

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072073.D
 Acq On : 20 Apr 2022 13:04
 Operator : JC\MD
 Sample : N2452-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 20 15:36:06 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	483175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	753370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	694182	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	271353	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	271506	49.221	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.440%
35) Dibromofluoromethane	8.016	113	232294	52.399	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.800%
50) Toluene-d8	10.439	98	905078	49.908	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.820%
62) 4-Bromofluorobenzene	12.727	95	282710	48.202	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.400%

Target Compounds				Qvalue		
3) Chloromethane	2.299	50	1949	0.400	ug/l	93
5) Bromomethane	2.863	94	1255	0.361	ug/l	96
11) Tert butyl alcohol	5.357	59	1524	1.702	ug/l #	72
13) Acrolein	4.057	56	763	0.699	ug/l #	26
14) Allyl chloride	5.104	41	8402	1.298	ug/l #	24
16) Acetone	4.287	43	80832	34.289	ug/l	91
17) Carbon Disulfide	4.528	76	3741	0.409	ug/l #	75
20) Methylene Chloride	5.092	84	310591	62.510	ug/l	96
25) 2-Butanone	7.328	43	13016	3.830	ug/l	98
31) Cyclohexane	8.086	56	12596	1.679	ug/l #	30
36) 1,1-Dichloropropene	8.080	75	31467	5.083	ug/l #	49
38) Carbon Tetrachloride	8.080	117	42440	6.995	ug/l #	17
39) Methylcyclohexane	9.451	83	11803	1.602	ug/l	94
40) Benzene	8.451	78	3935	0.201	ug/l #	84
43) Isopropyl Acetate	8.557	43	58390	5.181	ug/l #	86
48) Methyl methacrylate	9.539	41	13864	2.965	ug/l #	10
49) 1,4-Dioxane	9.616	88	491	Below Cal	#	1
51) 4-Methyl-2-Pentanone	10.327	43	8904	1.374	ug/l #	63
52) Toluene	10.504	92	16236	1.313	ug/l	93
54) cis-1,3-Dichloropropene	10.239	75	82065	10.853	ug/l #	56
55) 1,1,2-Trichloroethane	10.863	97	2063	0.405	ug/l #	16
57) 1,3-Dichloropropane	11.086	76	52047	6.118	ug/l #	43
58) 2-Chloroethyl Vinyl ether	10.045	63	383	17.126	ug/l #	44
59) 2-Hexanone	11.086	43	620816	136.078	ug/l #	49
65) Chlorobenzene	11.763	112	7673	0.552	ug/l	96
67) Ethyl Benzene	11.839	91	102180	4.342	ug/l	98
68) m/p-Xylenes	11.945	106	271070	29.982	ug/l	100
69) o-Xylene	12.274	106	192058	21.402	ug/l	98
70) Styrene	12.274	104	11171	0.822	ug/l #	1
73) Isopropylbenzene	12.574	105	81625	3.570	ug/l	100
74) N-amyl acetate	12.351	43	4606	0.703	ug/l #	39
76) 1,2,3-Trichloropropane	12.727	75	134483	21.394	ug/l #	1
78) n-propylbenzene	12.915	91	96704	4.020	ug/l	99
79) 2-Chlorotoluene	12.980	91	44266	2.870	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.051	105	334049	18.438	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.727	75	134483	66.298	ug/l #	10

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

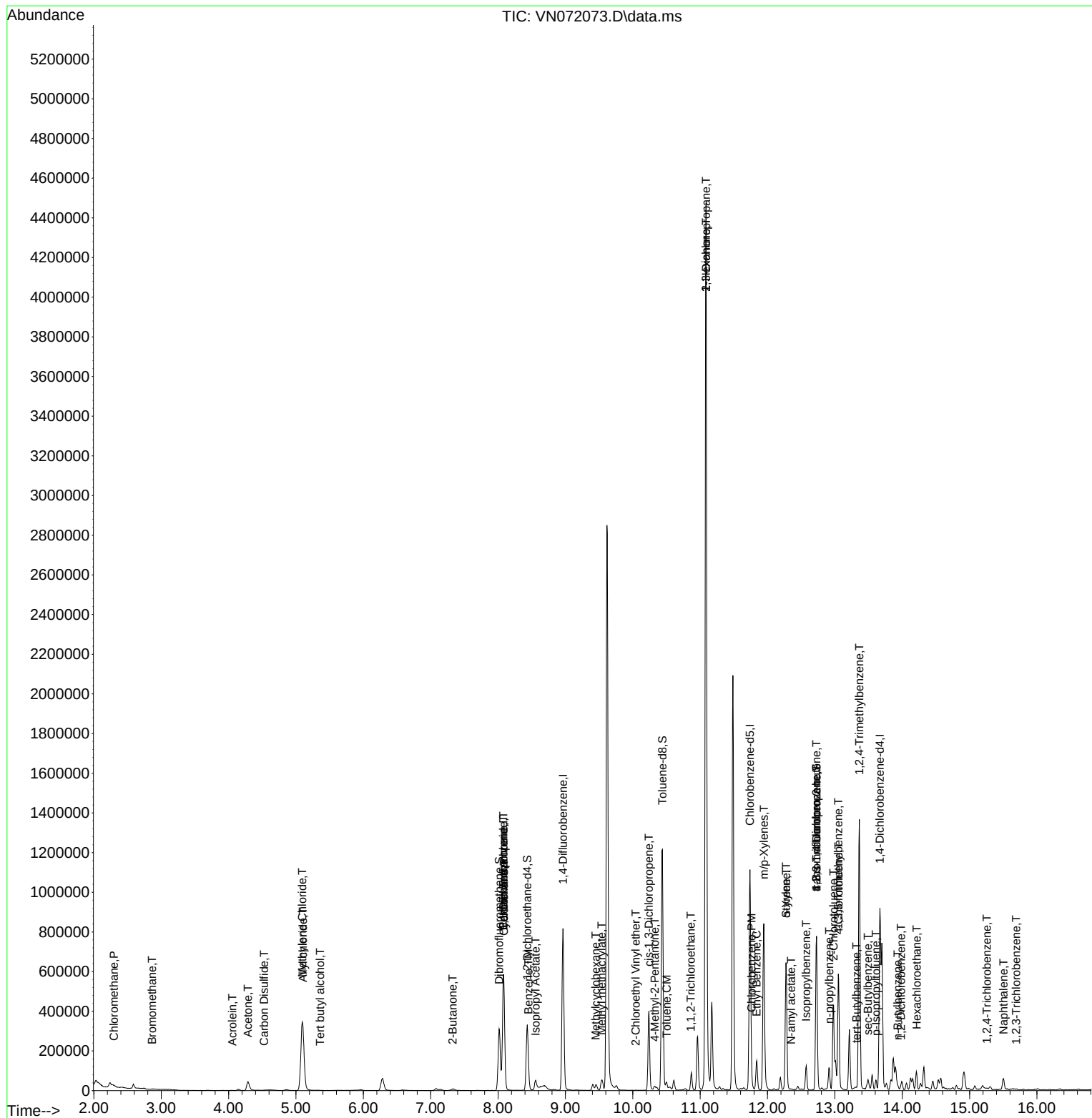
82) 4-Chlorotoluene	13.057	91	31439	2.199	ug/l #	40
83) tert-Butylbenzene	13.321	119	6514	0.393	ug/l	94
84) 1,2,4-Trimethylbenzene	13.363	105	806588	45.630	ug/l	100
85) sec-Butylbenzene	13.492	105	28290	1.318	ug/l #	74
86) p-Isopropyltoluene	13.610	119	23121	1.351	ug/l	95
89) n-Butylbenzene	13.933	91	8193	0.645	ug/l #	57
90) Hexachloroethane	14.215	117	5638	1.799	ug/l #	9
91) 1,2-Dichlorobenzene	13.980	146	7393	0.825	ug/l	99
93) 1,2,4-Trichlorobenzene	15.256	180	2116	2.555	ug/l #	87
95) Naphthalene	15.504	128	60721	8.343	ug/l	98
96) 1,2,3-Trichlorobenzene	15.692	180	2353	2.949	ug/l #	78

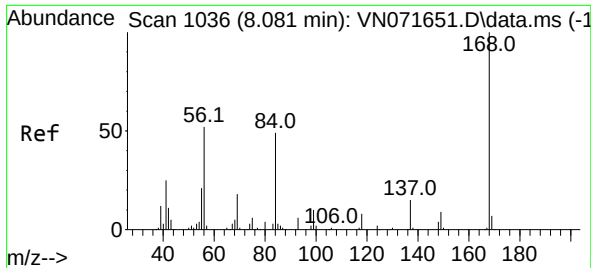
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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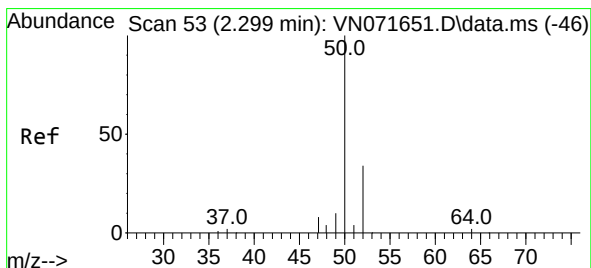
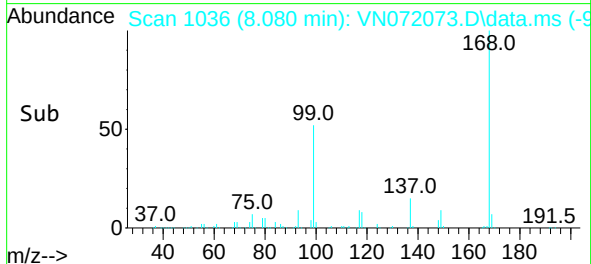
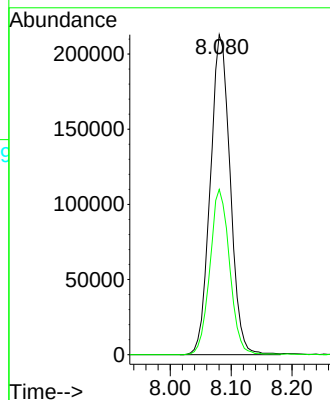
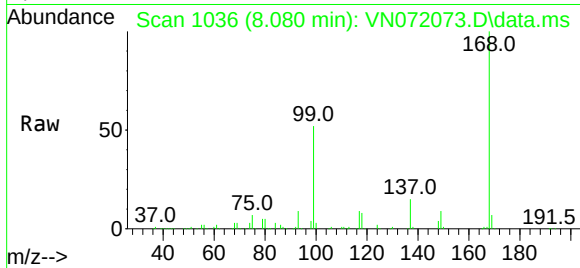




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

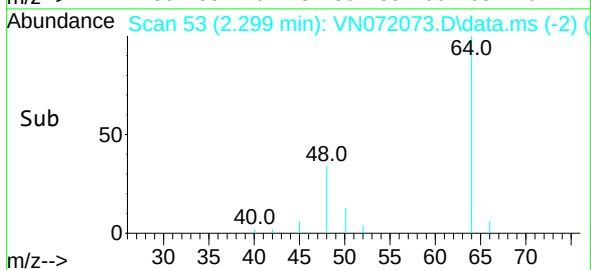
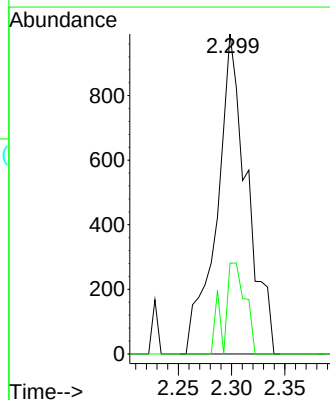
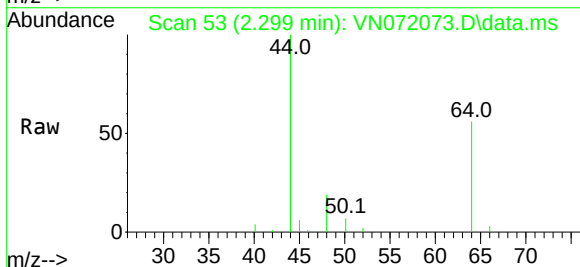
Instrument :
MSVOA_N
ClientSampleId :

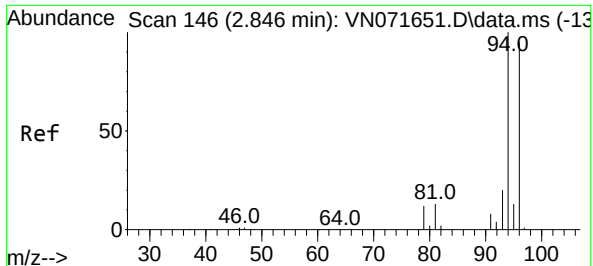
Tgt Ion:168 Resp: 483175
Ion Ratio Lower Upper
168 100
99 51.6 42.3 63.5



#3
Chloromethane
Concen: 0.400 ug/l
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 50 Resp: 1949
Ion Ratio Lower Upper
50 100
52 28.4 25.7 38.5

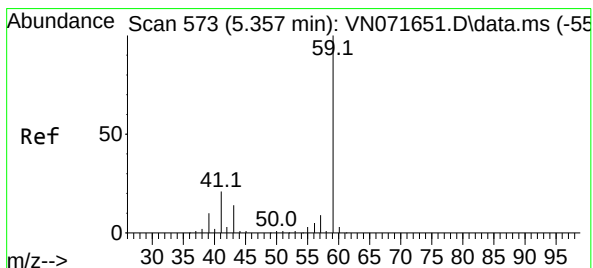
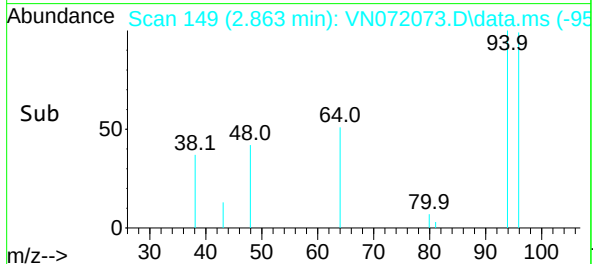
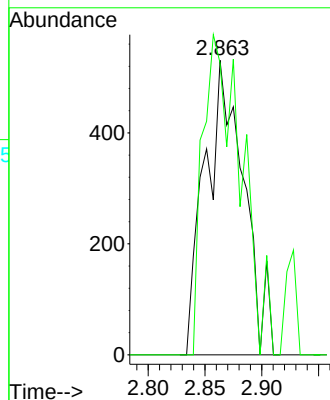
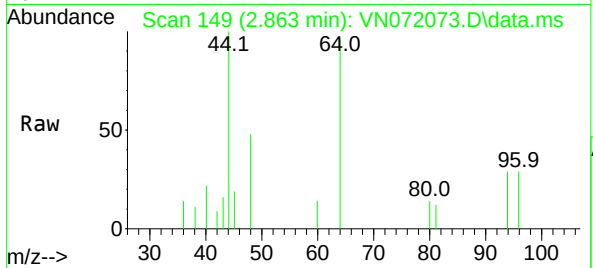




#5
Bromomethane
Concen: 0.361 ug/l
RT: 2.863 min Scan# 146
Delta R.T. 0.017 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

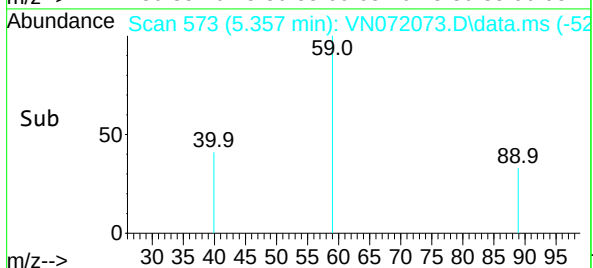
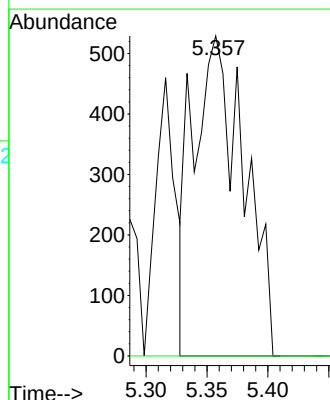
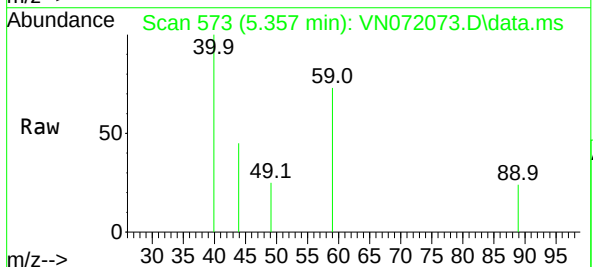
Instrument :
MSVOA_N
ClientSampleId :

