

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072656.D
 Acq On : 06 Jun 2022 10:53
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 06 13:10:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 13:10:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	41780	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	260959	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	233512	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	149930	35.616	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 118.733%#	
60) 4-Bromofluorobenzene	12.727	95	137788	32.764	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 109.200%	
63) Toluene-d8	10.439	98	390986	29.533	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.433%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.063	85	21921	7.691	ug/l	99
3) Chloromethane	2.293	50	23044	6.133	ug/l	96
4) Vinyl Chloride	2.440	62	18936	5.966	ug/l #	86
5) Bromomethane	2.840	94	10491	6.651	ug/l	84
6) Chloroethane	3.004	64	11939	5.915	ug/l	91
7) Trichlorofluoromethane	3.363	101	35176	7.524	ug/l	91
8) Diethyl Ether	3.828	74	13996	7.326	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.210	101	20057	7.850	ug/l	78
10) 1,1-Dichloroethene	4.175	96	18242	7.385	ug/l	96
11) Methyl Iodide	4.416	142	15624	6.411	ug/l	92
12) Methyl Acetate	4.846	43	34584	6.949	ug/l #	89
13) Acrolein	4.028	56	17038	31.271	ug/l	91
14) Acrylonitrile	5.545	53	64862	30.579	ug/l	98
15) Acetone	4.275	58	18299	33.287	ug/l	90
16) Carbon Disulfide	4.522	76	46487	6.969	ug/l	100
17) Allyl chloride	4.834	41	37274	7.096	ug/l	97
18) Methylene Chloride	5.093	84	21370	6.628	ug/l	94
19) trans-1,2-Dichloroethene	5.587	96	19946	7.381	ug/l	91
20) Diisopropyl ether	6.487	45	75210	6.331	ug/l #	93
21) 1,1-Dichloroethane	6.381	63	38829	6.364	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	23219	6.679	ug/l	92
23) tert-Butyl Alcohol	5.363	59	27874	35.285	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	74693	7.474	ug/l #	78
25) Chloroform	7.816	83	41556	6.630	ug/l	94
26) Cyclohexane	8.086	56	37081	6.522	ug/l #	93
29) 1,1-Dichloropropene	8.216	75	28700	5.973	ug/l	95
30) 2-Butanone	7.334	43	99624	30.479	ug/l	93
31) 2,2-Dichloropropane	7.316	77	39311	7.597	ug/l	96
32) 1,1,1-Trichloroethane	8.004	97	38313	6.930	ug/l	97
33) Carbon Tetrachloride	8.198	117	32981	6.750	ug/l	93
34) Benzene	8.451	78	86558	5.790	ug/l #	80
35) Methacrylonitrile	7.628	41	20643	6.141	ug/l	89
36) 1,2-Dichloroethane	8.522	62	36483	7.062	ug/l	100
37) Trichloroethene	9.210	130	19633	5.500	ug/l	86
38) Methylcyclohexane	9.451	83	37549	6.329	ug/l	92
39) 1,2-Dichloropropane	9.481	63	23257	5.796	ug/l	89
40) Dibromomethane	9.575	93	15583	6.027	ug/l	96
41) Bromodichloromethane	9.757	83	34699	6.567	ug/l	96
42) Vinyl Acetate	6.422	43	329981	30.771	ug/l	99

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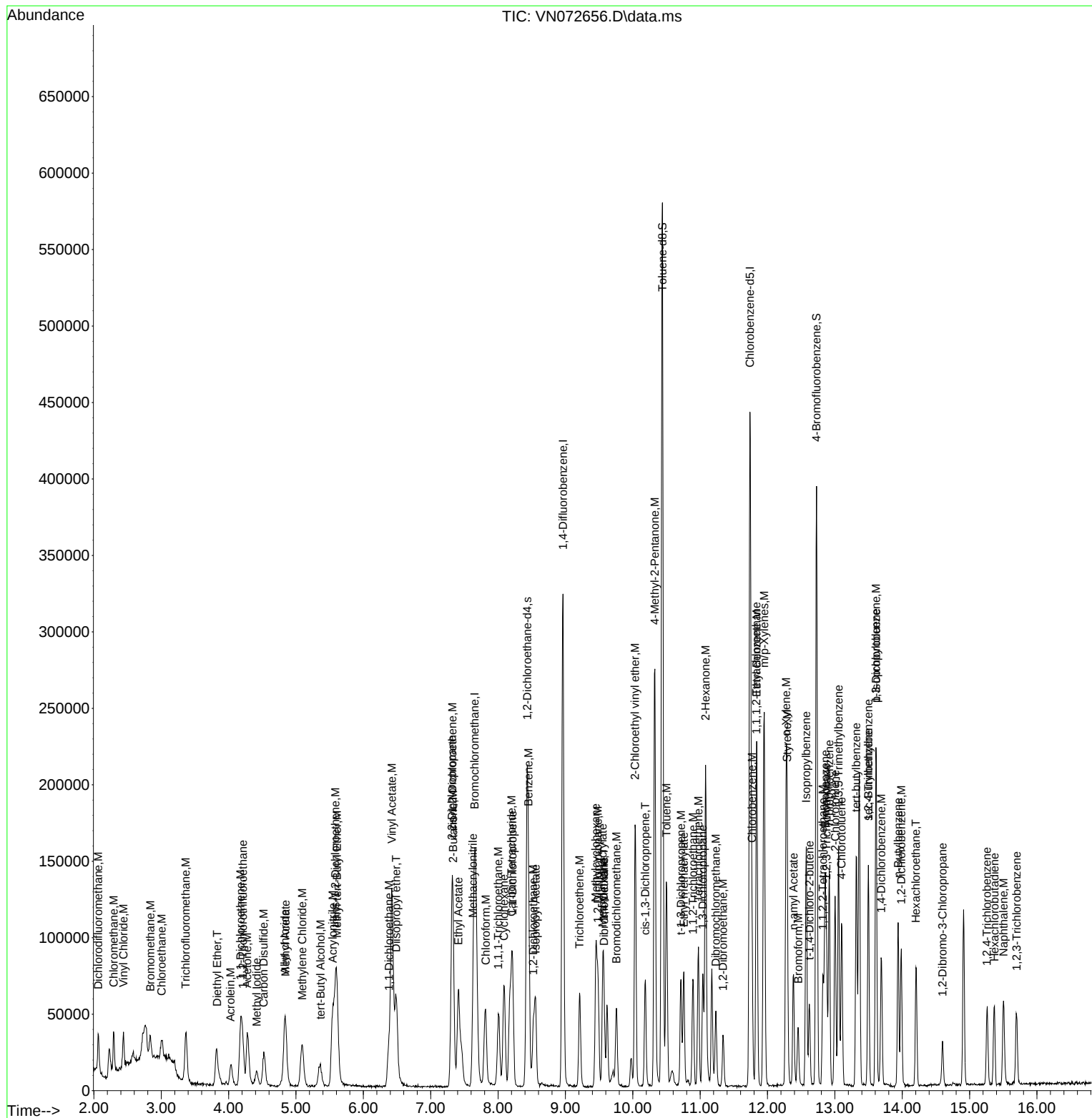
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	40342	6.332	ug/l #	89
44) Isopropyl Acetate	8.557	43	62895	6.282	ug/l	99
45) 1,4-Dioxane	9.569	88	8989	107.196	ug/l #	77
46) Methyl methacrylate	9.551	41	27149	5.783	ug/l	84
47) n-amyl Acetate	12.386	43	43209	5.919	ug/l	100
48) t-1,3-Dichloropropene	10.716	75	36705	6.364	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	38769	6.248	ug/l	92
50) 1,1,2-Trichloroethane	10.892	97	21884	5.794	ug/l	96
51) Ethyl methacrylate	10.757	69	38234	5.908	ug/l	92
52) 1,3-Dichloropropane	11.039	76	40369	6.034	ug/l	98
53) Dibromochloromethane	11.233	129	24053	6.117	ug/l	98
54) 1,2-Dibromoethane	11.339	107	22191	5.713	ug/l	100
55) 2-Chloroethyl vinyl ether	10.033	63	74447	26.743	ug/l	99
56) Bromoform	12.457	173	16292	5.836	ug/l #	97
58) 4-Methyl-2-Pentanone	10.328	43	195758	29.110	ug/l	97
59) 2-Hexanone	11.080	43	143717	29.676	ug/l	99
61) Tetrachloroethene	10.975	164	18277	6.118	ug/l	94
62) Toluene	10.498	91	93826	5.892	ug/l	95
64) Chlorobenzene	11.769	112	53830	5.747	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.833	131	21269	5.714	ug/l	97
66) Ethyl Benzene	11.839	91	103828	5.800	ug/l	97
67) m/p-Xylenes	11.951	106	75233	11.679	ug/l	91
68) o-Xylene	12.274	106	38367	5.938	ug/l	92
69) Styrene	12.292	104	57460	5.632	ug/l	95
70) Isopropylbenzene	12.574	105	99614	6.024	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	33757	5.956	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	46474	8.660	ug/l	49
73) Bromobenzene	12.857	156	19935	5.591	ug/l	74
74) n-propylbenzene	12.916	91	108844	5.805	ug/l	99
75) 2-Chlorotoluene	13.004	91	70880	6.193	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	81026	6.152	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	11941	6.234	ug/l	91
78) 4-Chlorotoluene	13.098	91	64630	6.186	ug/l	93
79) tert-butylbenzene	13.316	119	69852	6.062	ug/l	92
80) 1,2,4-Trimethylbenzene	13.498	105	96887	7.307	ug/l #	100
81) sec-Butylbenzene	13.498	105	96887	5.853	ug/l	97
82) p-Isopropyltoluene	13.610	119	76142	5.930	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	33517	5.392	ug/l	97
84) 1,4-Dichlorobenzene	13.686	146	31171	5.155	ug/l	94
85) n-Butylbenzene	13.939	91	61365	5.734	ug/l	97
86) Hexachloroethane	14.204	117	16936	6.409	ug/l	93
87) 1,2-Dichlorobenzene	13.986	146	33854	5.543	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.598	75	7312	6.202	ug/l	86
89) 1,2,4-Trichlorobenzene	15.257	180	15046	4.946	ug/l	95
90) Hexachlorobutadiene	15.368	225	8304	5.567	ug/l	84
91) Naphthalene	15.504	128	50254	4.553	ug/l	97
92) 1,2,3-Trichlorobenzene	15.698	180	14161	4.589	ug/l	97

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

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ClientSampleId :
VSTDICC005

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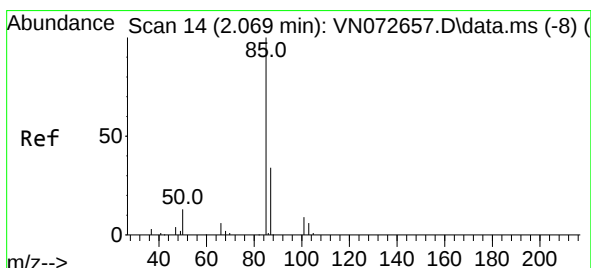
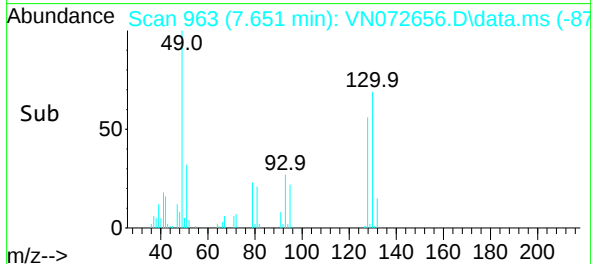
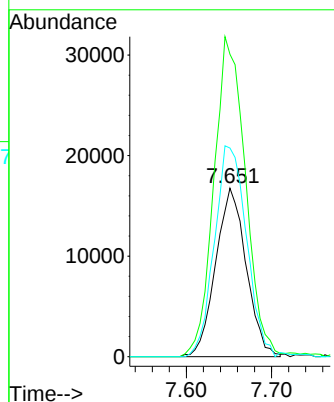
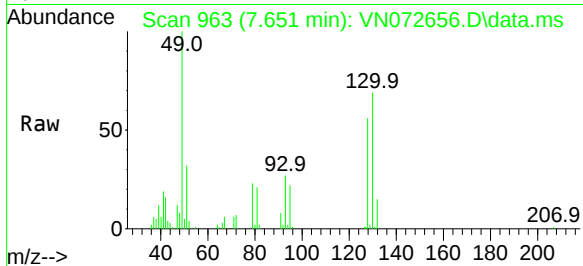




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

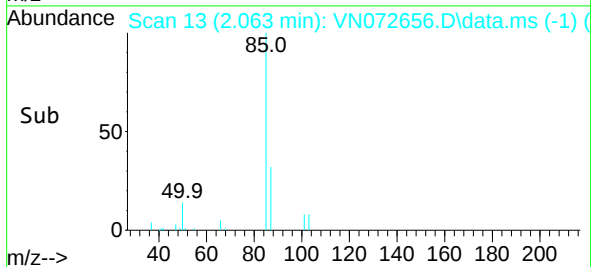
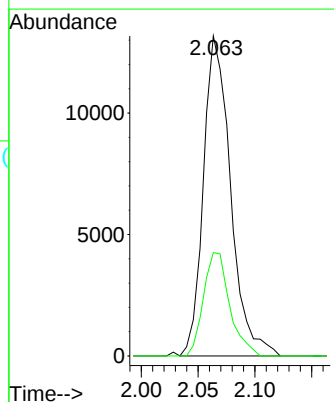
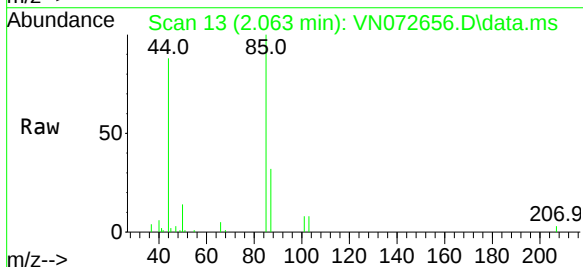
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MSVOA_N
ClientSampleId :
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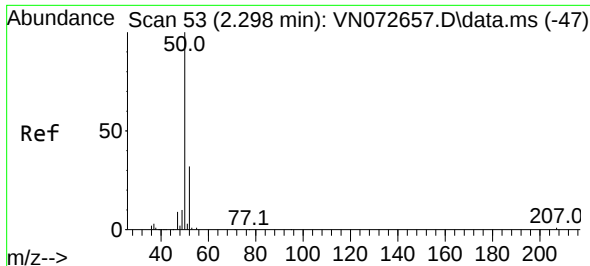
Tgt Ion:128 Resp: 41780
Ion Ratio Lower Upper
128 100
49 195.6 0.0 392.3
130 131.2 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 7.691 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 85 Resp: 21921
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7

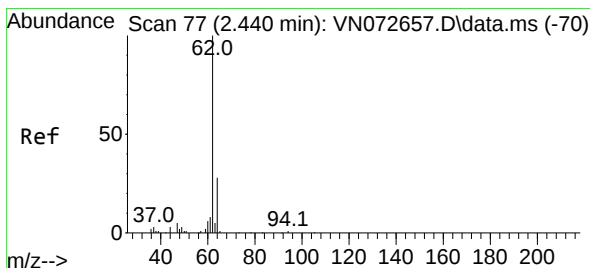
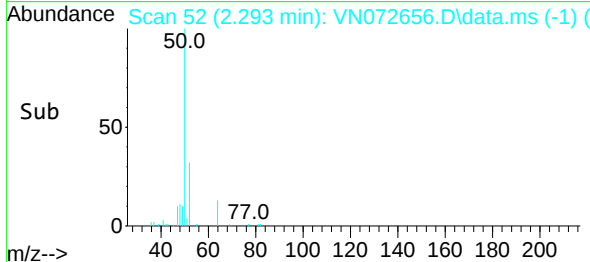
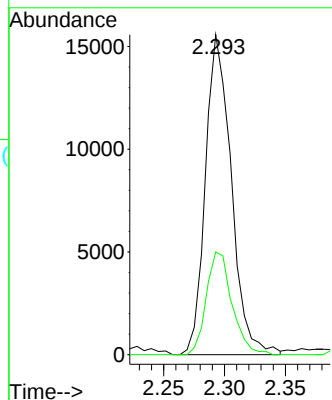
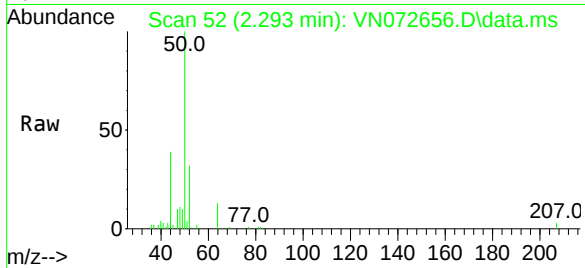




#3
Chloromethane
Concen: 6.133 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

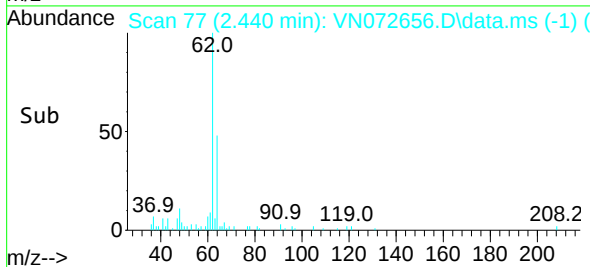
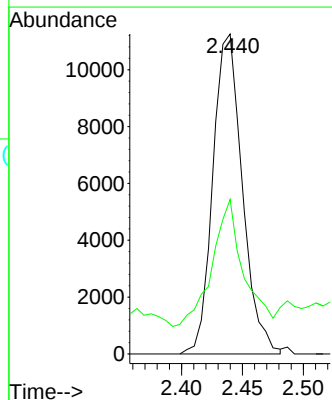
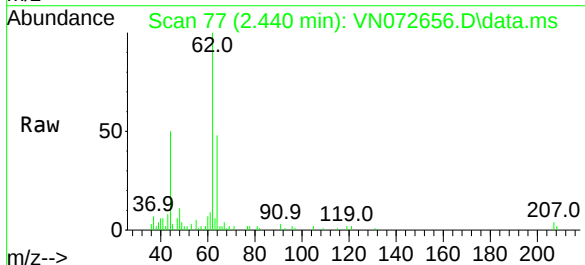
Instrument :
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ClientSampleId :
VSTDIC005

Tgt Ion: 50 Resp: 23044
Ion Ratio Lower Upper
50 100
52 32.1 27.8 41.6



#4
Vinyl Chloride
Concen: 5.966 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 62 Resp: 18936
Ion Ratio Lower Upper
62 100
64 39.1 25.1 37.7#

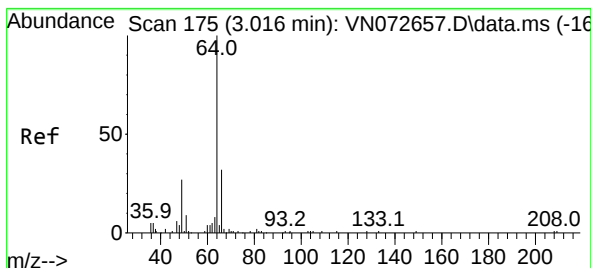
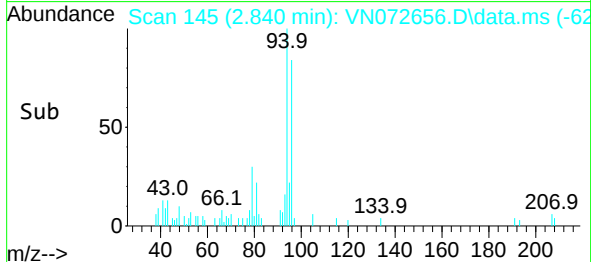
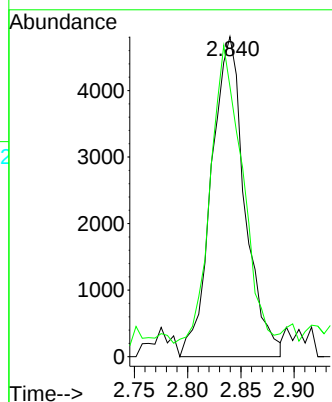
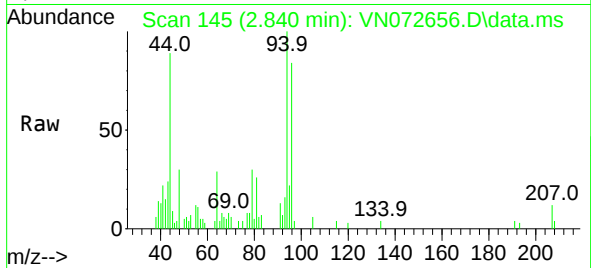




#5
Bromomethane
Concen: 6.651 ug/l
RT: 2.840 min Scan# 147
Delta R.T. -0.012 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

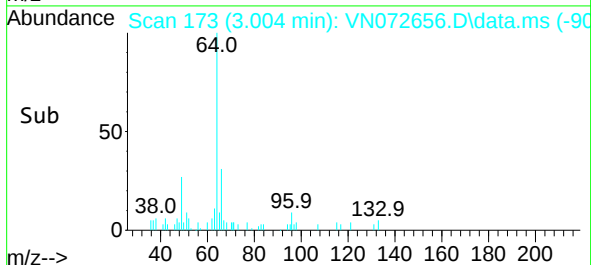
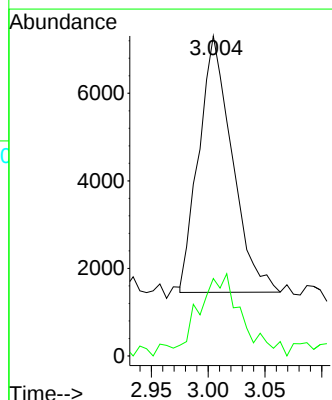
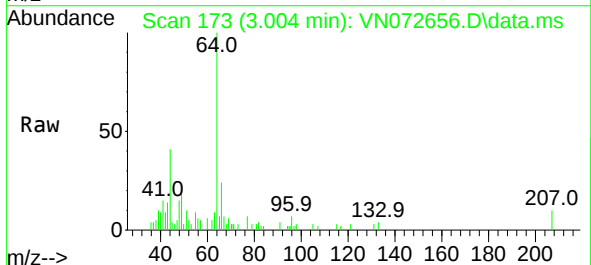
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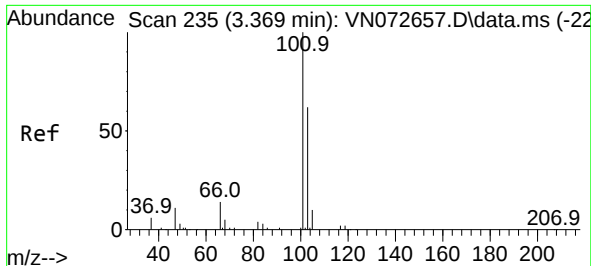
Tgt Ion: 94 Resp: 10491
Ion Ratio Lower Upper
94 100
96 78.9 75.2 112.8



#6
Chloroethane
Concen: 5.915 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 64 Resp: 11939
Ion Ratio Lower Upper
64 100
66 26.0 24.6 36.8

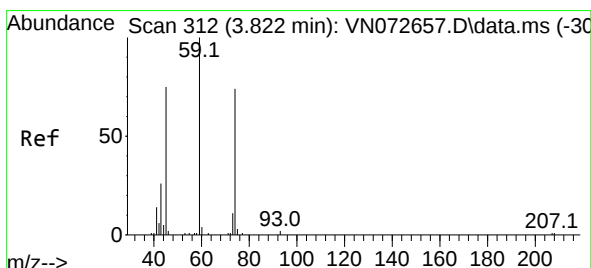
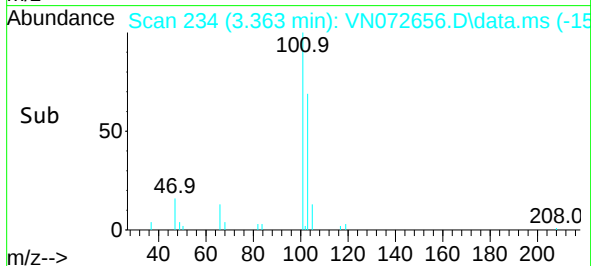
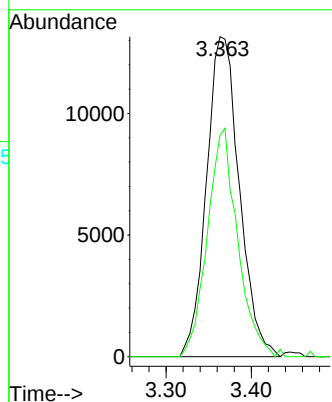
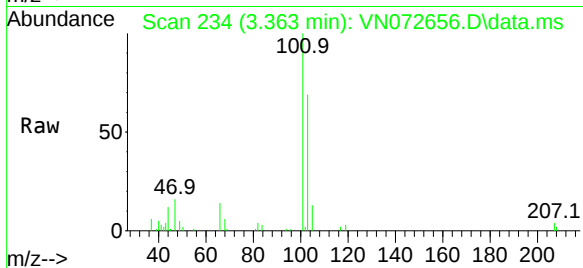




#7
 Trichlorofluoromethane
 Concen: 7.524 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072656.D
 Acq: 06 Jun 2022 10:53

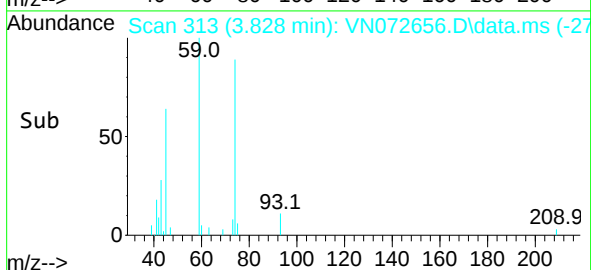
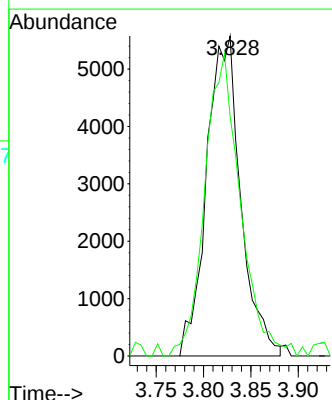
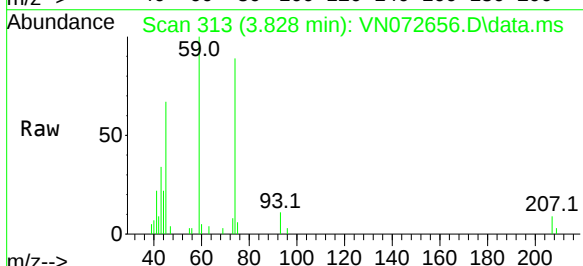
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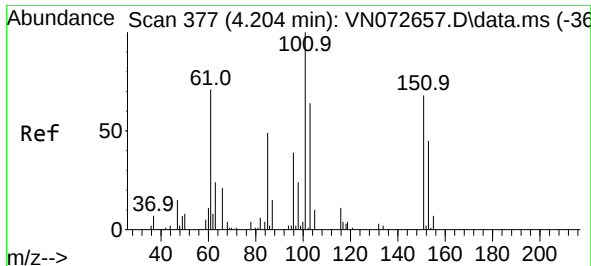
Tgt Ion:101 Resp: 35176
 Ion Ratio Lower Upper
 101 100
 103 69.3 50.1 75.1



