

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071703.D
 Acq On : 31 Mar 2022 14:40
 Operator : JC\MD
 Sample : VN0331WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Quant Time: Mar 31 18:46:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	89315	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	500472	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	447519	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	190098	30.209	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.700%	
60) 4-Bromofluorobenzene	12.727	95	200531	30.221	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 100.733%	
63) Toluene-d8	10.439	98	613191	30.184	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.600%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	98614	17.739	ug/l	97
3) Chloromethane	2.298	50	118538	18.091	ug/l	97
4) Vinyl Chloride	2.440	62	132415	17.622	ug/l	100
5) Bromomethane	2.851	94	87015	19.652	ug/l	96
6) Chloroethane	3.016	64	91217	18.957	ug/l	96
7) Trichlorofluoromethane	3.369	101	170066	19.412	ug/l	97
8) Diethyl Ether	3.828	74	75416	20.487	ug/l	97
10) 1,1-Dichloroethene	4.187	96	98851	19.104	ug/l	96
11) Methyl Iodide	4.422	142	148806	19.625	ug/l	89
12) Methyl Acetate	4.851	43	156347	21.440	ug/l	97
13) Acrolein	4.045	56	72983	94.074	ug/l	99
14) Acrylonitrile	5.545	53	358520	108.552	ug/l	98
15) Acetone	4.281	58	119171	125.382	ug/l	86
16) Carbon Disulfide	4.528	76	213666	15.860	ug/l	97
17) Allyl chloride	4.839	41	165222	19.686	ug/l	82
18) Methylene Chloride	5.092	84	127237	20.497	ug/l	94
19) trans-1,2-Dichloroethene	5.598	96	107393	19.404	ug/l	94
20) Diisopropyl ether	6.492	45	370217	21.082	ug/l	94
21) 1,1-Dichloroethane	6.381	63	216172	20.390	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	137602	20.465	ug/l	97
23) tert-Butyl Alcohol	5.363	59	132419	112.361	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	397059	21.262	ug/l	91
25) Chloroform	7.816	83	228272	21.408	ug/l	98
26) Cyclohexane	8.098	56	170492	18.604	ug/l #	98
29) 1,1-Dichloropropene	8.222	75	156050	19.264	ug/l	100
30) 2-Butanone	7.328	43	489906	108.647	ug/l	97
31) 2,2-Dichloropropane	7.322	77	187598	20.329	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	190343	20.175	ug/l	99
33) Carbon Tetrachloride	8.204	117	160423	20.087	ug/l	98
34) Benzene	8.457	78	506516	20.125	ug/l	99
35) Methacrylonitrile	7.633	41	93284	21.562	ug/l	95
36) 1,2-Dichloroethane	8.527	62	179440	20.437	ug/l	96
37) Trichloroethene	9.216	130	129332	19.915	ug/l	99
38) Methylcyclohexane	9.457	83	190041	18.612	ug/l	95
39) 1,2-Dichloropropane	9.486	63	128765	20.449	ug/l	93
40) Dibromomethane	9.574	93	85257	20.004	ug/l	87
41) Bromodichloromethane	9.757	83	176401	20.683	ug/l	99
42) Vinyl Acetate	6.428	43	1560459	100.999	ug/l	96
43) Ethyl Acetate	7.410	43	180751	20.672	ug/l	100

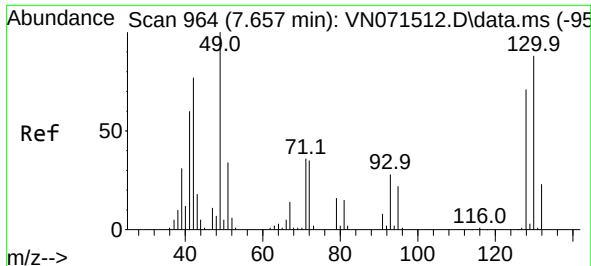
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.557	43	291209	20.766	ug/l	95
45) 1,4-Dioxane	9.563	88	62918	444.682	ug/l	95
46) Methyl methacrylate	9.557	41	121266	19.719	ug/l	83
47) n-amyl Acetate	12.386	43	180695	19.309	ug/l	91
48) t-1,3-Dichloropropene	10.716	75	184082	19.857	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	203406	20.065	ug/l #	85
50) 1,1,2-Trichloroethane	10.892	97	134102	21.047	ug/l	98
51) Ethyl methacrylate	10.757	69	198902	20.218	ug/l	84
52) 1,3-Dichloropropane	11.039	76	225076	20.685	ug/l	99
53) Dibromochloromethane	11.233	129	134216	20.349	ug/l	100
54) 1,2-Dibromoethane	11.345	107	133570	20.379	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	166656	62.874	ug/l	98
56) Bromoform	12.451	173	100542	19.771	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	924817	108.863	ug/l	92
59) 2-Hexanone	11.080	43	673100	108.521	ug/l	90
61) Tetrachloroethene	10.974	164	114224	20.972	ug/l	90
62) Toluene	10.504	91	563528	20.767	ug/l	98
64) Chlorobenzene	11.768	112	345953	20.669	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	129355	21.066	ug/l	98
66) Ethyl Benzene	11.839	91	599471	20.329	ug/l	98
67) m/p-Xylenes	11.951	106	468007	40.795	ug/l	96
68) o-Xylene	12.274	106	231715	20.322	ug/l	97
69) Styrene	12.292	104	363741	20.270	ug/l	96
70) Isopropylbenzene	12.574	105	600959	20.999	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	204638	21.970	ug/l	98
72) 1,2,3-Trichloropropane	12.880	75	239314	29.907	ug/l	54
73) Bromobenzene	12.857	156	142661	20.434	ug/l	97
74) n-propylbenzene	12.915	91	633409	20.279	ug/l	98
75) 2-Chlorotoluene	13.004	91	402703	20.631	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	476387	20.749	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	55464	19.740	ug/l	90
78) 4-Chlorotoluene	13.104	91	370774	20.339	ug/l	98
79) tert-butylbenzene	13.321	119	429832	20.746	ug/l	95
80) 1,2,4-Trimethylbenzene	13.498	105	574168	25.774	ug/l	100
81) sec-Butylbenzene	13.498	105	573465	20.600	ug/l	98
82) p-Isopropyltoluene	13.609	119	460839	20.374	ug/l	97
83) 1,3-Dichlorobenzene	13.609	146	233403	20.431	ug/l	97
84) 1,4-Dichlorobenzene	13.692	146	224153	20.557	ug/l	98
85) n-Butylbenzene	13.939	91	322015	19.167	ug/l	95
86) Hexachloroethane	14.209	117	85312	20.198	ug/l	80
87) 1,2-Dichlorobenzene	13.986	146	233526	21.144	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	34135	20.598	ug/l	84
89) 1,2,4-Trichlorobenzene	15.262	180	106355	20.832	ug/l	96
90) Hexachlorobutadiene	15.362	225	67331	22.256	ug/l	98
91) Naphthalene	15.503	128	279995	21.118	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	105995	21.169	ug/l	98

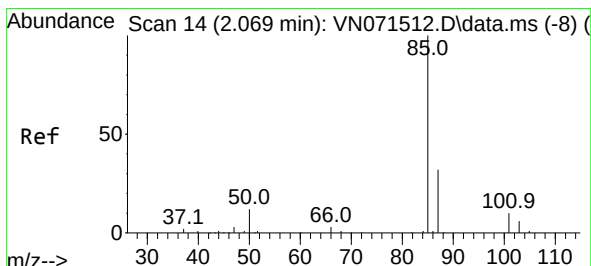
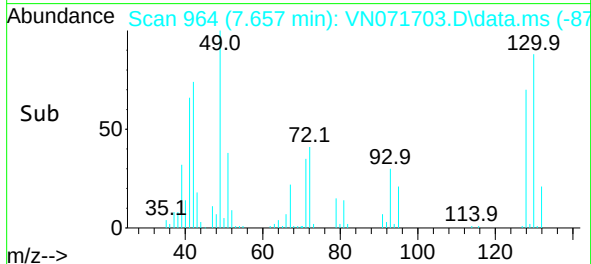
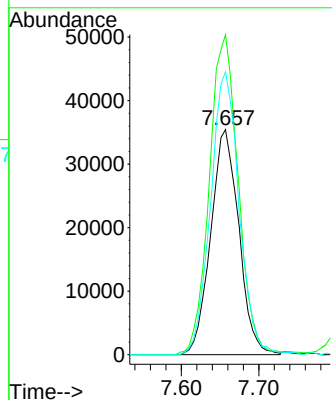
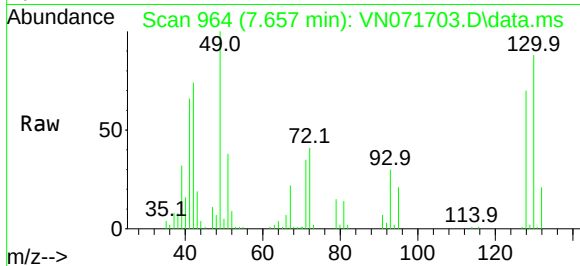
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