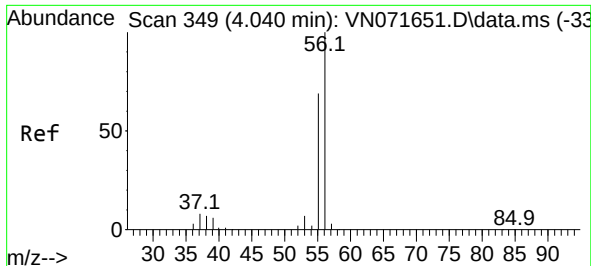
Tgt Ion: 94 Resp: 1255
Ion Ratio Lower Upper
94 100
96 99.1 76.0 114.0



#11
Tert butyl alcohol
Concen: 1.702 ug/l
RT: 5.357 min Scan# 573
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

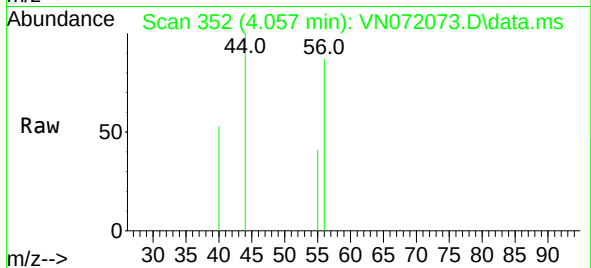
Tgt Ion: 59 Resp: 1524
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



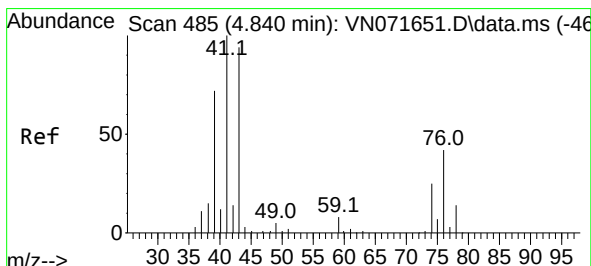
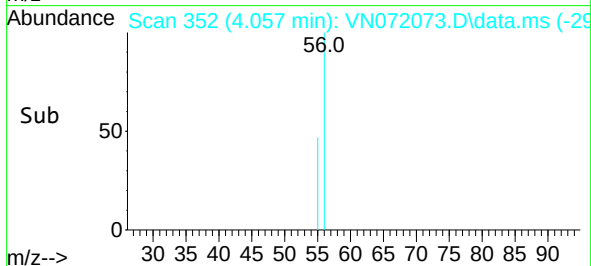
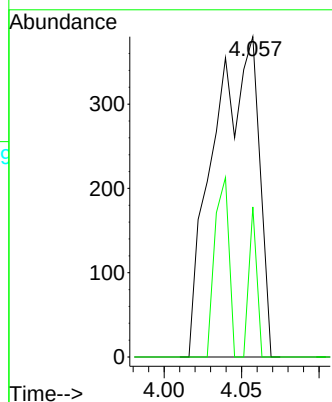


#13
Acrolein
Concen: 0.699 ug/l
RT: 4.057 min Scan# 31
Delta R.T. 0.017 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :

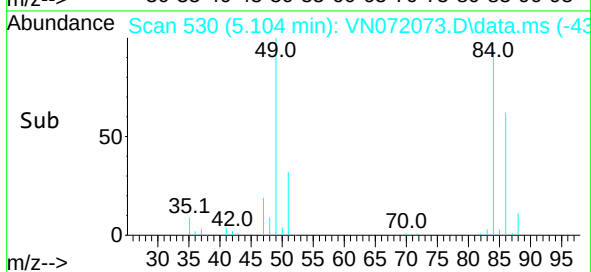
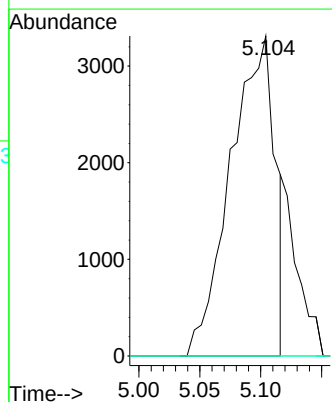
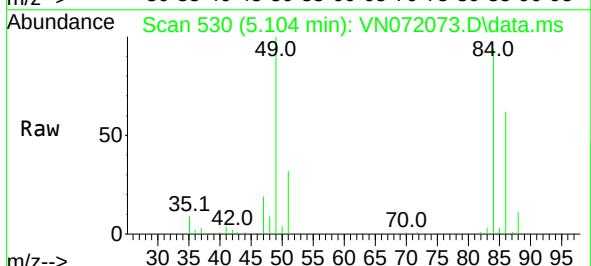


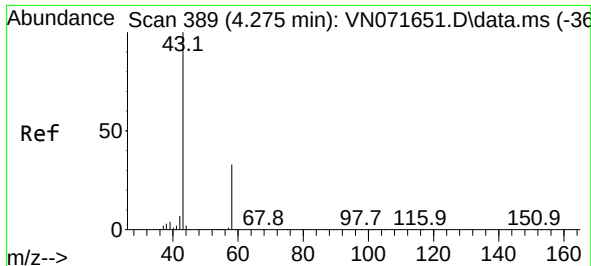
Tgt Ion: 56 Resp: 763
Ion Ratio Lower Upper
56 100
55 8.3 54.8 82.2#



#14
Allyl chloride
Concen: 1.298 ug/l
RT: 5.104 min Scan# 530
Delta R.T. 0.264 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 41 Resp: 8402
Ion Ratio Lower Upper
41 100
39 0.0 53.2 79.8#
76 0.0 29.9 44.9#

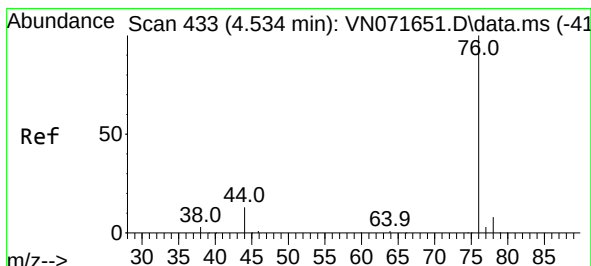
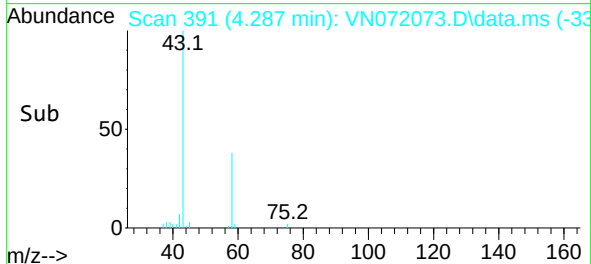
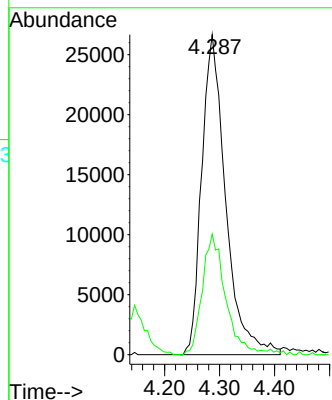
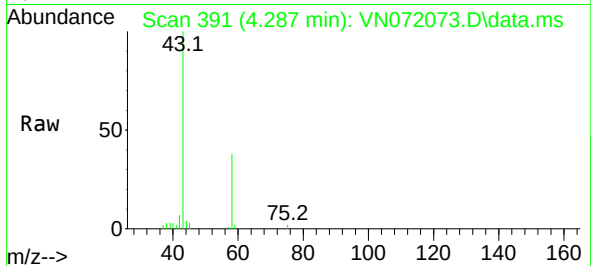




#16
Acetone
Concen: 34.289 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

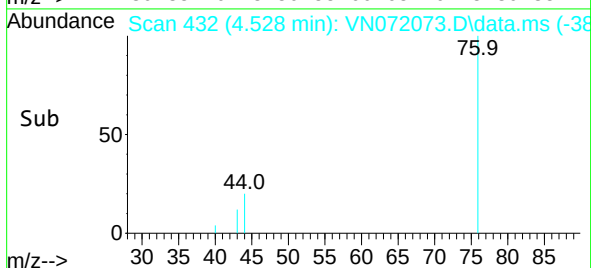
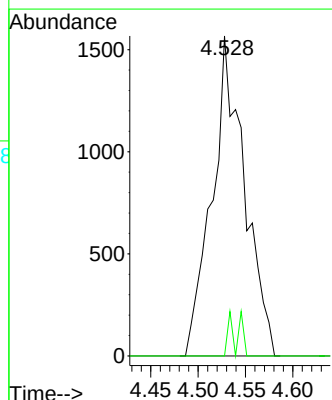
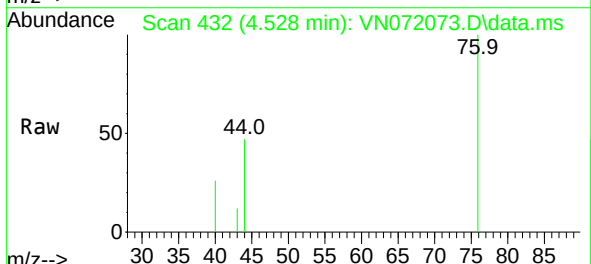
Instrument :
MSVOA_N
ClientSampleId :

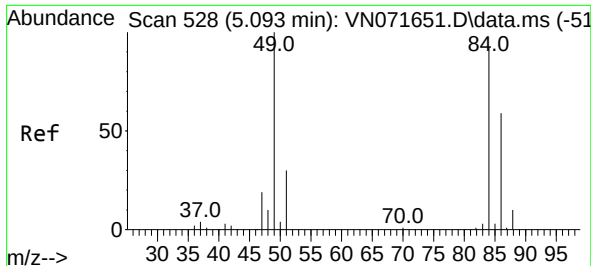
Tgt Ion: 43 Resp: 80832
Ion Ratio Lower Upper
43 100
58 37.7 26.0 39.0



#17
Carbon Disulfide
Concen: 0.409 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

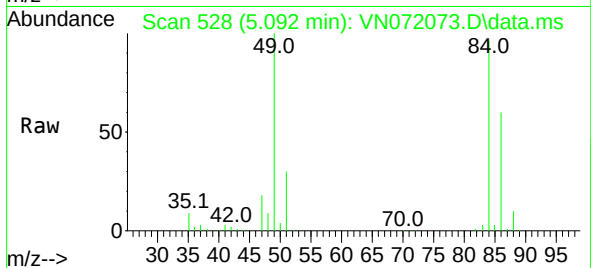
Tgt Ion: 76 Resp: 3741
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





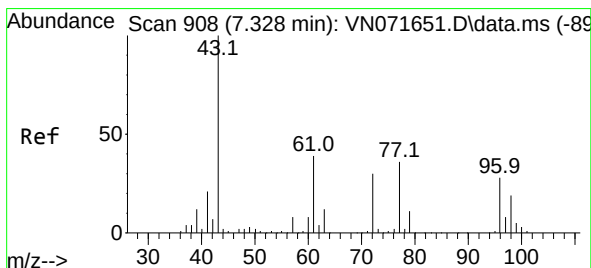
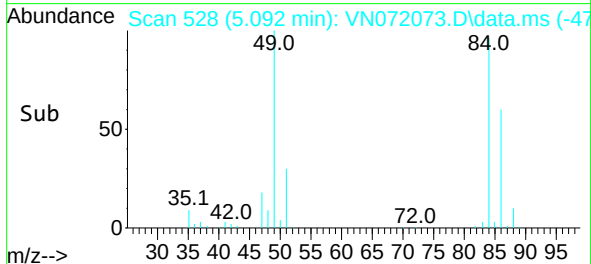
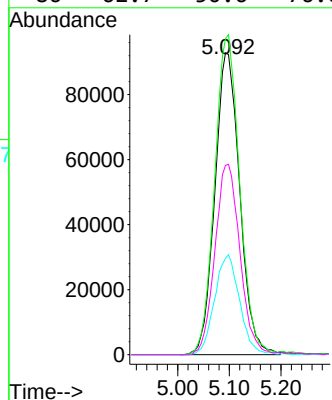
#20
Methylene Chloride
Concen: 62.510 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 310591

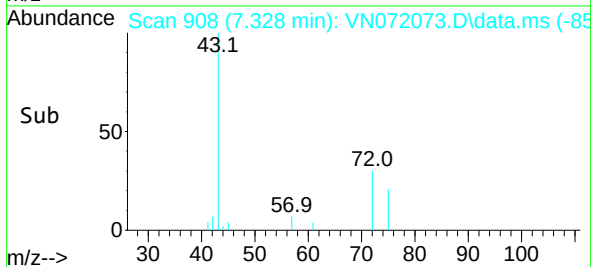
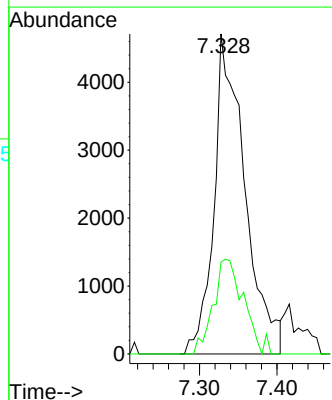
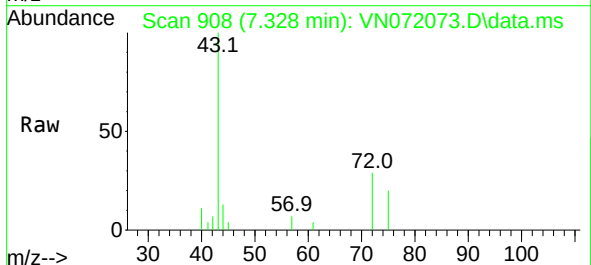
Ion	Ratio	Lower	Upper
84	100		
49	104.7	88.3	132.5
51	31.9	28.2	42.2
86	62.7	50.6	76.0

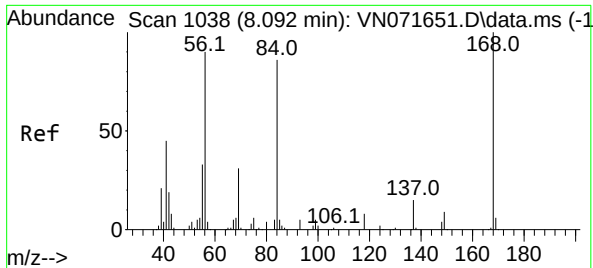


#25
2-Butanone
Concen: 3.830 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 43 Resp: 13016

Ion	Ratio	Lower	Upper
43	100		
72	28.7	23.7	35.5





#31

Cyclohexane

Concen: 1.679 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

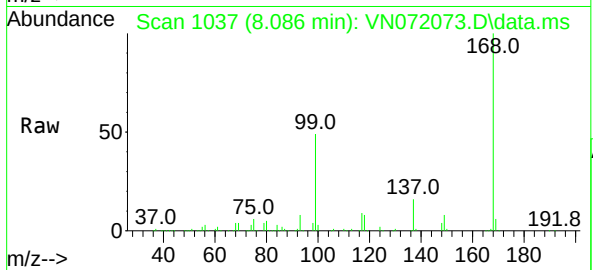
Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

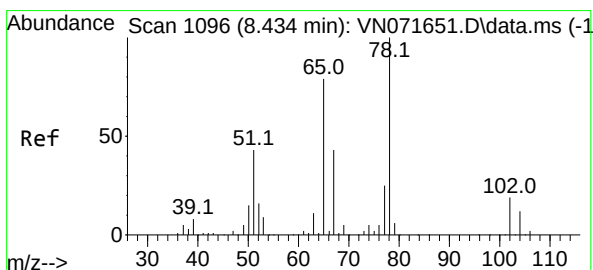
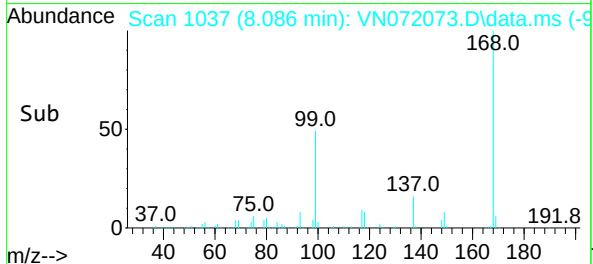
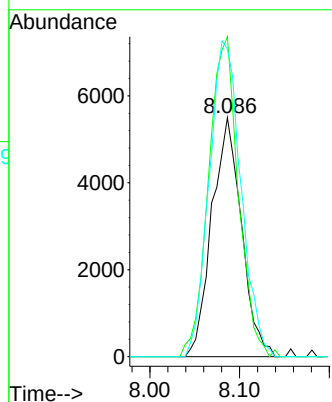
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	12596
Ion Ratio	100	Lower	Upper
56	100		
69	133.9	27.8	41.8#
84	128.7	76.9	115.3#