#8
 Diethyl Ether
 Concen: 7.326 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.006 min
 Lab File: VN072656.D
 Acq: 06 Jun 2022 10:53

Tgt Ion: 74 Resp: 13996
 Ion Ratio Lower Upper
 74 100
 45 97.8 17.6 158.8

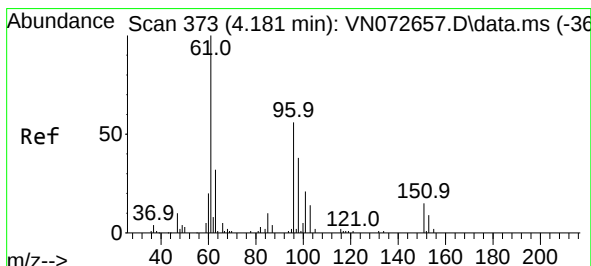
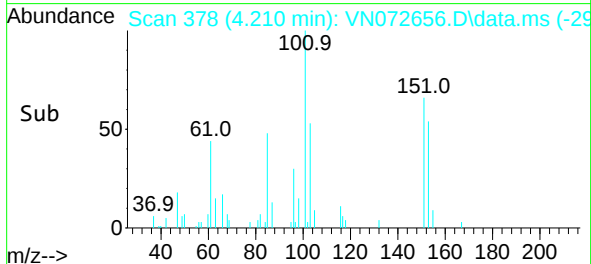
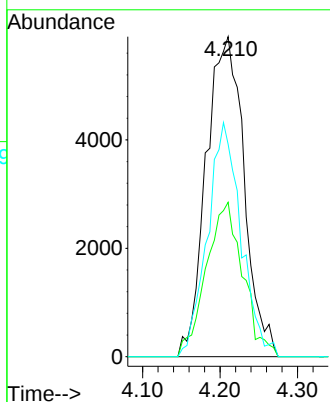
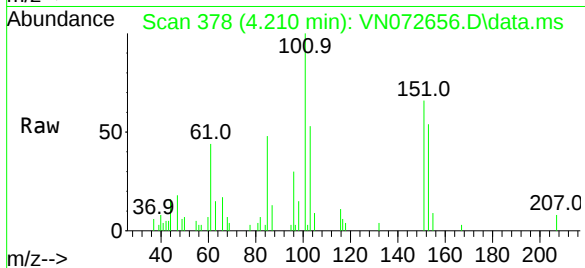




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 7.850 ug/l
 RT: 4.210 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VN072656.D
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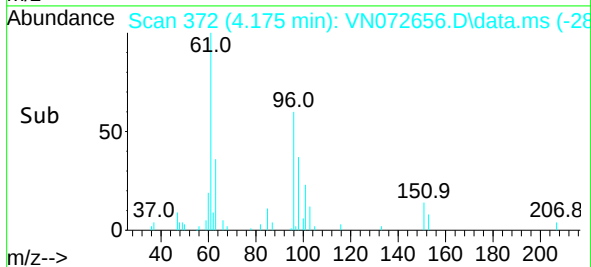
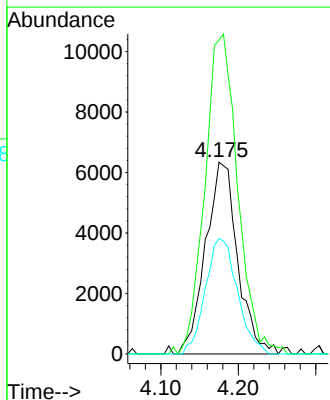
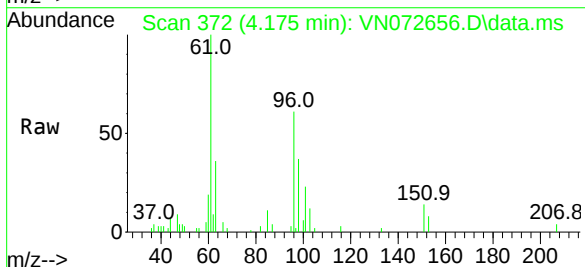
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

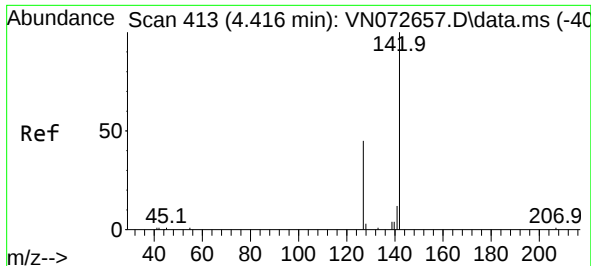
Tgt Ion:	101	Resp:	20057
Ion	Ratio	Lower	Upper
101	100		
85	44.9	0.0	94.0
151	64.0	0.0	74.6



#10
 1,1-Dichloroethene
 Concen: 7.385 ug/l
 RT: 4.175 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: VN072656.D
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Tgt Ion:	96	Resp:	18242
Ion	Ratio	Lower	Upper
96	100		
61	163.6	126.2	189.4
98	60.1	50.9	76.3

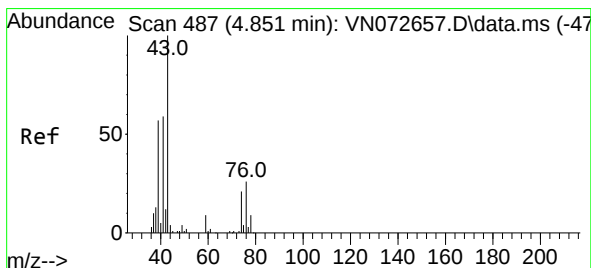
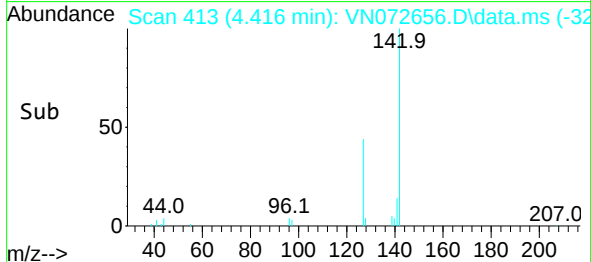
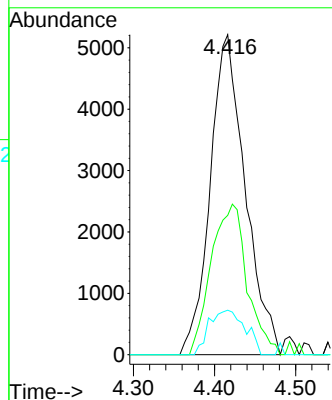
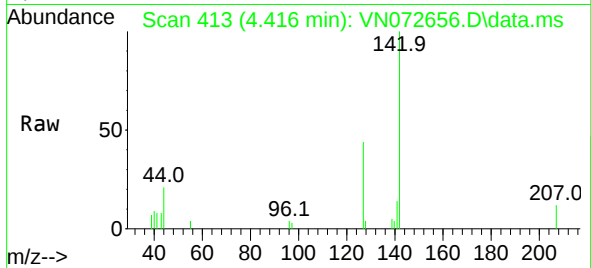




#11
Methyl Iodide
Concen: 6.411 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

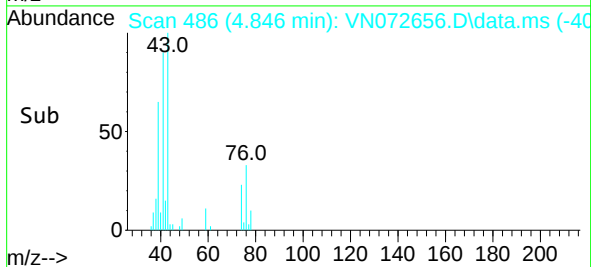
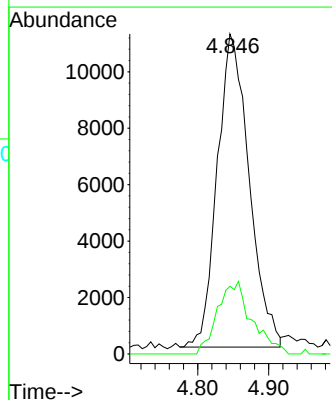
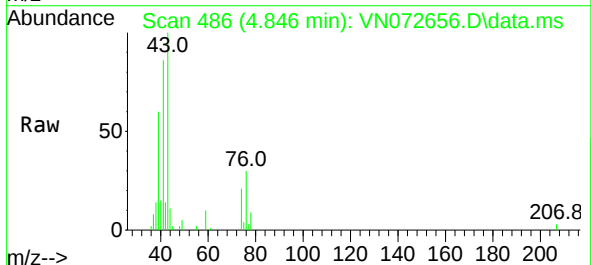
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

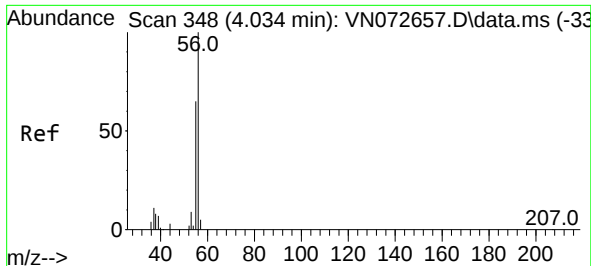
Tgt Ion:142 Resp: 15624
Ion Ratio Lower Upper
142 100
127 43.6 24.0 72.0
141 12.1 8.4 25.2



#12
Methyl Acetate
Concen: 6.949 ug/l
RT: 4.846 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 43 Resp: 34584
Ion Ratio Lower Upper
43 100
74 20.6 20.8 31.2#

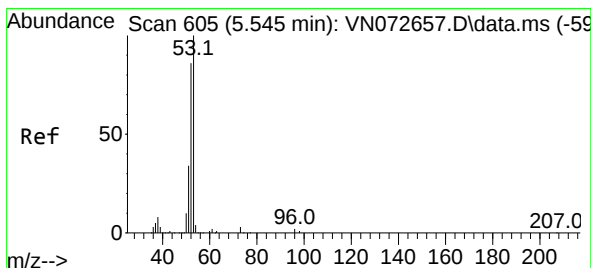
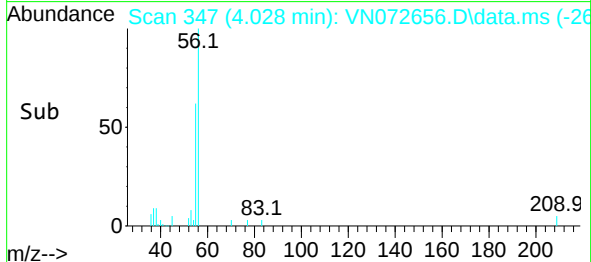
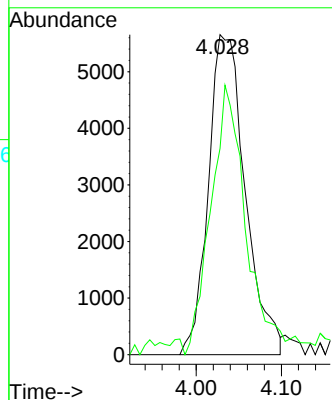
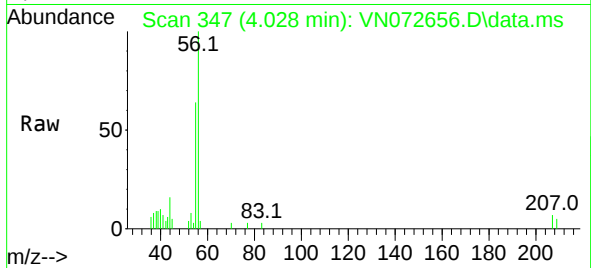




#13
Acrolein
Concen: 31.271 ug/l
RT: 4.028 min Scan# 348
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

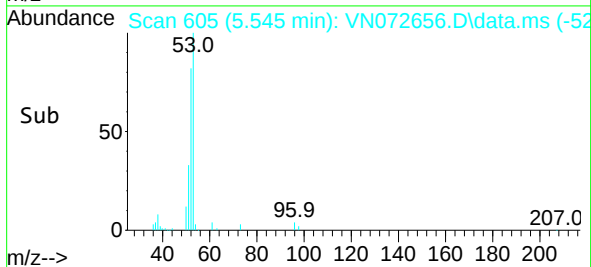
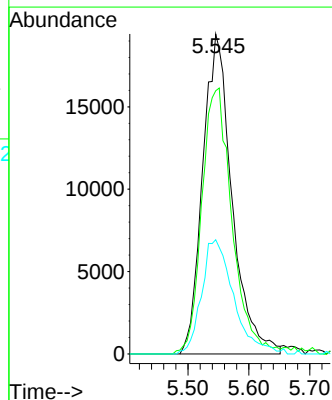
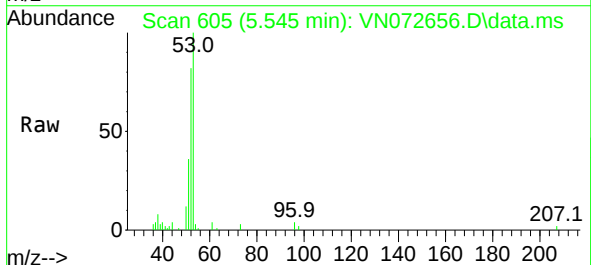
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

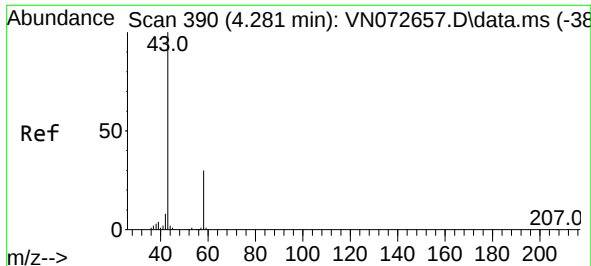
Tgt Ion: 56 Resp: 17038
Ion Ratio Lower Upper
56 100
55 79.3 57.6 86.4



#14
Acrylonitrile
Concen: 30.579 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 53 Resp: 64862
Ion Ratio Lower Upper
53 100
52 85.1 41.8 125.4
51 38.8 19.0 57.0

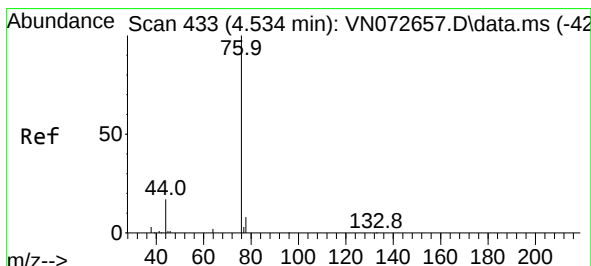
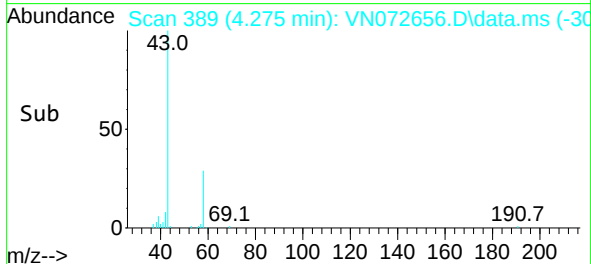
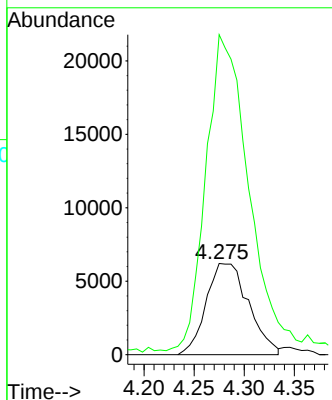
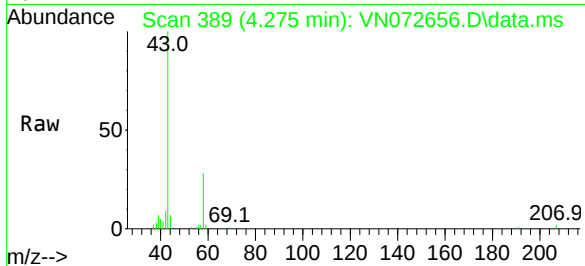




#15
Acetone
Concen: 33.287 ug/l
RT: 4.275 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

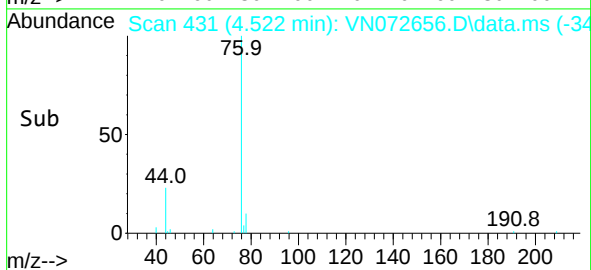
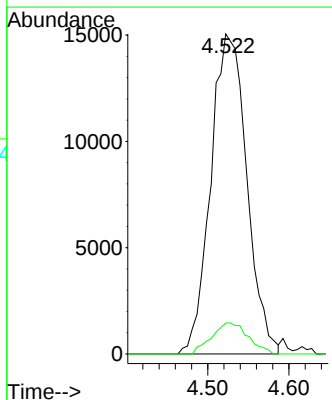
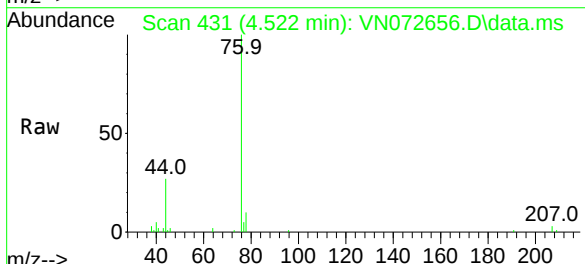
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

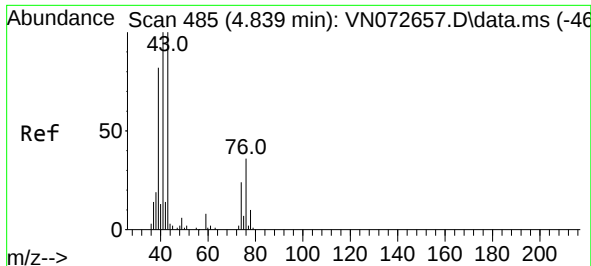
Tgt Ion: 58 Resp: 18299
Ion Ratio Lower Upper
58 100
43 342.0 256.6 384.8



#16
Carbon Disulfide
Concen: 6.969 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 76 Resp: 46487
Ion Ratio Lower Upper
76 100
78 9.6 7.8 11.8





#17

Allyl chloride

Concen: 7.096 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

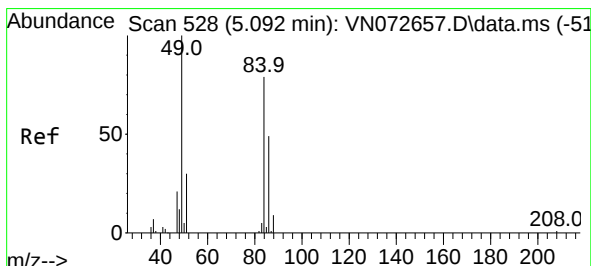
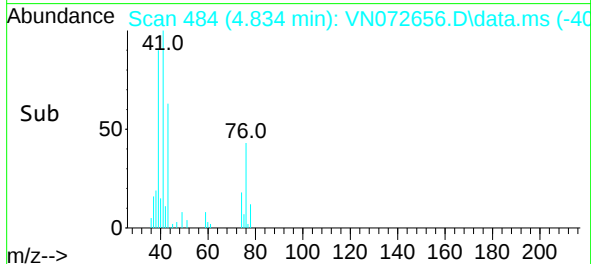
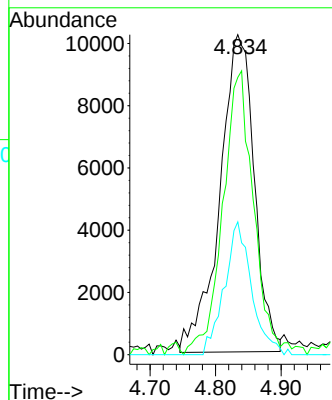
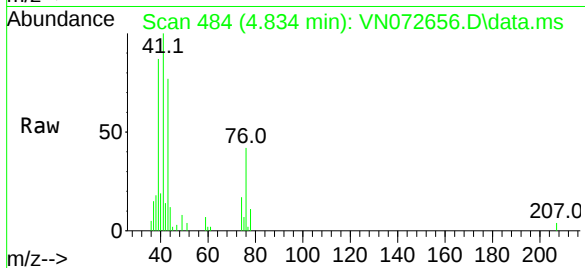
Tgt Ion: 41 Resp: 37274

Ion Ratio Lower Upper

41 100

39 87.3 44.6 134.0

76 42.6 19.6 58.7



#18

Methylene Chloride

Concen: 6.628 ug/l

RT: 5.093 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Tgt Ion: 84 Resp: 21370

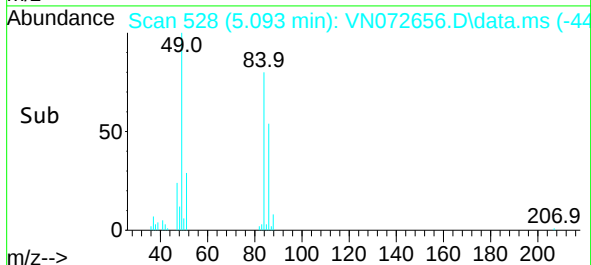
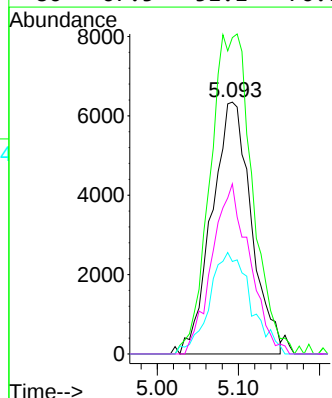
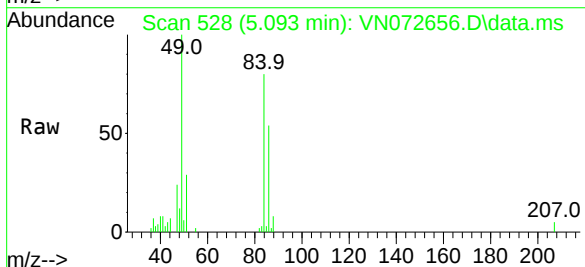
Ion Ratio Lower Upper

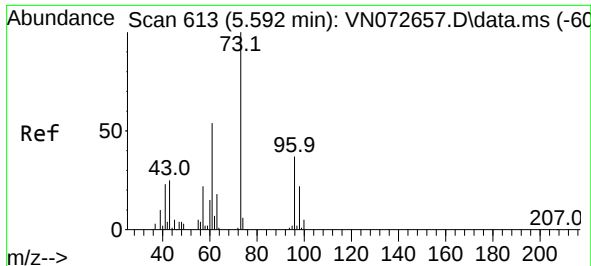
84 100

49 122.2 91.4 137.0

51 33.6 29.4 44.0

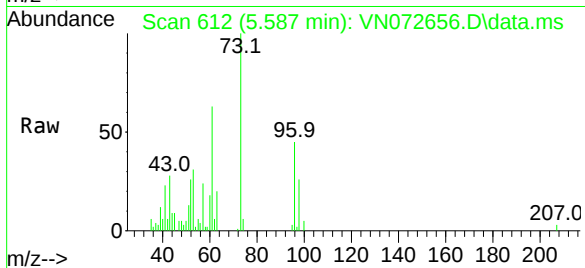
86 67.5 51.1 76.7



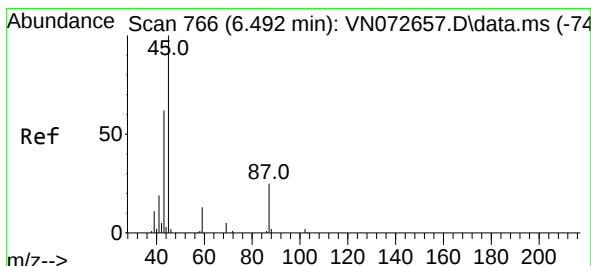
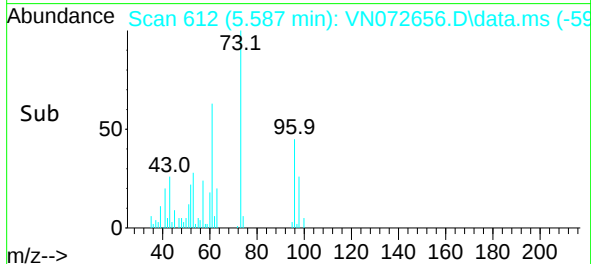
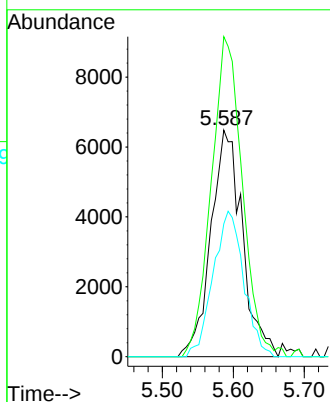


#19
trans-1,2-Dichloroethene
Concen: 7.381 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

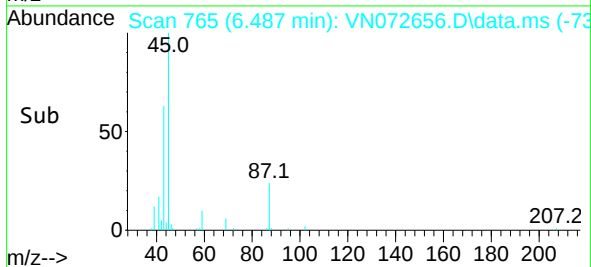
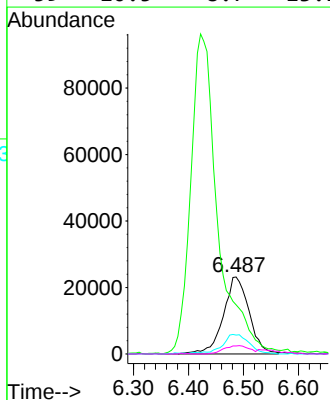
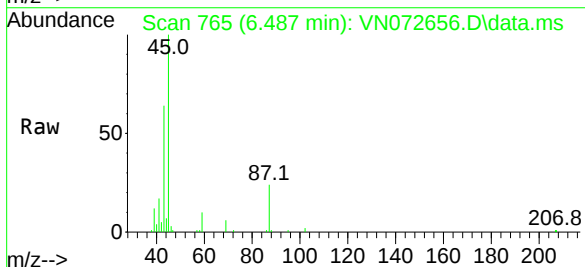