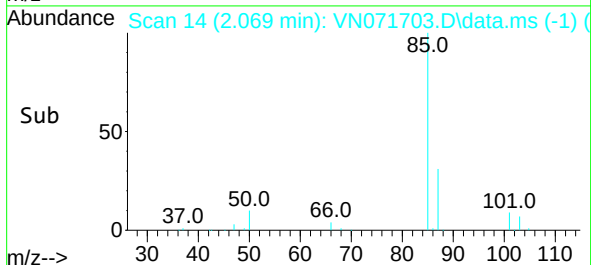
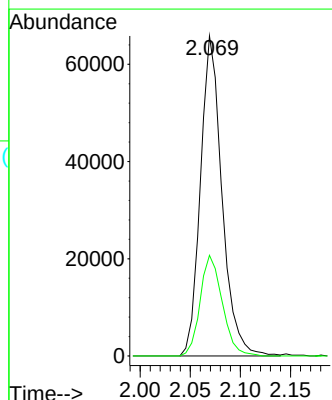
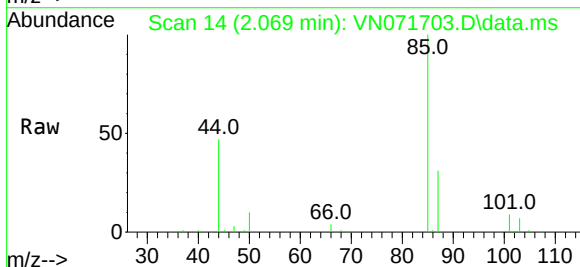
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

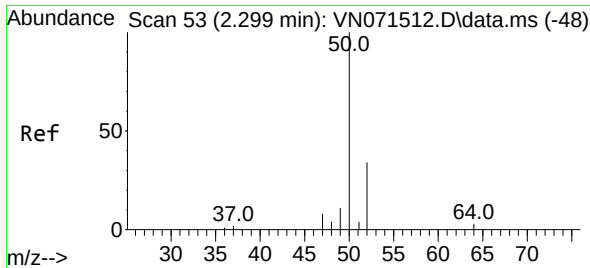
Tgt Ion:128 Resp: 89315
Ion Ratio Lower Upper
128 100
49 145.2 0.0 392.3
130 127.4 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 17.739 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 85 Resp: 98614
Ion Ratio Lower Upper
85 100
87 31.4 16.6 49.7

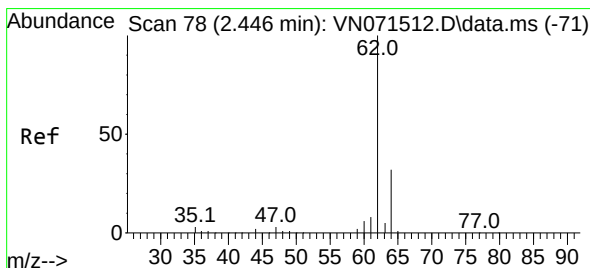
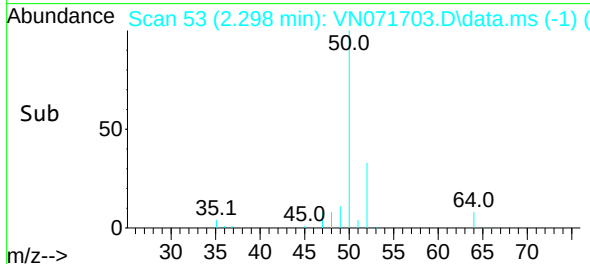
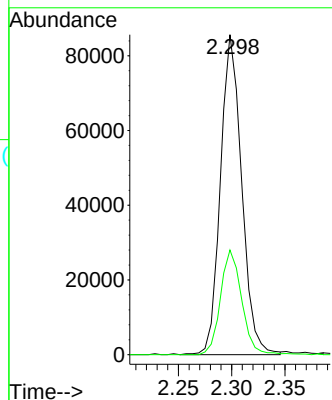
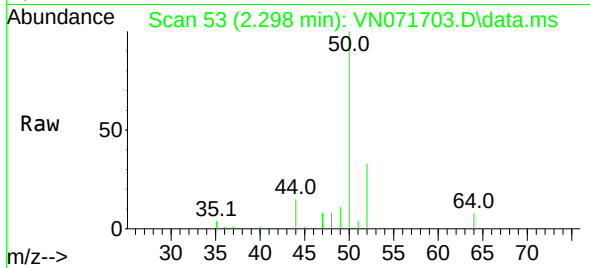




#3
Chloromethane
Concen: 18.091 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

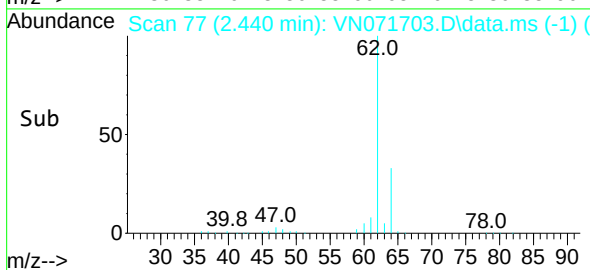
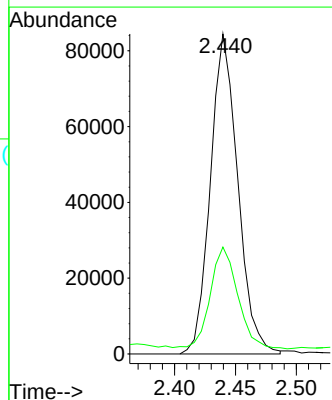
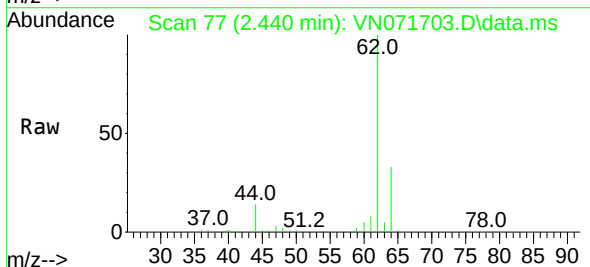
Instrument :
MSVOA_N
ClientSampleId :
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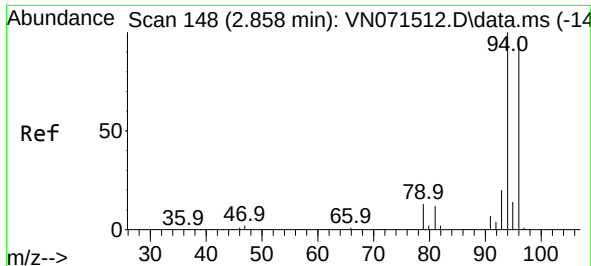
Tgt Ion: 50 Resp: 118538
Ion Ratio Lower Upper
50 100
52 32.7 27.8 41.6



#4
Vinyl Chloride
Concen: 17.622 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 62 Resp: 132415
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