#33

1,2-Dichloroethane-d4

Concen: 49.221 ug/l

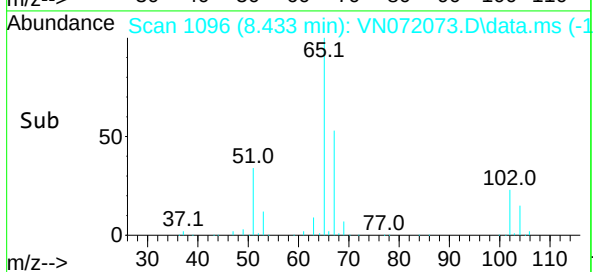
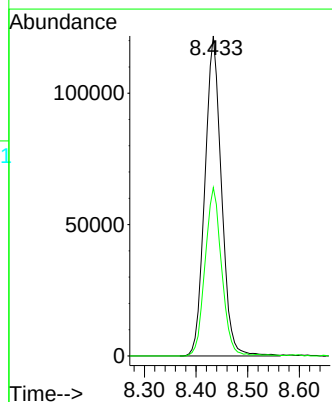
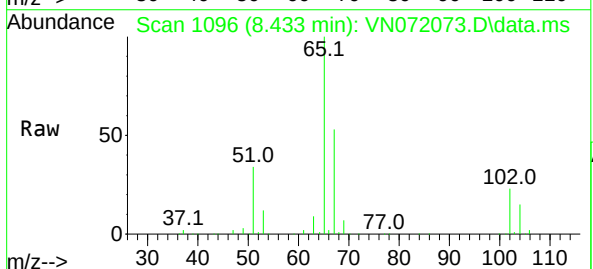
RT: 8.433 min Scan# 1096

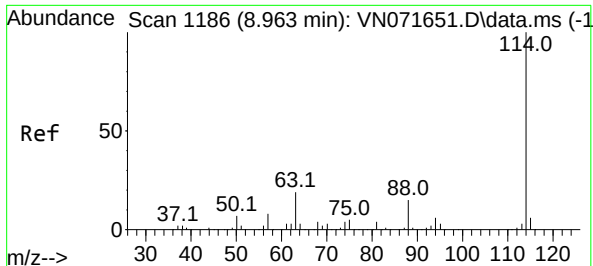
Delta R.T. -0.001 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

Tgt Ion:	65	Resp:	271506
Ion Ratio	100	Lower	Upper
65	100		
67	52.4	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: VN072073.D

Acq: 20 Apr 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

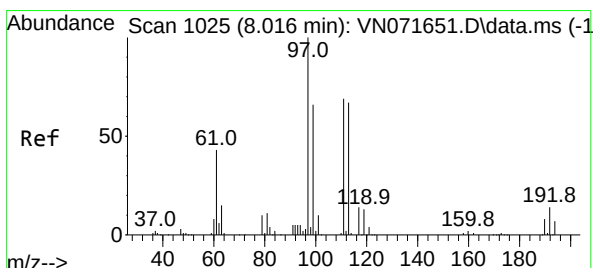
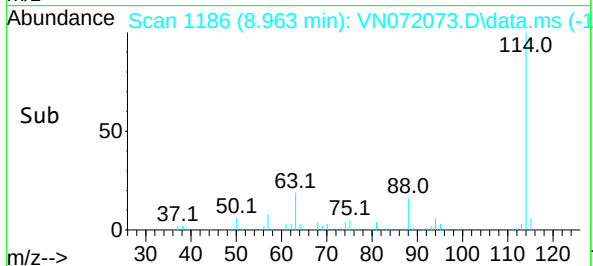
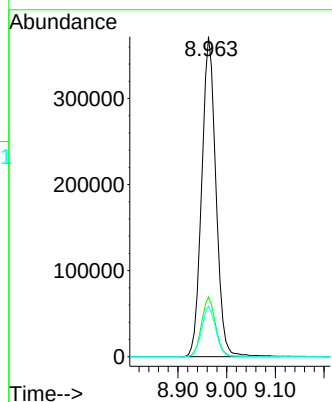
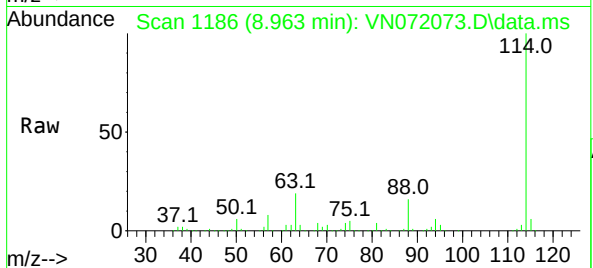
Tgt Ion:114 Resp: 753370

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.399 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

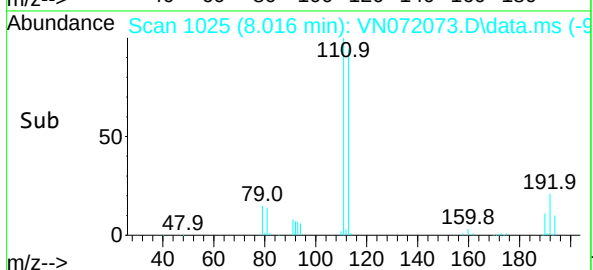
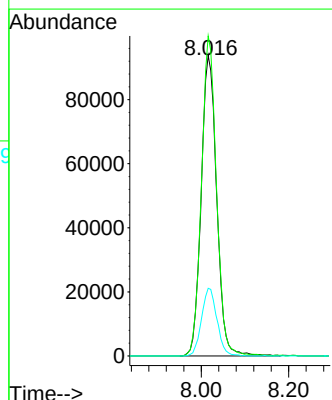
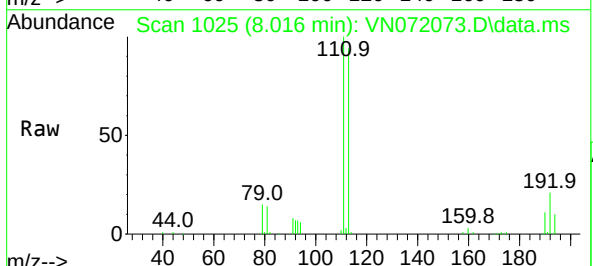
Tgt Ion:113 Resp: 232294

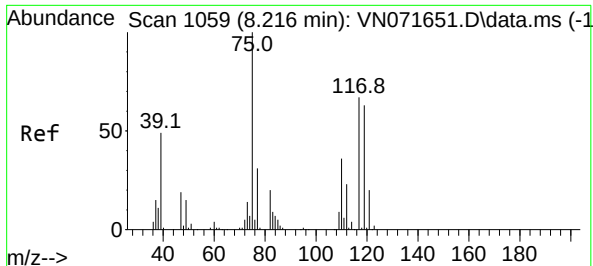
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 22.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.083 ug/l

RT: 8.080 min Scan# 1036

Delta R.T. -0.136 min

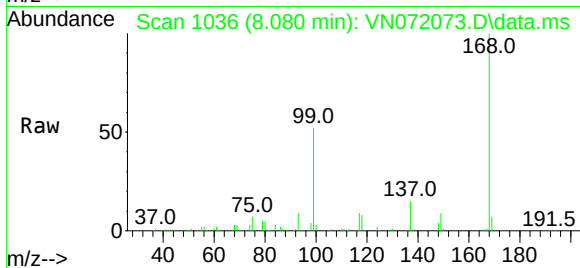
Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

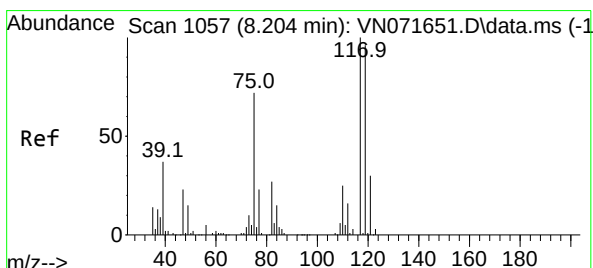
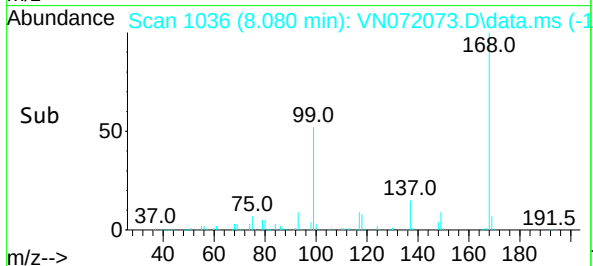
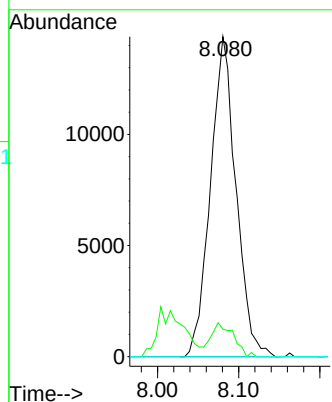
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 31467
Ion Ratio	Lower Upper
75	100
110	9.2 18.3 54.8#
77	0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 6.995 ug/l

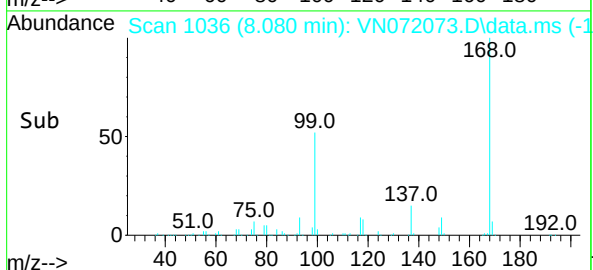
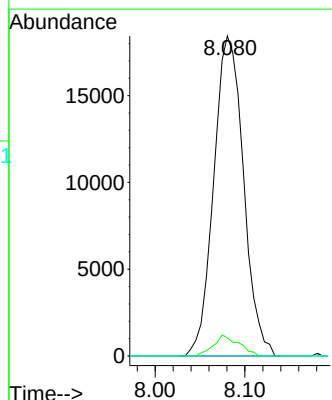
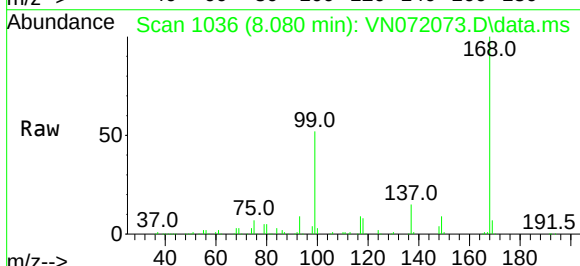
RT: 8.080 min Scan# 1036

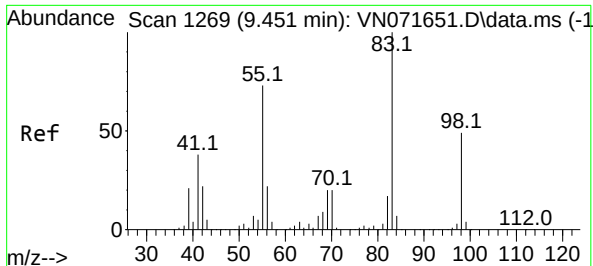
Delta R.T. -0.124 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

Tgt Ion: 117	Resp: 42440
Ion Ratio	Lower Upper
117	100
119	5.7 75.8 113.8#
121	0.0 24.6 37.0#





#39

Methylcyclohexane

Concen: 1.602 ug/l

RT: 9.451 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :

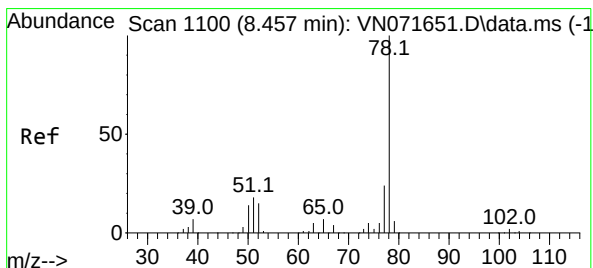
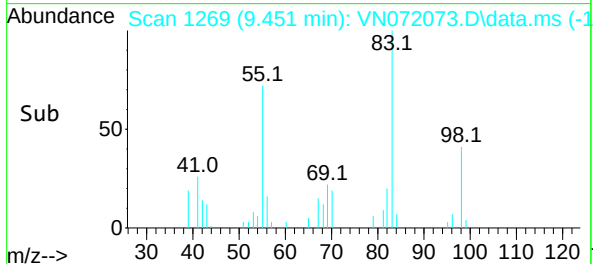
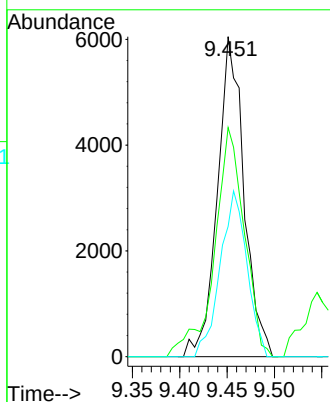
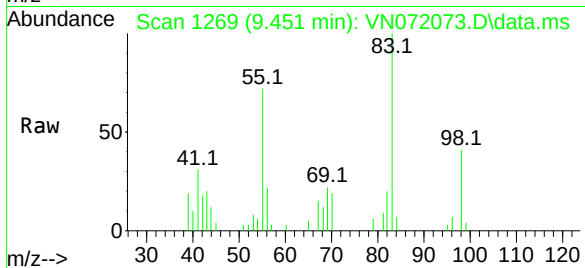
Tgt Ion: 83 Resp: 11803

Ion Ratio Lower Upper

83 100

55 71.6 57.8 86.8

98 40.7 39.4 59.2



#40

Benzene

Concen: 0.201 ug/l

RT: 8.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072073.D

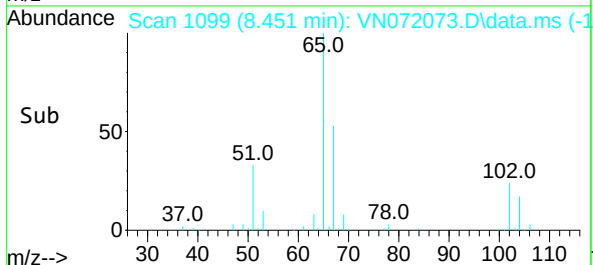
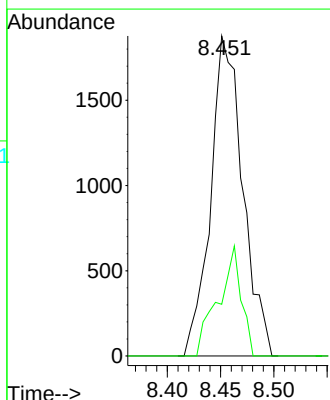
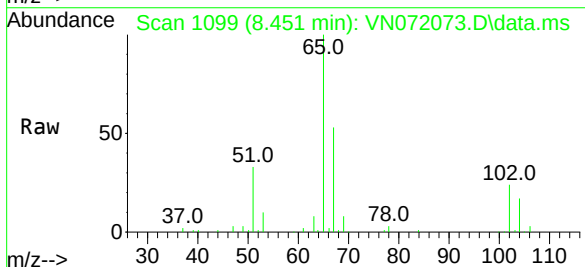
Acq: 20 Apr 2022 13:04