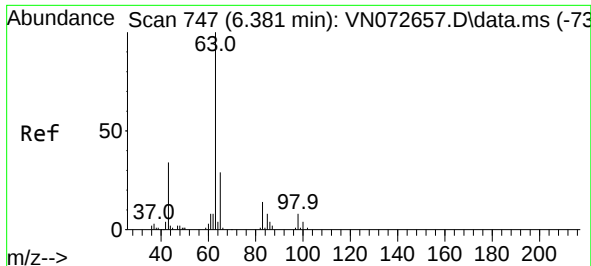
Tgt Ion: 96 Resp: 19946
Ion Ratio Lower Upper
96 100
61 141.3 102.8 154.2
98 58.6 49.3 73.9



#20
Diisopropyl ether
Concen: 6.331 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 45 Resp: 75210
Ion Ratio Lower Upper
45 100
43 59.1 51.0 76.4
87 24.5 25.0 37.4#
59 10.5 8.7 13.1





#21

1,1-Dichloroethane

Concen: 6.364 ug/l

RT: 6.381 min Scan# 74

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

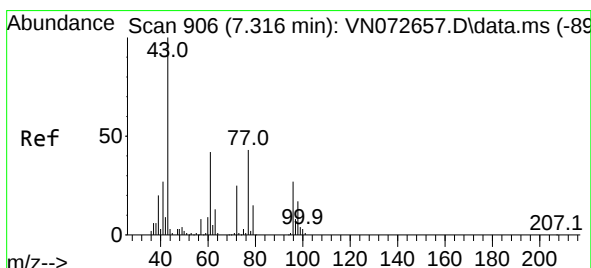
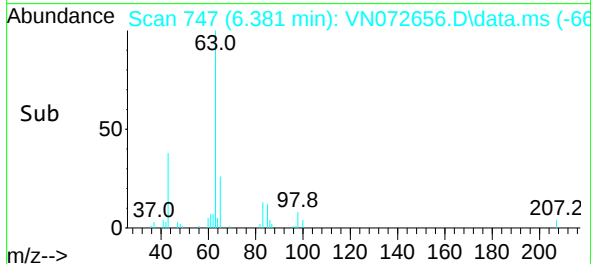
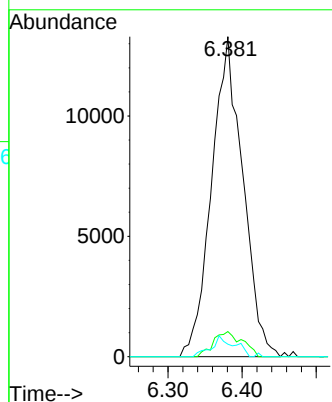
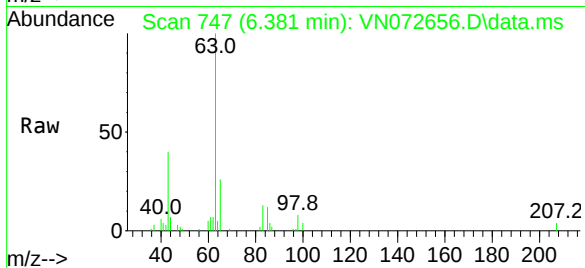
Tgt Ion: 63 Resp: 38829

Ion Ratio Lower Upper

63 100

98 7.9 3.2 9.6

100 3.9 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 6.679 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

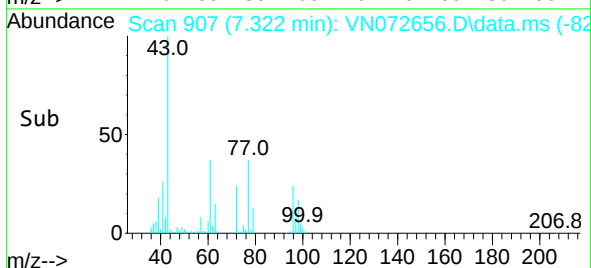
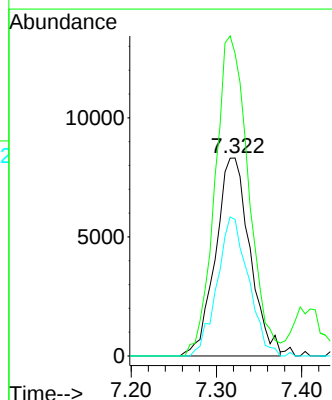
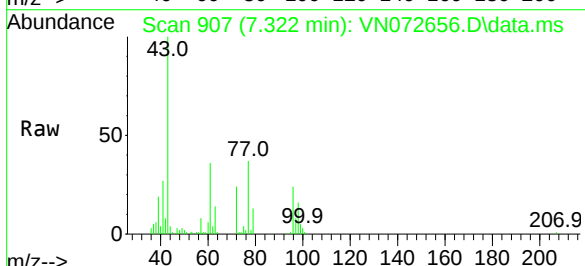
Tgt Ion: 96 Resp: 23219

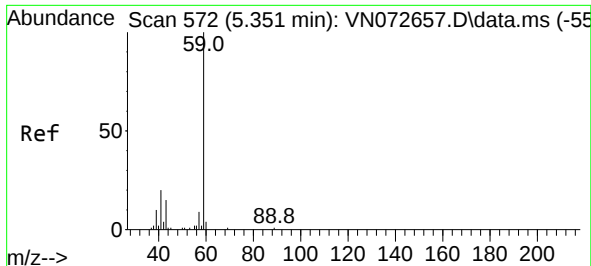
Ion Ratio Lower Upper

96 100

61 158.2 115.7 173.5

98 63.6 51.6 77.4

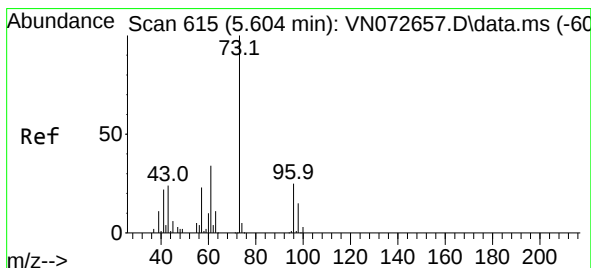
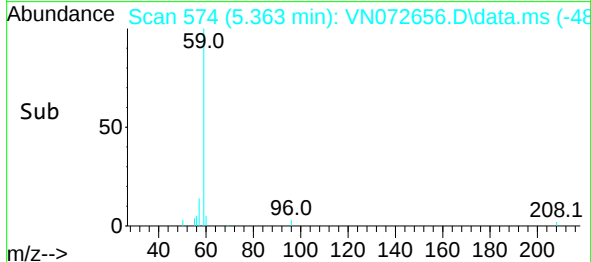
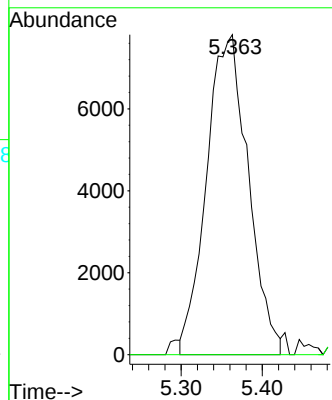
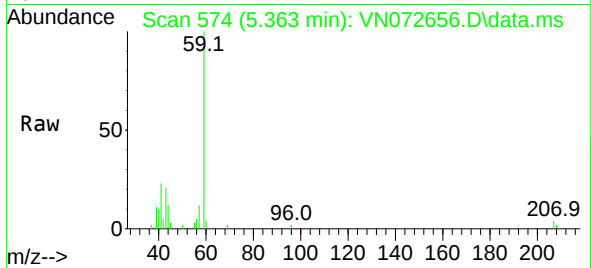




#23
tert-Butyl Alcohol
Concen: 35.285 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

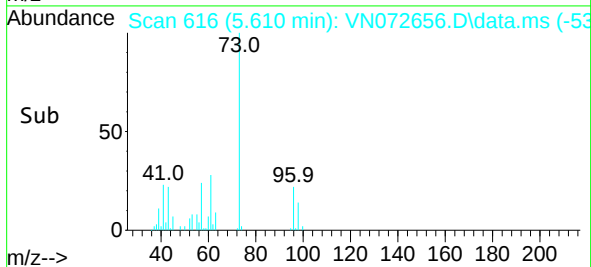
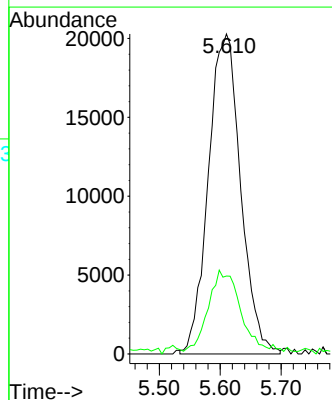
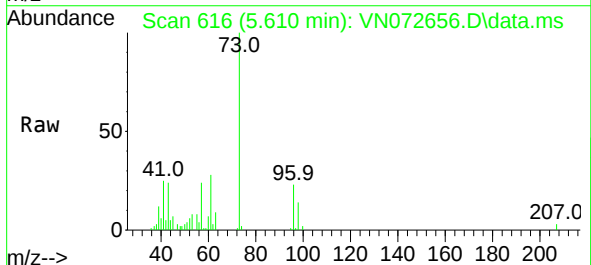
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

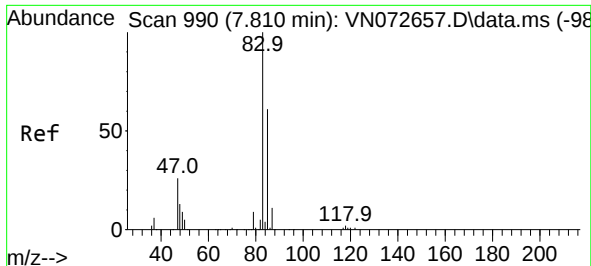
Tgt Ion: 59 Resp: 27874
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 7.474 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 73 Resp: 74693
Ion Ratio Lower Upper
73 100
43 12.2 18.1 27.1#

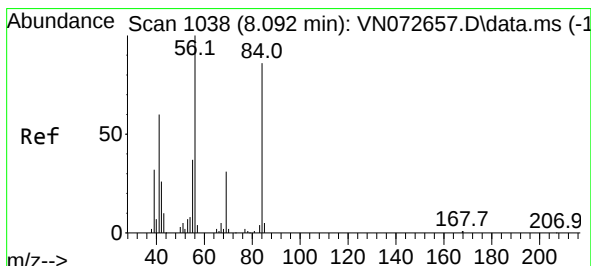
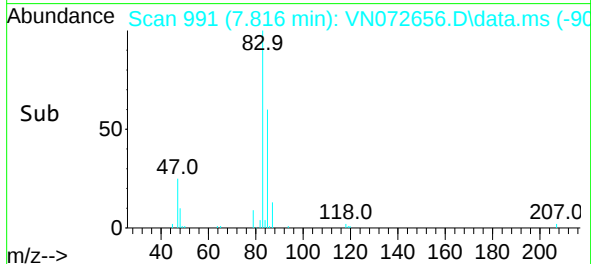
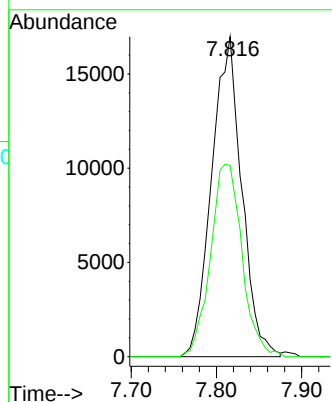
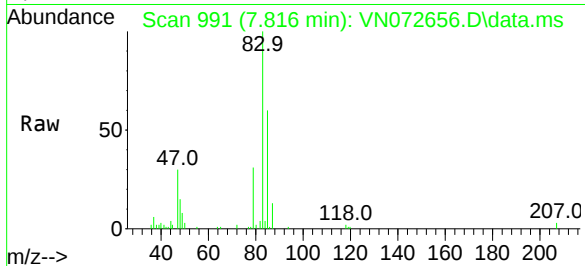




#25
Chloroform
Concen: 6.630 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

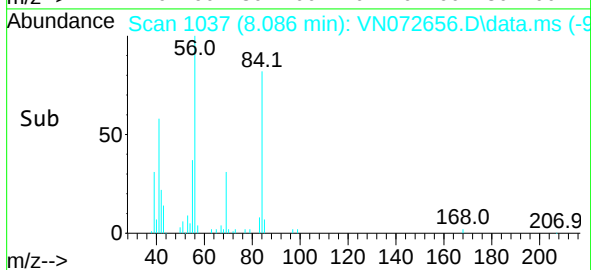
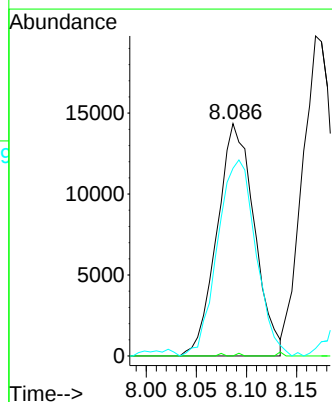
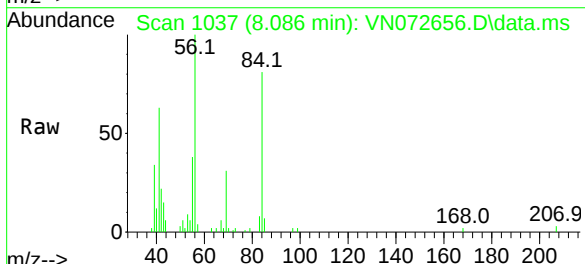
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

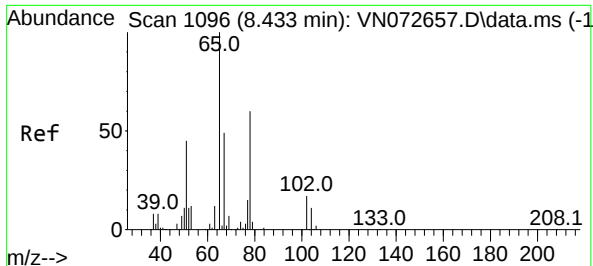
Tgt Ion: 83 Resp: 41556
Ion Ratio Lower Upper
83 100
85 59.8 51.3 76.9



#26
Cyclohexane
Concen: 6.522 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 56 Resp: 37081
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.5 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 35.616 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

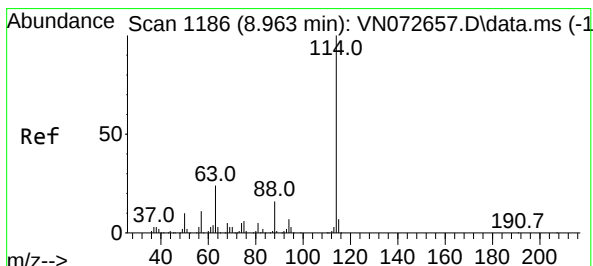
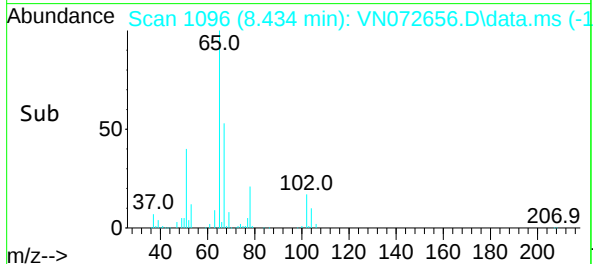
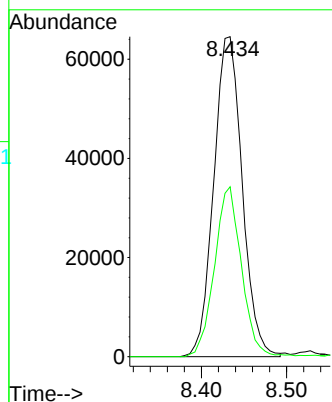
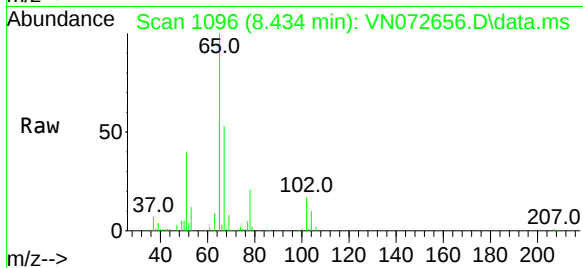
VSTDIC005

Tgt Ion: 65 Resp: 149930

Ion Ratio Lower Upper

65 100

67 50.3 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

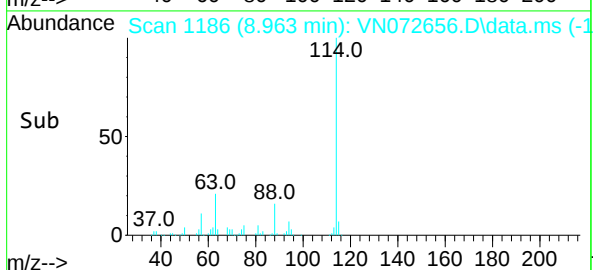
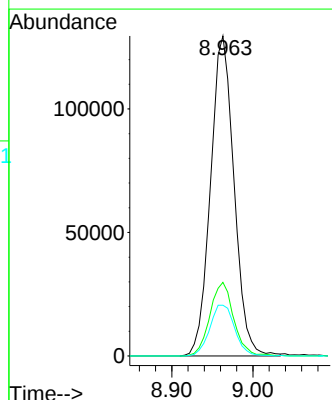
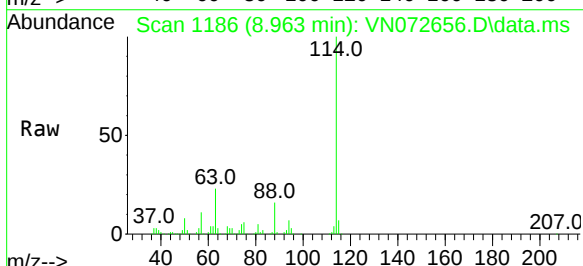
Tgt Ion: 114 Resp: 260959

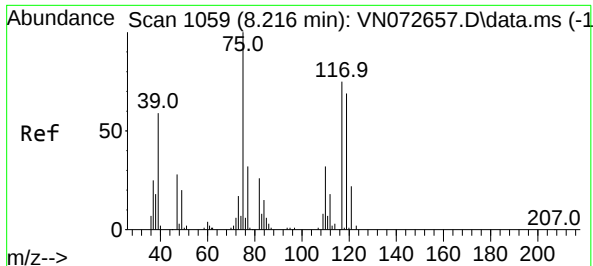
Ion Ratio Lower Upper

114 100

63 23.0 15.8 23.6

88 16.9 11.6 17.4





#29

1,1-Dichloropropene

Concen: 5.973 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

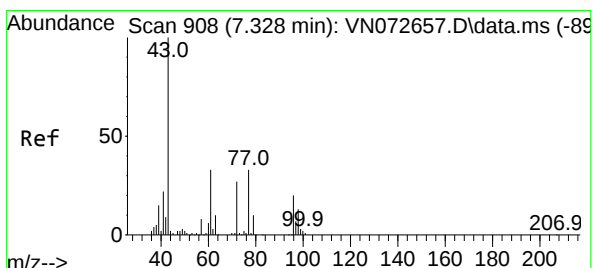
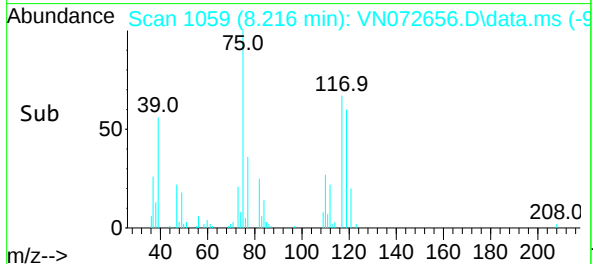
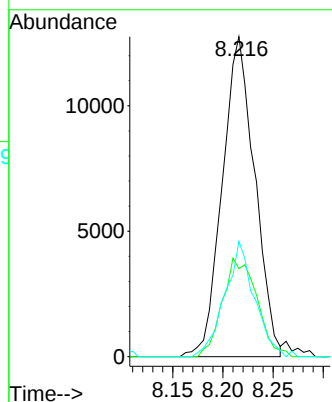
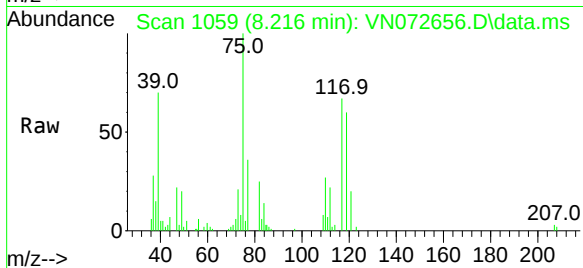
Tgt Ion: 75 Resp: 28700

Ion Ratio Lower Upper

75 100

110 32.7 0.0 74.2

77 32.7 0.0 63.2



#30

2-Butanone

Concen: 30.479 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

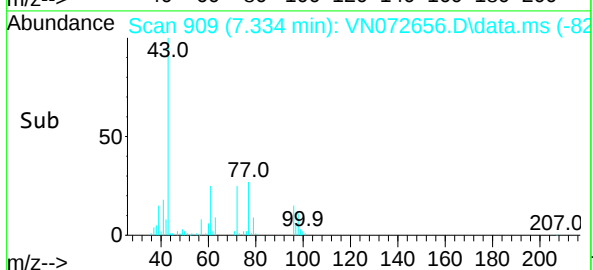
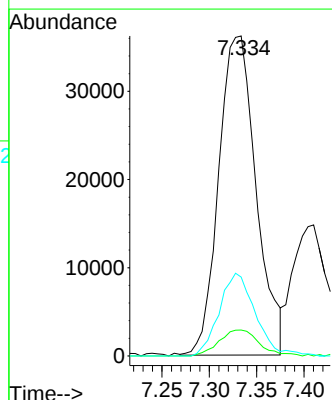
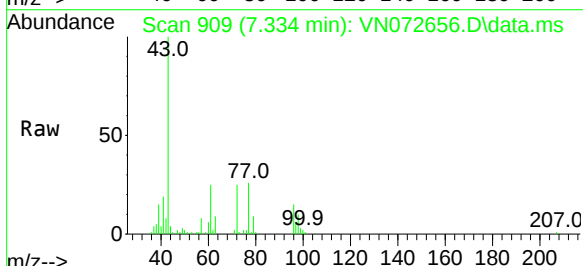
Tgt Ion: 43 Resp: 99624

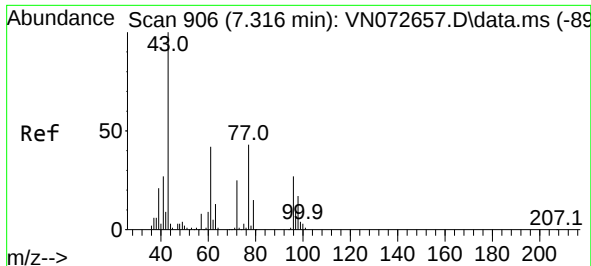
Ion Ratio Lower Upper

43 100

57 8.4 6.7 10.1

72 24.3 23.2 34.8





#31

2,2-Dichloropropane

Concen: 7.597 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

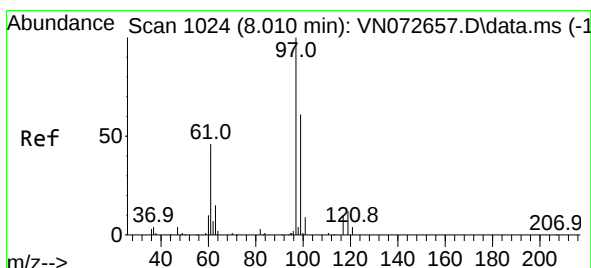
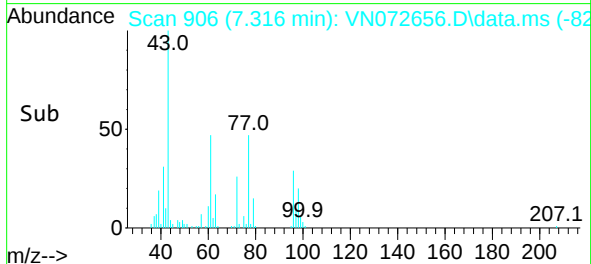
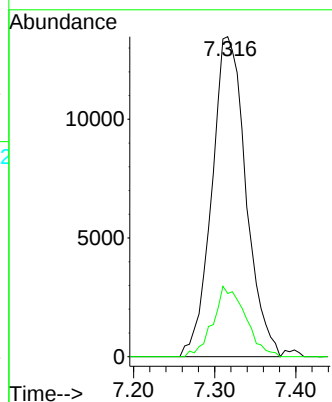
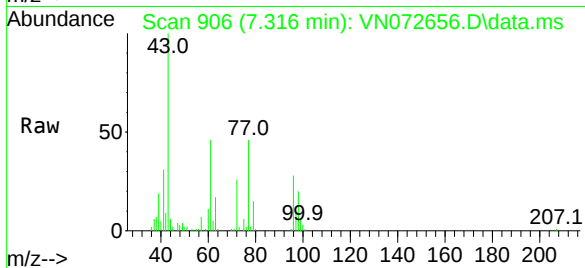
VSTDIC005

Tgt Ion: 77 Resp: 39311

Ion Ratio Lower Upper

77 100

97 20.9 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 6.930 ug/l

RT: 8.004 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

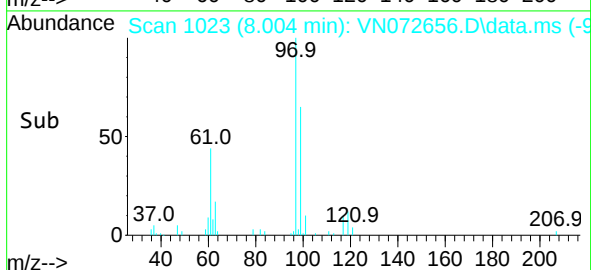
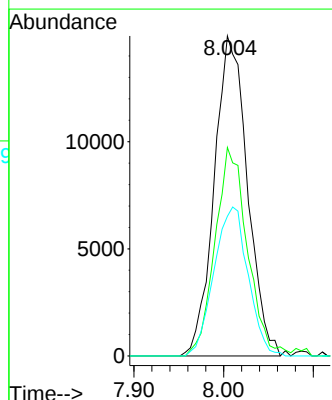
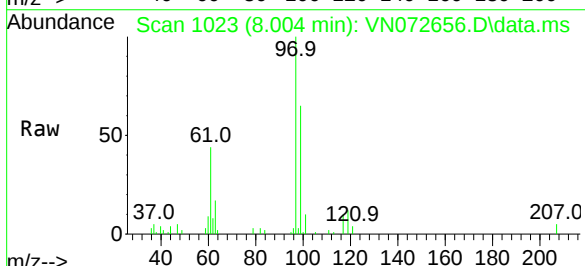
Tgt Ion: 97 Resp: 38313