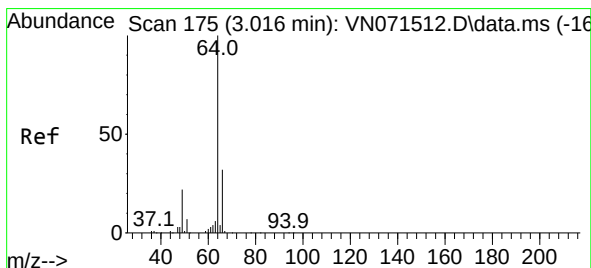
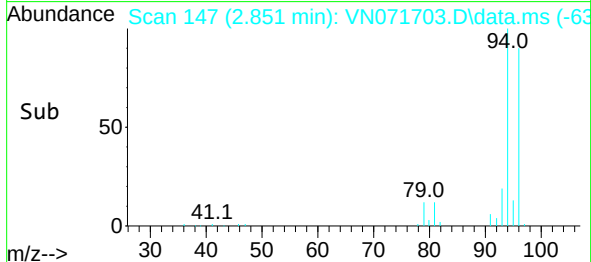
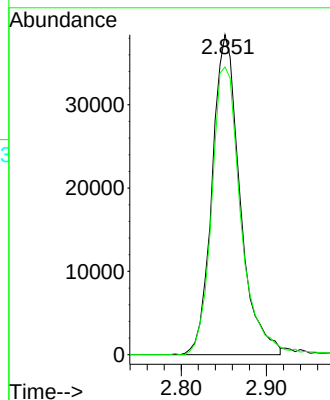
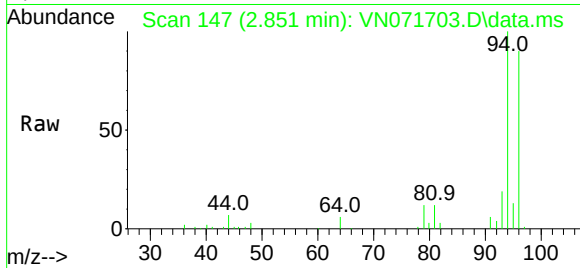




#5
Bromomethane
Concen: 19.652 ug/l
RT: 2.851 min Scan# 148
Delta R.T. -0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

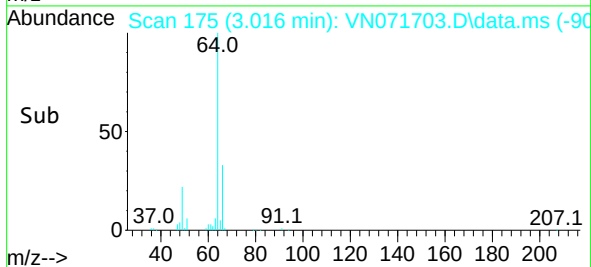
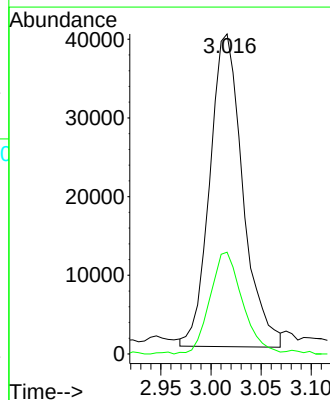
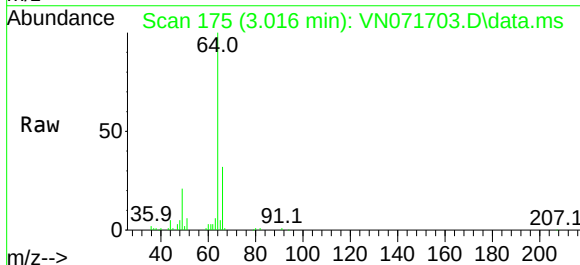
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ClientSampleId :
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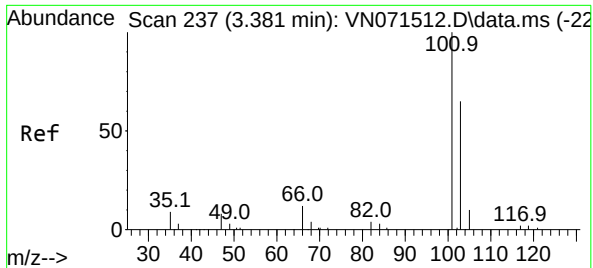
Tgt Ion: 94 Resp: 87015
Ion Ratio Lower Upper
94 100
96 89.9 75.2 112.8



#6
Chloroethane
Concen: 18.957 ug/l
RT: 3.016 min Scan# 175
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 64 Resp: 91217
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8

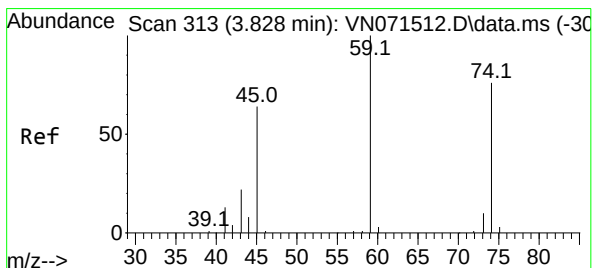
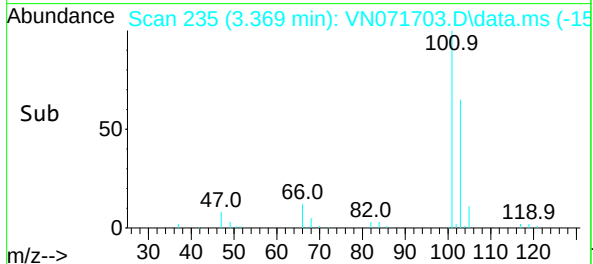
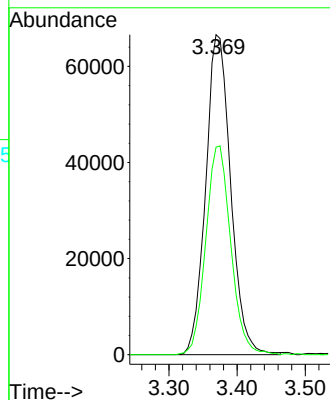
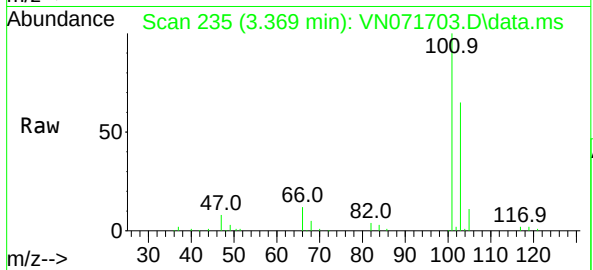




#7
 Trichlorofluoromethane
 Concen: 19.412 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

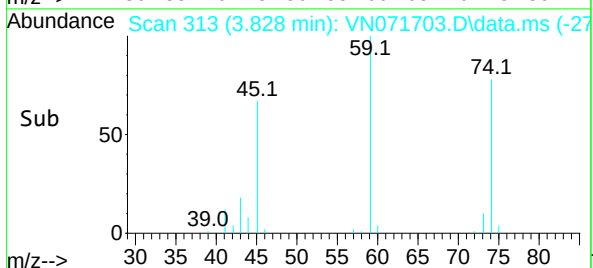
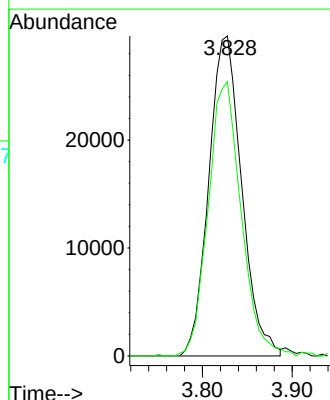
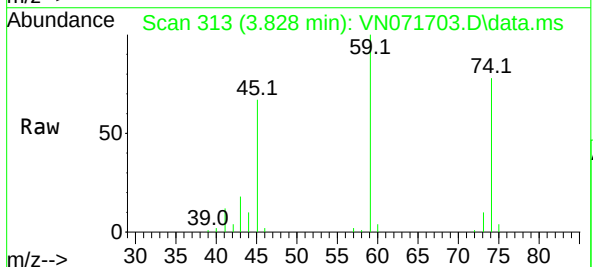
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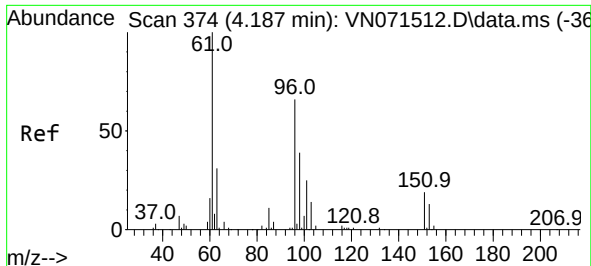
Tgt Ion:101 Resp: 170066
 Ion Ratio Lower Upper
 101 100
 103 64.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.487 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. -0.000 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