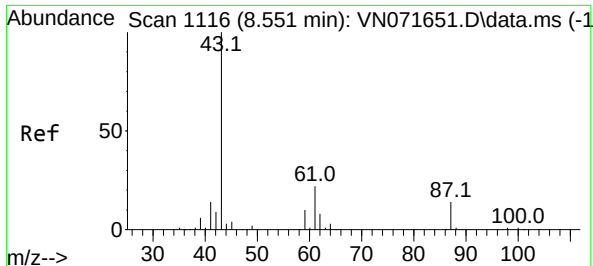
Tgt Ion: 78 Resp: 3935

Ion Ratio Lower Upper

78 100

77 16.1 19.4 29.0#

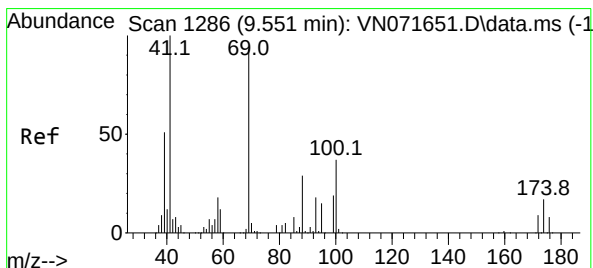
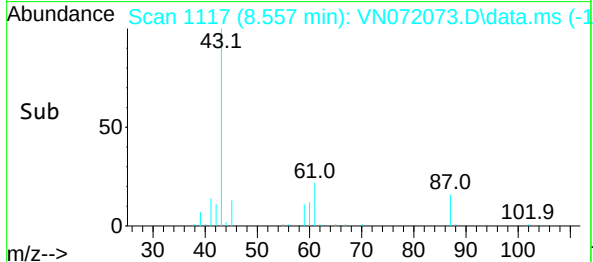
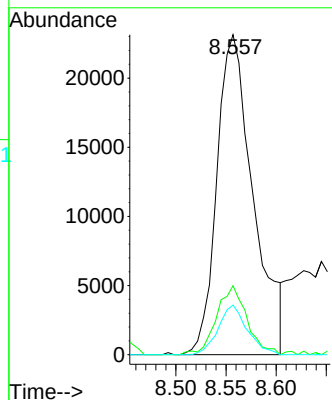
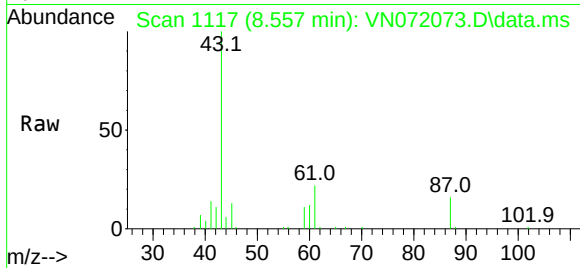




#43
Isopropyl Acetate
Concen: 5.181 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

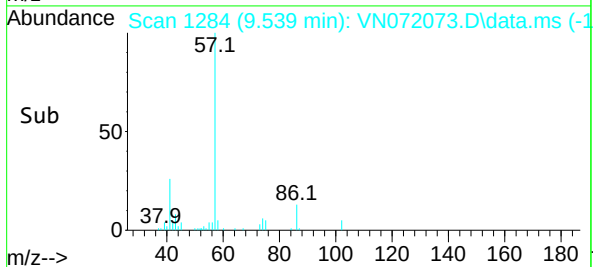
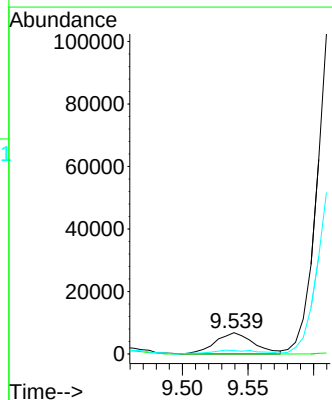
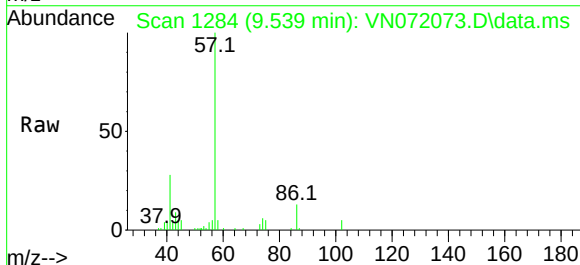
Instrument :
MSVOA_N
ClientSampleId :

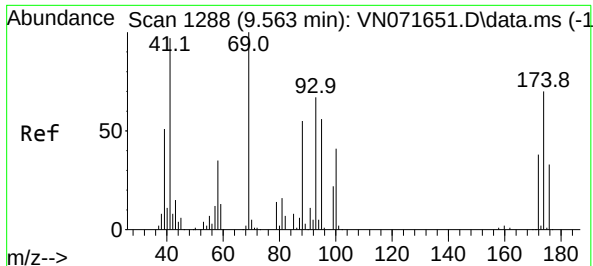
Tgt Ion: 43 Resp: 58390
Ion Ratio Lower Upper
43 100
61 18.1 21.9 32.9#
87 12.4 12.0 18.0



#48
Methyl methacrylate
Concen: 2.965 ug/l
RT: 9.539 min Scan# 1284
Delta R.T. -0.012 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 41 Resp: 13864
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: 9.616 min Scan# 1288

Delta R.T. 0.053 min

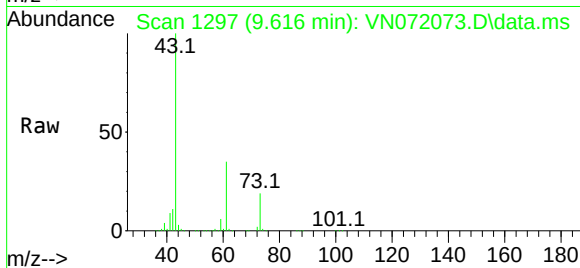
Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

Instrument :

MSVOA_N

ClientSampleId :



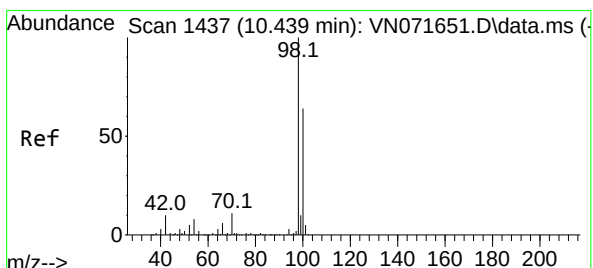
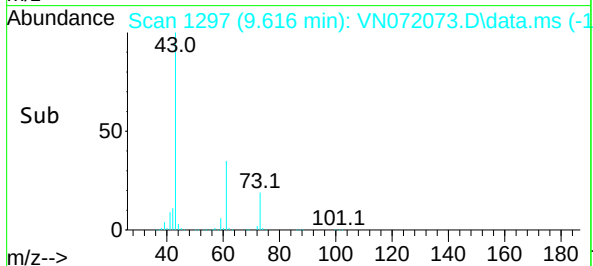
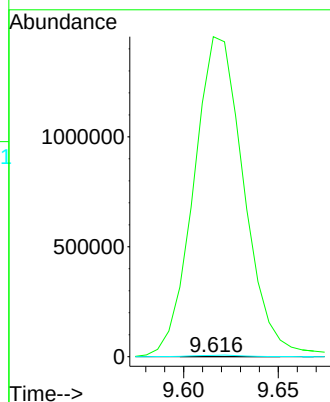
Tgt Ion: 88 Resp: 491

Ion Ratio Lower Upper

88 100

43 556869.5 20.2 30.4#

58 2804.9 54.2 81.4#



#50

Toluene-d8

Concen: 49.908 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072073.D

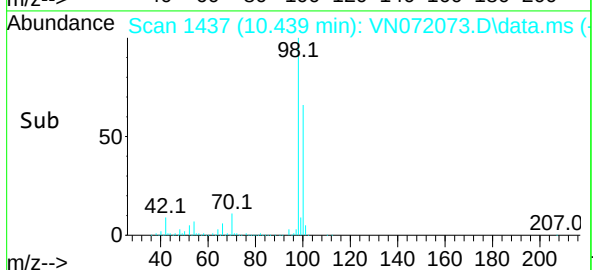
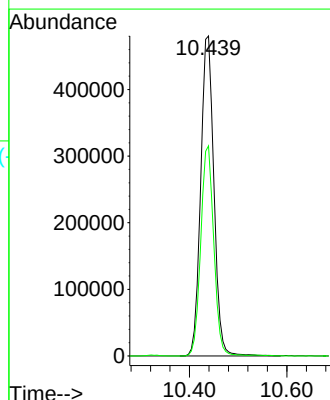
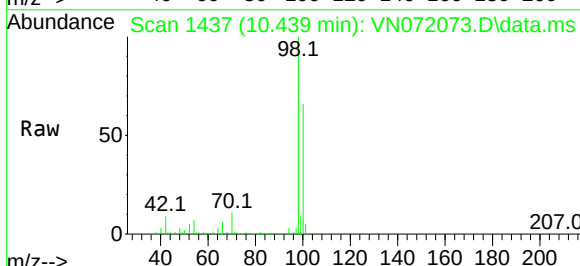
Acq: 20 Apr 2022 13:04

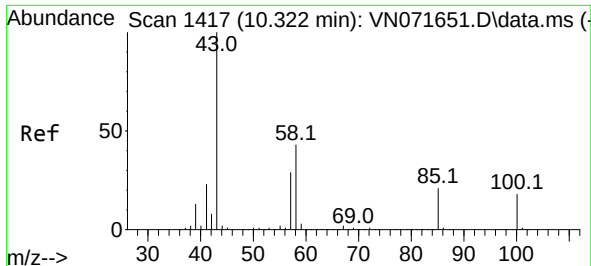
Tgt Ion: 98 Resp: 905078

Ion Ratio Lower Upper

98 100

100 64.8 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.374 ug/l

RT: 10.327 min Scan# 1417

Delta R.T. 0.005 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

Instrument :

MSVOA_N

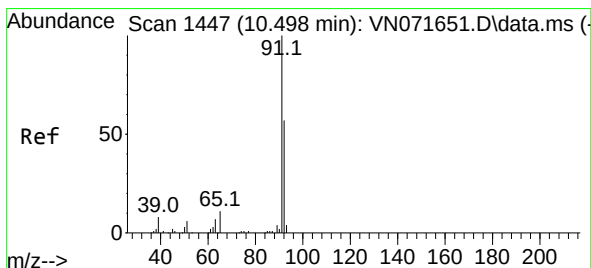
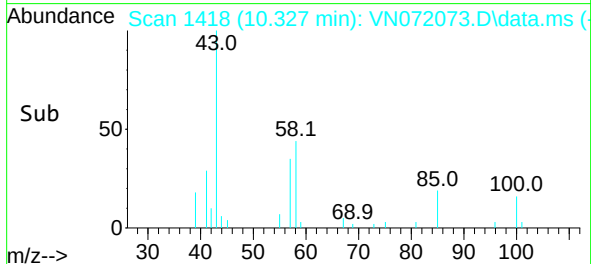
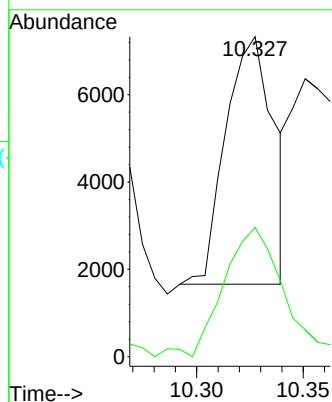
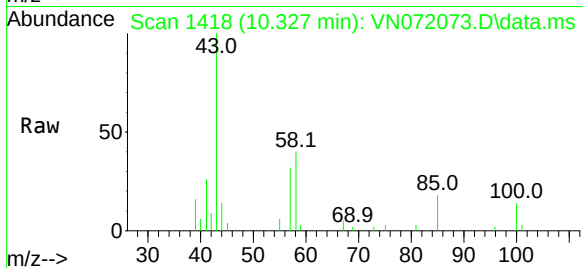
ClientSampleId :

Tgt Ion: 43 Resp: 8904

Ion Ratio Lower Upper

43 100

58 66.2 34.1 51.1#



#52

Toluene

Concen: 1.313 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN072073.D

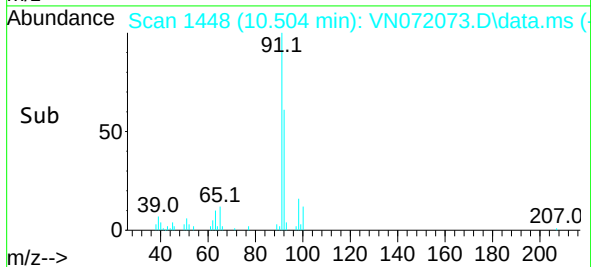
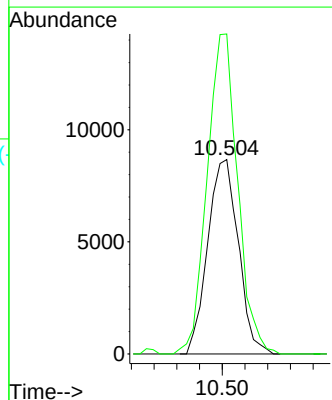
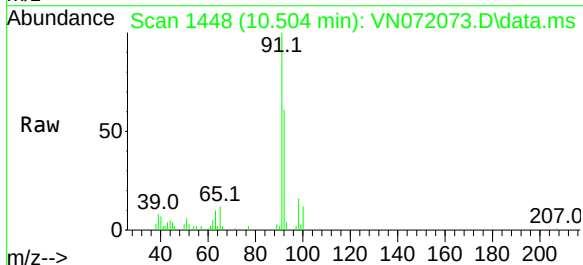
Acq: 20 Apr 2022 13:04

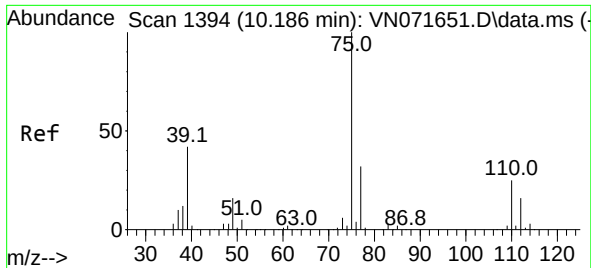
Tgt Ion: 92 Resp: 16236

Ion Ratio Lower Upper

92 100

91 163.9 138.6 207.8

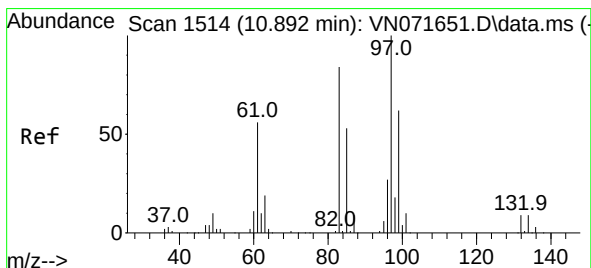
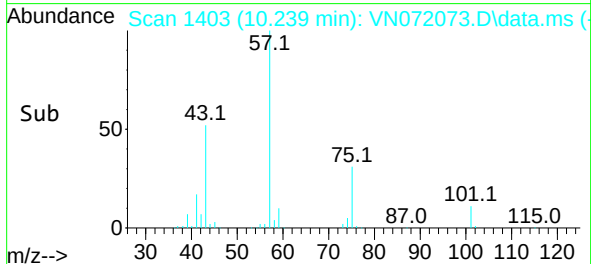
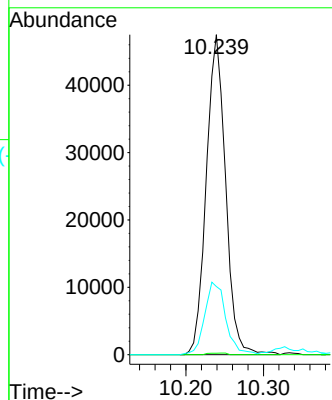
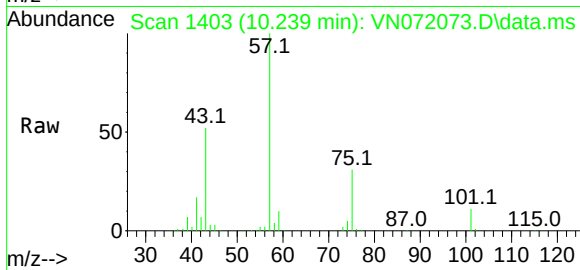




#54
 cis-1,3-Dichloropropene
 Concen: 10.853 ug/l
 RT: 10.239 min Scan# 14
 Delta R.T. 0.053 min
 Lab File: VN072073.D
 Acq: 20 Apr 2022 13:04

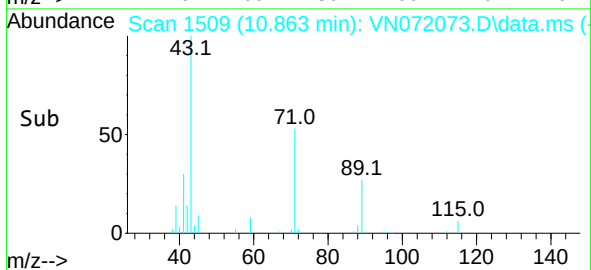
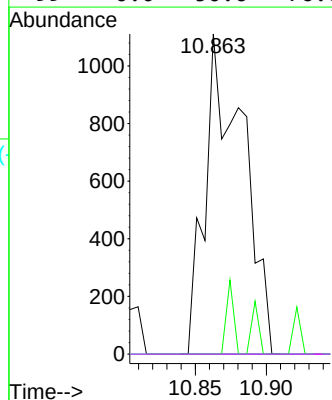
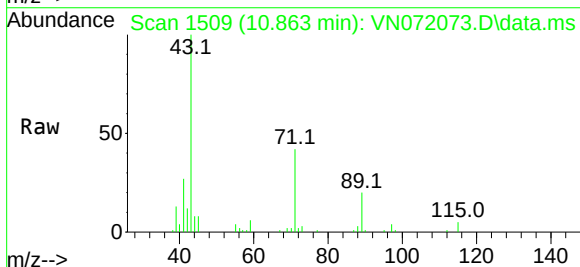
Instrument :
 MSVOA_N
 ClientSampleId :

