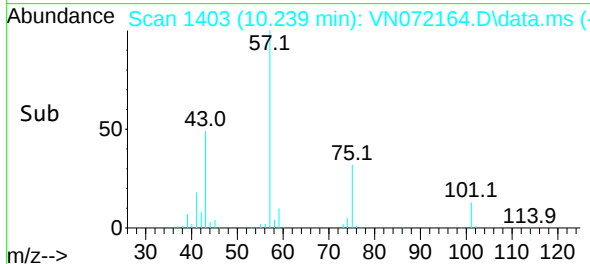
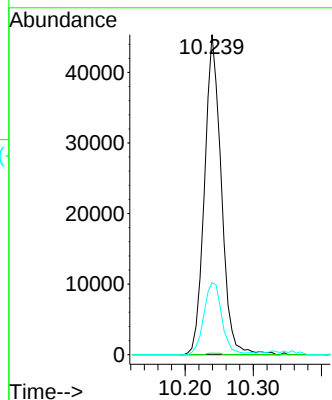
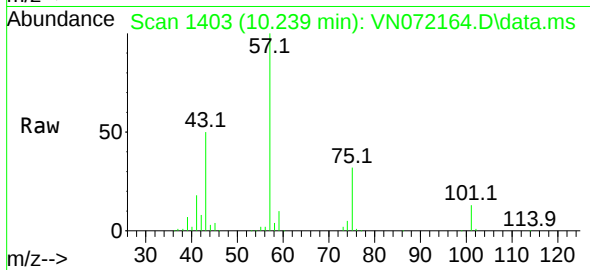




#54
cis-1,3-Dichloropropene
Concen: 7.428 ug/l
RT: 10.239 min Scan# 1403
Delta R.T. 0.053 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

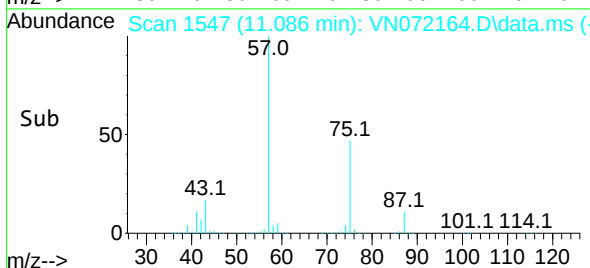
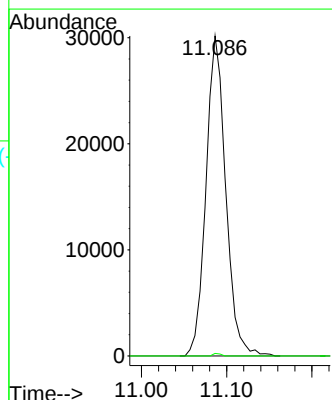
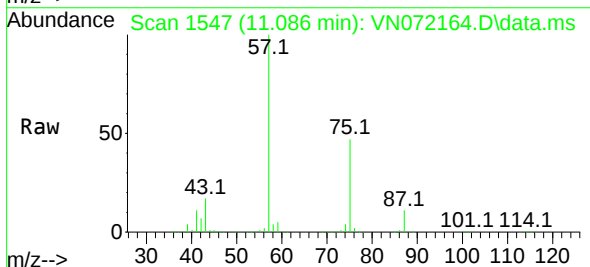
Instrument :
MSVOA_N
ClientSampleId :

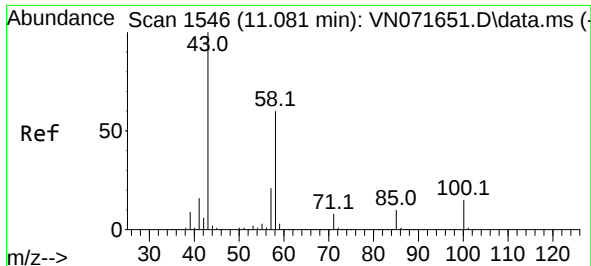
Tgt Ion: 75 Resp: 77613
Ion Ratio Lower Upper
75 100
77 0.5 25.2 37.8#
39 22.5 35.7 53.5#