Tgt Ion: 74 Resp: 75416
 Ion Ratio Lower Upper
 74 100
 45 85.8 17.6 158.8





#10

1,1-Dichloroethene

Concen: 19.104 ug/l

RT: 4.187 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

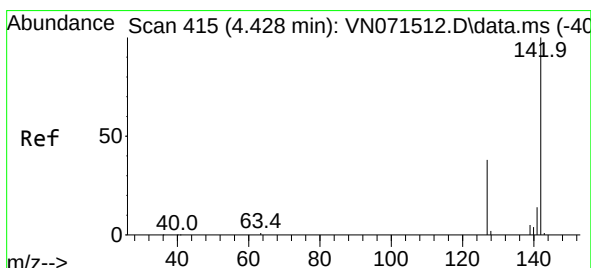
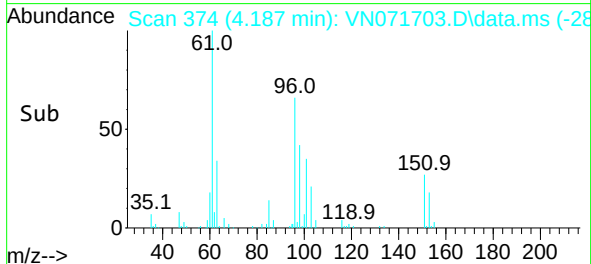
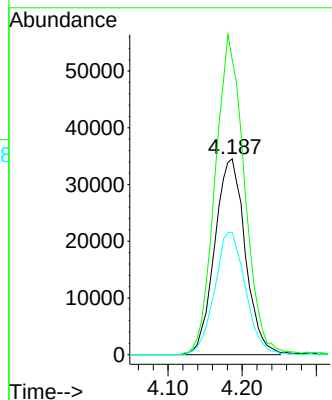
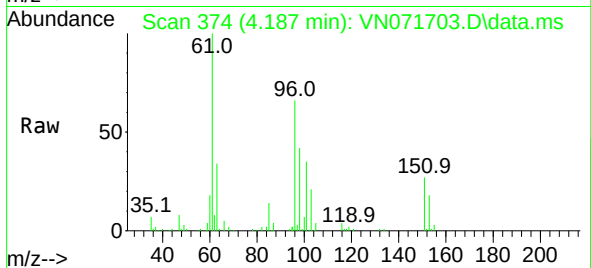
Tgt Ion: 96 Resp: 98851

Ion Ratio Lower Upper

96 100

61 150.7 126.2 189.4

98 62.6 50.9 76.3



#11

Methyl Iodide

Concen: 19.625 ug/l

RT: 4.422 min Scan# 414

Delta R.T. -0.006 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

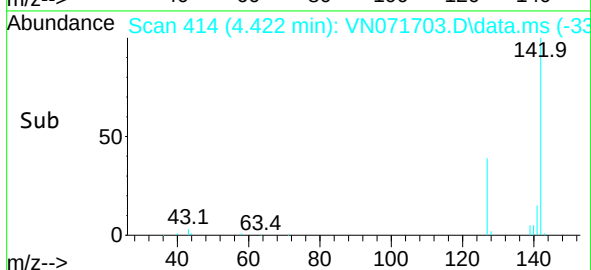
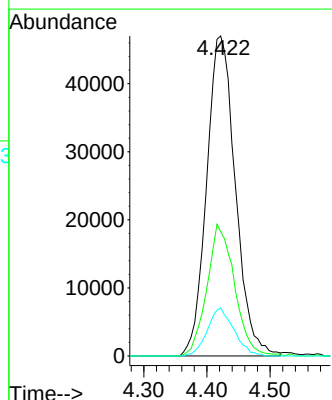
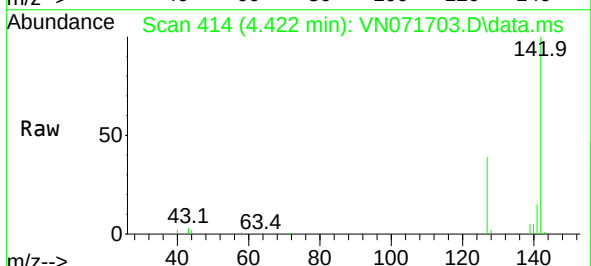
Tgt Ion: 142 Resp: 148806

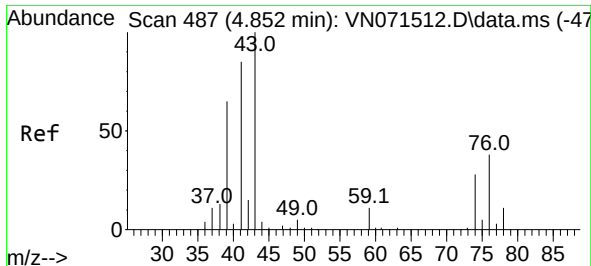
Ion Ratio Lower Upper

142 100

127 38.7 24.0 72.0

141 15.1 8.4 25.2

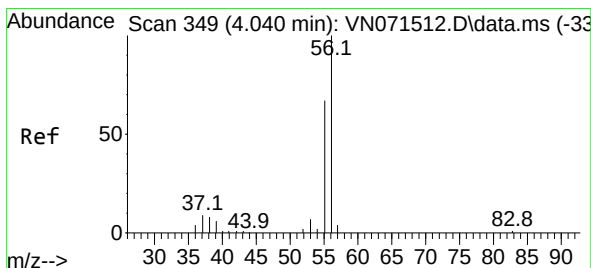
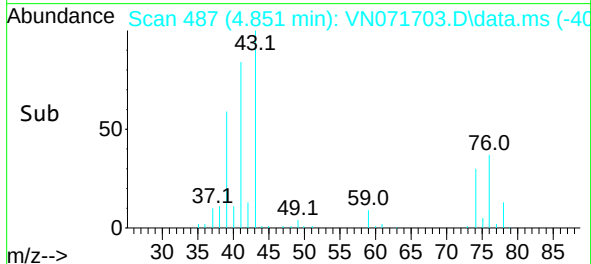
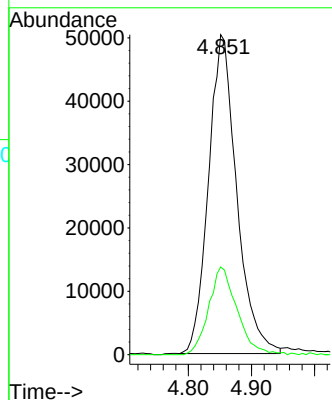
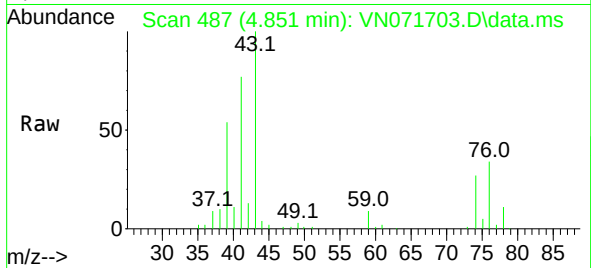




#12
Methyl Acetate
Concen: 21.440 ug/l
RT: 4.851 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