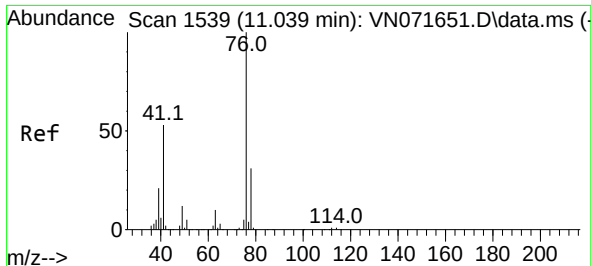
Tgt Ion: 75 Resp: 82065
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.2 37.8#
 39 21.3 35.7 53.5#



#55
 1,1,2-Trichloroethane
 Concen: 0.405 ug/l
 RT: 10.863 min Scan# 1509
 Delta R.T. -0.029 min
 Lab File: VN072073.D
 Acq: 20 Apr 2022 13:04

Tgt Ion: 97 Resp: 2063
 Ion Ratio Lower Upper
 97 100
 83 0.0 66.2 99.4#
 85 0.0 43.9 65.9#
 99 0.0 50.6 76.0#





#57

1,3-Dichloropropane

Concen: 6.118 ug/l

RT: 11.086 min Scan# 11

Delta R.T. 0.047 min

Lab File: VN072073.D

Acq: 20 Apr 2022 13:04

Instrument :

MSVOA_N

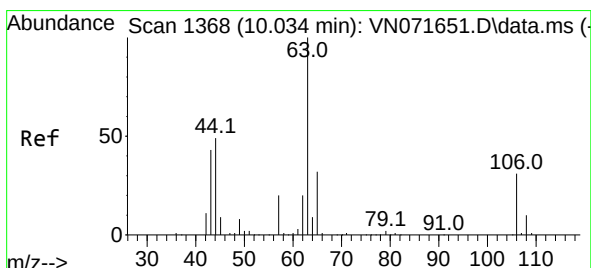
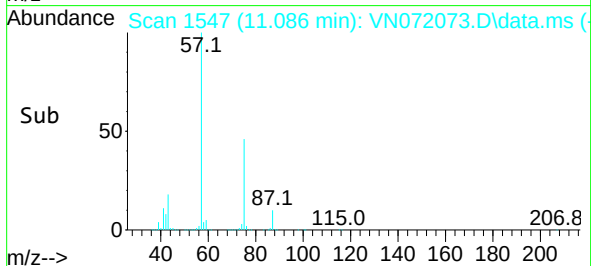
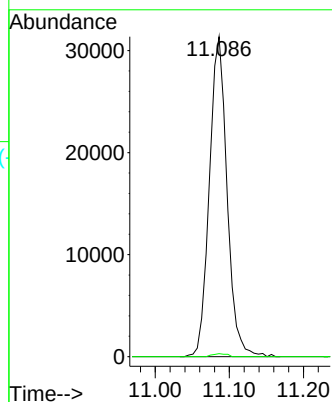
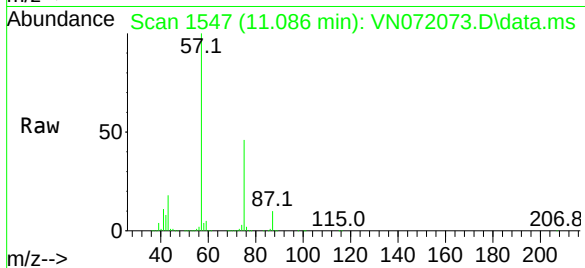
ClientSampleId :

Tgt Ion: 76 Resp: 52047

Ion Ratio Lower Upper

76 100

78 0.8 26.2 39.2#



#58

2-Chloroethyl Vinyl ether

Concen: 17.126 ug/l

RT: 10.045 min Scan# 1370

Delta R.T. 0.011 min

Lab File: VN072073.D

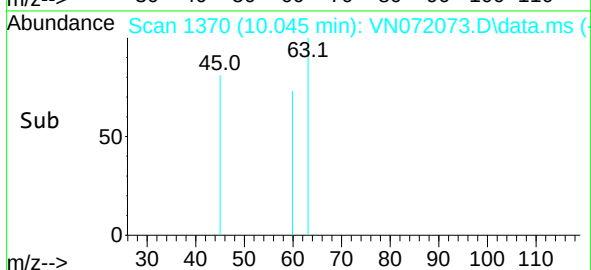
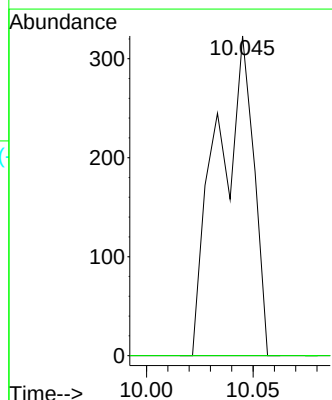
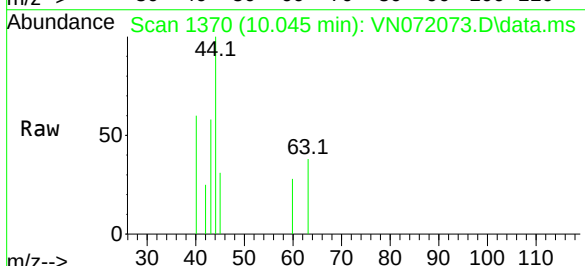
Acq: 20 Apr 2022 13:04

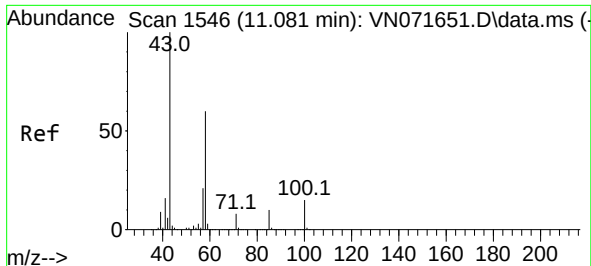
Tgt Ion: 63 Resp: 383

Ion Ratio Lower Upper

63 100

106 0.0 24.6 36.8#

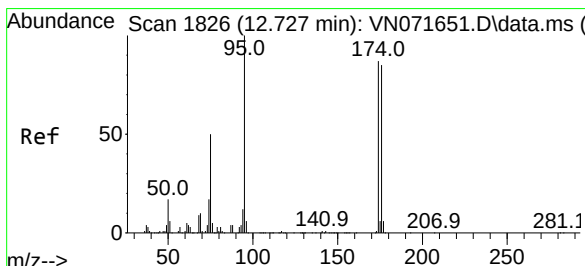
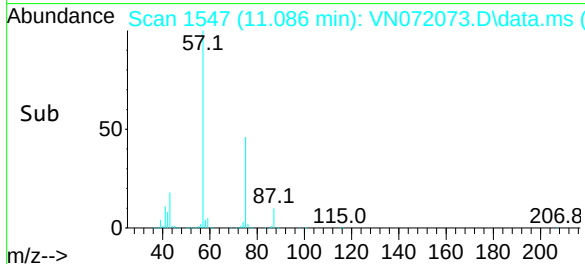
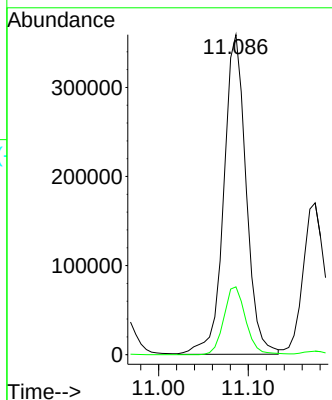
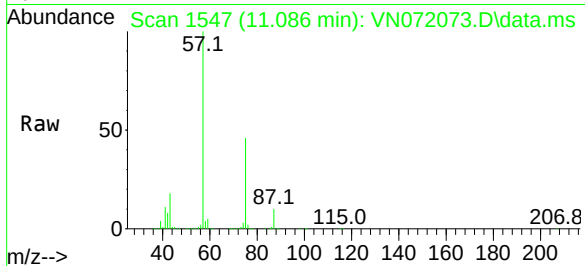




#59
2-Hexanone
Concen: 136.078 ug/l
RT: 11.086 min Scan# 1154
Delta R.T. 0.005 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

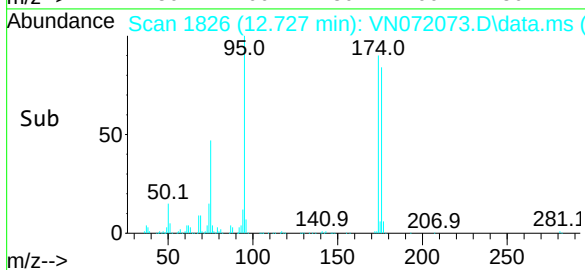
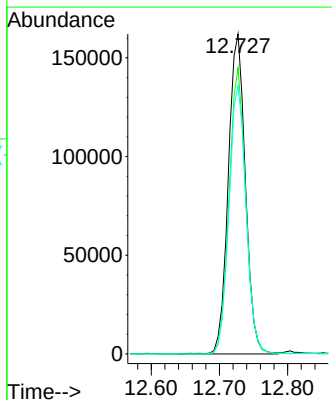
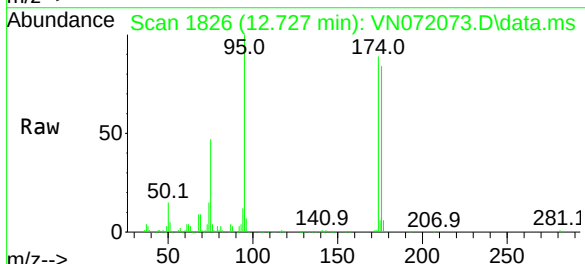
Instrument :
MSVOA_N
ClientSampleId :

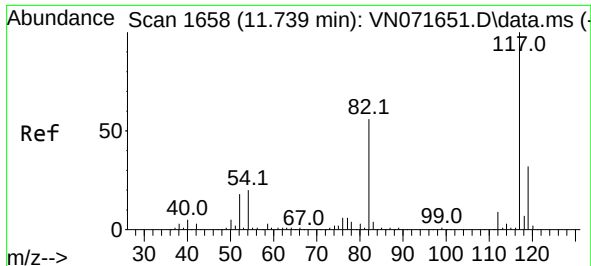
Tgt Ion: 43 Resp: 620816
Ion Ratio Lower Upper
43 100
58 20.9 29.7 89.1#



#62
4-Bromofluorobenzene
Concen: 48.202 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 95 Resp: 282710
Ion Ratio Lower Upper
95 100
174 87.1 0.0 167.6
176 83.6 0.0 163.4

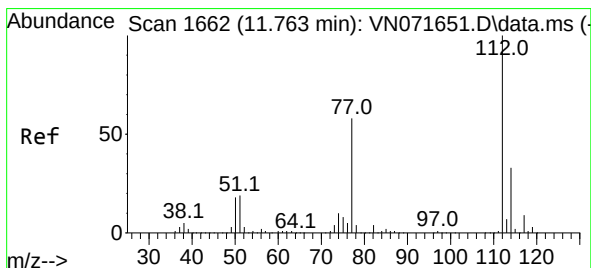
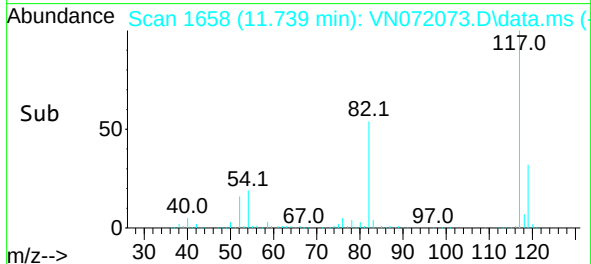
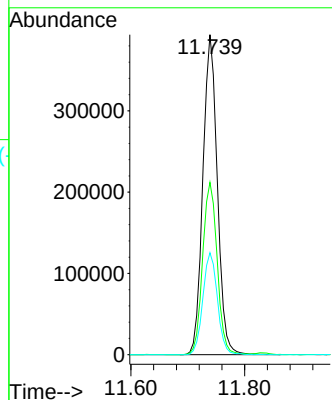
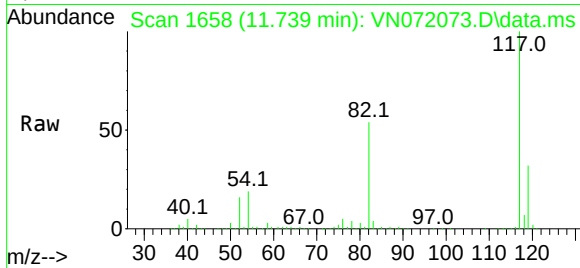




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

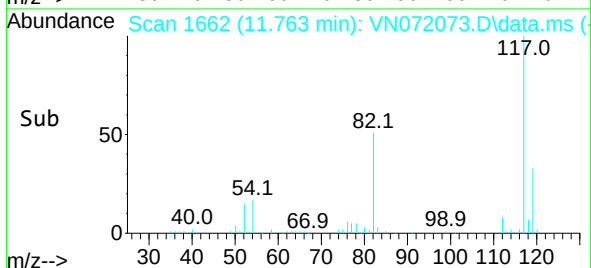
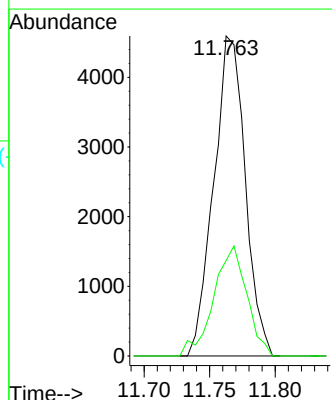
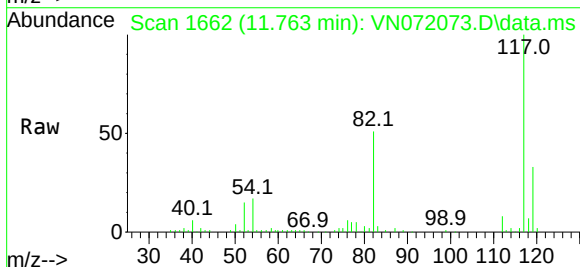
Instrument :
MSVOA_N
ClientSampleId :

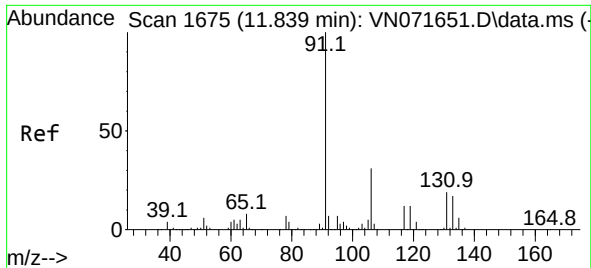
Tgt Ion:117 Resp: 694182
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 31.8 25.4 38.0



#65
Chlorobenzene
Concen: 0.552 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:112 Resp: 7673
Ion Ratio Lower Upper
112 100
114 29.8 25.4 38.2

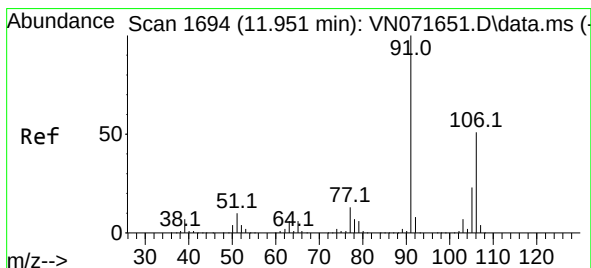
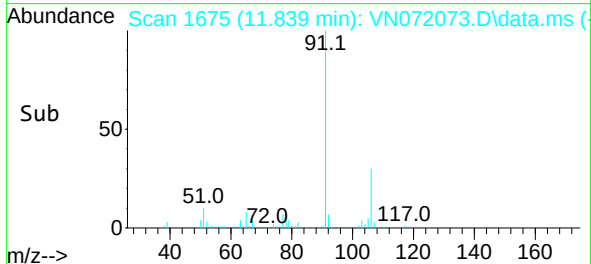
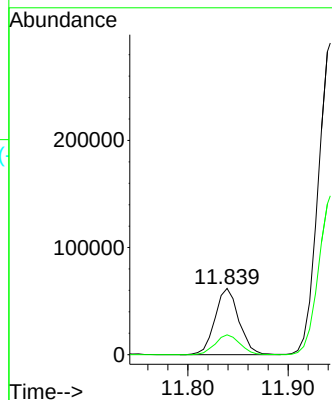
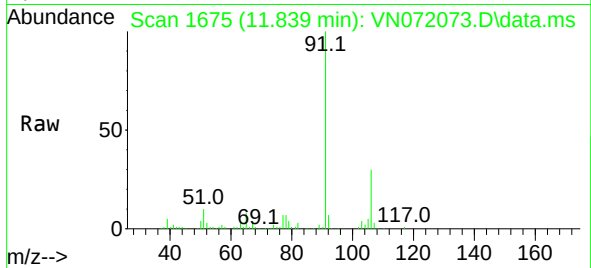