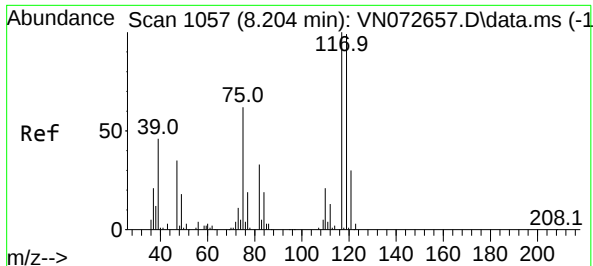
Ion Ratio Lower Upper

97 100

99 62.7 50.4 75.6

61 47.8 34.6 51.8

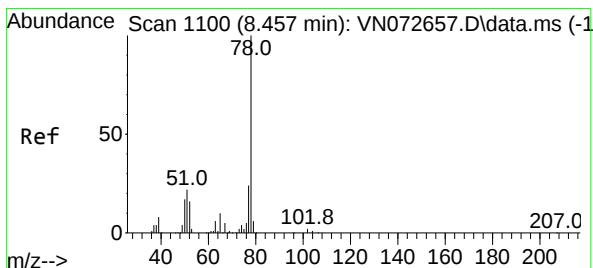
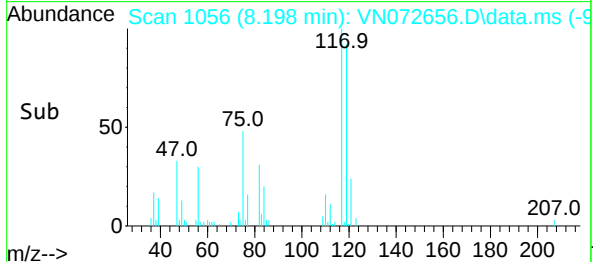
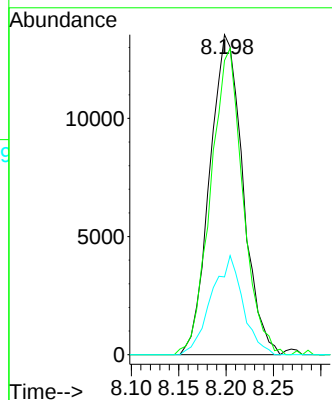
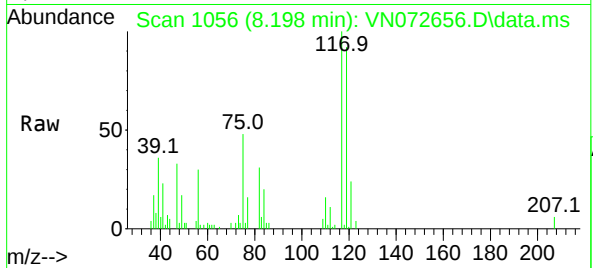




#33
Carbon Tetrachloride
Concen: 6.750 ug/l
RT: 8.198 min Scan# 1098
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

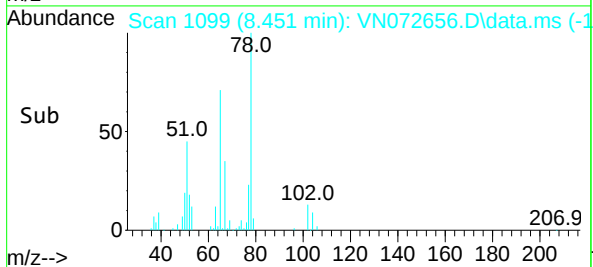
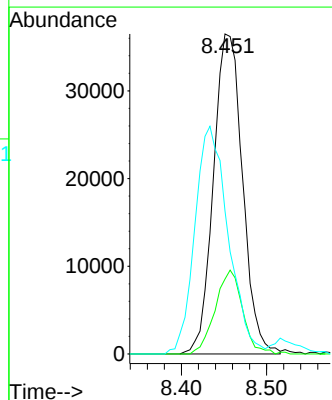
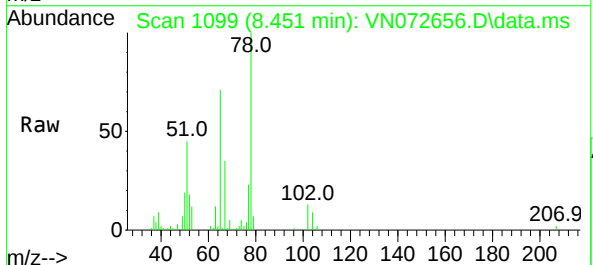
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

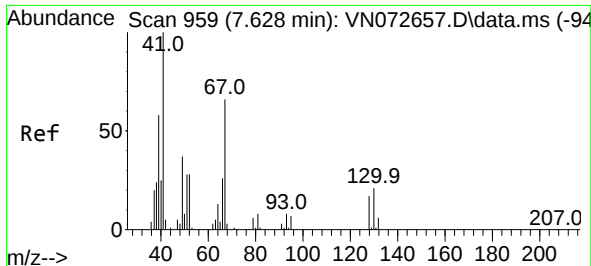
Tgt Ion:117 Resp: 32981
Ion Ratio Lower Upper
117 100
119 90.2 77.5 116.3
121 24.3 23.5 35.3



#34
Benzene
Concen: 5.790 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 78 Resp: 86558
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 39.7 16.0 24.0#

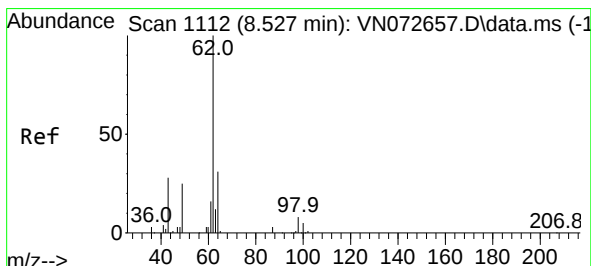
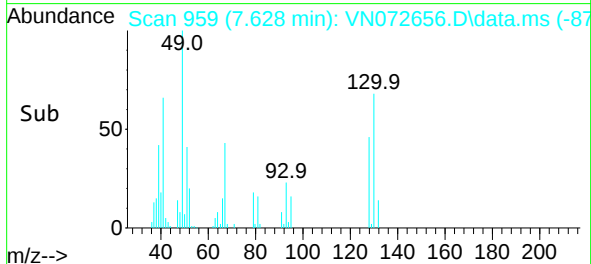
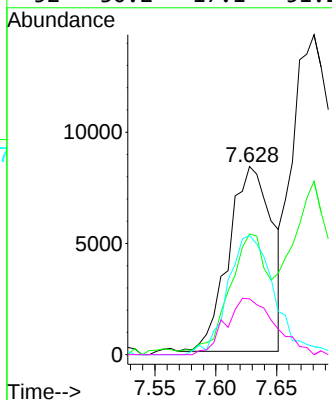
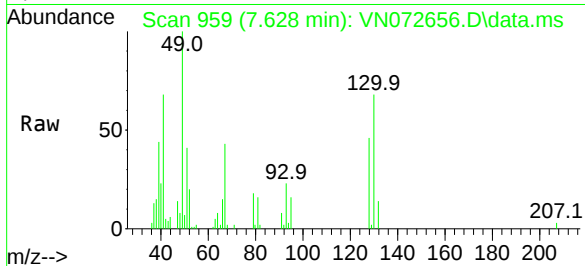




#35
Methacrylonitrile
Concen: 6.141 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

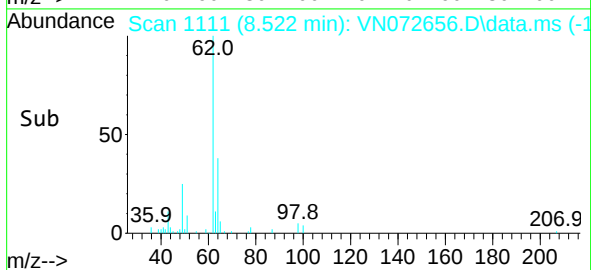
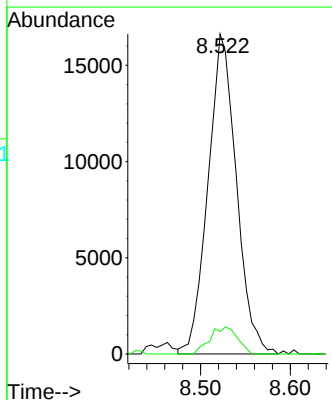
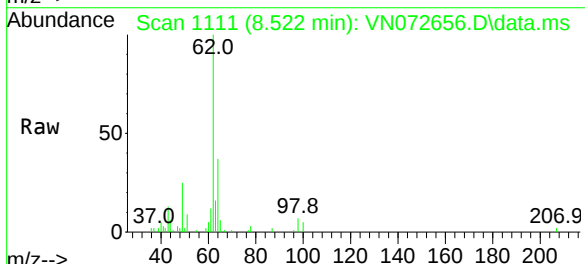
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

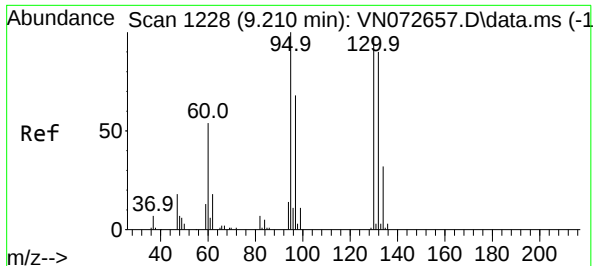
Tgt Ion:	41	Resp:	20643
Ion	Ratio	Lower	Upper
41	100		
39	63.5	28.0	83.9
67	64.6	37.7	113.1
52	30.2	17.1	51.2



#36
1,2-Dichloroethane
Concen: 7.062 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion:	62	Resp:	36483
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.6	10.0





#37

Trichloroethene

Concen: 5.500 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

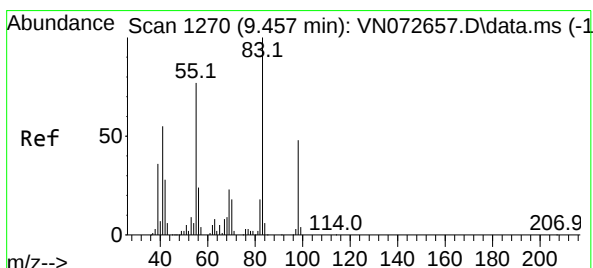
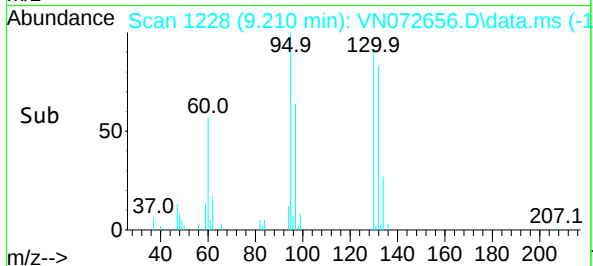
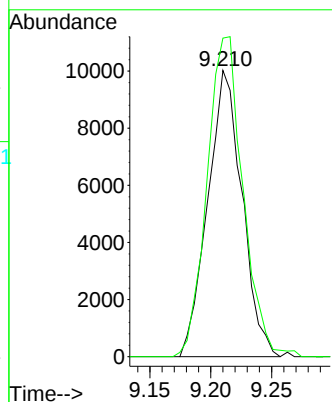
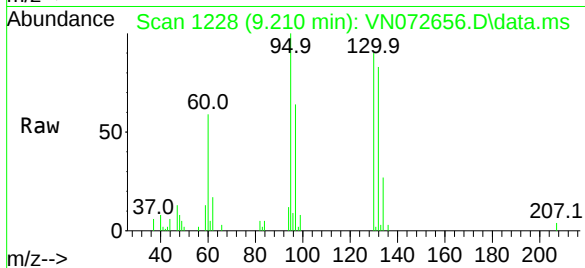
VSTDIC005

Tgt Ion:130 Resp: 19633

Ion Ratio Lower Upper

130 100

95 109.8 76.6 115.0



#38

Methylcyclohexane

Concen: 6.329 ug/l

RT: 9.451 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

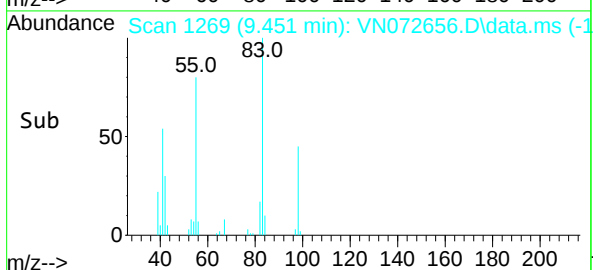
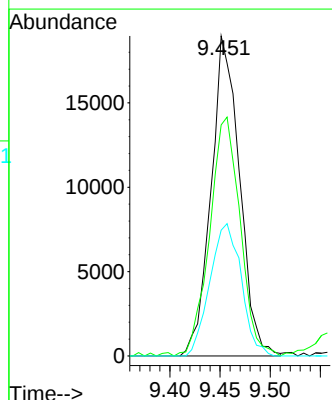
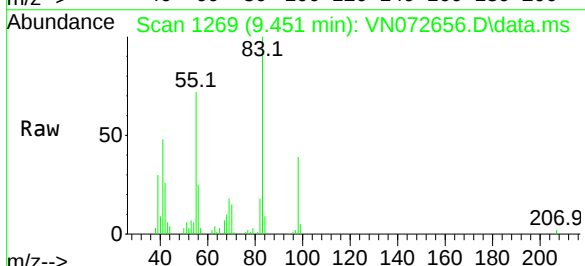
Tgt Ion: 83 Resp: 37549

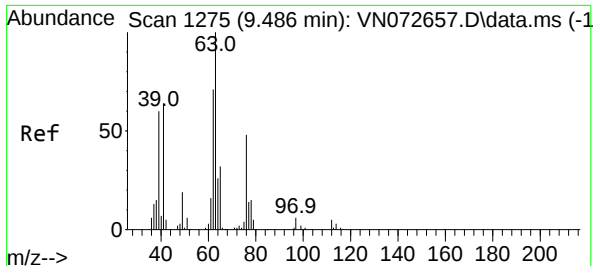
Ion Ratio Lower Upper

83 100

55 79.8 35.1 105.3

98 45.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 5.796 ug/l

RT: 9.481 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

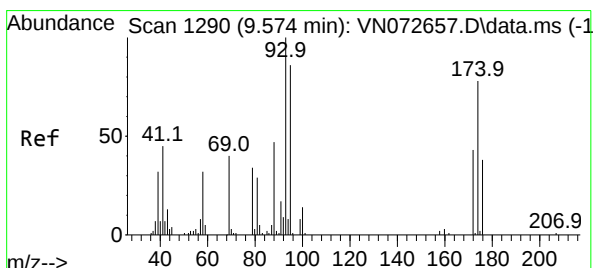
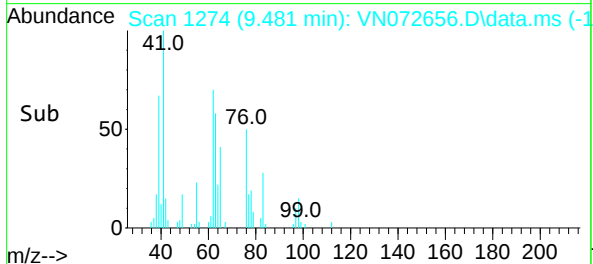
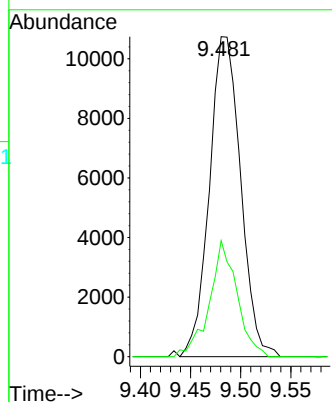
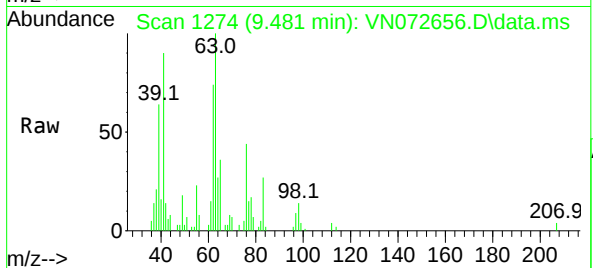
VSTDICC005

Tgt Ion: 63 Resp: 23257

Ion Ratio Lower Upper

63 100

65 36.3 24.2 36.4



#40

Dibromomethane

Concen: 6.027 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

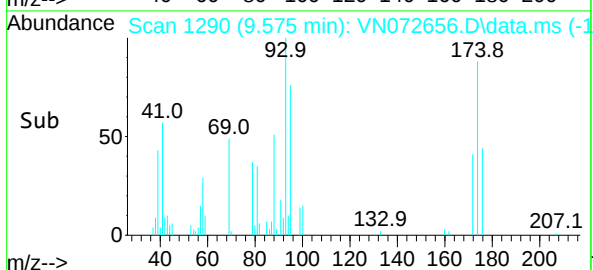
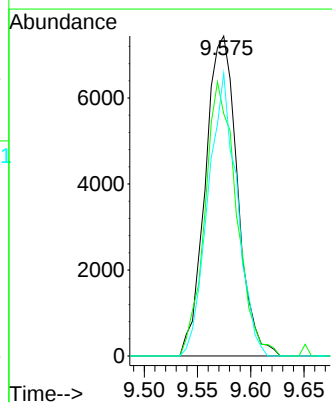
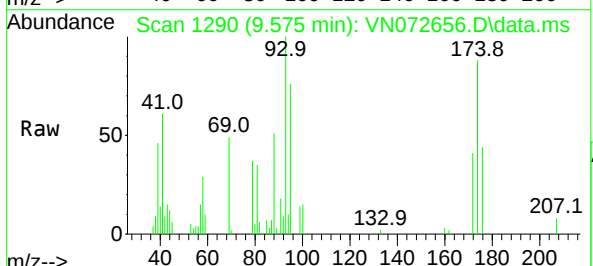
Tgt Ion: 93 Resp: 15583

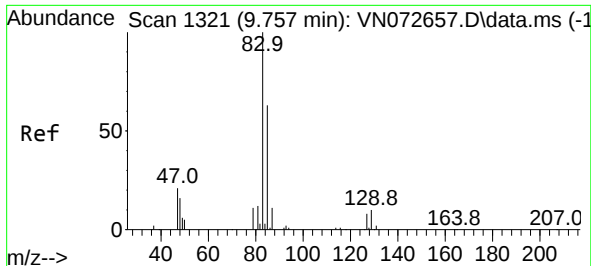
Ion Ratio Lower Upper

93 100

95 84.4 0.0 168.8

174 79.7 0.0 173.6

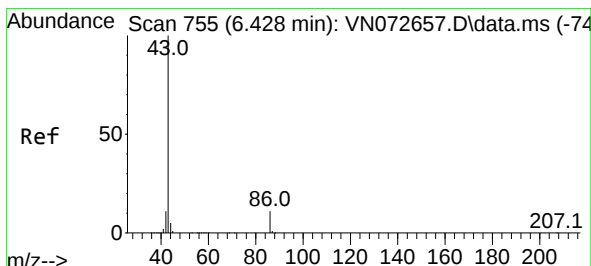
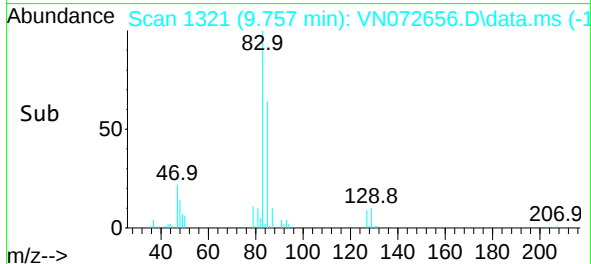
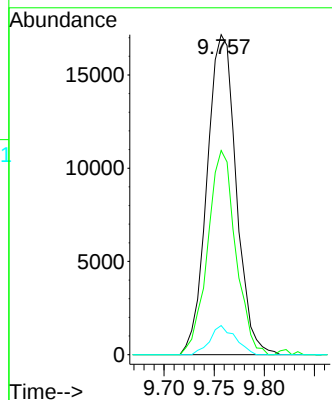
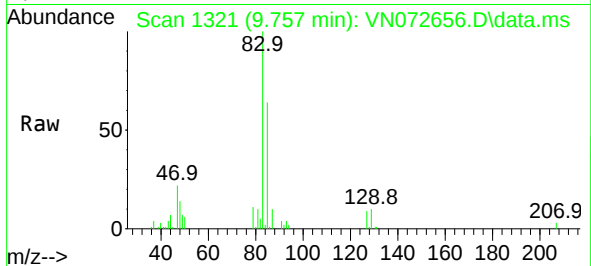




#41
Bromodichloromethane
Concen: 6.567 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

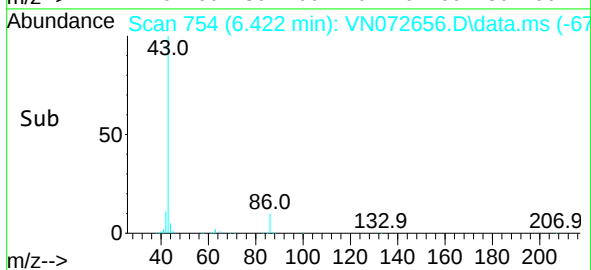
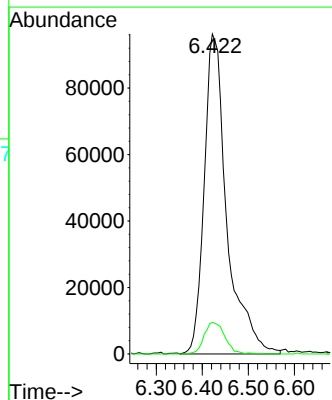
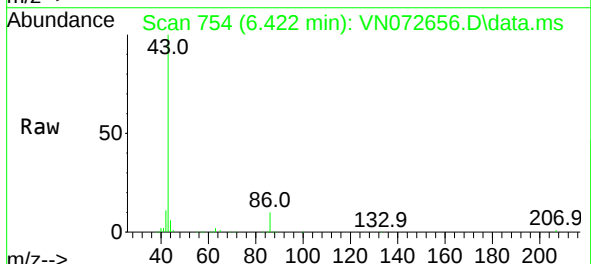
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

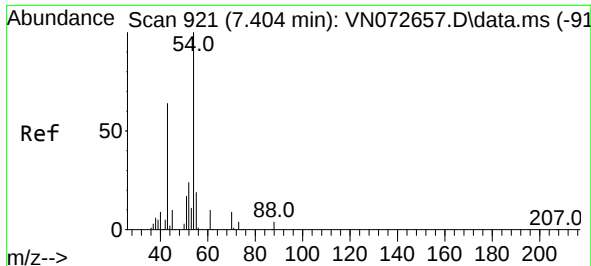
Tgt Ion: 83 Resp: 34699
Ion Ratio Lower Upper
83 100
85 63.8 54.1 81.1
127 9.1 7.6 11.4



#42
Vinyl Acetate
Concen: 30.771 ug/l
RT: 6.422 min Scan# 754
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 43 Resp: 329981
Ion Ratio Lower Upper
43 100
86 9.0 7.5 11.3

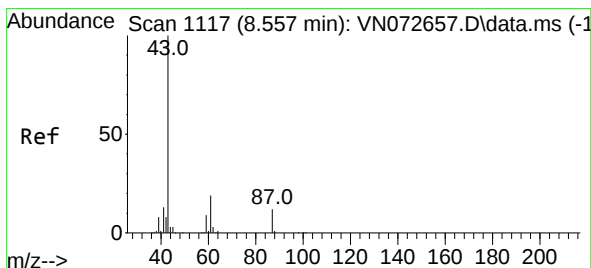
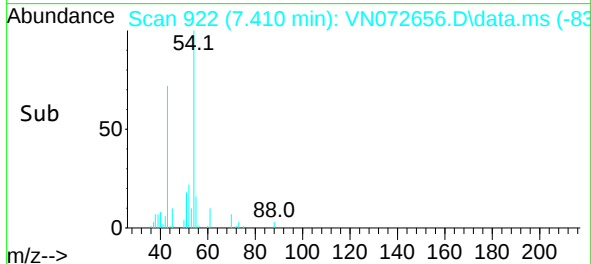
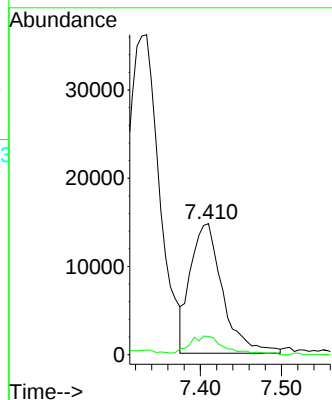
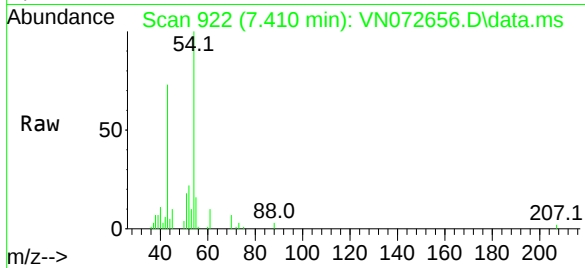




#43
Ethyl Acetate
Concen: 6.332 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

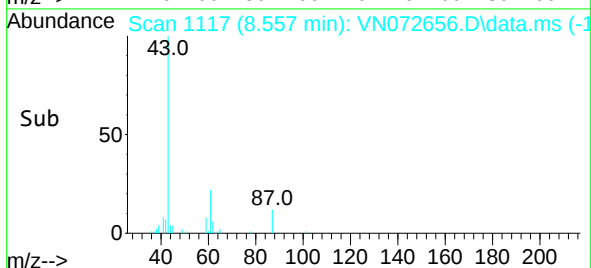
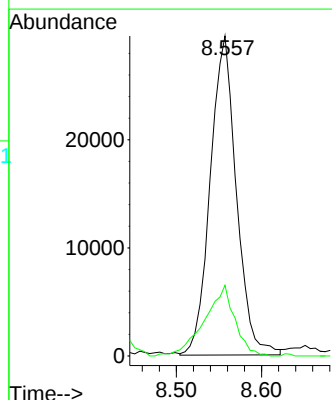
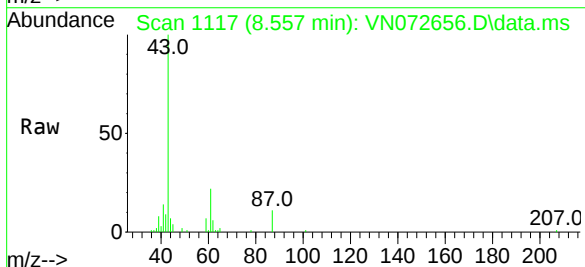
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