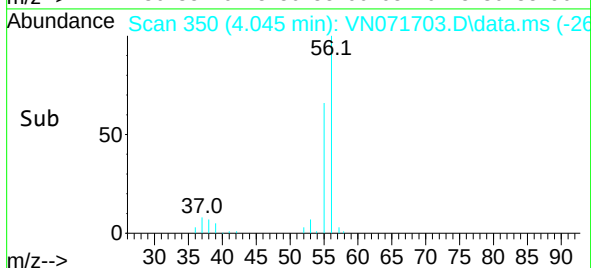
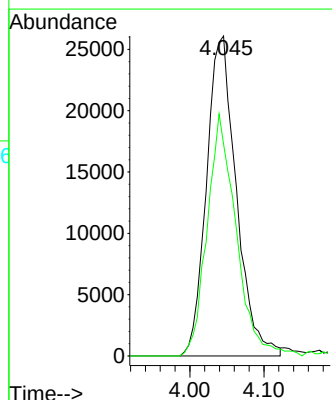
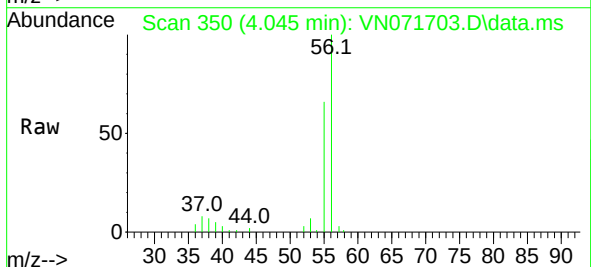
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

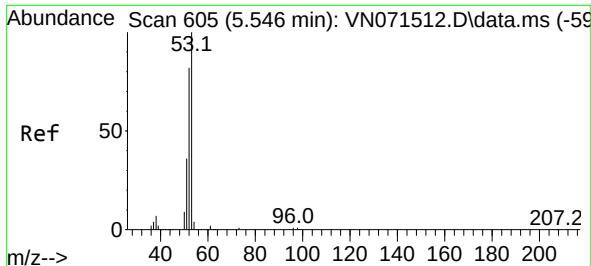
Tgt Ion: 43 Resp: 156347
Ion Ratio Lower Upper
43 100
74 27.5 20.8 31.2



#13
Acrolein
Concen: 94.074 ug/l
RT: 4.045 min Scan# 350
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 56 Resp: 72983
Ion Ratio Lower Upper
56 100
55 72.8 57.6 86.4

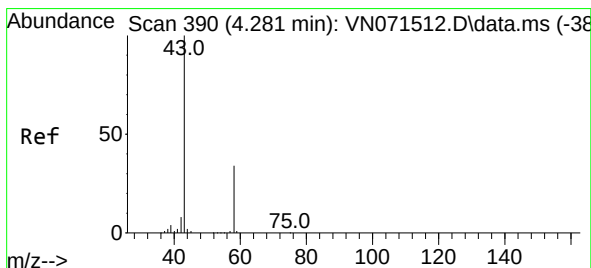
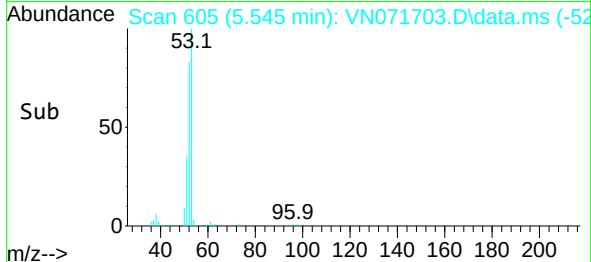
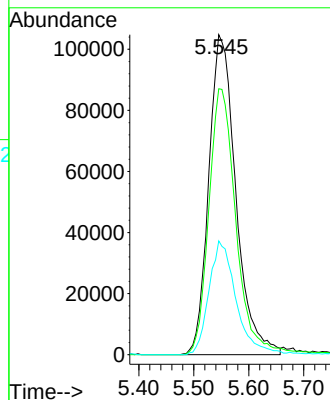
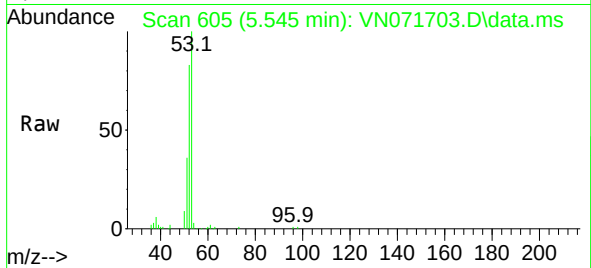




#14
Acrylonitrile
Concen: 108.552 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

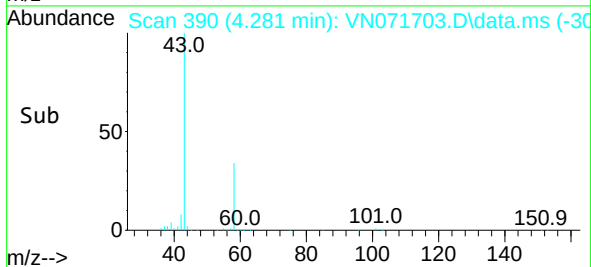
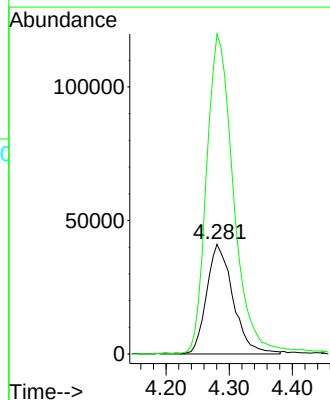
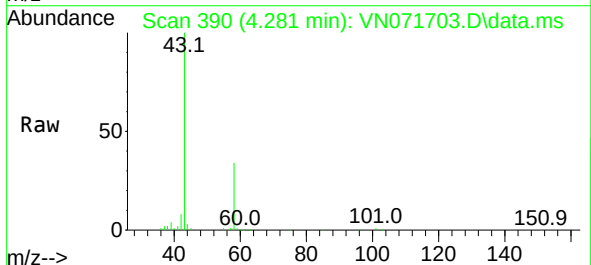
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

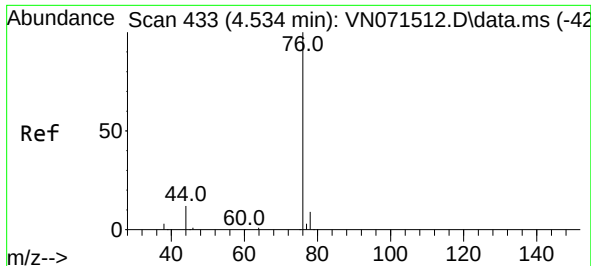
Tgt Ion: 53 Resp: 358520
Ion Ratio Lower Upper
53 100
52 82.2 41.8 125.4
51 35.6 19.0 57.0



#15
Acetone
Concen: 125.382 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 58 Resp: 119171
Ion Ratio Lower Upper
58 100
43 291.0 256.6 384.8

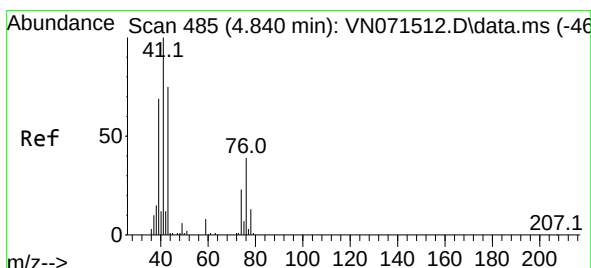
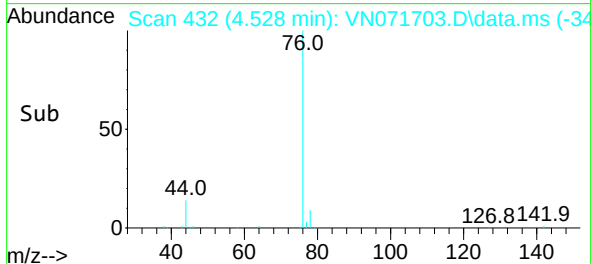
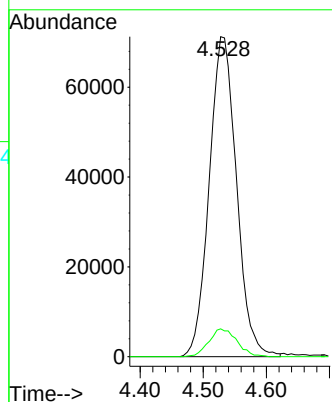
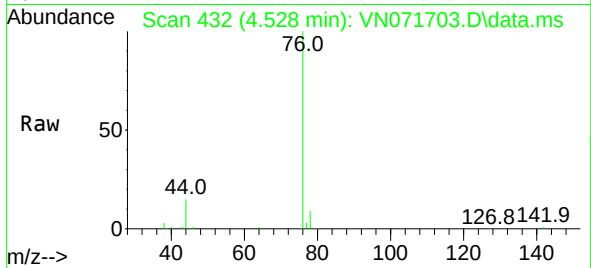