#57
1,3-Dichloropropane
Concen: 4.127 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.047 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Tgt Ion: 76 Resp: 48512
Ion Ratio Lower Upper
76 100
78 0.3 26.2 39.2#

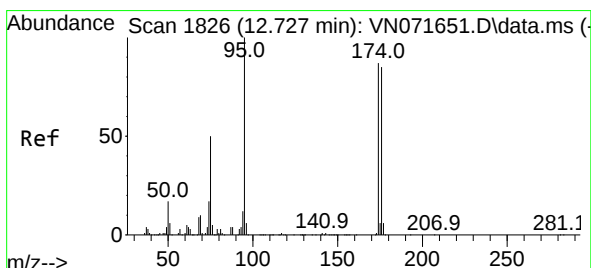
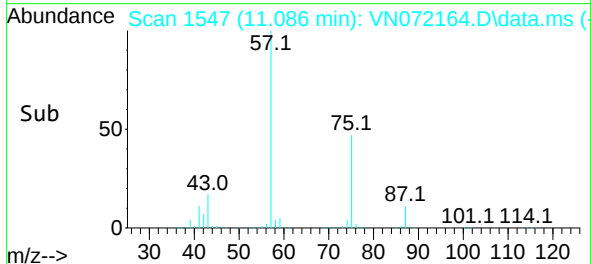
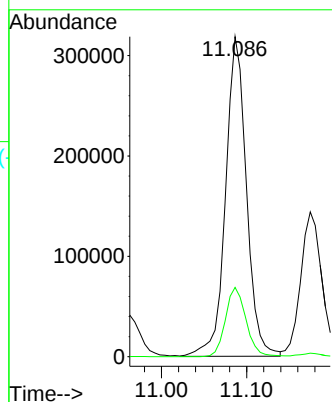
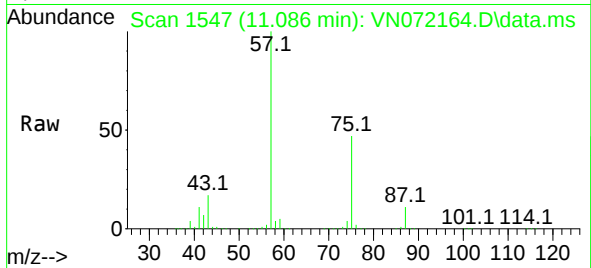




#59
2-Hexanone
Concen: 86.097 ug/l
RT: 11.086 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

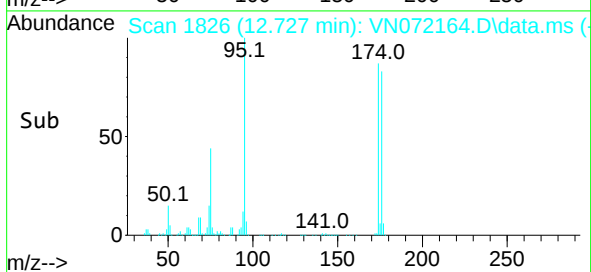
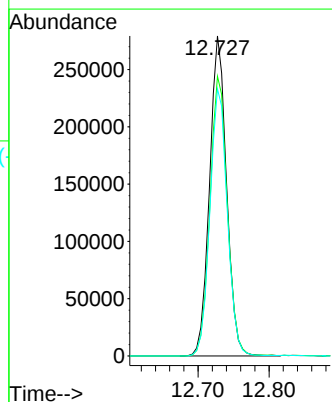
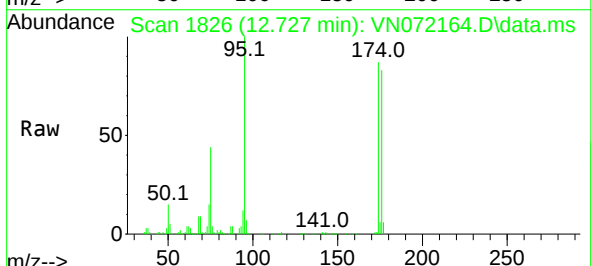
Instrument :
MSVOA_N
ClientSampleId :