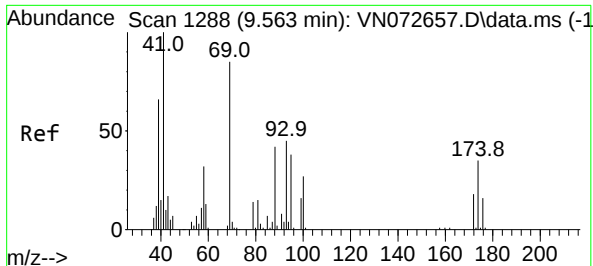
Tgt Ion: 43 Resp: 40342
Ion Ratio Lower Upper
43 100
45 8.7 10.6 16.0#



#44
Isopropyl Acetate
Concen: 6.282 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 43 Resp: 62895
Ion Ratio Lower Upper
43 100
61 25.4 20.1 30.1

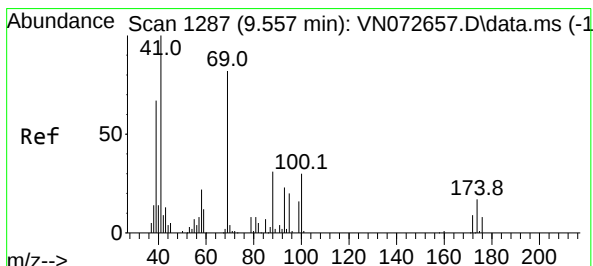
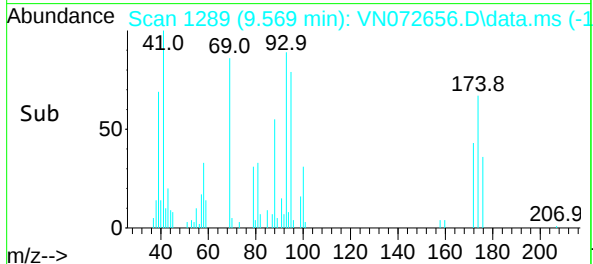
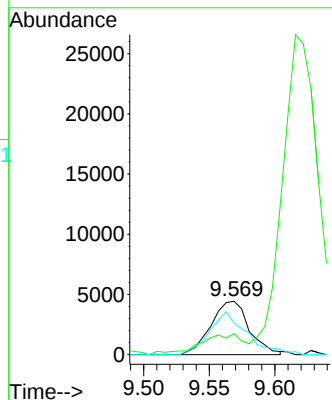
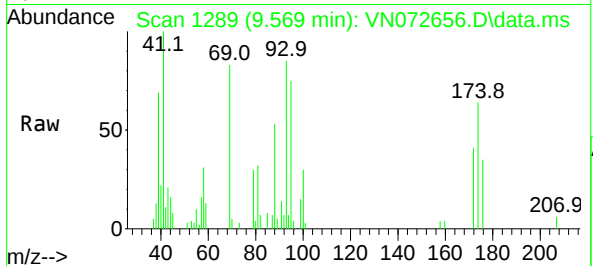




#45
1,4-Dioxane
Concen: 107.196 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

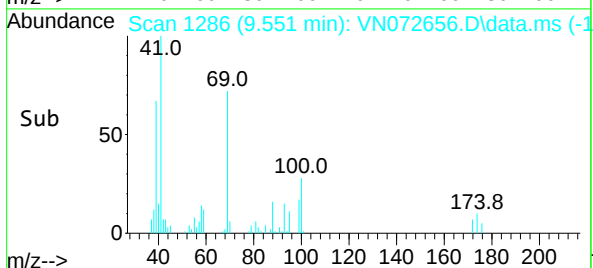
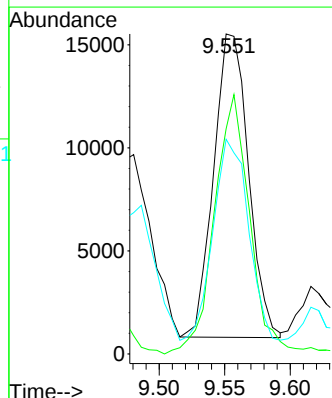
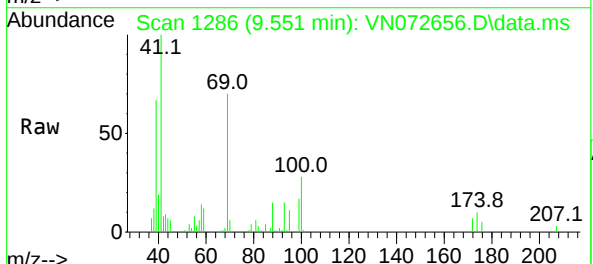
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

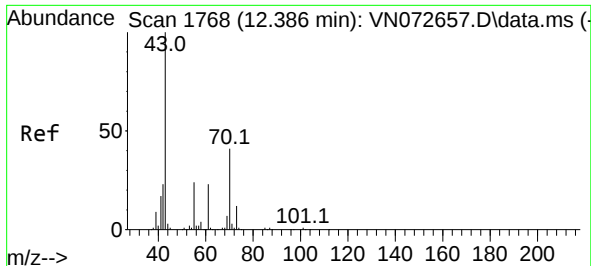
Tgt Ion: 88 Resp: 8989
Ion Ratio Lower Upper
88 100
43 18.8 25.0 37.6#
58 79.6 49.4 74.2#



#46
Methyl methacrylate
Concen: 5.783 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 41 Resp: 27149
Ion Ratio Lower Upper
41 100
69 72.2 44.4 133.2
39 66.4 39.9 119.6





#47

n-amy1 Acetate

Concen: 5.919 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

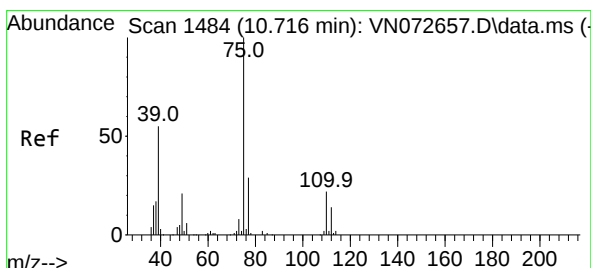
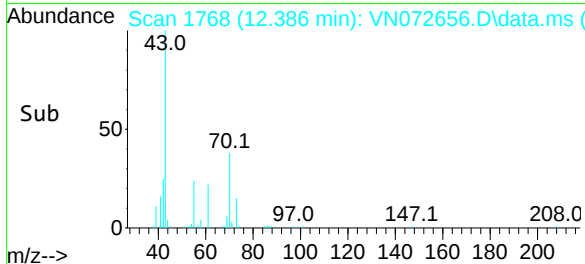
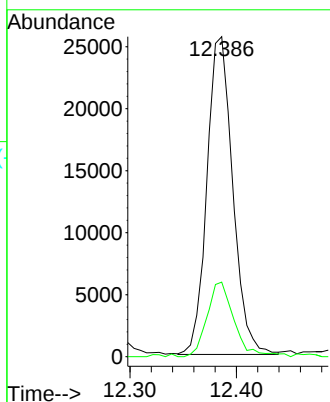
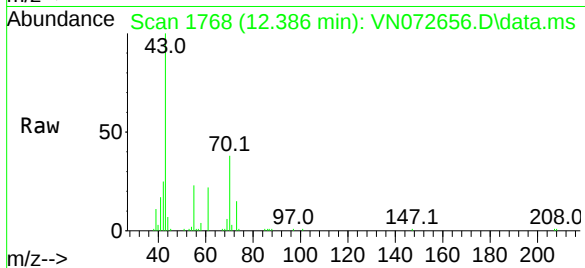
VSTDIC005

Tgt Ion: 43 Resp: 43209

Ion Ratio Lower Upper

43 100

55 23.9 19.0 28.6



#48

t-1,3-Dichloropropene

Concen: 6.364 ug/l

RT: 10.716 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VN072656.D

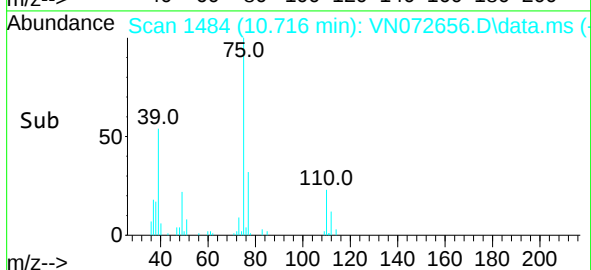
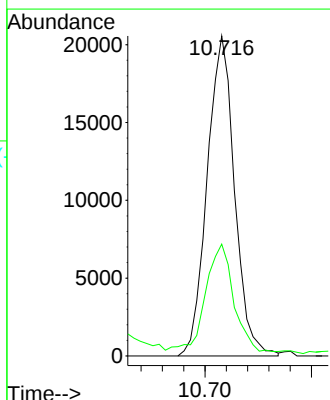
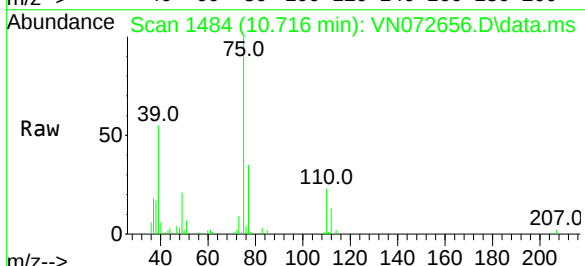
Acq: 06 Jun 2022 10:53

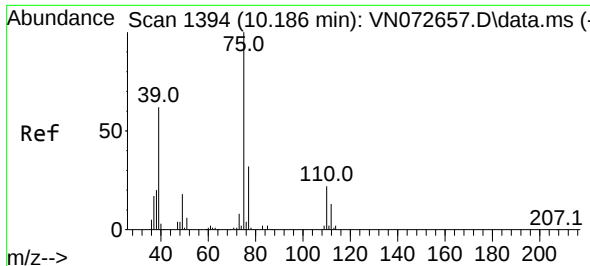
Tgt Ion: 75 Resp: 36705

Ion Ratio Lower Upper

75 100

77 33.5 25.3 37.9

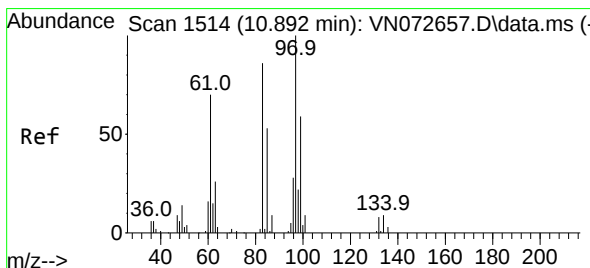
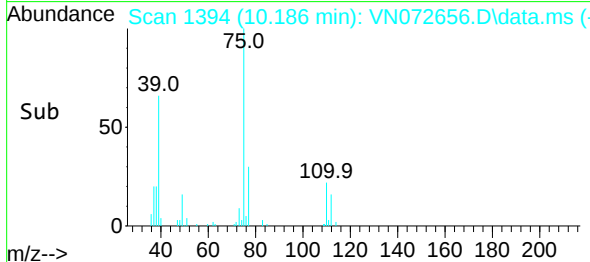
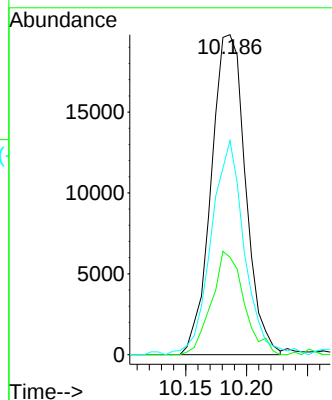
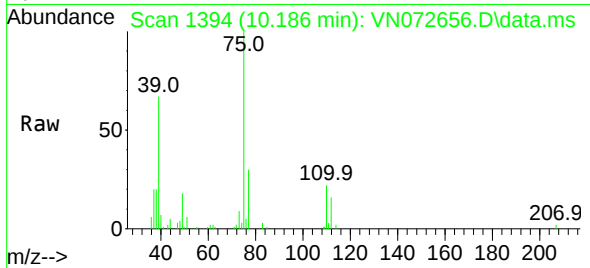




#49
 cis-1,3-Dichloropropene
 Concen: 6.248 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN072656.D
 Acq: 06 Jun 2022 10:53

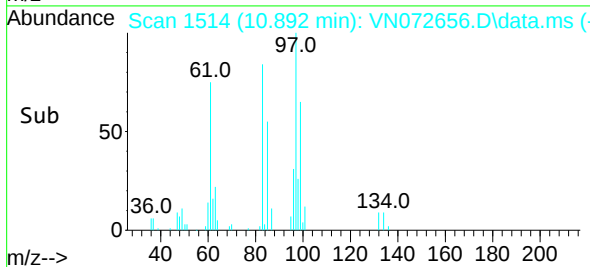
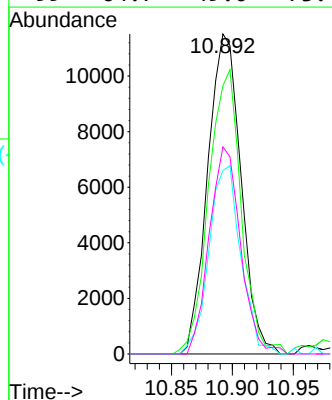
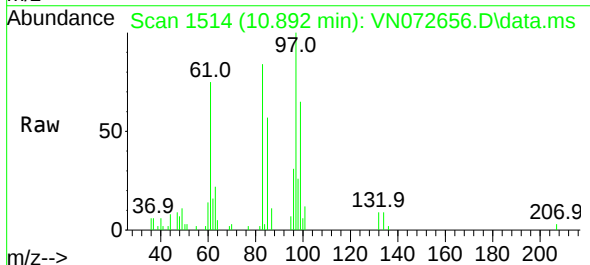
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

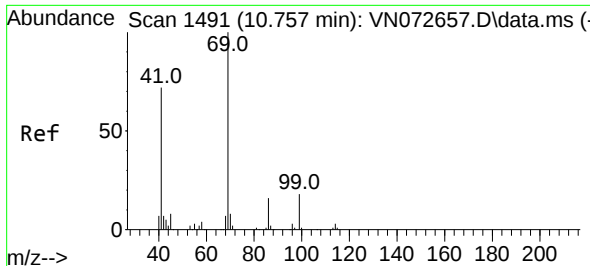
Tgt Ion: 75 Resp: 38769
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.3 37.9
 39 65.7 46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 5.794 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072656.D
 Acq: 06 Jun 2022 10:53

Tgt Ion: 97 Resp: 21884
 Ion Ratio Lower Upper
 97 100
 83 82.4 67.2 100.8
 85 57.3 43.0 64.4
 99 64.7 49.0 73.4

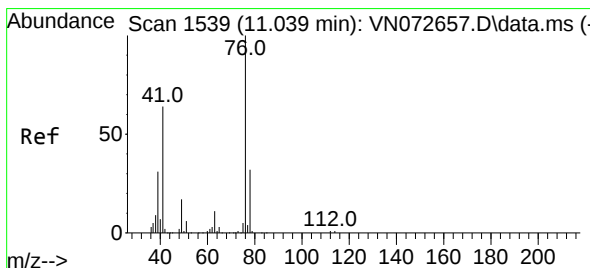
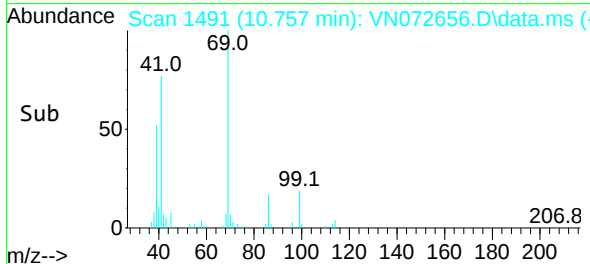
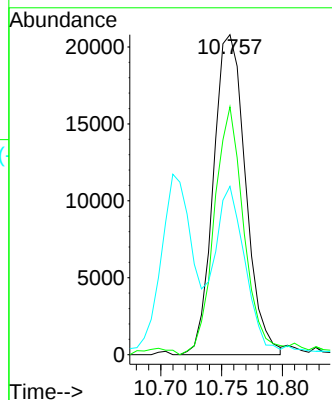
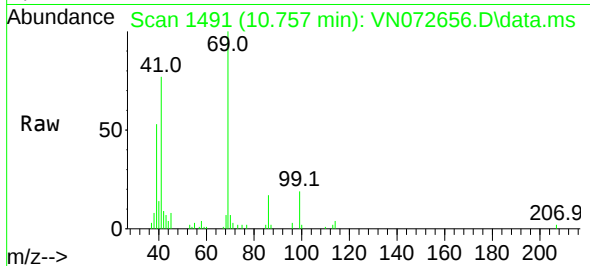




#51
Ethyl methacrylate
Concen: 5.908 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

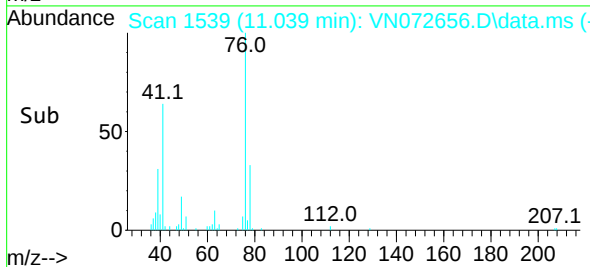
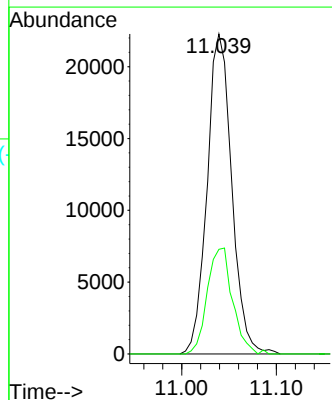
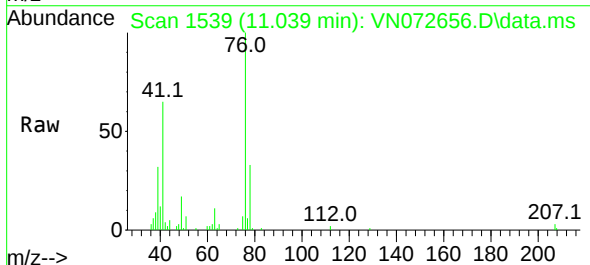
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

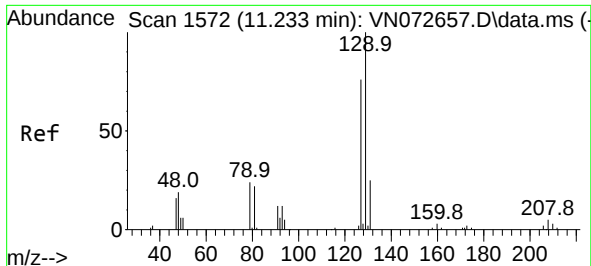
Tgt Ion: 69 Resp: 38234
Ion Ratio Lower Upper
69 100
41 77.4 33.0 98.9
39 50.9 25.4 76.4



#52
1,3-Dichloropropane
Concen: 6.034 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 76 Resp: 40369
Ion Ratio Lower Upper
76 100
78 33.7 0.0 65.4

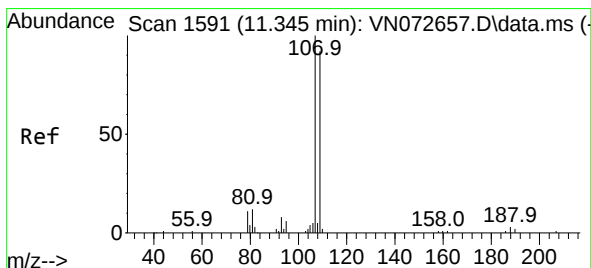
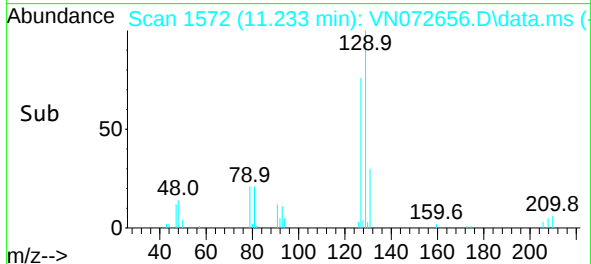
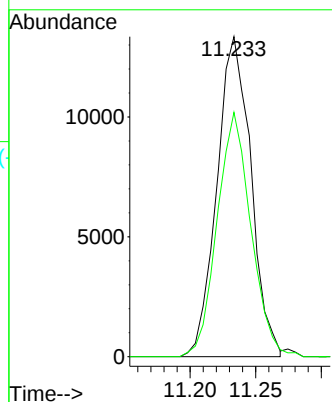
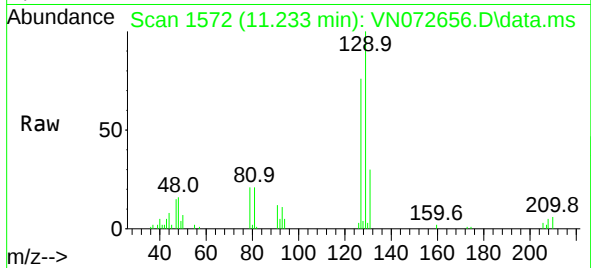




#53
Dibromochloromethane
Concen: 6.117 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

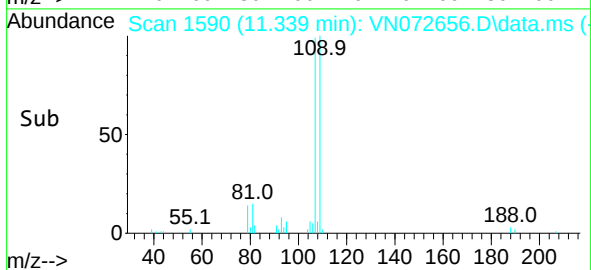
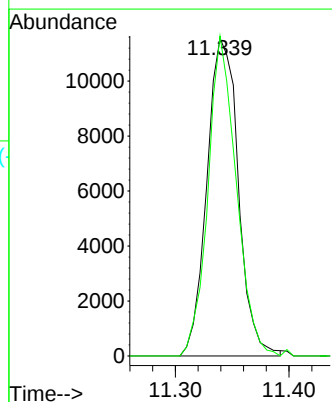
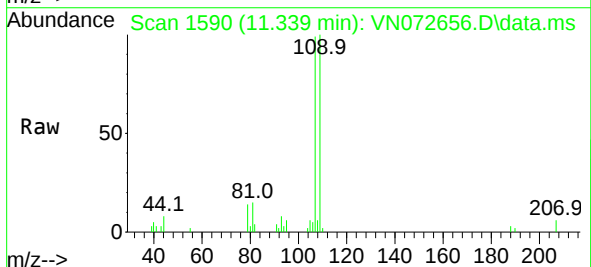
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

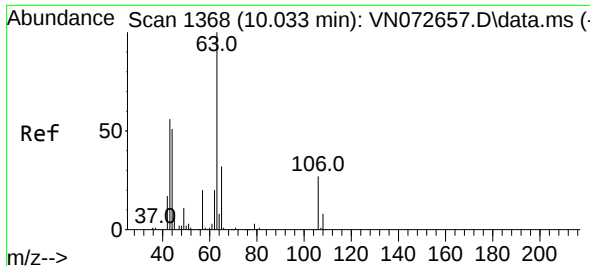
Tgt Ion:129 Resp: 24053
Ion Ratio Lower Upper
129 100
127 75.9 39.0 117.0



#54
1,2-Dibromoethane
Concen: 5.713 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion:107 Resp: 22191
Ion Ratio Lower Upper
107 100
109 90.8 72.8 109.2

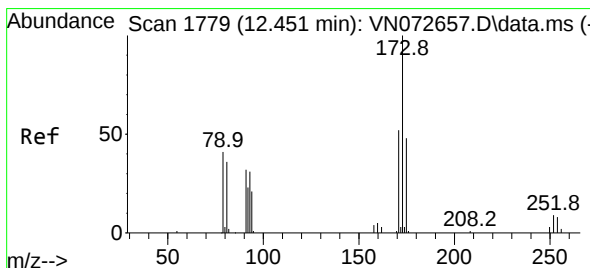
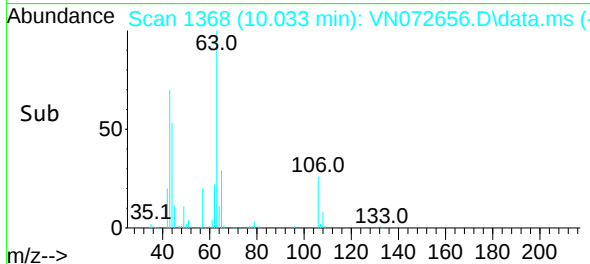
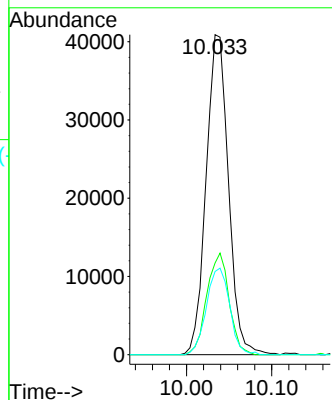
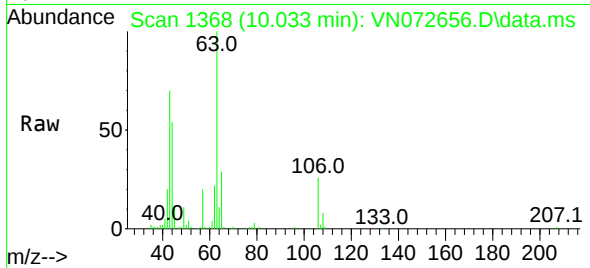




#55
2-Chloroethyl vinyl ether
Concen: 26.743 ug/l
RT: 10.033 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