#16
Carbon Disulfide
Concen: 15.860 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

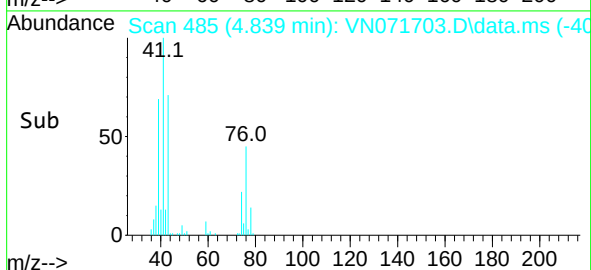
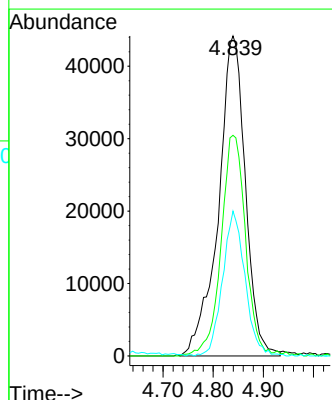
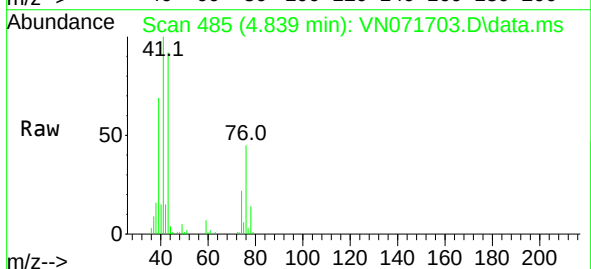
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

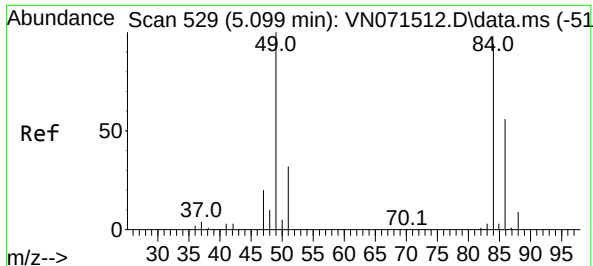
Tgt Ion: 76 Resp: 213666
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8



#17
Allyl chloride
Concen: 19.686 ug/l
RT: 4.839 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 41 Resp: 165222
Ion Ratio Lower Upper
41 100
39 69.0 44.6 134.0
76 44.8 19.6 58.7





#18

Methylene Chloride

Concen: 20.497 ug/l

RT: 5.092 min Scan# 51

Delta R.T. -0.006 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

Tgt Ion: 84 Resp: 127237

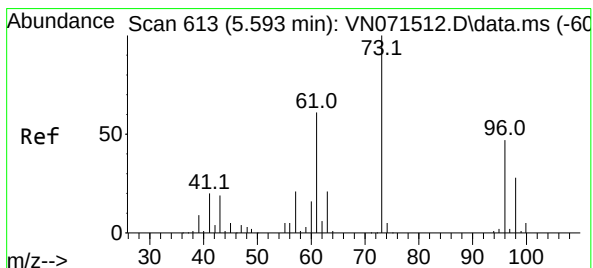
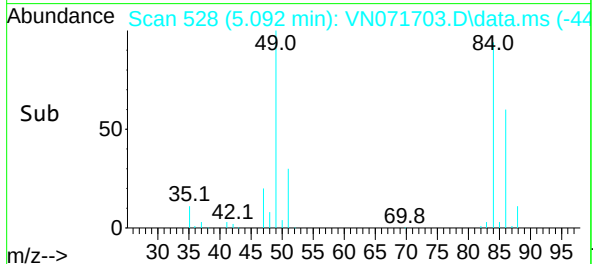
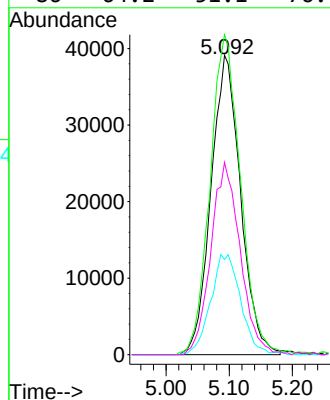
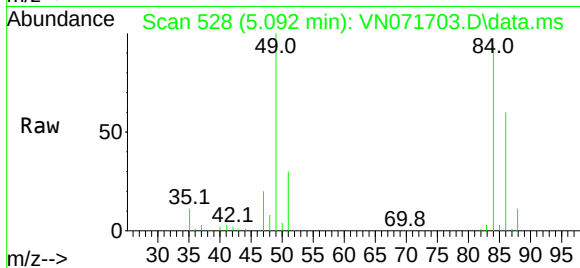
Ion Ratio Lower Upper

84 100

49 106.1 91.4 137.0

51 31.8 29.4 44.0

86 64.2 51.1 76.7



#19

trans-1,2-Dichloroethene

Concen: 19.404 ug/l

RT: 5.598 min Scan# 614

Delta R.T. 0.006 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

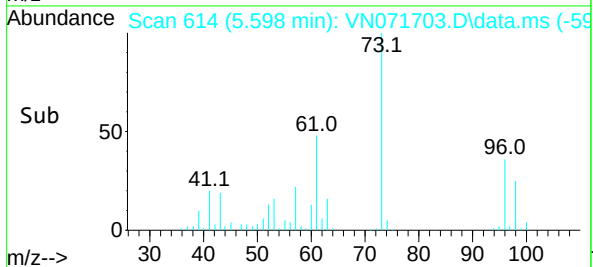
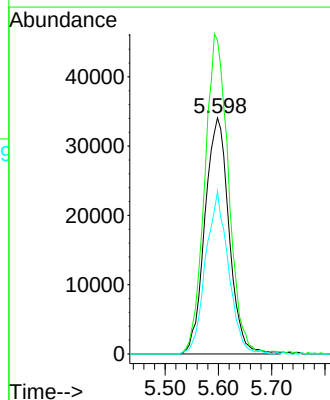
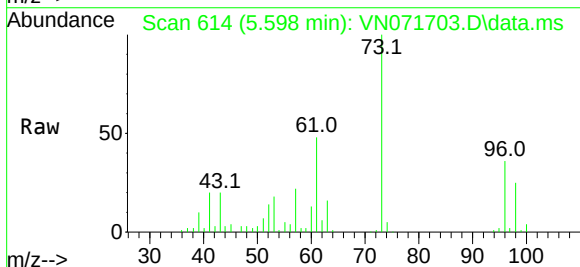
Tgt Ion: 96 Resp: 107393