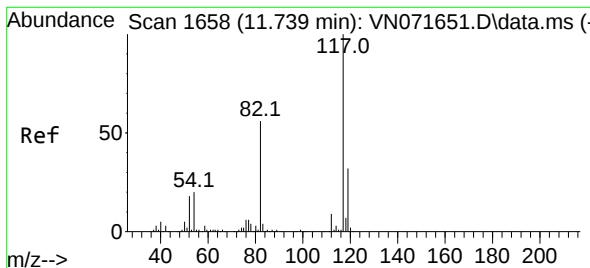
Tgt Ion: 43 Resp: 542748
Ion Ratio Lower Upper
43 100
58 21.4 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 57.386 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Tgt Ion: 95 Resp: 465068
Ion Ratio Lower Upper
95 100
174 89.1 0.0 167.6
176 85.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.739 min Scan# 1

Delta R.T. 0.000 min

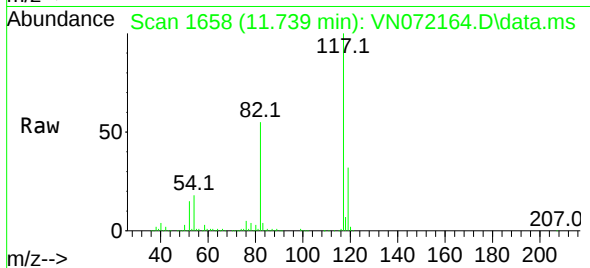
Lab File: VN072164.D

Acq: 22 Apr 2022 18:11

Instrument :

MSVOA_N

ClientSampleId :



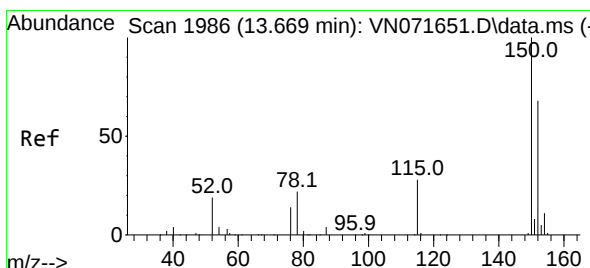
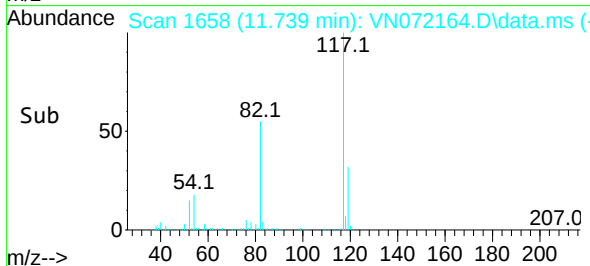
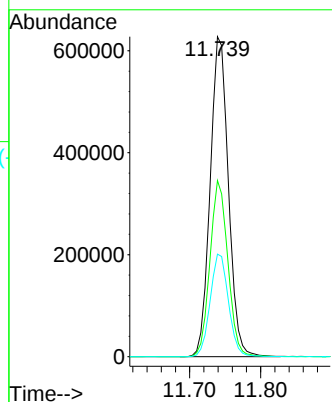
Tgt Ion:117 Resp: 1117606