#67
Ethyl Benzene
Concen: 4.342 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

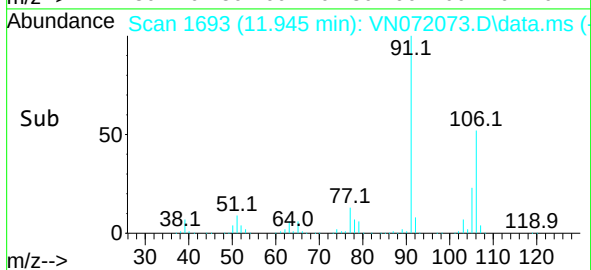
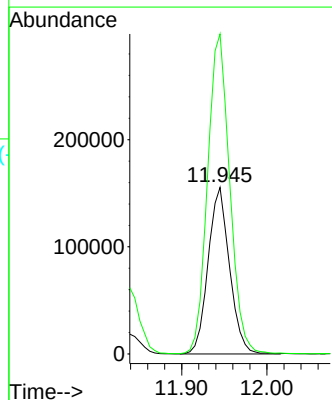
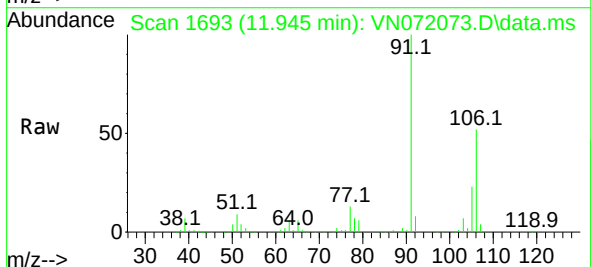
Instrument :
MSVOA_N
ClientSampleId :

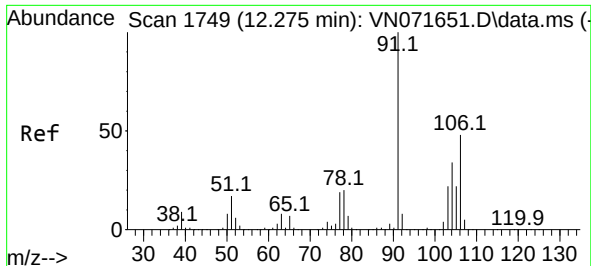
Tgt Ion: 91 Resp: 102180
Ion Ratio Lower Upper
91 100
106 30.1 24.9 37.3



#68
m/p-Xylenes
Concen: 29.982 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:106 Resp: 271070
Ion Ratio Lower Upper
106 100
91 199.1 158.9 238.3

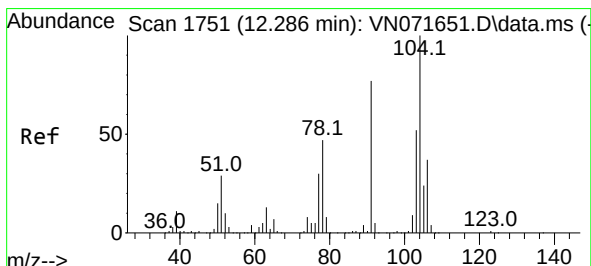
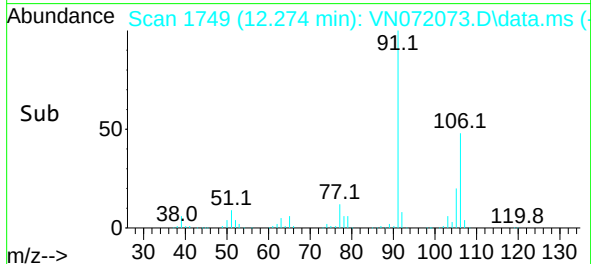
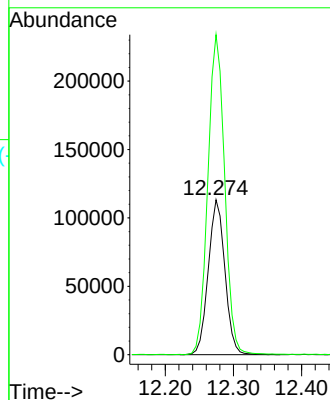
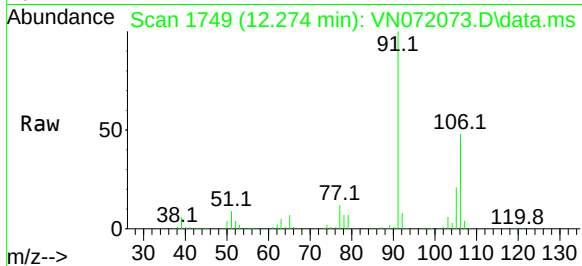




#69
o-Xylene
Concen: 21.402 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

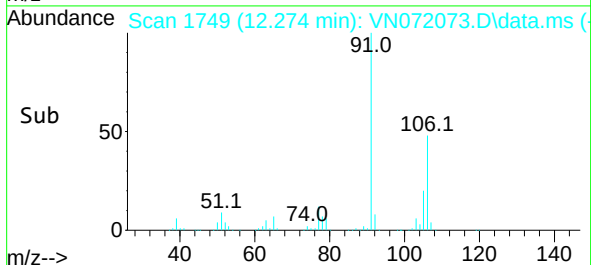
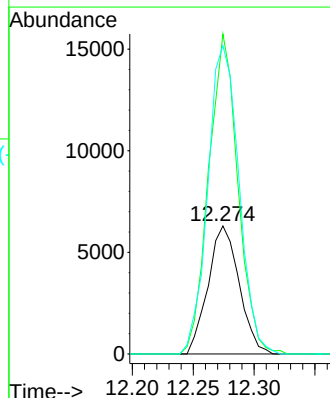
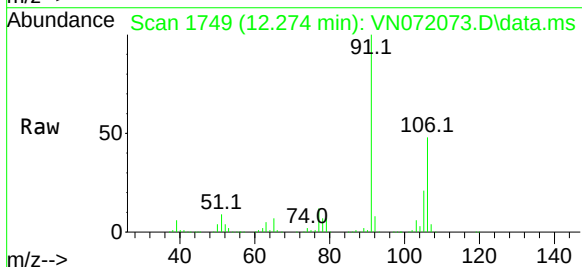
Instrument :
MSVOA_N
ClientSampleId :

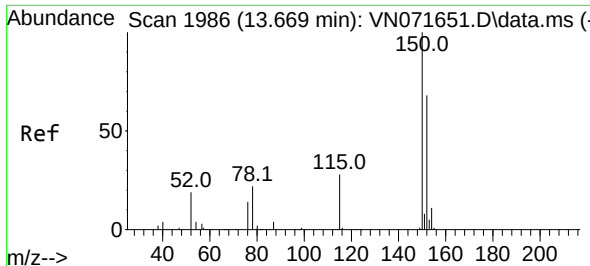
Tgt Ion:106 Resp: 192058
Ion Ratio Lower Upper
106 100
91 208.9 106.0 318.0



#70
Styrene
Concen: 0.822 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.012 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

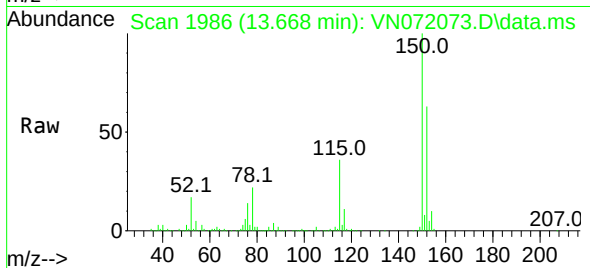
Tgt Ion:104 Resp: 11171
Ion Ratio Lower Upper
104 100
78 235.4 39.5 59.3#
103 241.7 44.0 66.0#



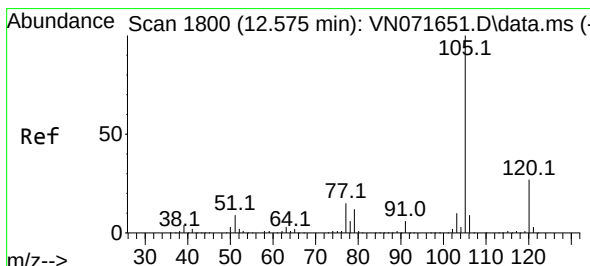
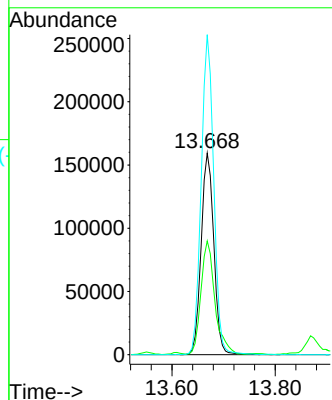
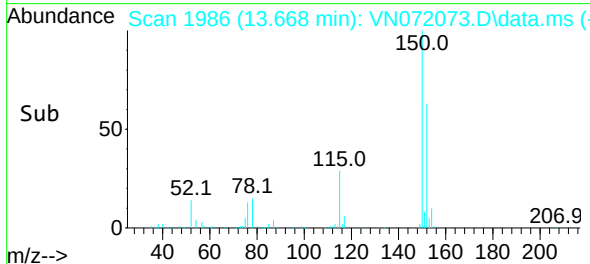


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

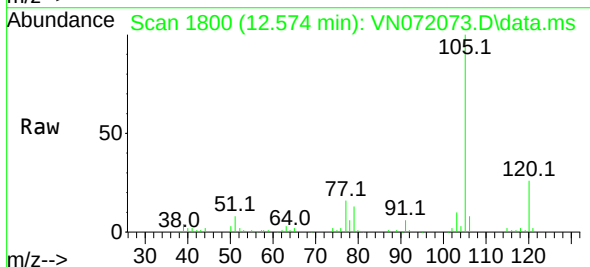
Instrument :
MSVOA_N
ClientSampleId :



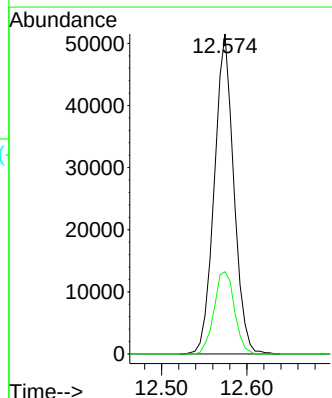
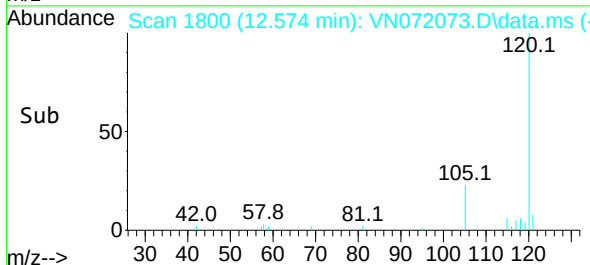
Tgt Ion:152 Resp: 271353
Ion Ratio Lower Upper
152 100
115 61.5 28.9 86.7
150 156.7 0.0 356.2

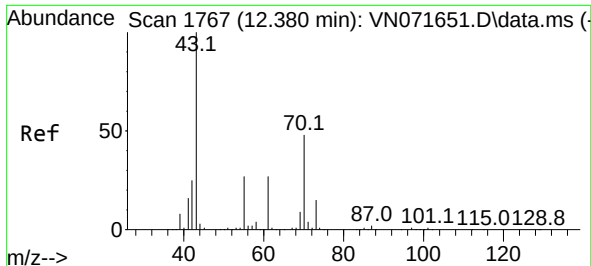


#73
Isopropylbenzene
Concen: 3.570 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04



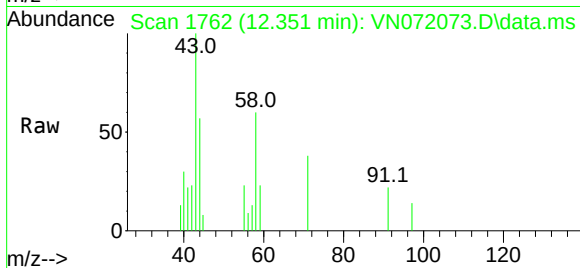
Tgt Ion:105 Resp: 81625
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4



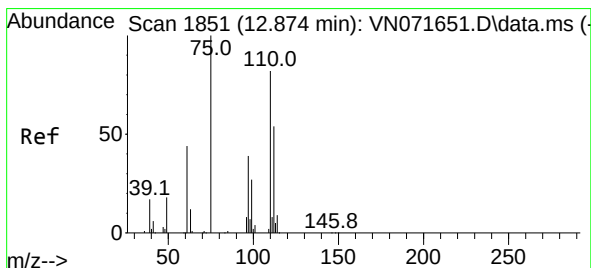
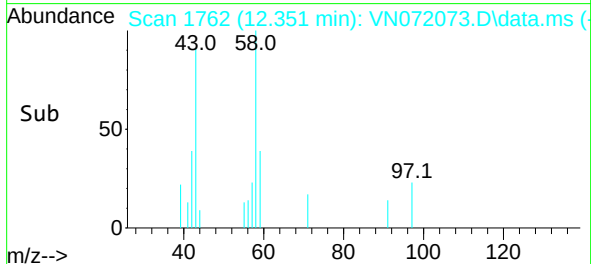
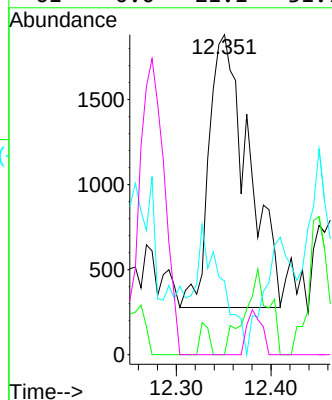


#74
N-amy1 acetate
Concen: 0.703 ug/l
RT: 12.351 min Scan# 1
Delta R.T. -0.029 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Instrument :
MSVOA_N
ClientSampleId :

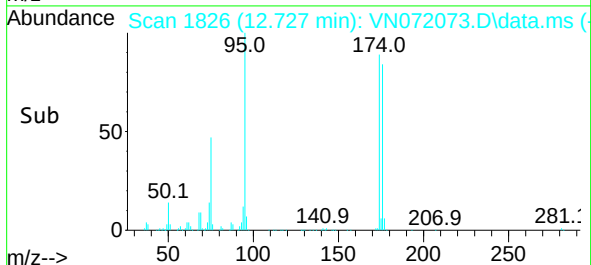
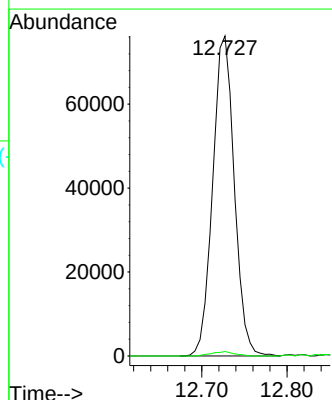
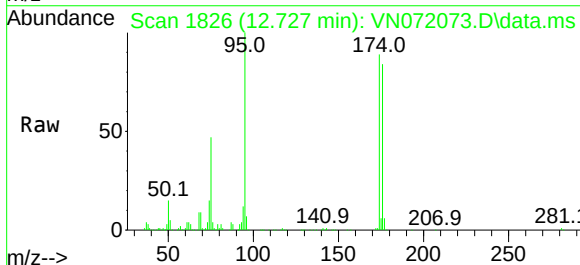


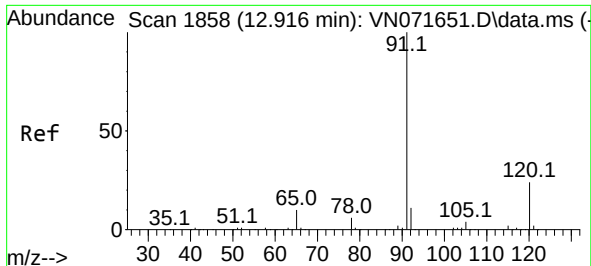
Tgt Ion: 43 Resp: 4606
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.4#
55 0.0 21.1 31.7#
61 0.0 21.1 31.7#