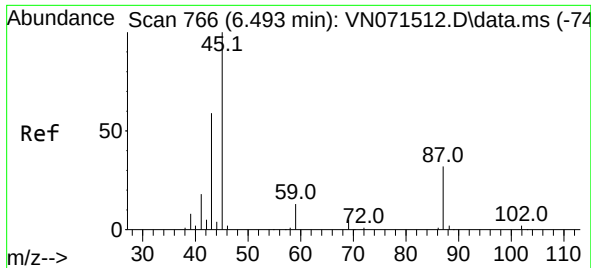
Ion Ratio Lower Upper

96 100

61 132.9 102.8 154.2

98 68.8 49.3 73.9



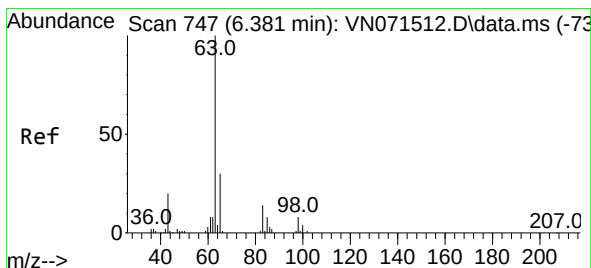
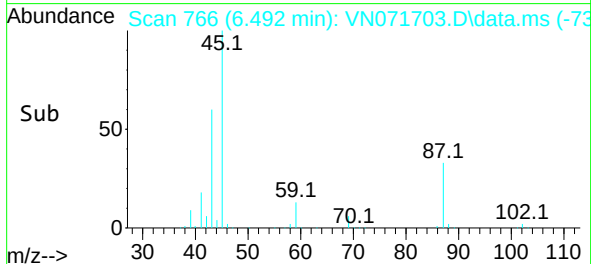
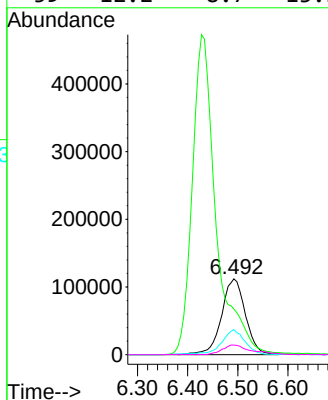
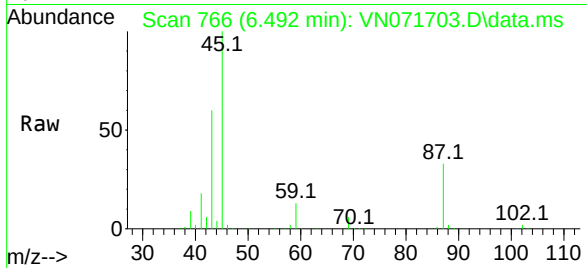


#20
Diisopropyl ether
Concen: 21.082 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

Tgt Ion: 45 Resp: 370217

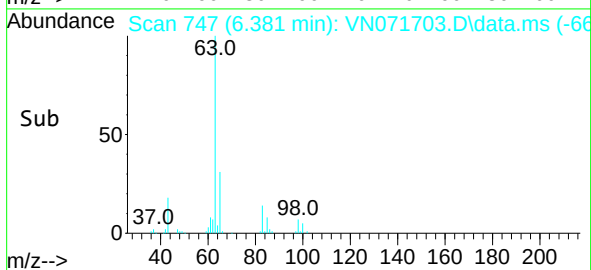
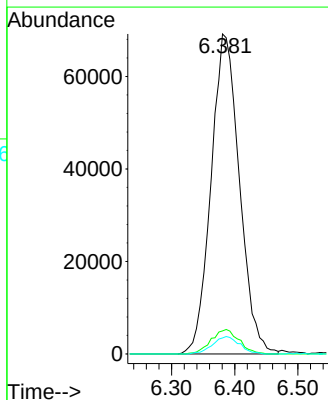
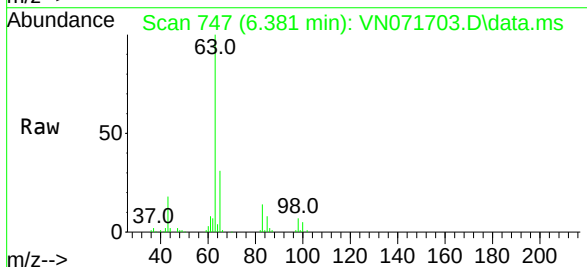
Ion	Ratio	Lower	Upper
45	100		
43	57.4	51.0	76.4
87	33.0	25.0	37.4
59	12.2	8.7	13.1

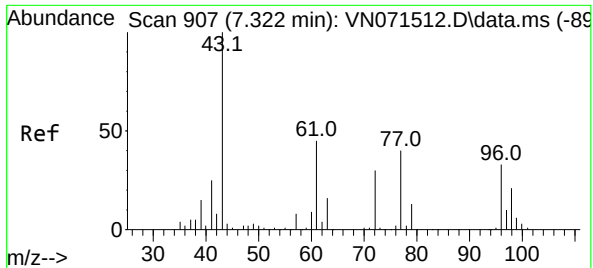


#21
1,1-Dichloroethane
Concen: 20.390 ug/l
RT: 6.381 min Scan# 747
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 63 Resp: 216172

Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.2	9.6
100	5.0	2.1	6.2

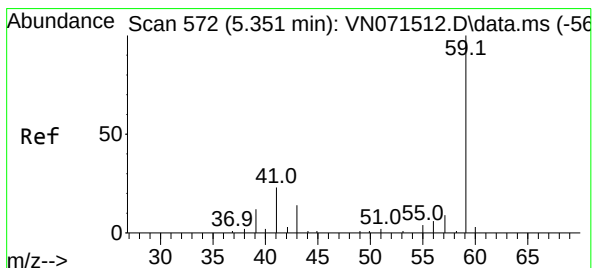
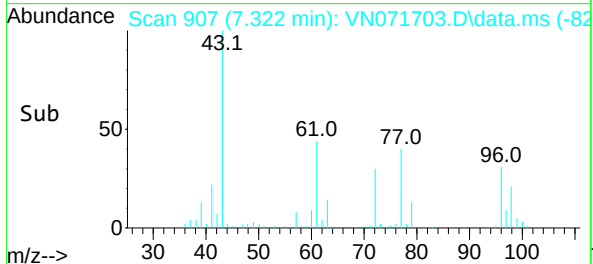
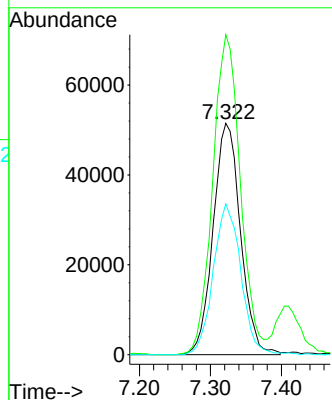
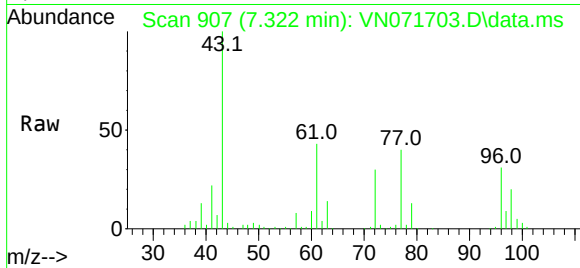




#22
 cis-1,2-Dichloroethene
 Concen: 20.465 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

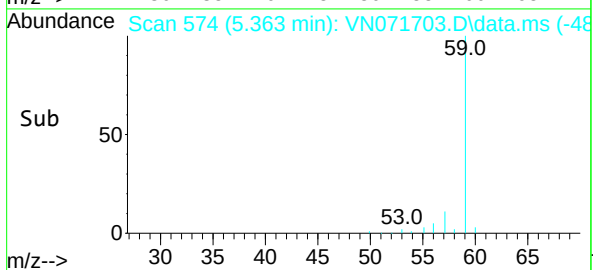
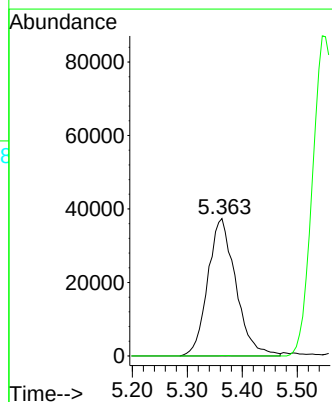
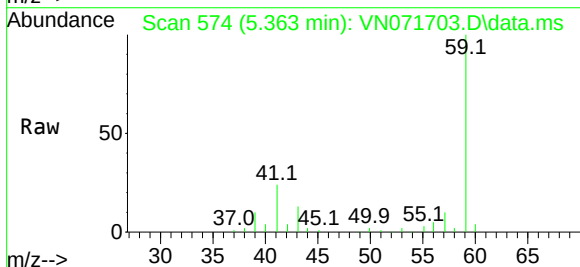
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