Ion Ratio Lower Upper

117 100

82 55.1 44.2 66.2

119 32.0 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: VN072164.D

Acq: 22 Apr 2022 18:11

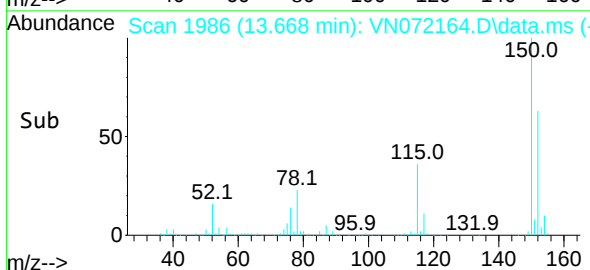
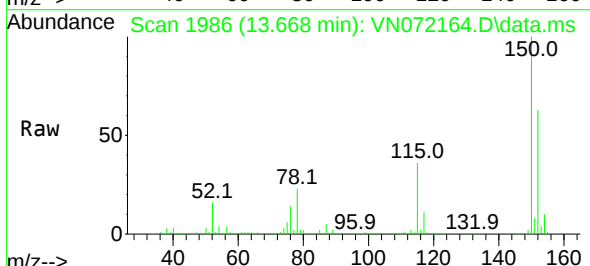
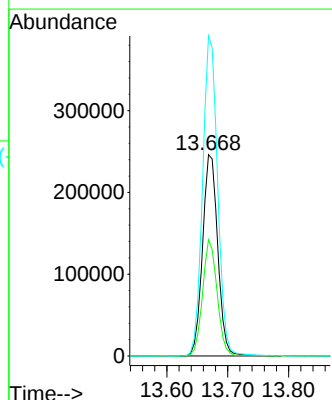
Tgt Ion:152 Resp: 426854

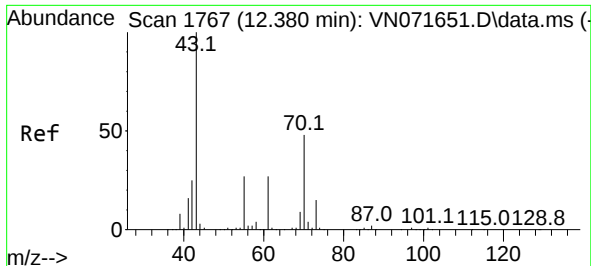
Ion Ratio Lower Upper

152 100

115 55.3 28.9 86.7

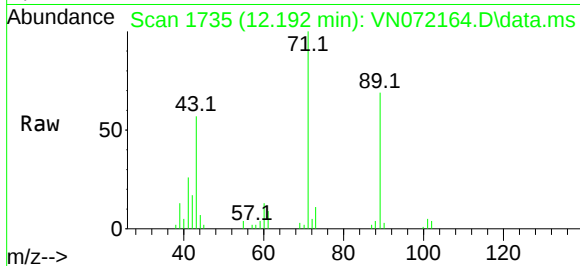
150 156.8 0.0 356.2



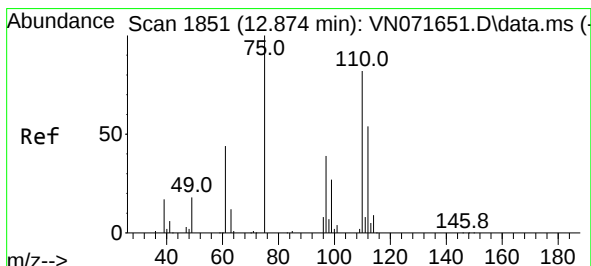
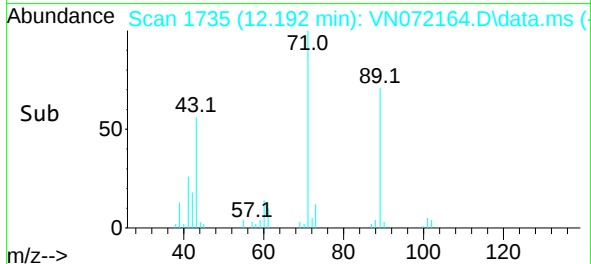
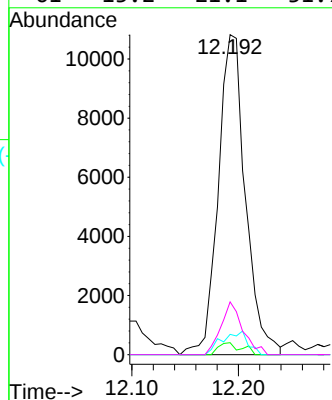