#76
1,2,3-Trichloropropane
Concen: 21.394 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 75 Resp: 134483
Ion Ratio Lower Upper
75 100
77 1.4 98.5 295.5#

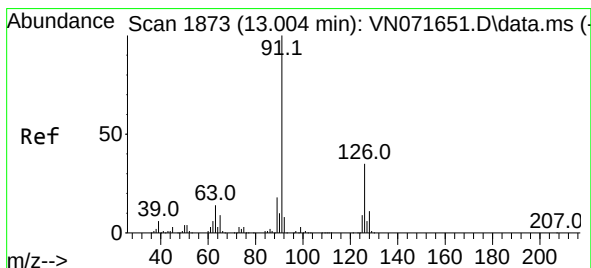
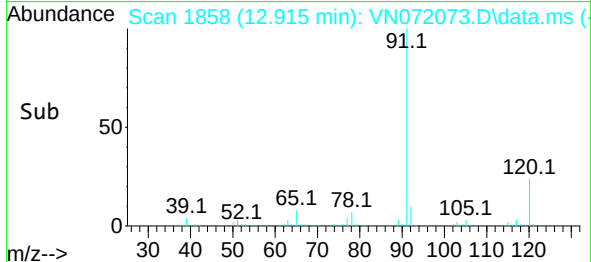
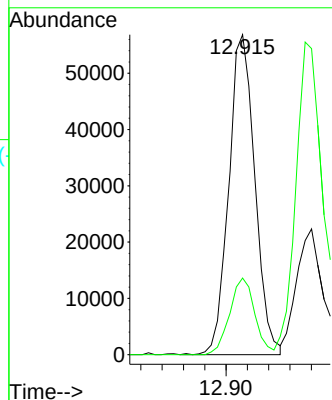
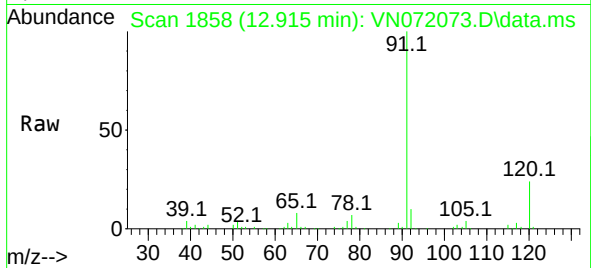




#78
n-propylbenzene
Concen: 4.020 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

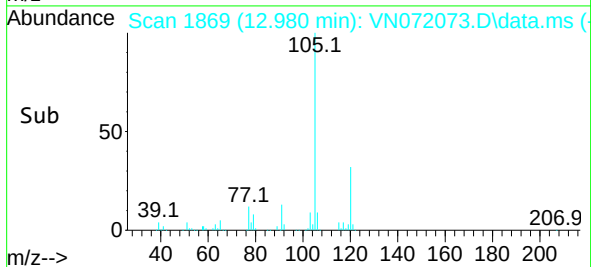
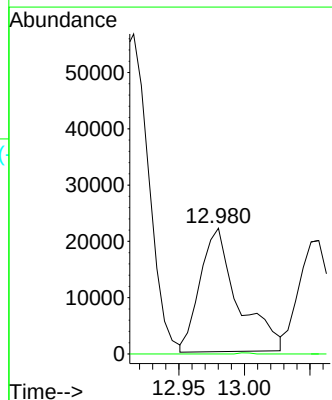
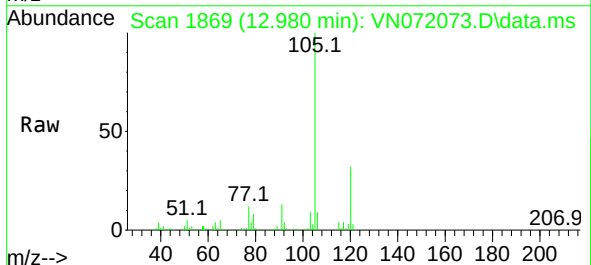
Instrument :
MSVOA_N
ClientSampleId :

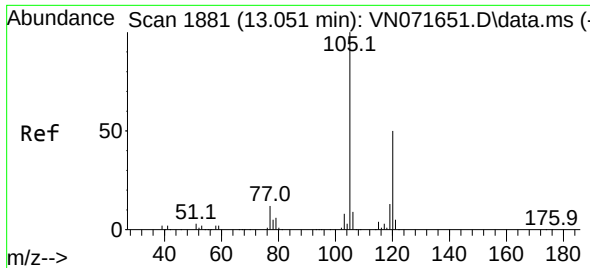
Tgt Ion: 91 Resp: 96704
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5



#79
2-Chlorotoluene
Concen: 2.870 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 91 Resp: 44266
Ion Ratio Lower Upper
91 100
126 0.3 17.3 51.9#

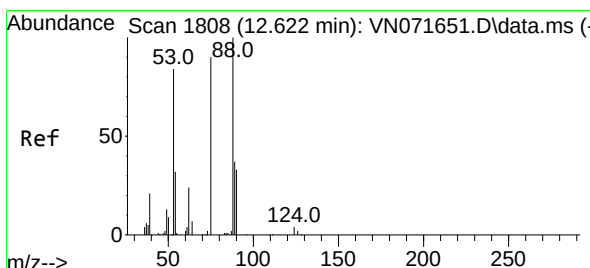
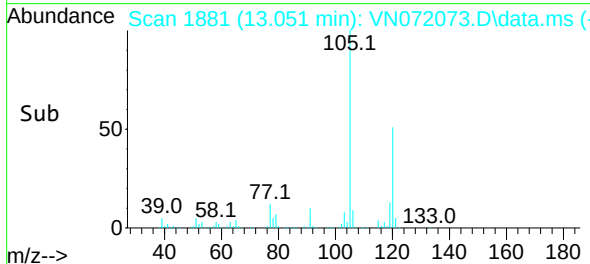
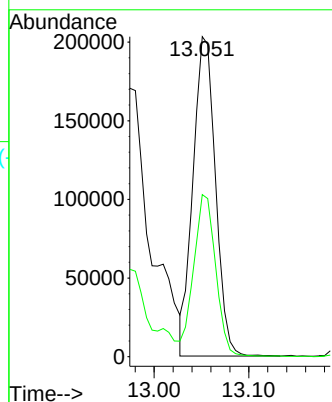
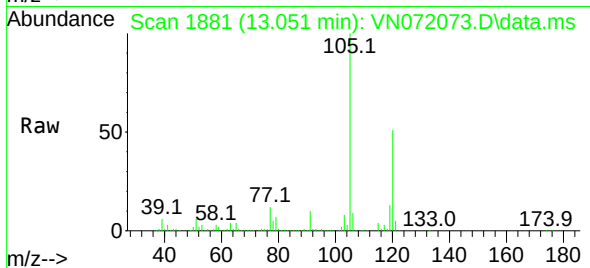




#80
 1,3,5-Trimethylbenzene
 Concen: 18.438 ug/l
 RT: 13.051 min Scan# 1881
 Delta R.T. -0.000 min
 Lab File: VN072073.D
 Acq: 20 Apr 2022 13:04

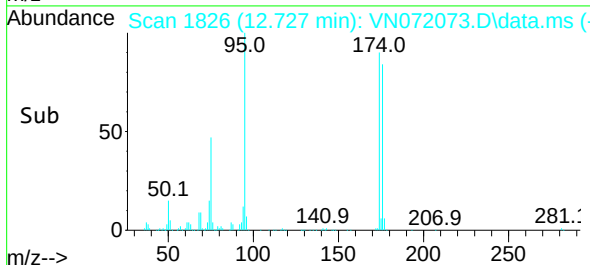
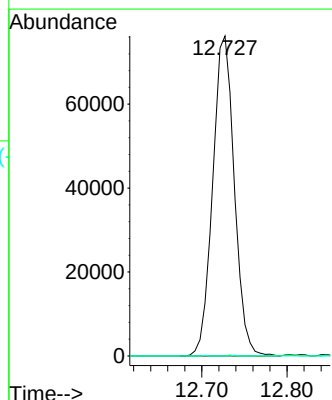
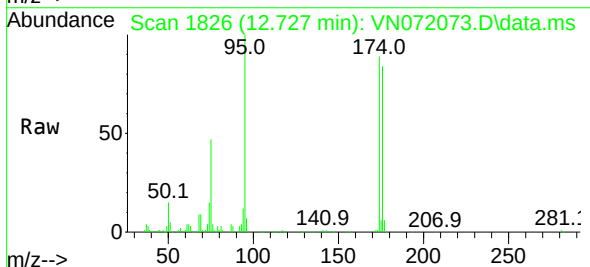
Instrument :
 MSVOA_N
 ClientSampleId :

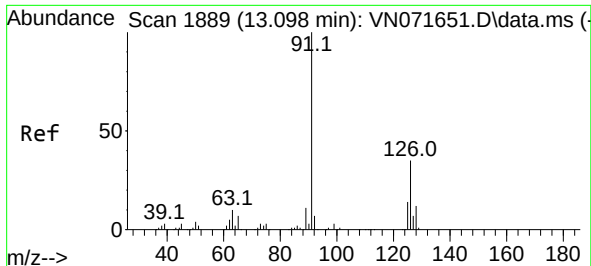
Tgt Ion:105 Resp: 334049
 Ion Ratio Lower Upper
 105 100
 120 50.0 24.9 74.7



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.298 ug/l
 RT: 12.727 min Scan# 1826
 Delta R.T. 0.105 min
 Lab File: VN072073.D
 Acq: 20 Apr 2022 13:04

Tgt Ion: 75 Resp: 134483
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.0 117.0#
 89 0.0 37.2 55.8#

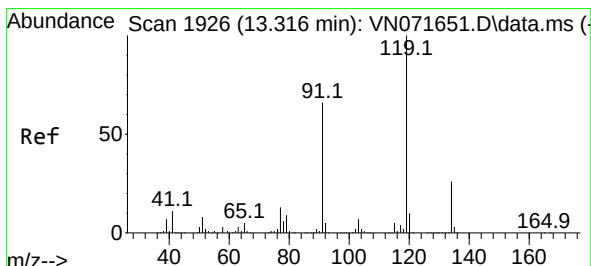
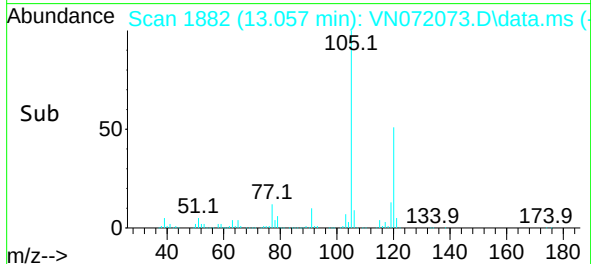
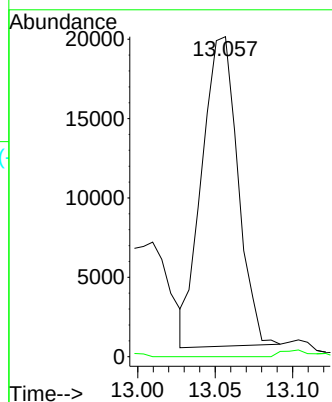
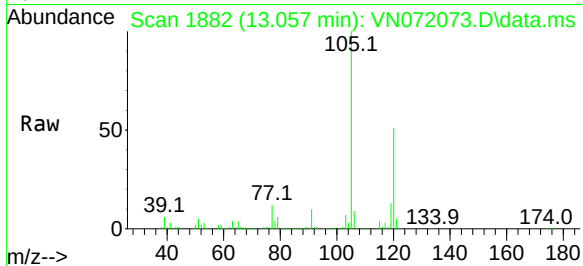




#82
4-Chlorotoluene
Concen: 2.199 ug/l
RT: 13.057 min Scan# 11
Delta R.T. -0.041 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

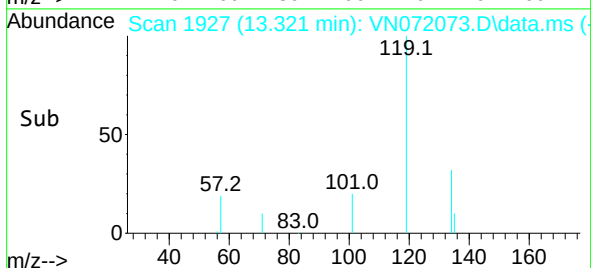
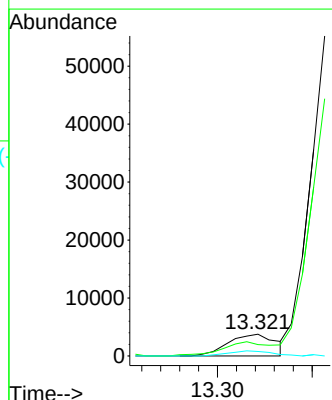
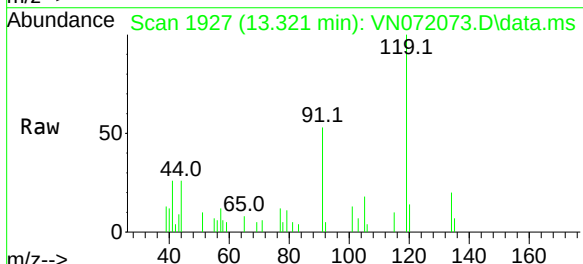
Instrument :
MSVOA_N
ClientSampleId :

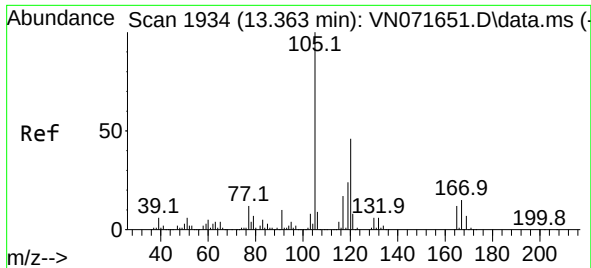
Tgt Ion: 91 Resp: 31439
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 0.393 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.005 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 119 Resp: 6514
Ion Ratio Lower Upper
119 100
91 61.1 31.6 94.8
134 21.0 13.7 41.1

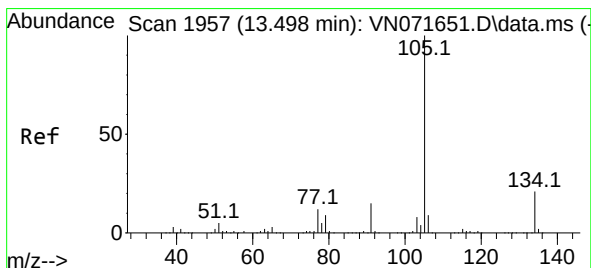
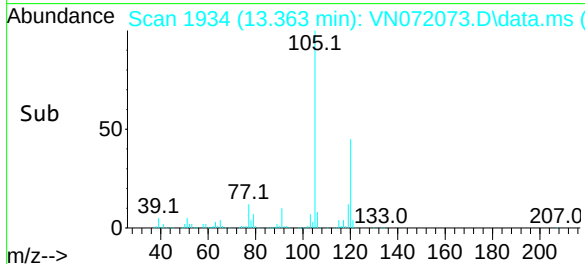
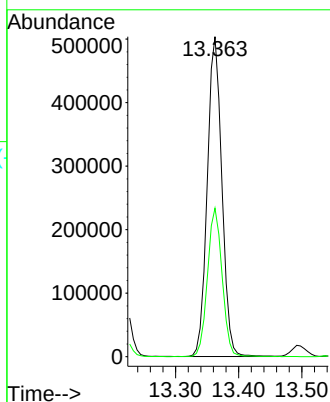
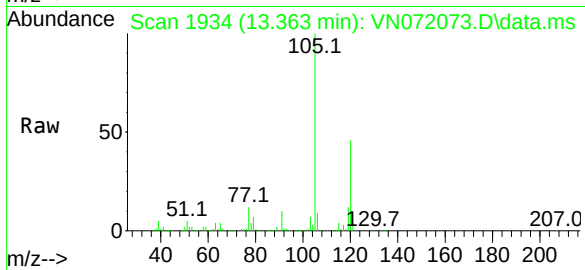




#84
1,2,4-Trimethylbenzene
Concen: 45.630 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