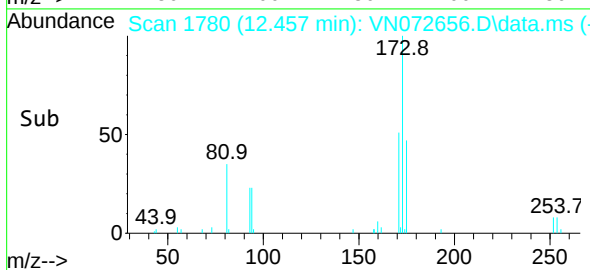
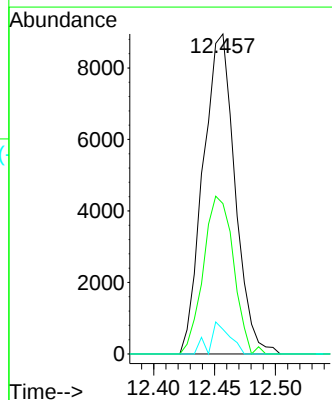
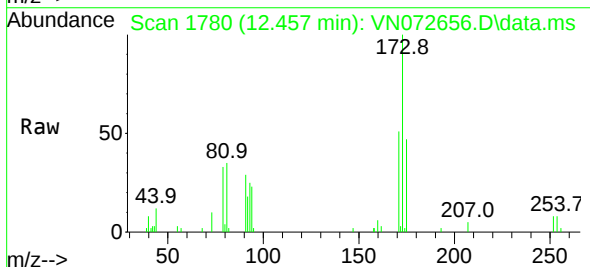
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

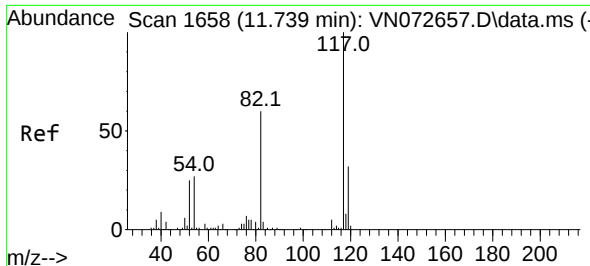
Tgt Ion: 63 Resp: 74447
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 28.2 23.2 34.8



#56
Bromoform
Concen: 5.836 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 173 Resp: 16292
Ion Ratio Lower Upper
173 100
175 46.2 38.6 58.0
254 5.1 0.0 0.0#

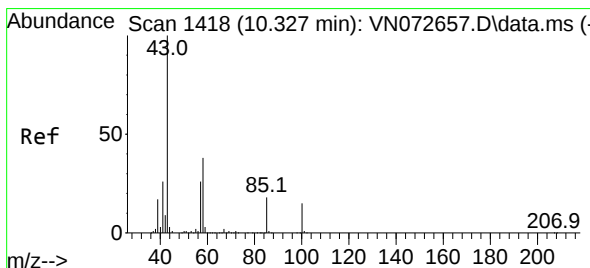
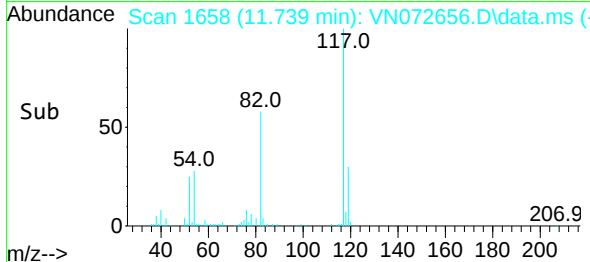
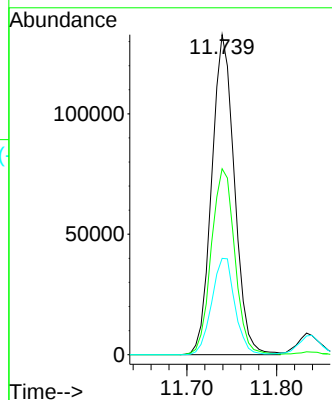
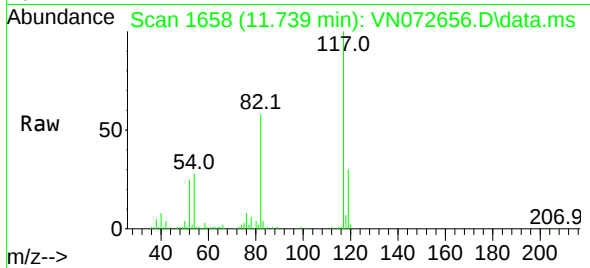




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

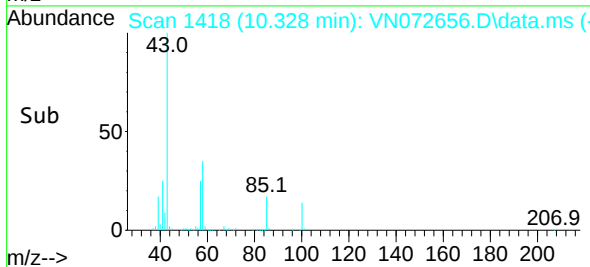
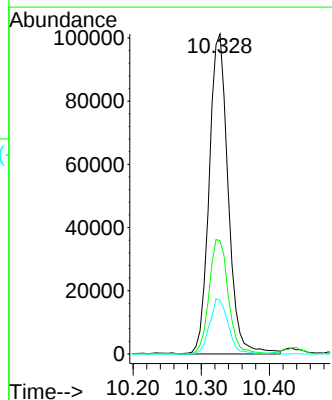
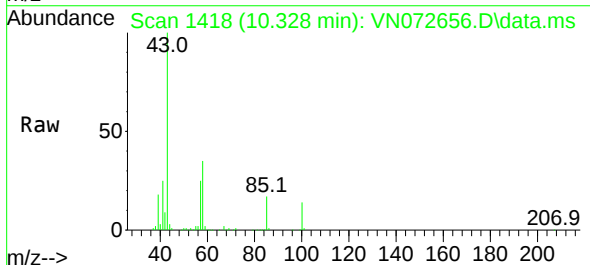
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

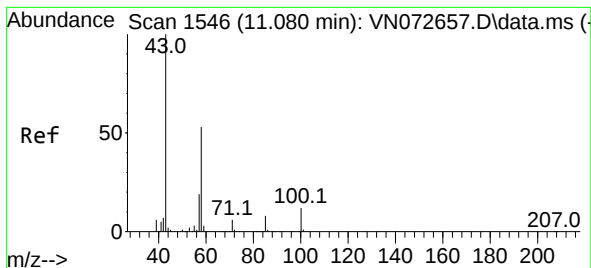
Tgt Ion:117 Resp: 233512
Ion Ratio Lower Upper
117 100
82 60.1 43.6 65.4
119 30.8 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 29.110 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 43 Resp: 195758
Ion Ratio Lower Upper
43 100
58 36.2 30.0 45.0
85 16.7 15.0 22.6

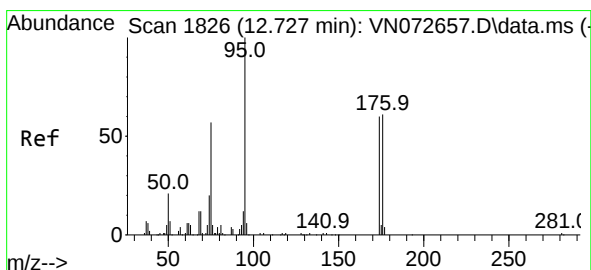
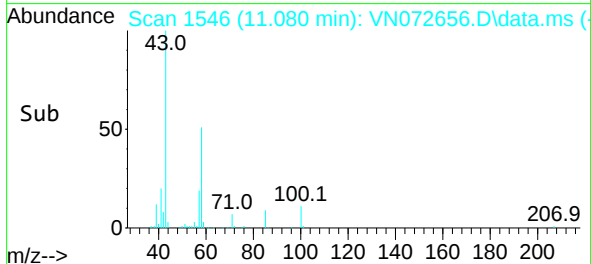
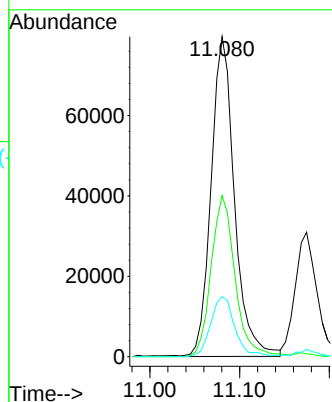
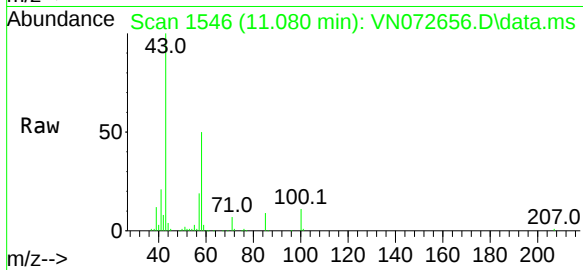




#59
2-Hexanone
Concen: 29.676 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

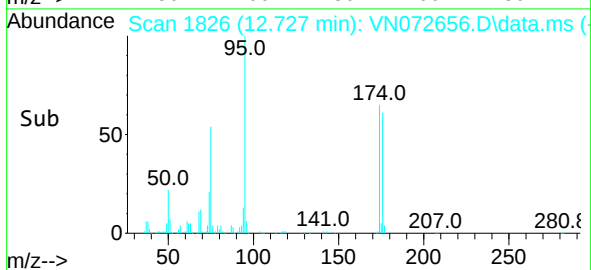
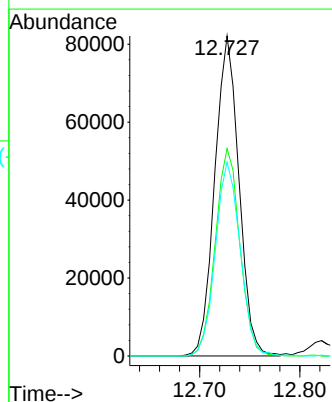
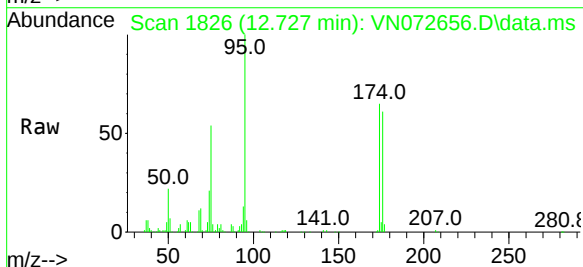
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

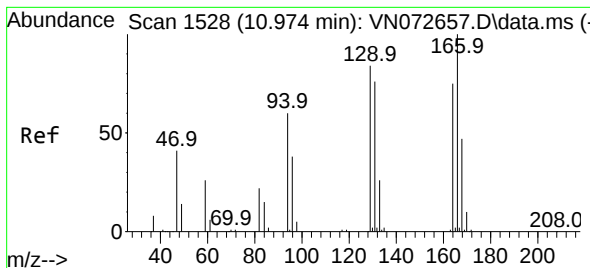
Tgt Ion: 43 Resp: 143717
Ion Ratio Lower Upper
43 100
58 51.5 42.2 63.2
57 18.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 32.764 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 95 Resp: 137788
Ion Ratio Lower Upper
95 100
174 65.4 62.9 94.3
176 61.9 61.0 91.4





#61

Tetrachloroethene

Concen: 6.118 ug/l

RT: 10.975 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:164 Resp: 18277

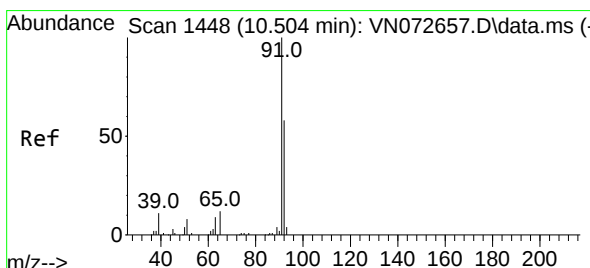
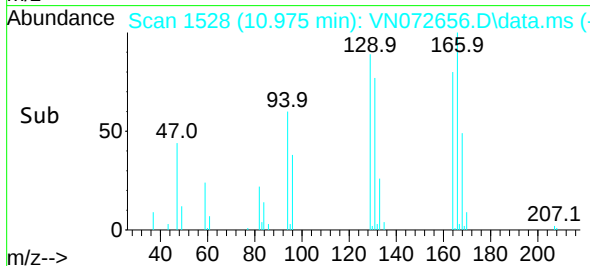
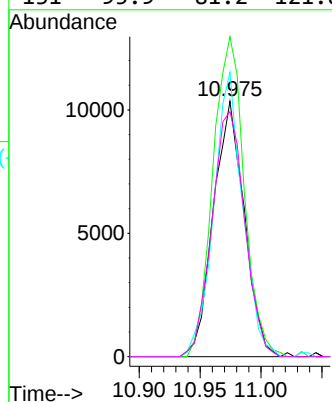
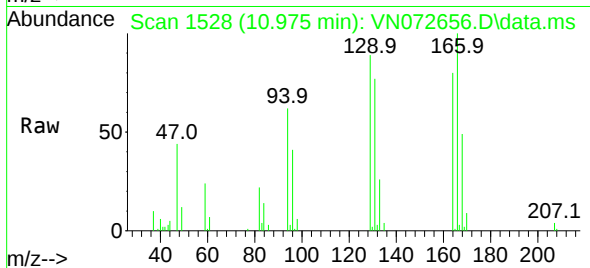
Ion Ratio Lower Upper

164 100

166 125.3 105.8 158.8

129 111.4 82.5 123.7

131 95.9 81.2 121.8



#62

Toluene

Concen: 5.892 ug/l

RT: 10.498 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN072656.D

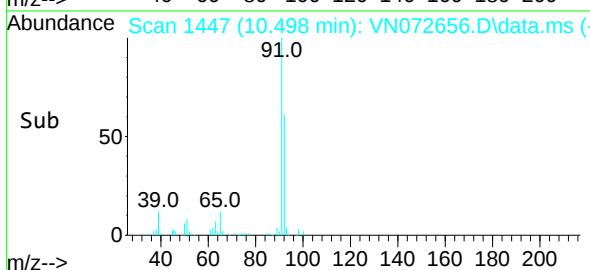
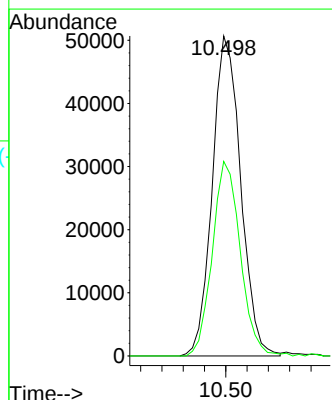
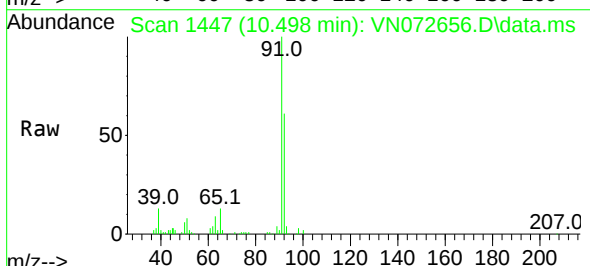
Acq: 06 Jun 2022 10:53

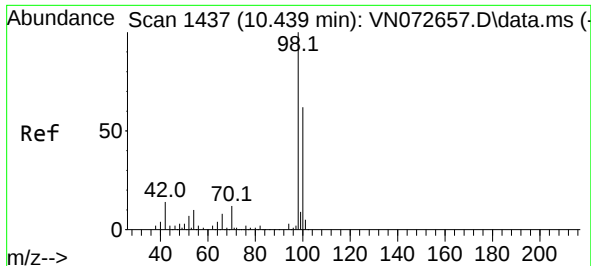
Tgt Ion: 91 Resp: 93826

Ion Ratio Lower Upper

91 100

92 59.6 44.6 67.0

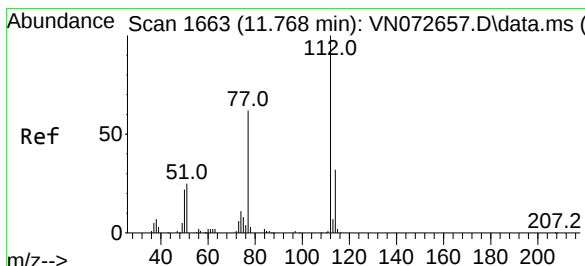
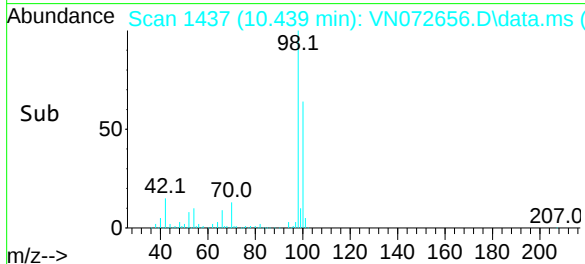
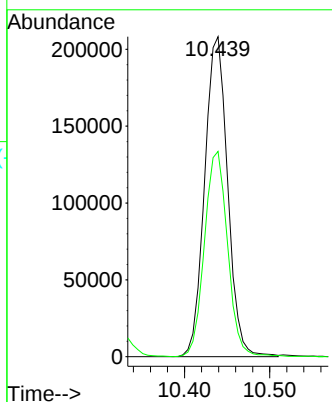
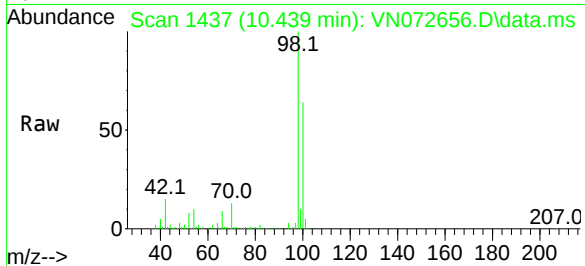




#63
Toluene-d8
Concen: 29.533 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

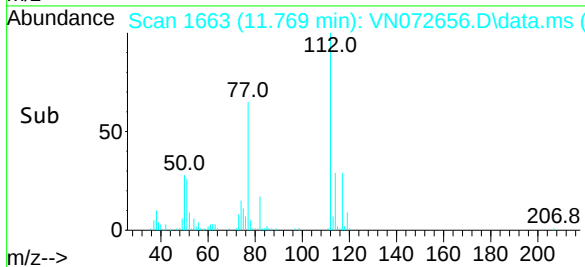
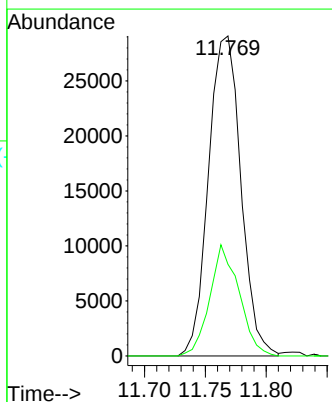
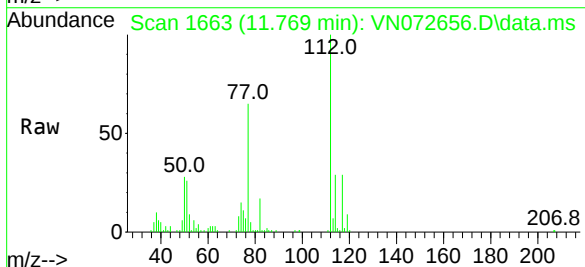
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

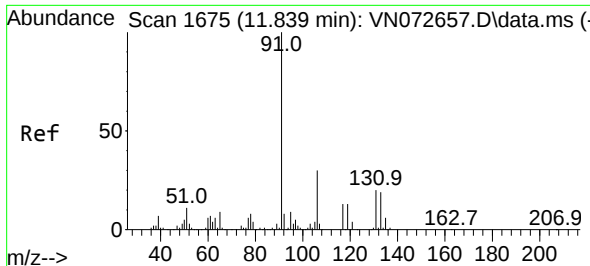
Tgt Ion: 98 Resp: 390986
Ion Ratio Lower Upper
98 100
100 64.2 50.6 76.0



#64
Chlorobenzene
Concen: 5.747 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 112 Resp: 53830
Ion Ratio Lower Upper
112 100
114 28.6 25.8 38.6

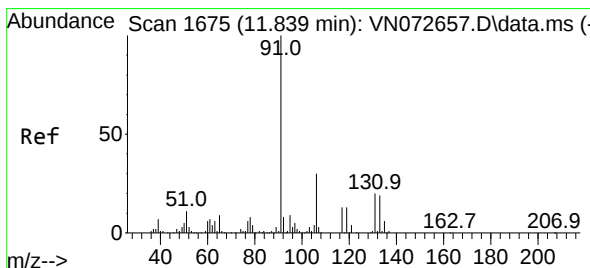
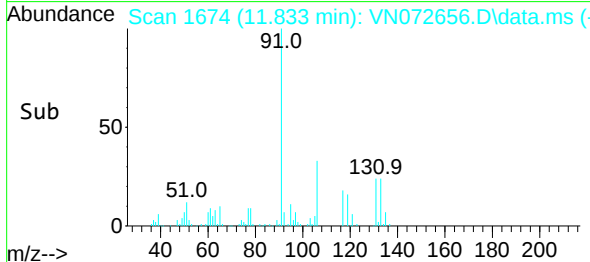
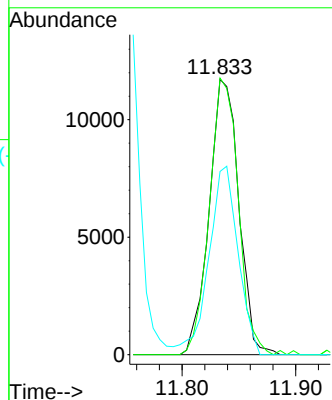
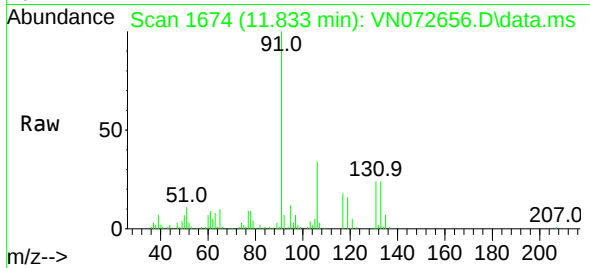




#65
1,1,1,2-Tetrachloroethane
Concen: 5.714 ug/l
RT: 11.833 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

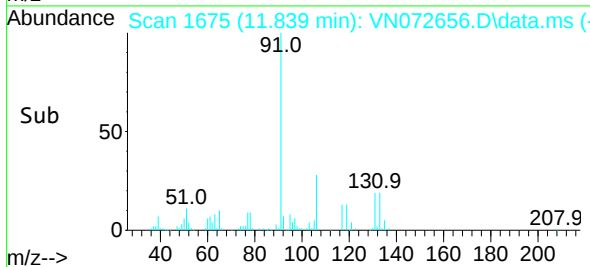
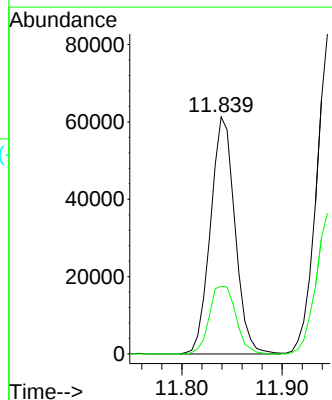
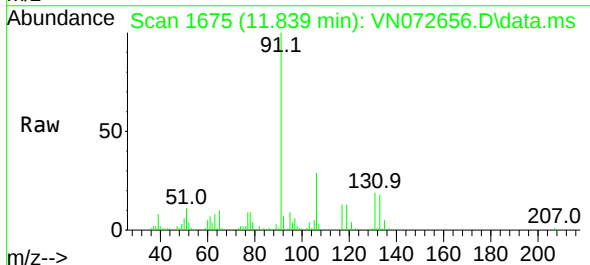
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

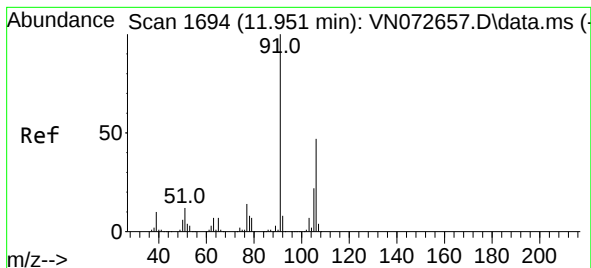
Tgt Ion:131 Resp: 21269
Ion Ratio Lower Upper
131 100
133 97.5 0.0 191.2
119 67.4 0.0 128.8



#66
Ethyl Benzene
Concen: 5.800 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 91 Resp: 103828
Ion Ratio Lower Upper
91 100
106 28.6 24.0 36.0

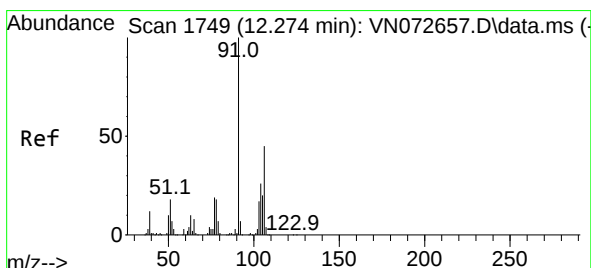
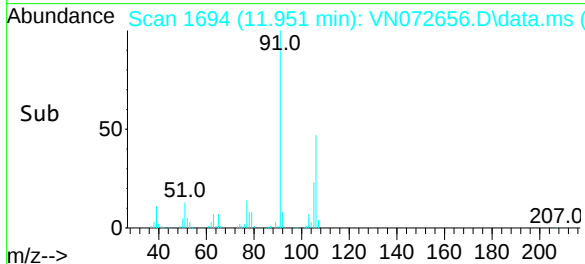
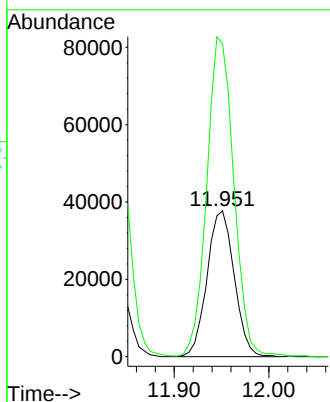
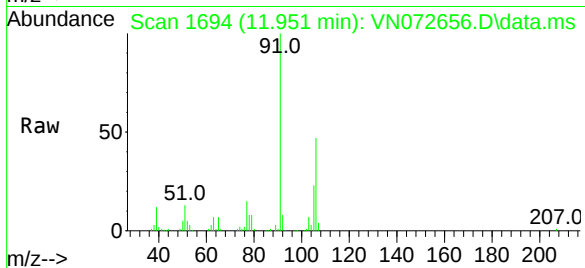




#67
m/p-Xylenes
Concen: 11.679 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