#74
N-amy1 acetate
Concen: 1.864 ug/l
RT: 12.192 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :

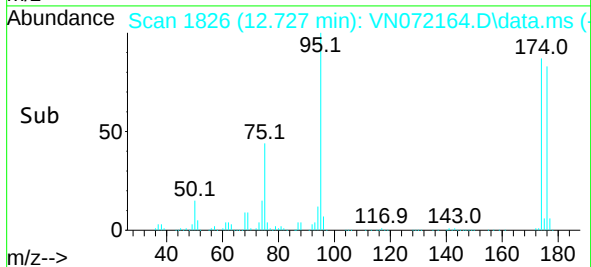
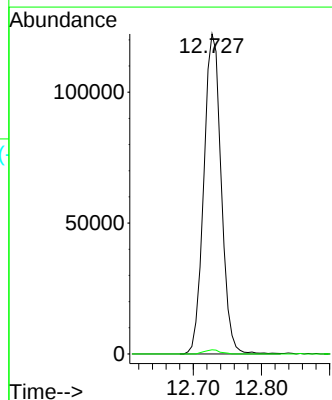
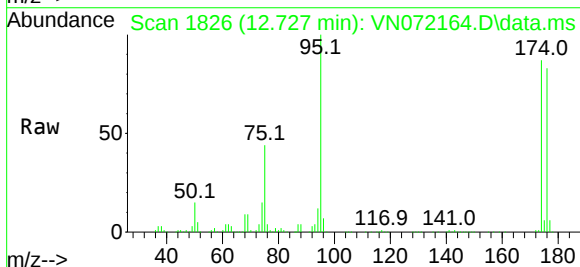


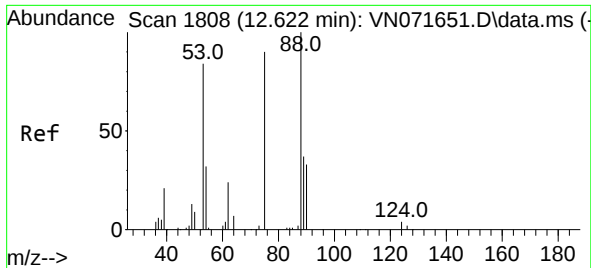
Tgt Ion: 43 Resp: 19209
Ion Ratio Lower Upper
43 100
70 3.1 39.0 58.4#
55 6.9 21.1 31.7#
61 13.2 21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 21.916 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Tgt Ion: 75 Resp: 216716
Ion Ratio Lower Upper
75 100
77 1.2 98.5 295.5#

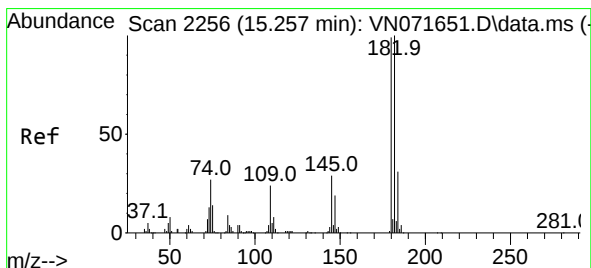
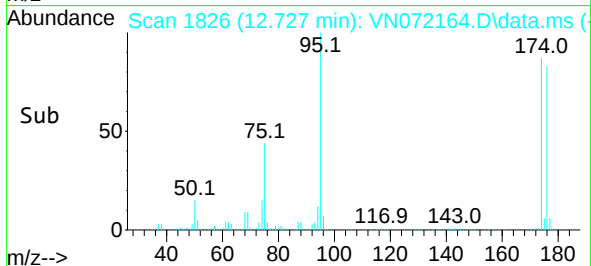
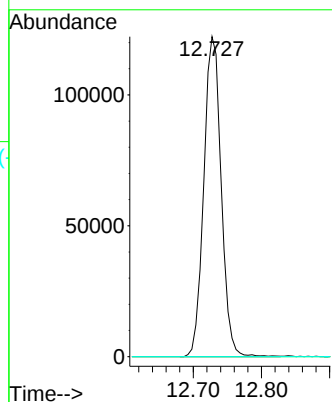
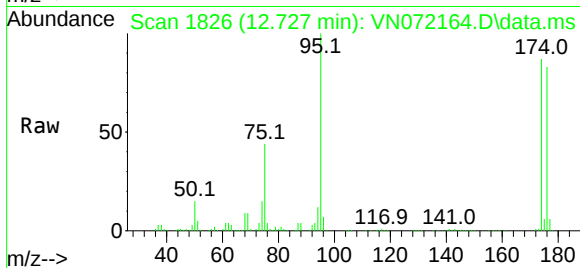