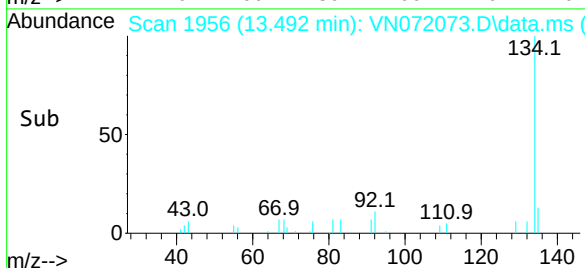
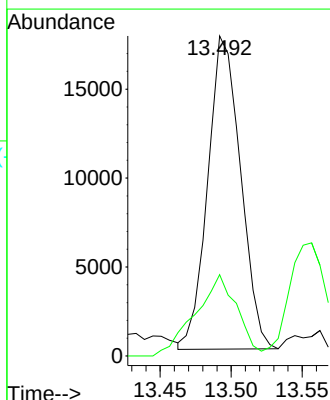
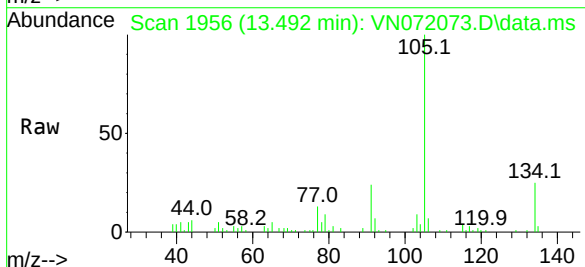
Instrument :
MSVOA_N
ClientSampleId :

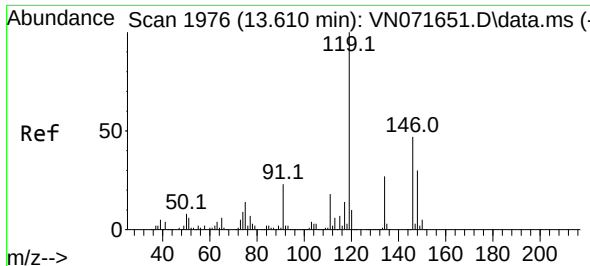
Tgt Ion:105 Resp: 806588
Ion Ratio Lower Upper
105 100
120 46.7 23.3 69.8



#85
sec-Butylbenzene
Concen: 1.318 ug/l
RT: 13.492 min Scan# 1956
Delta R.T. -0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:105 Resp: 28290
Ion Ratio Lower Upper
105 100
134 32.9 10.4 31.1#

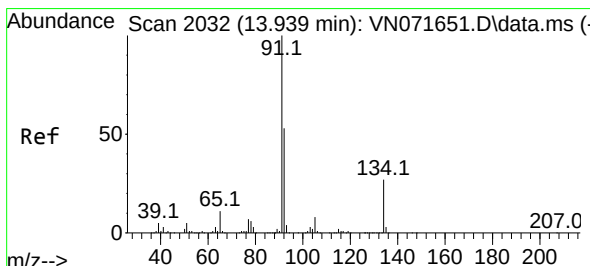
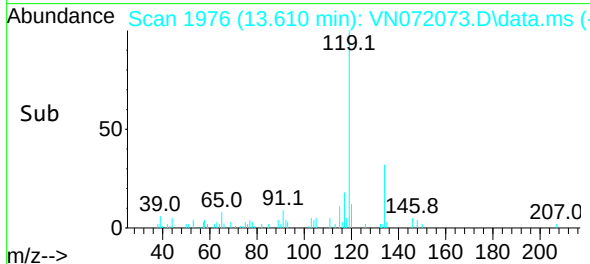
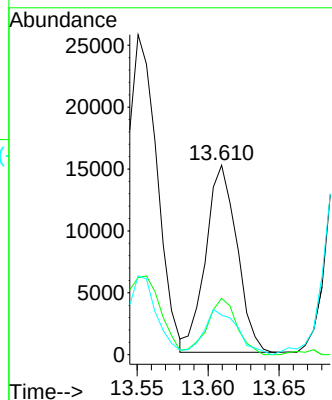
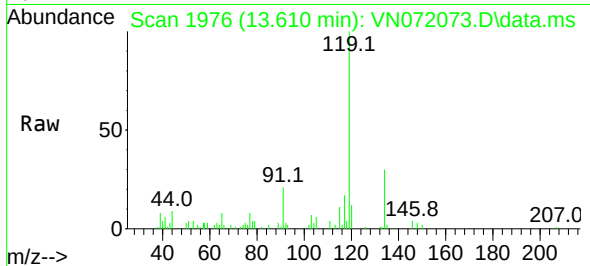




#86
p-Isopropyltoluene
Concen: 1.351 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

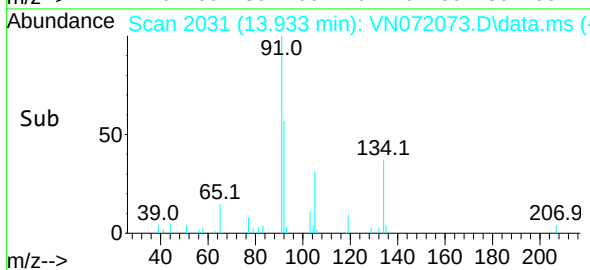
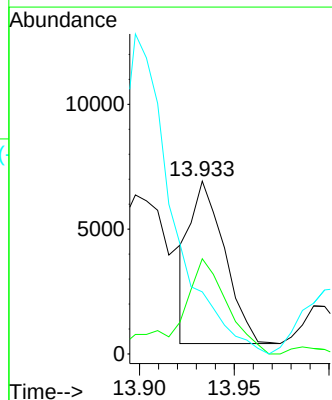
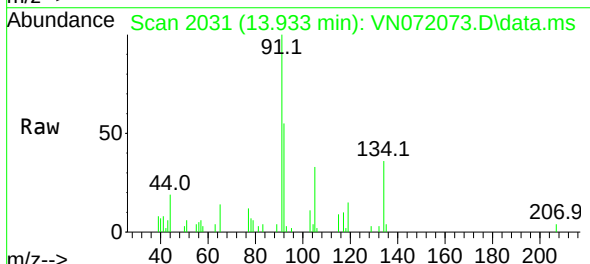
Instrument :
MSVOA_N
ClientSampleId :

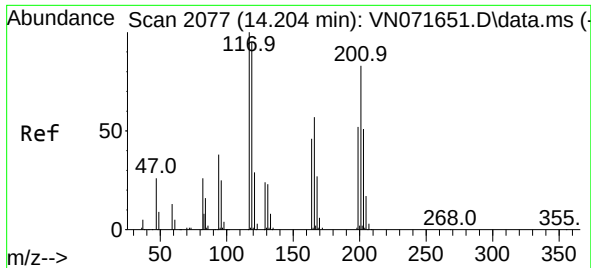
Tgt Ion:119 Resp: 23121
Ion Ratio Lower Upper
119 100
134 28.7 13.3 39.8
91 25.9 11.3 33.9



#89
n-Butylbenzene
Concen: 0.645 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion: 91 Resp: 8193
Ion Ratio Lower Upper
91 100
92 80.7 26.9 80.7#
134 0.0 13.6 40.8#

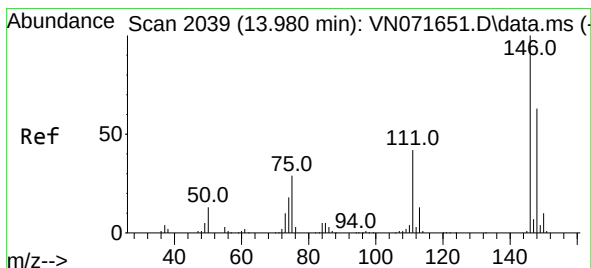
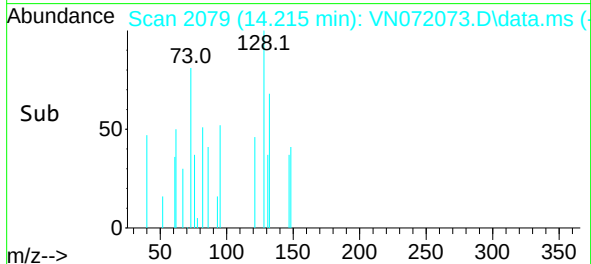
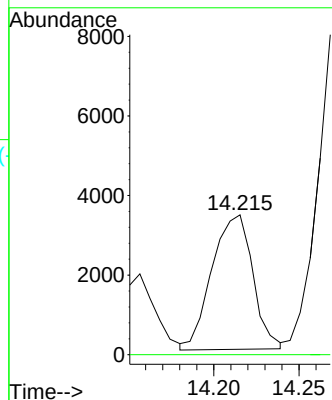
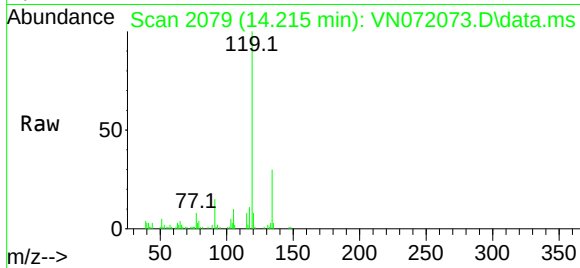




#90
Hexachloroethane
Concen: 1.799 ug/l
RT: 14.215 min Scan# 2077
Delta R.T. 0.011 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

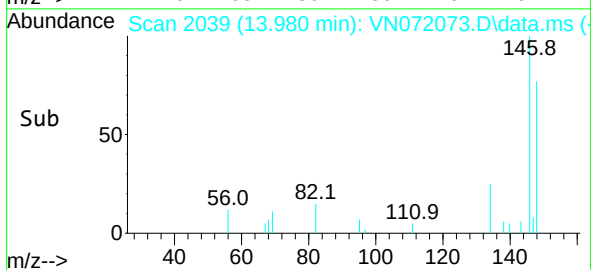
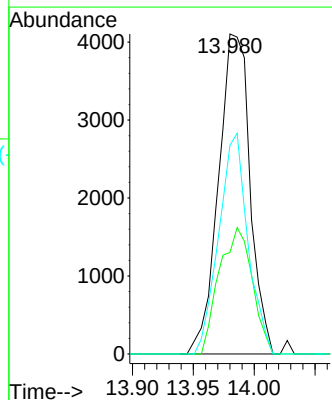
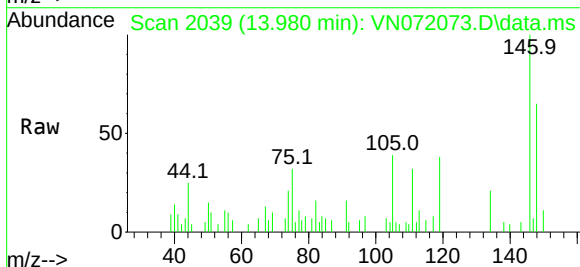
Instrument :
MSVOA_N
ClientSampleId :

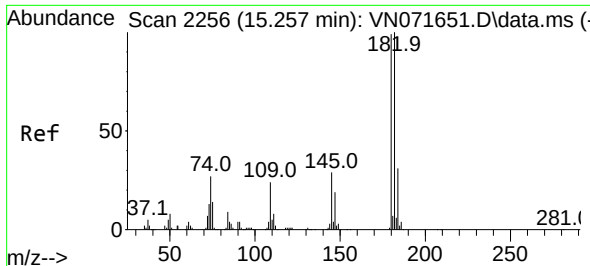
Tgt Ion:117 Resp: 5638
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#91
1,2-Dichlorobenzene
Concen: 0.825 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

Tgt Ion:146 Resp: 7393
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.8
148 63.7 32.1 96.3

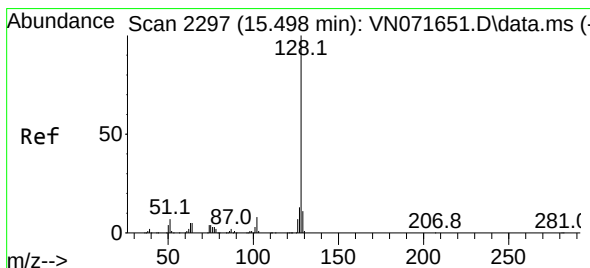
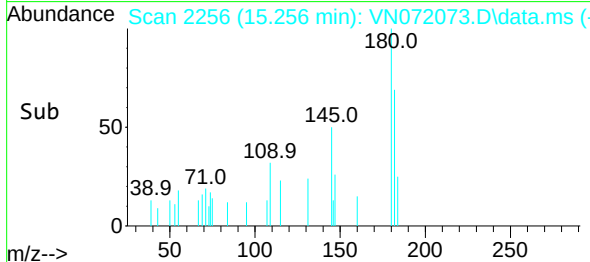
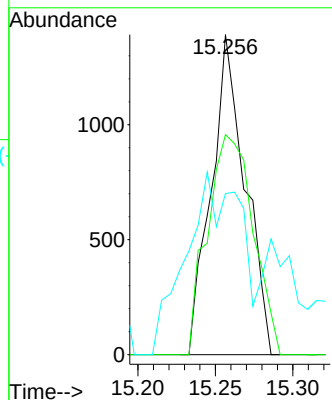
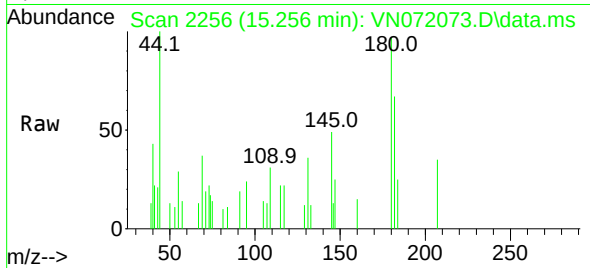




#93
1,2,4-Trichlorobenzene
Concen: 2.555 ug/l
RT: 15.256 min Scan# 2116
Delta R.T. -0.001 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

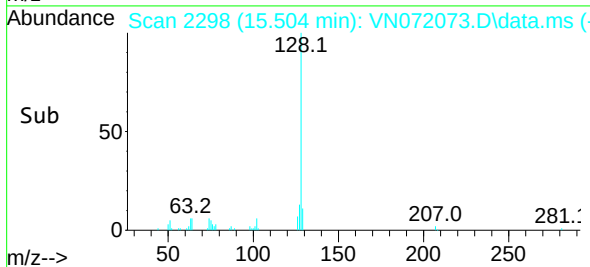
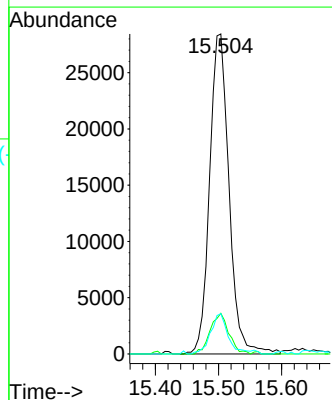
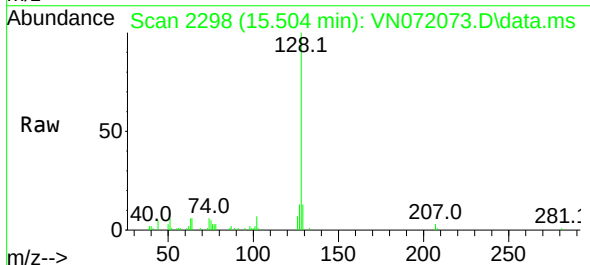
Instrument :
MSVOA_N
ClientSampleId :

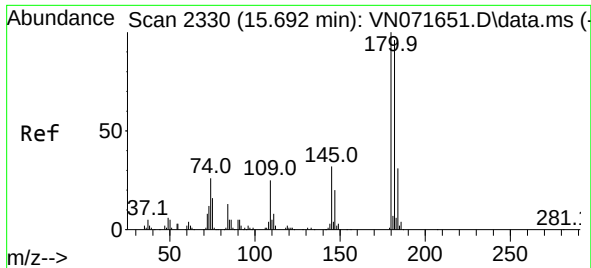
Tgt Ion:180 Resp: 2116
Ion Ratio Lower Upper
180 100
182 92.5 47.5 142.5
145 54.0 14.5 43.5#



#95
Naphthalene
Concen: 8.343 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072073.D
Acq: 20 Apr 2022 13:04

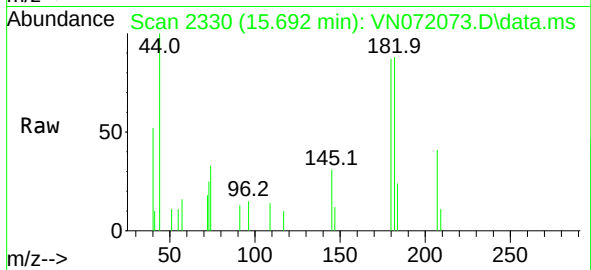
Tgt Ion:128 Resp: 60721
Ion Ratio Lower Upper
128 100
127 12.2 10.3 15.5
129 11.7 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.949 ug/l
 RT: 15.692 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN072073.D
 Acq: 20 Apr 2022 13:04

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	106.9	47.8	143.3
145	61.5	15.5	46.5