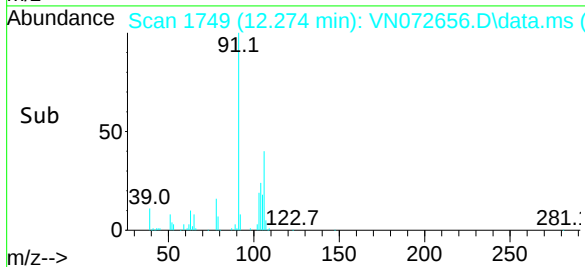
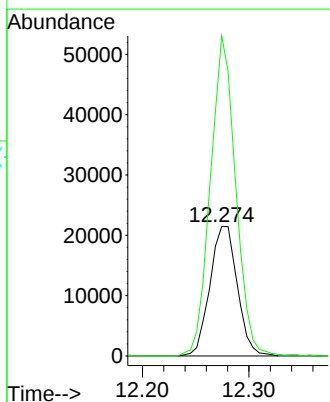
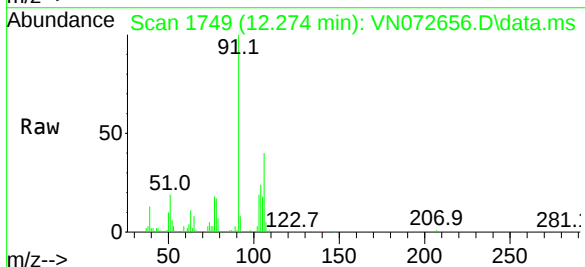
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

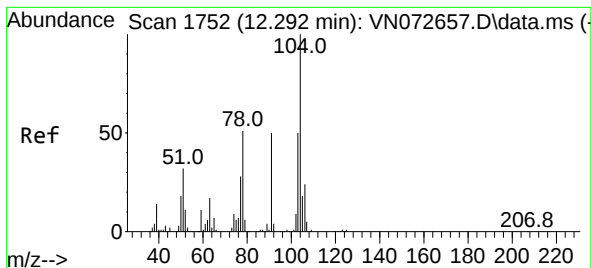
Tgt Ion:106 Resp: 75233
Ion Ratio Lower Upper
106 100
91 217.9 162.9 244.3



#68
o-Xylene
Concen: 5.938 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion:106 Resp: 38367
Ion Ratio Lower Upper
106 100
91 227.9 107.7 323.1





#69

Styrene

Concen: 5.632 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

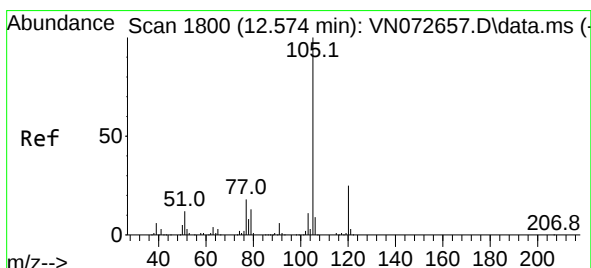
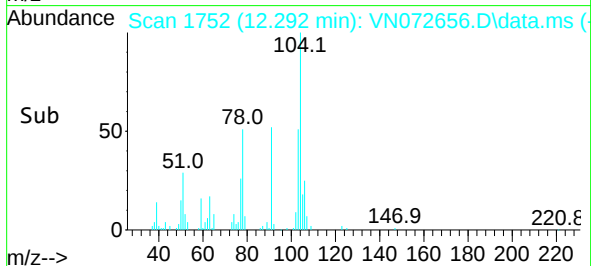
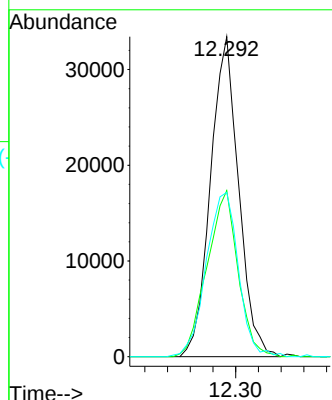
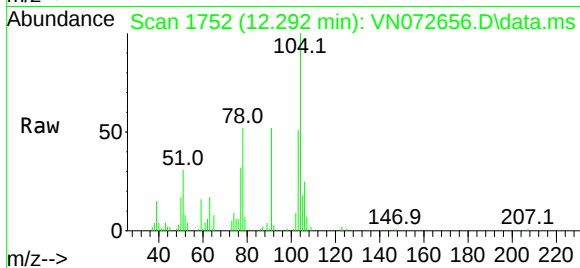
Tgt Ion:104 Resp: 57460

Ion Ratio Lower Upper

104 100

78 57.0 40.7 61.1

103 58.6 45.8 68.8



#70

Isopropylbenzene

Concen: 6.024 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072656.D

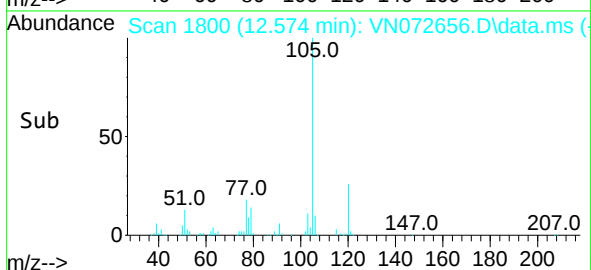
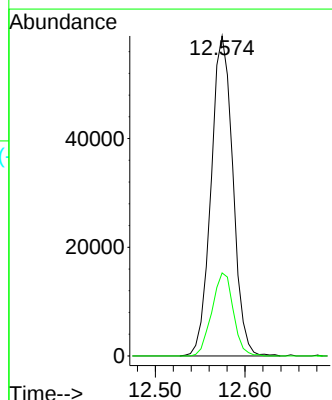
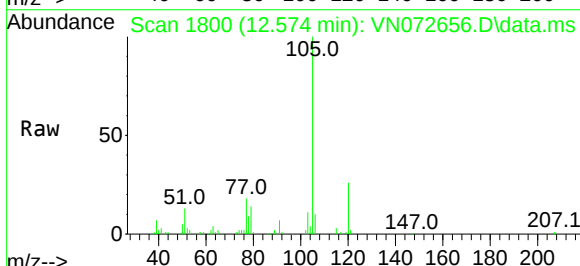
Acq: 06 Jun 2022 10:53

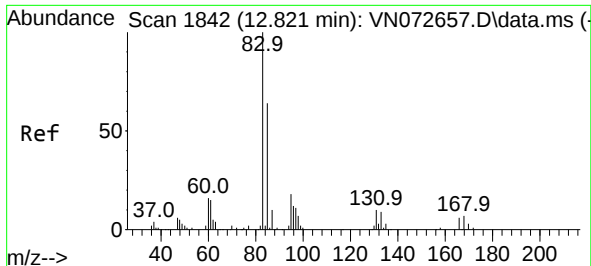
Tgt Ion:105 Resp: 99614

Ion Ratio Lower Upper

105 100

120 25.4 18.3 34.1

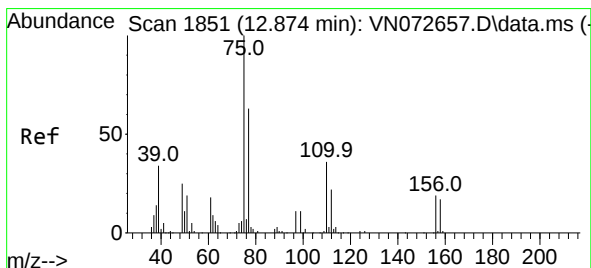
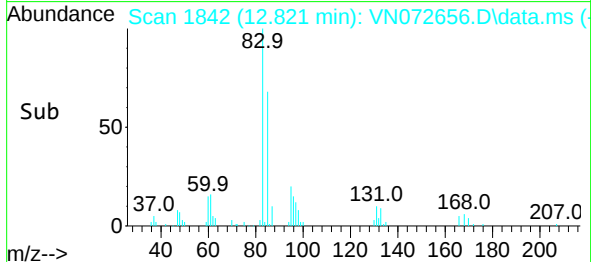
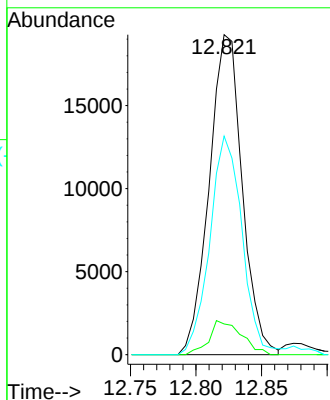
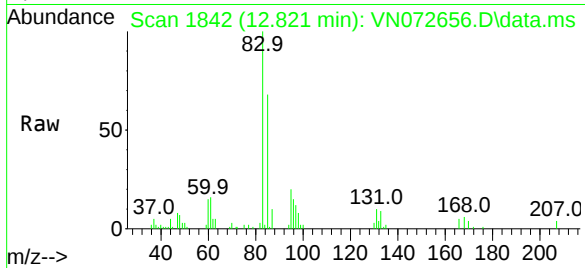




#71
 1,1,2-Tetrachloroethane
 Concen: 5.956 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072656.D
 Acq: 06 Jun 2022 10:53

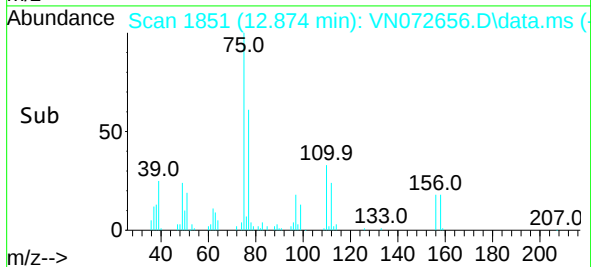
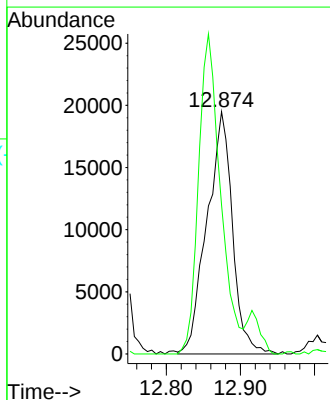
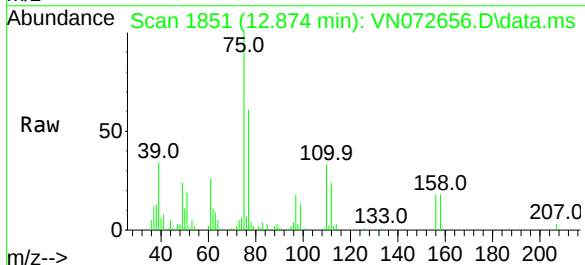
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

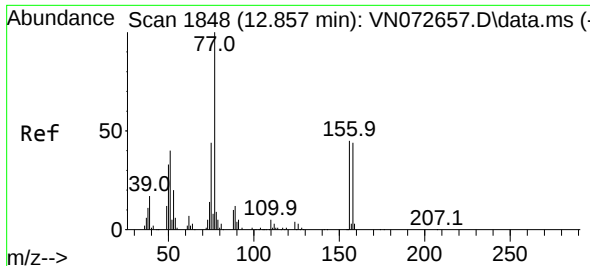
Tgt Ion: 83 Resp: 33757
 Ion Ratio Lower Upper
 83 100
 131 10.4 5.1 15.3
 85 67.0 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 8.660 ug/l
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072656.D
 Acq: 06 Jun 2022 10:53

Tgt Ion: 75 Resp: 46474
 Ion Ratio Lower Upper
 75 100
 77 114.3 0.0 378.0

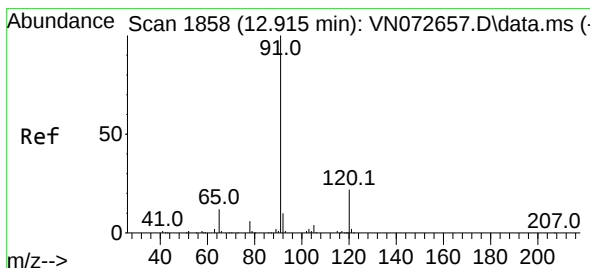
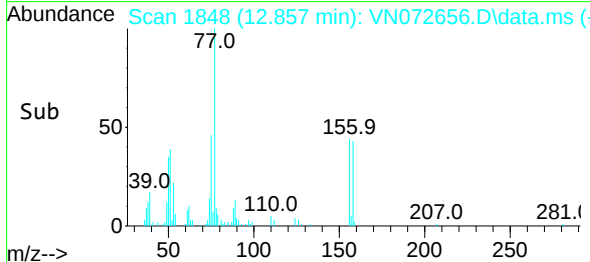
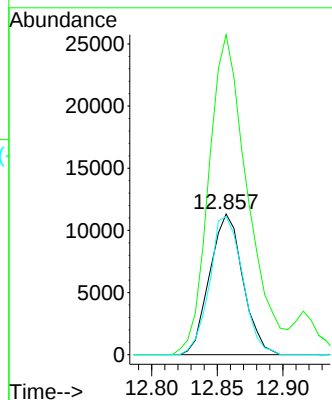
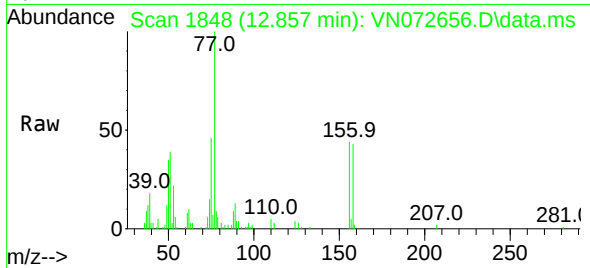




#73
Bromobenzene
Concen: 5.591 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

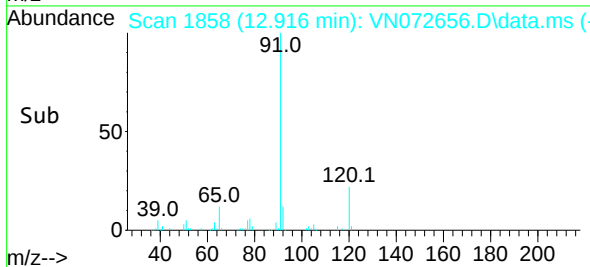
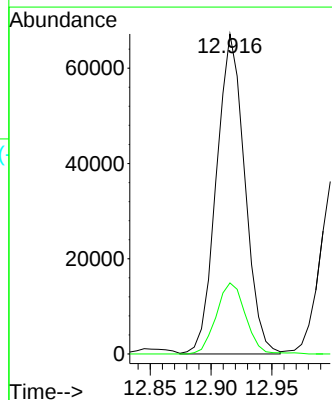
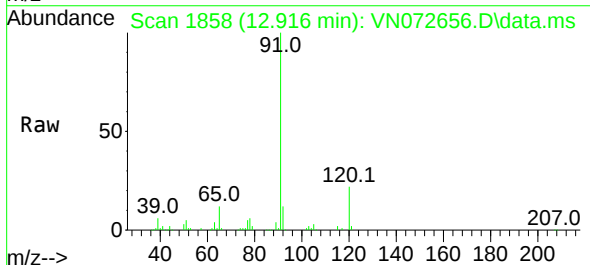
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

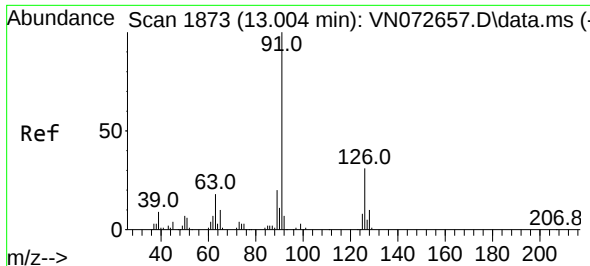
Tgt Ion:156 Resp: 19935
Ion Ratio Lower Upper
156 100
77 266.5 0.0 416.0
158 97.4 0.0 195.4



#74
n-propylbenzene
Concen: 5.805 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 91 Resp: 108844
Ion Ratio Lower Upper
91 100
120 22.8 0.0 45.0

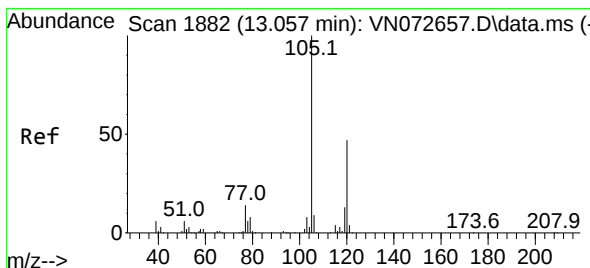
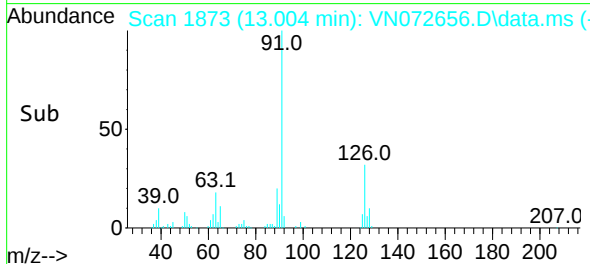
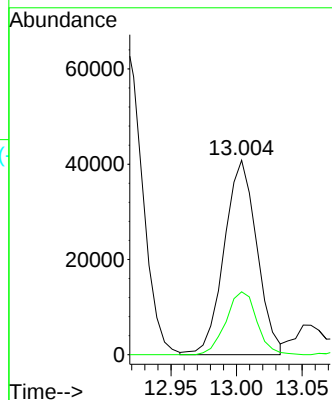
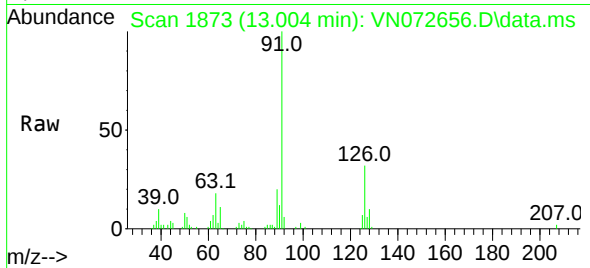




#75
2-Chlorotoluene
Concen: 6.193 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

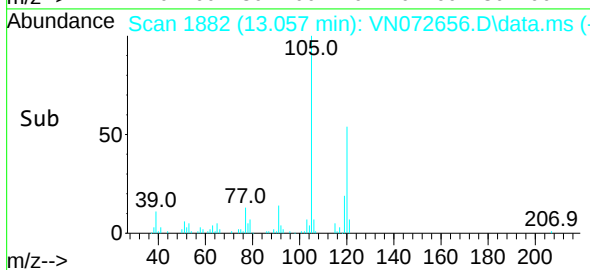
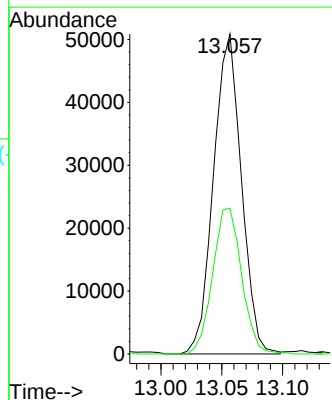
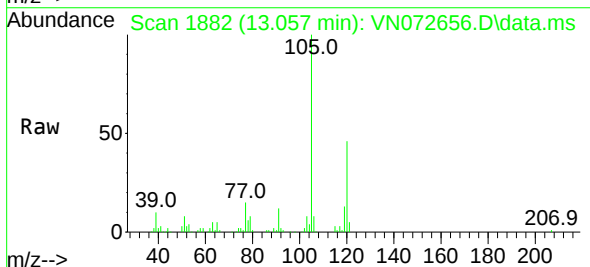
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

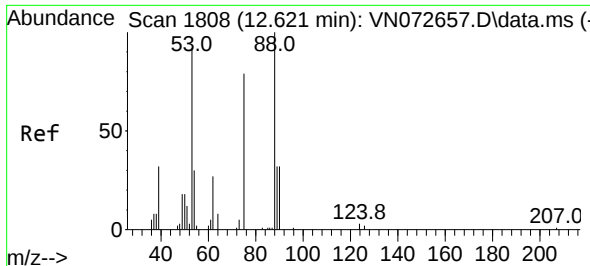
Tgt Ion: 91 Resp: 70880
Ion Ratio Lower Upper
91 100
126 30.5 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 6.152 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 105 Resp: 81026
Ion Ratio Lower Upper
105 100
120 47.3 0.0 93.8

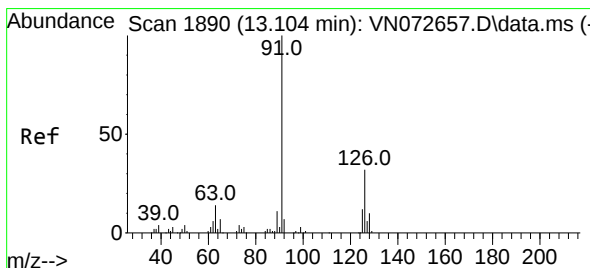
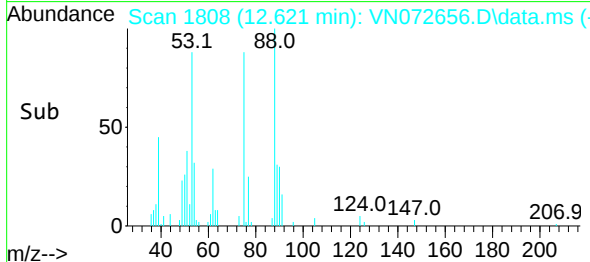
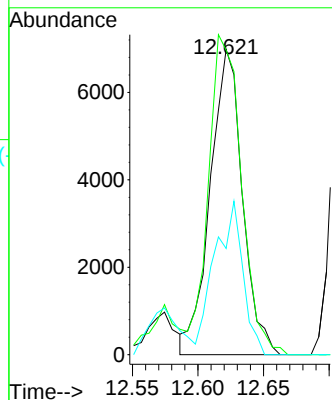
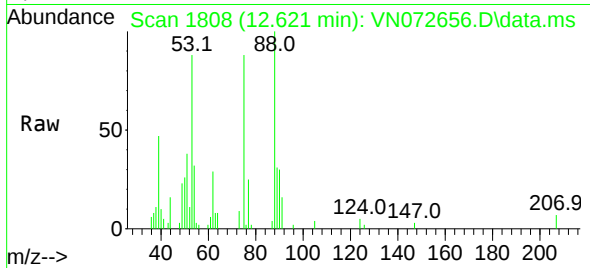




#77
t-1,4-Dichloro-2-butene
Concen: 6.234 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

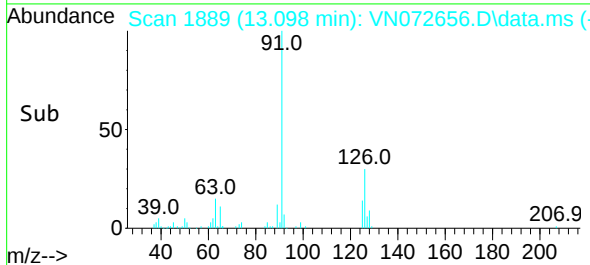
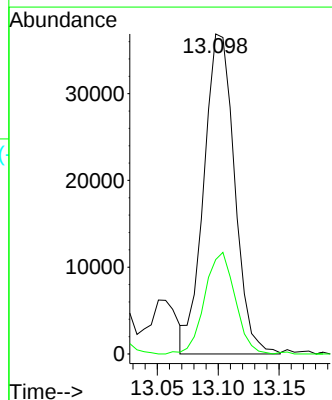
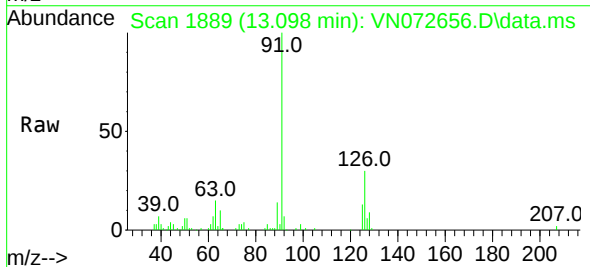
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

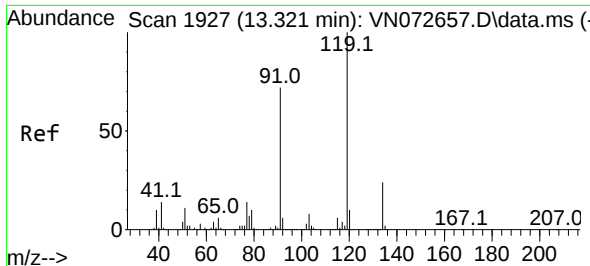
Tgt Ion: 75 Resp: 11941
Ion Ratio Lower Upper
75 100
53 97.5 51.8 155.5
89 34.8 22.9 68.7



#78
4-Chlorotoluene
Concen: 6.186 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 91 Resp: 64630
Ion Ratio Lower Upper
91 100
126 31.4 0.0 70.6

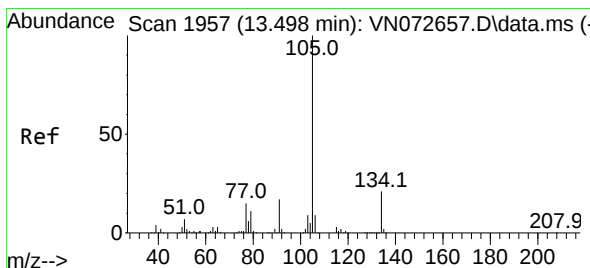
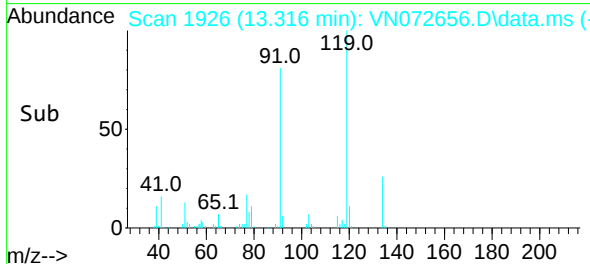
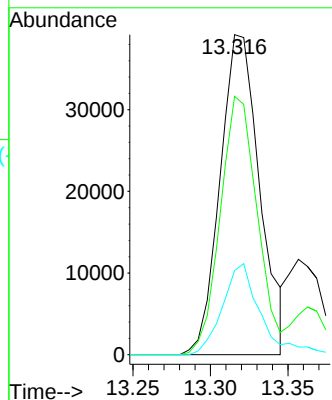
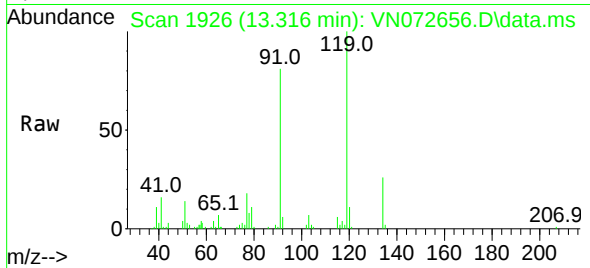




#79
tert-butylbenzene
Concen: 6.062 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