#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.917 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.105 min
 Lab File: VN072164.D
 Acq: 22 Apr 2022 18:11

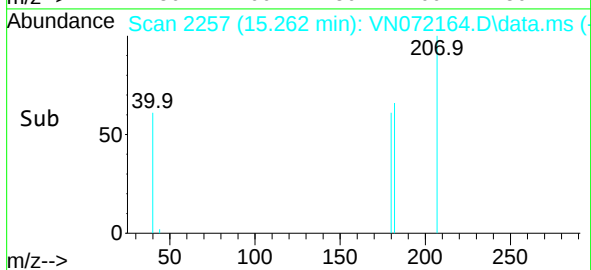
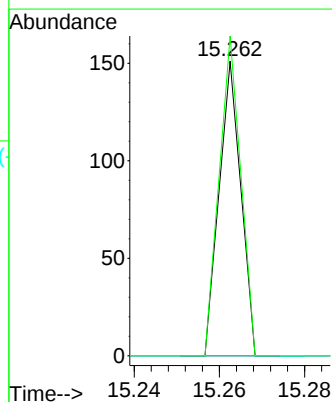
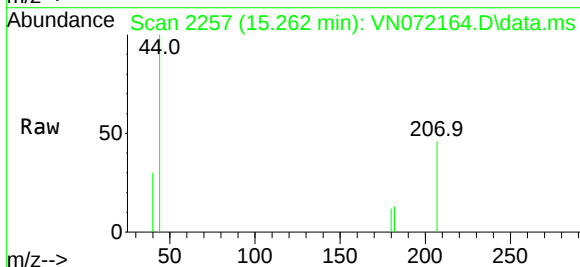
Instrument :
 MSVOA_N
 ClientSampleId :

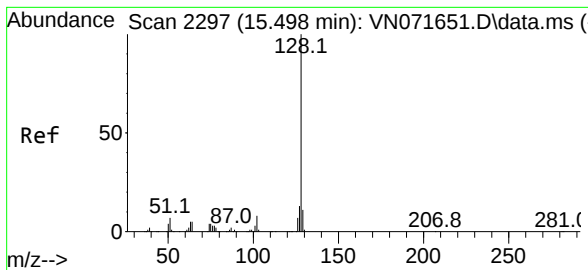
Tgt Ion: 75 Resp: 216716
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#93
 1,2,4-Trichlorobenzene
 Concen: 2.093 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.005 min
 Lab File: VN072164.D
 Acq: 22 Apr 2022 18:11

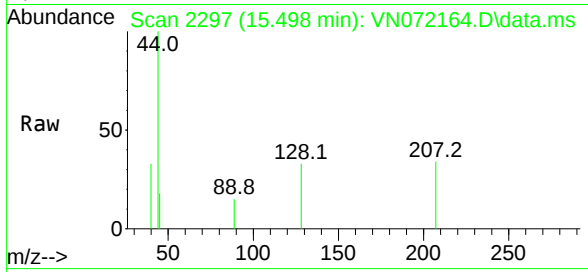
Tgt Ion:180 Resp: 53
 Ion Ratio Lower Upper
 180 100
 182 109.4 47.5 142.5
 145 0.0 14.5 43.5#





#95
Naphthalene
Concen: 3.831 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072164.D
Acq: 22 Apr 2022 18:11

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:	128	Resp:	584
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.6	13.0#