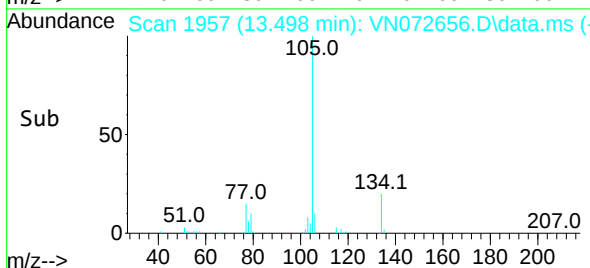
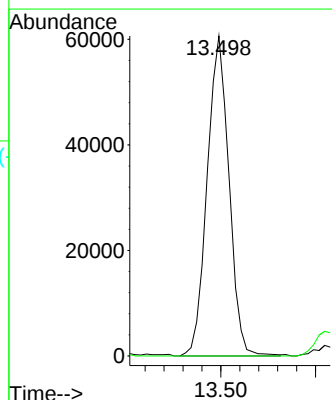
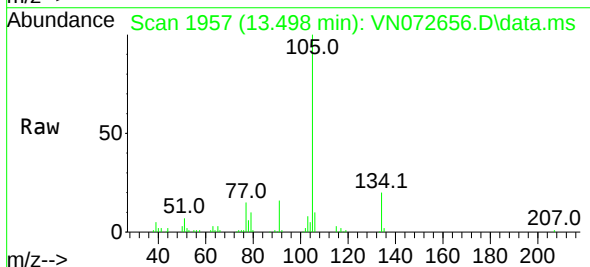
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

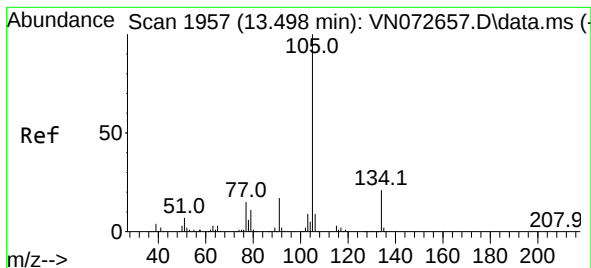
Tgt Ion:119 Resp: 69852
Ion Ratio Lower Upper
119 100
91 74.9 0.0 137.0
134 27.3 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 7.307 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion:105 Resp: 96887
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2





#81

sec-Butylbenzene

Concen: 5.853 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

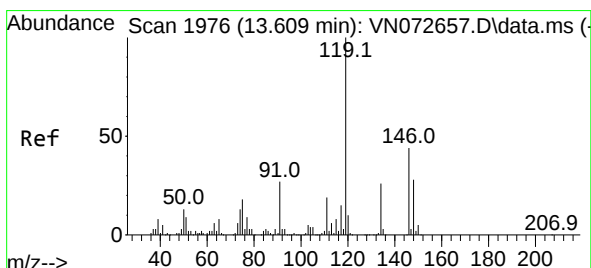
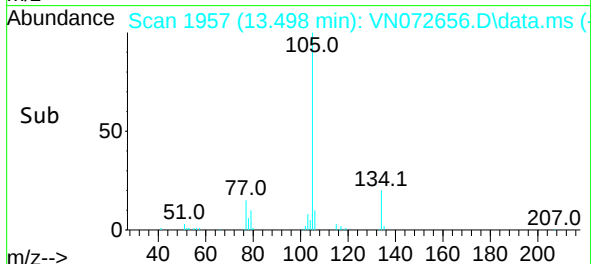
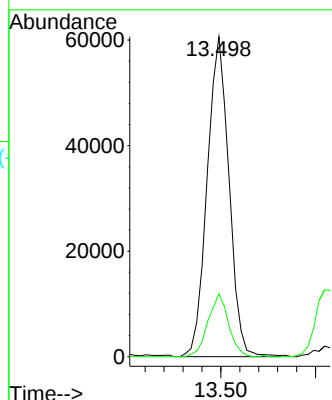
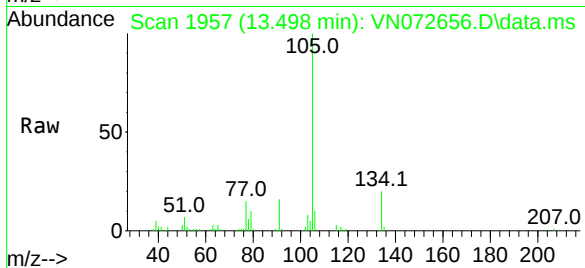
VSTDIC005

Tgt Ion:105 Resp: 96887

Ion Ratio Lower Upper

105 100

134 18.4 0.0 39.4



#82

p-Isopropyltoluene

Concen: 5.930 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

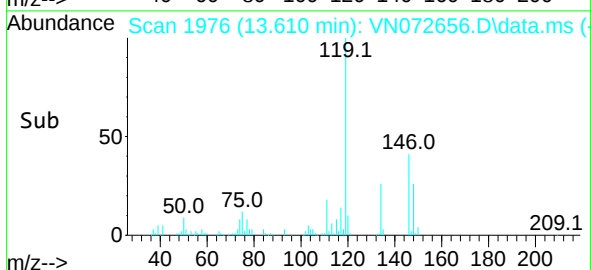
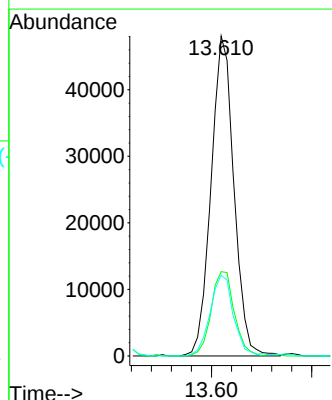
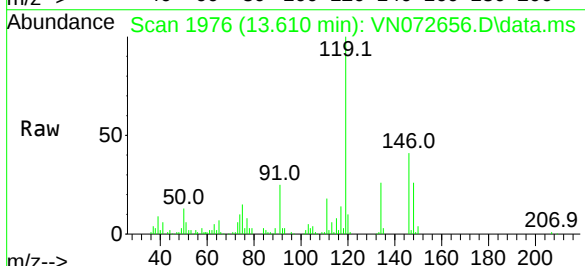
Tgt Ion:119 Resp: 76142

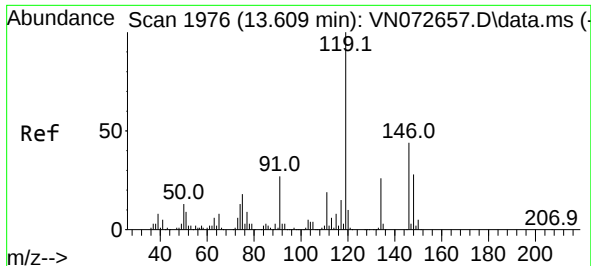
Ion Ratio Lower Upper

119 100

134 26.7 0.0 51.8

91 25.8 0.0 50.4

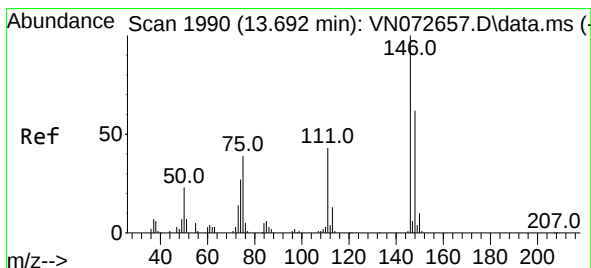
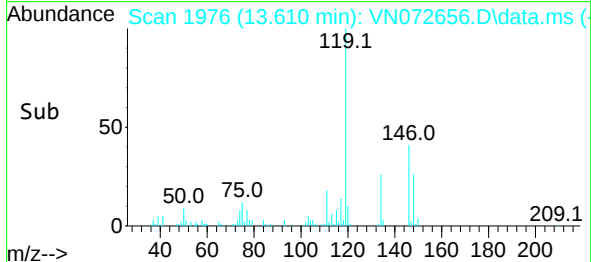
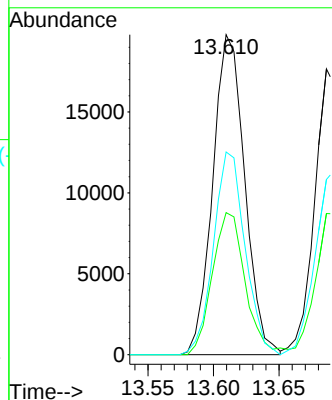
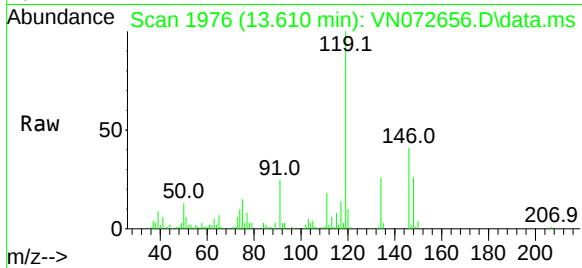




#83
1,3-Dichlorobenzene
Concen: 5.392 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

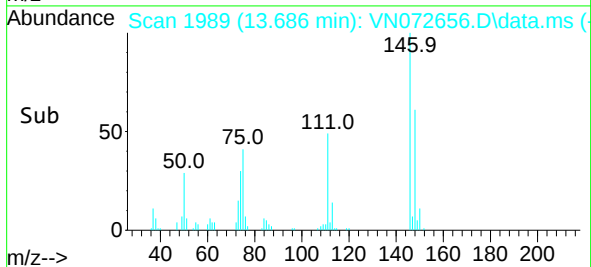
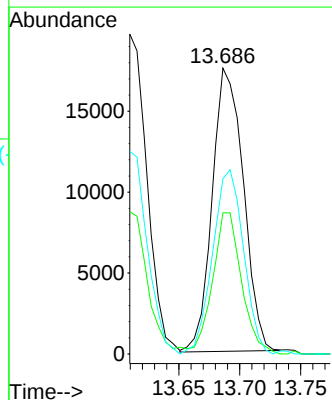
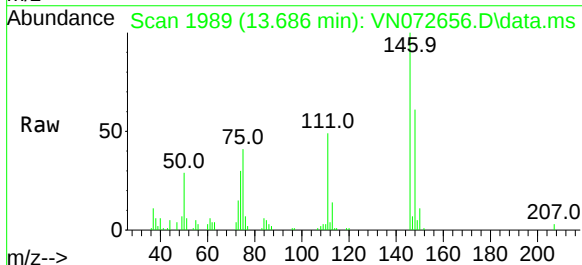
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

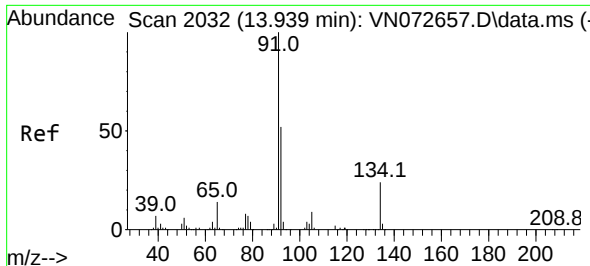
Tgt Ion:146 Resp: 33517
Ion Ratio Lower Upper
146 100
111 45.1 20.8 62.2
148 62.5 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 5.155 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion:146 Resp: 31171
Ion Ratio Lower Upper
146 100
111 46.2 19.5 58.5
148 64.5 31.1 93.5

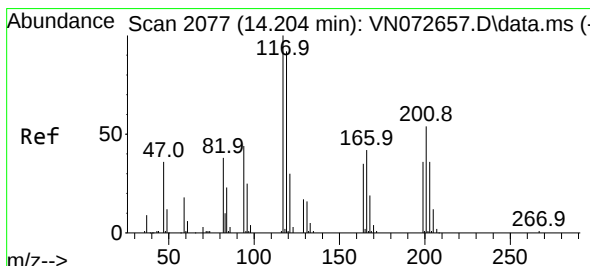
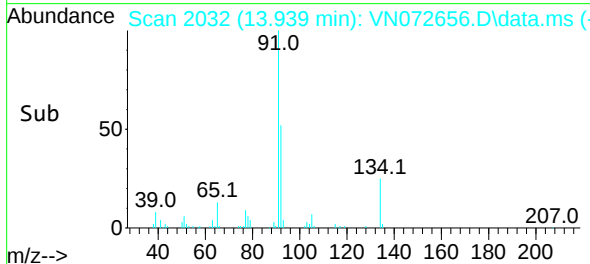
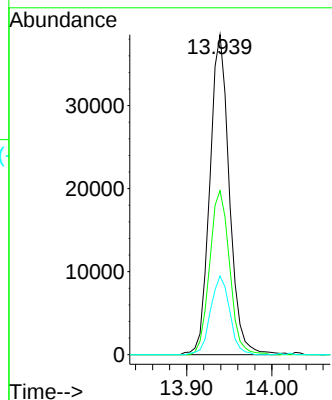
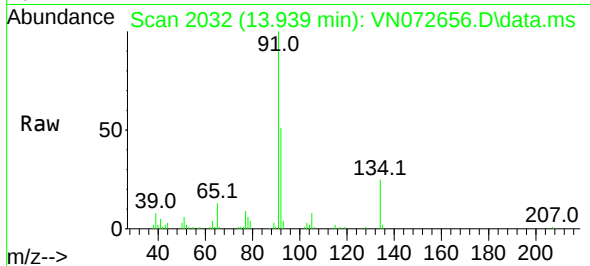




#85
n-Butylbenzene
Concen: 5.734 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

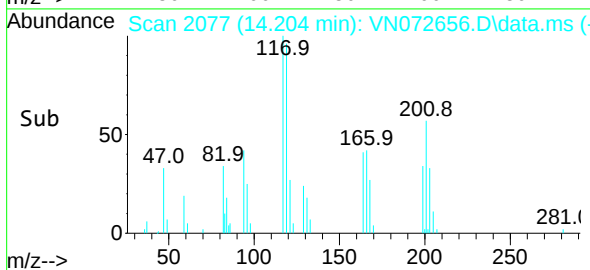
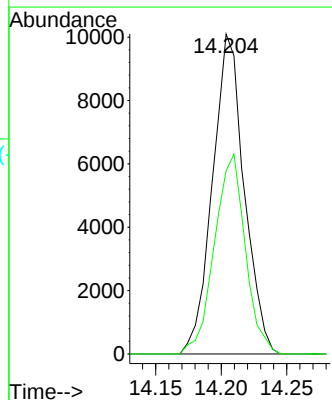
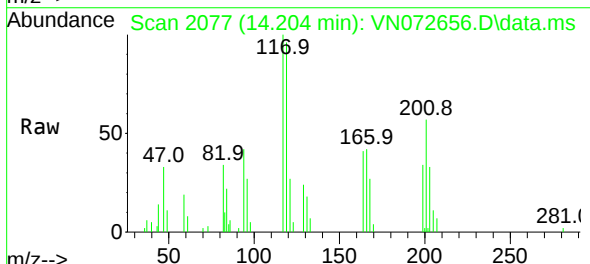
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

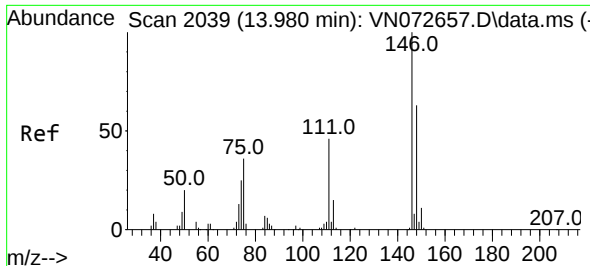
Tgt Ion: 91 Resp: 61365
Ion Ratio Lower Upper
91 100
92 52.2 0.0 100.6
134 24.1 0.0 50.2



#86
Hexachloroethane
Concen: 6.409 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072656.D
Acq: 06 Jun 2022 10:53

Tgt Ion: 117 Resp: 16936
Ion Ratio Lower Upper
117 100
201 60.8 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 5.543 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

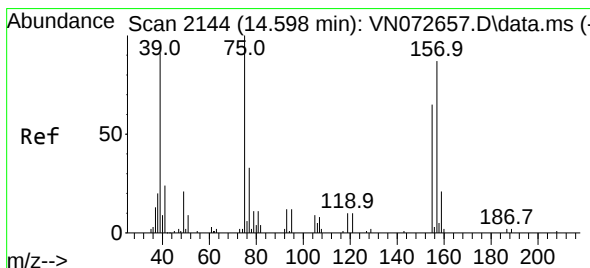
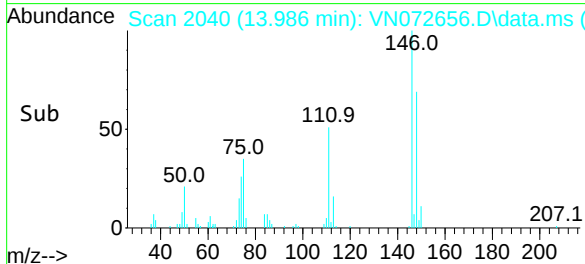
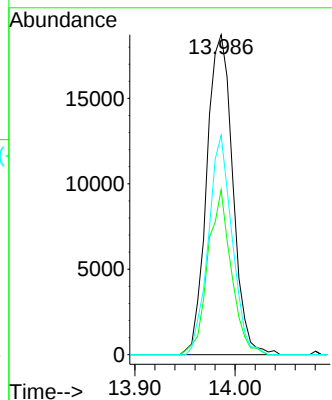
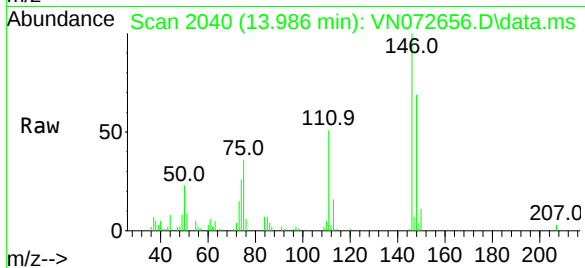
Tgt Ion:146 Resp: 33854

Ion Ratio Lower Upper

146 100

111 46.5 21.4 64.2

148 62.5 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 6.202 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

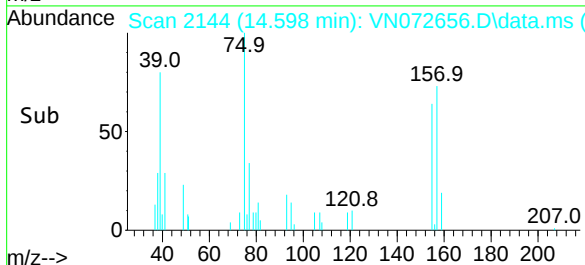
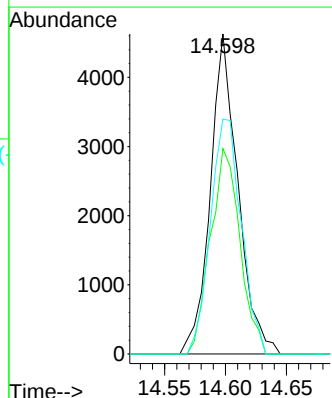
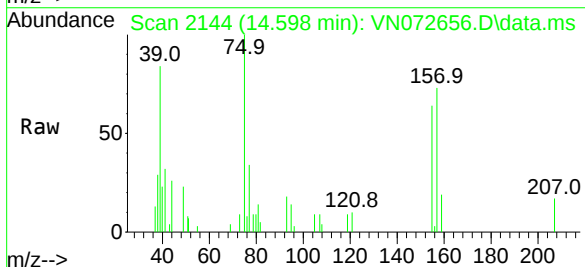
Tgt Ion: 75 Resp: 7312

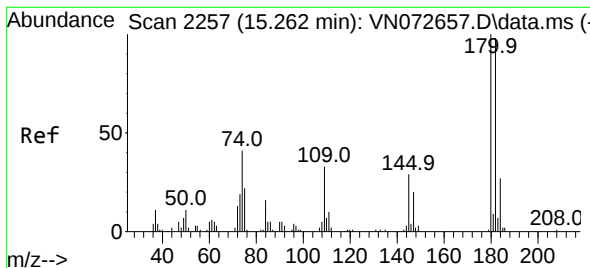
Ion Ratio Lower Upper

75 100

155 68.6 63.8 95.8

157 82.0 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 4.946 ug/l

RT: 15.257 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

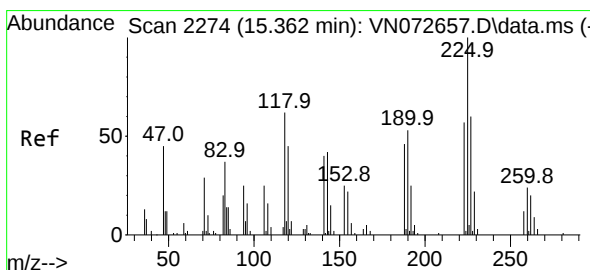
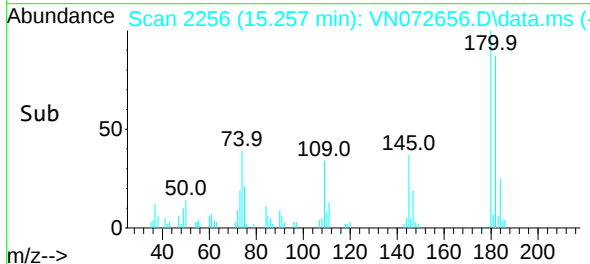
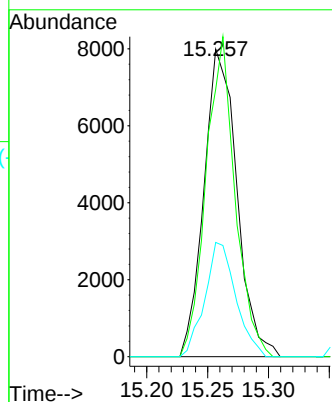
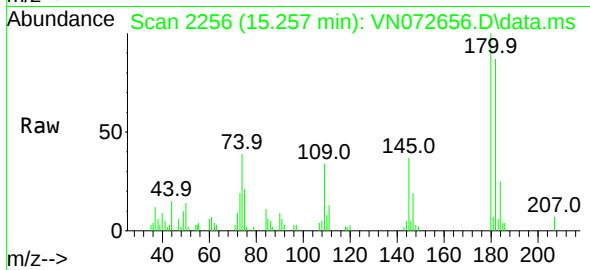
Tgt Ion:180 Resp: 15046

Ion Ratio Lower Upper

180 100

182 91.6 77.7 116.5

145 34.9 26.6 39.8



#90

Hexachlorobutadiene

Concen: 5.567 ug/l

RT: 15.368 min Scan# 2275

Delta R.T. 0.006 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

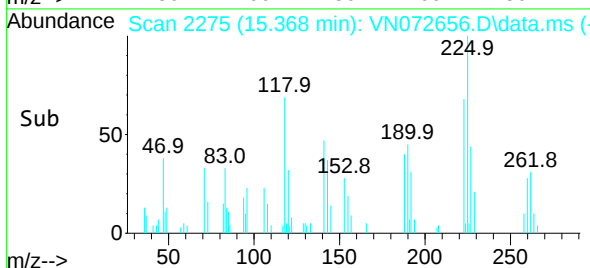
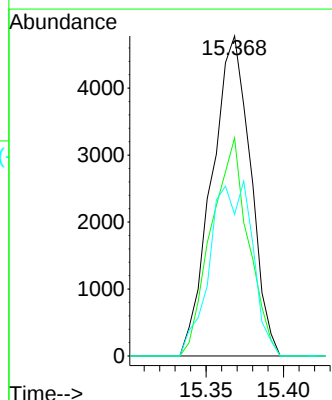
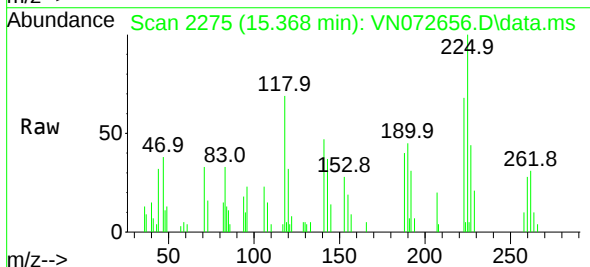
Tgt Ion:225 Resp: 8304

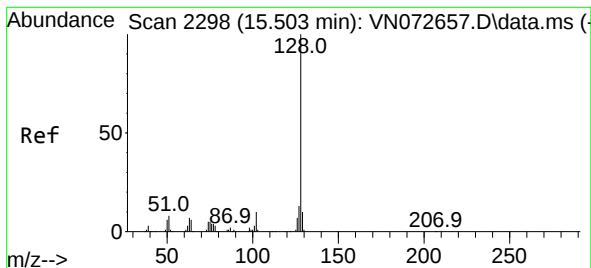
Ion Ratio Lower Upper

225 100

223 65.3 0.0 126.8

227 38.1 0.0 123.0





#91

Naphthalene

Concen: 4.553 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

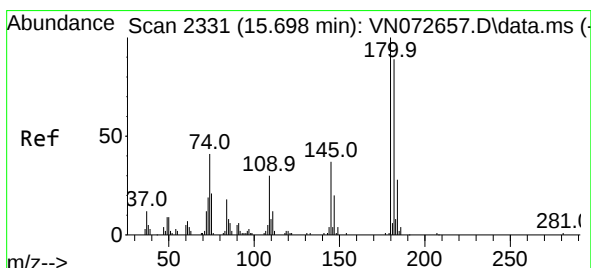
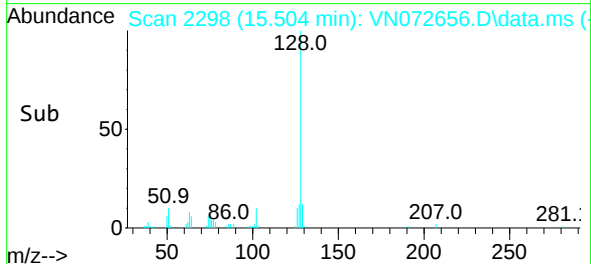
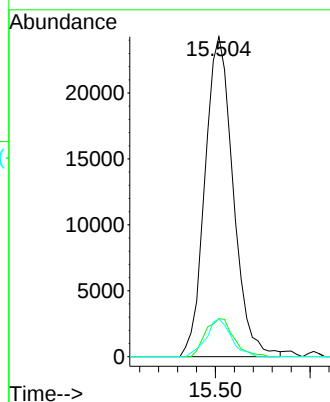
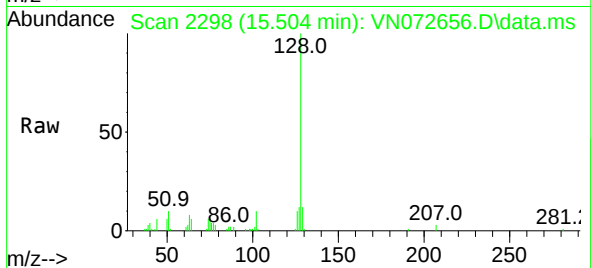
Tgt Ion:128 Resp: 50254

Ion Ratio Lower Upper

128 100

127 11.9 10.7 16.1

129 10.4 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 4.589 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VN072656.D

Acq: 06 Jun 2022 10:53

Tgt Ion:180 Resp: 14161

Ion Ratio Lower Upper

180 100

182 97.1 0.0 190.0

145 36.5 0.0 67.8