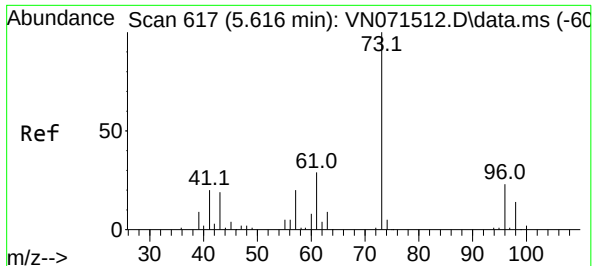
Tgt Ion: 96 Resp: 137602
 Ion Ratio Lower Upper
 96 100
 61 139.6 115.7 173.5
 98 65.5 51.6 77.4



#23
 tert-Butyl Alcohol
 Concen: 112.361 ug/l
 RT: 5.363 min Scan# 574
 Delta R.T. 0.011 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

Tgt Ion: 59 Resp: 132419
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0#

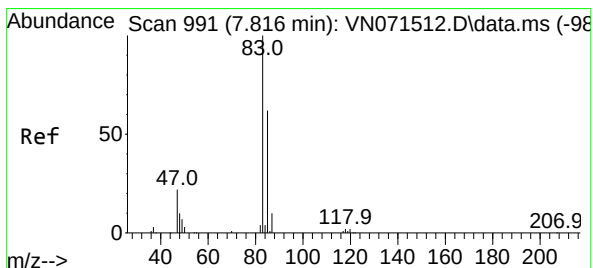
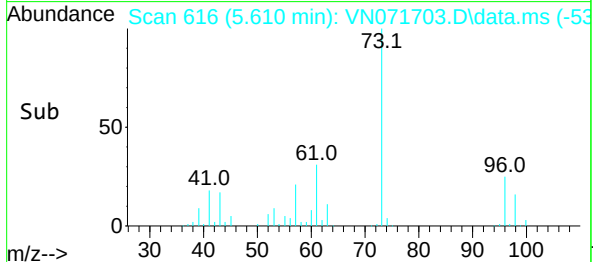
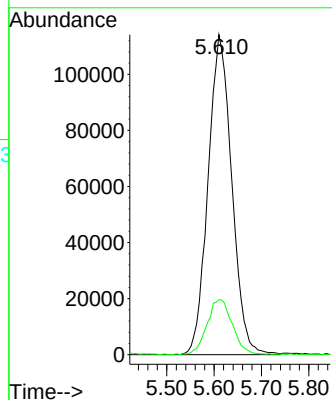
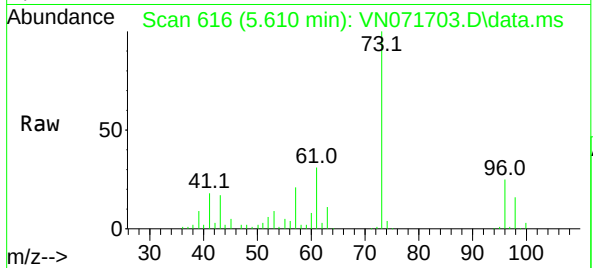




#24
Methyl tert-Butyl Ether
Concen: 21.262 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

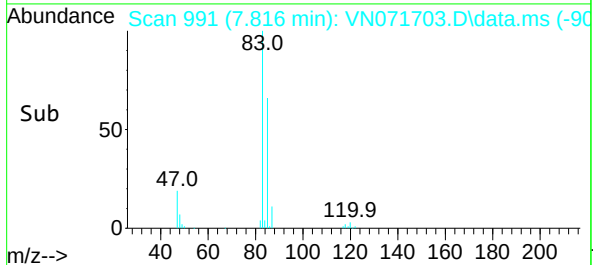
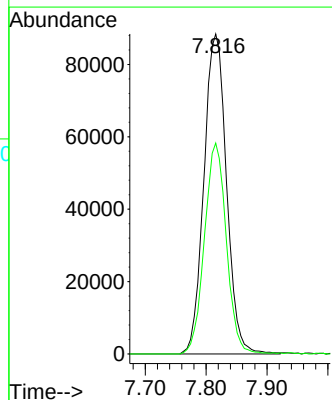
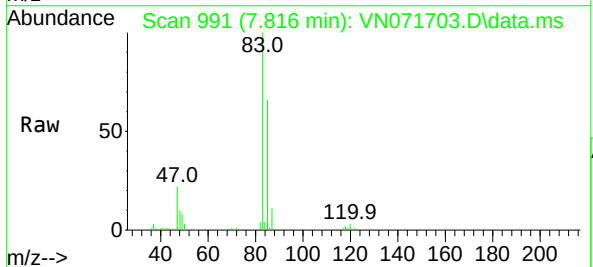
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

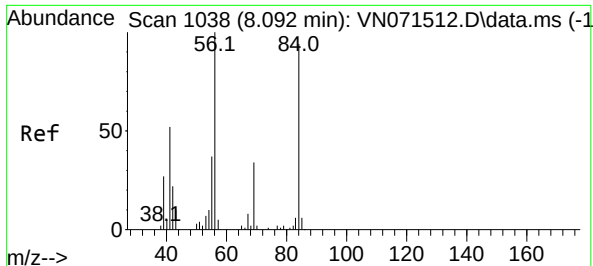
Tgt Ion: 73 Resp: 397059
Ion Ratio Lower Upper
73 100
43 18.2 18.1 27.1



#25
Chloroform
Concen: 21.408 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 83 Resp: 228272
Ion Ratio Lower Upper
83 100
85 65.9 51.3 76.9

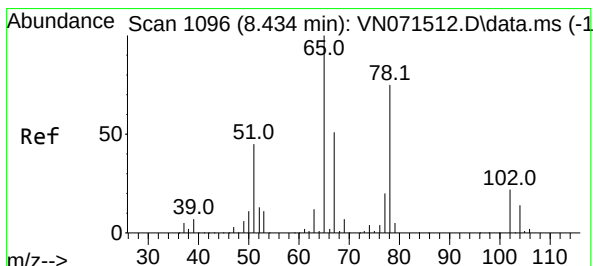
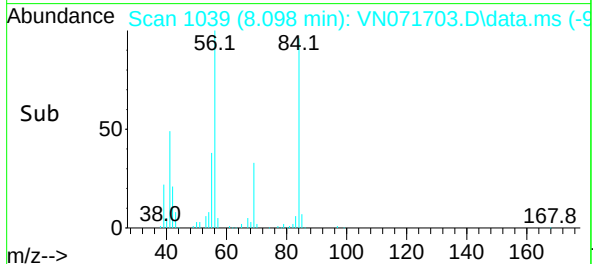
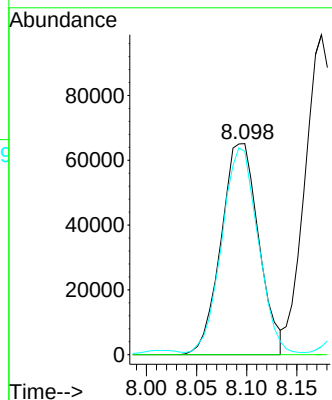
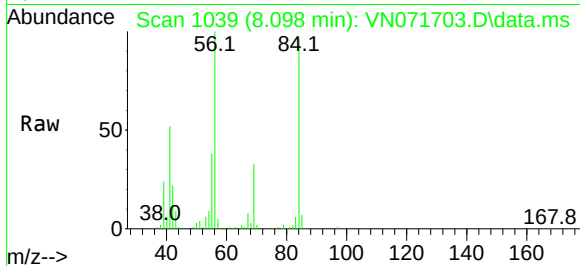




#26
Cyclohexane
Concen: 18.604 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

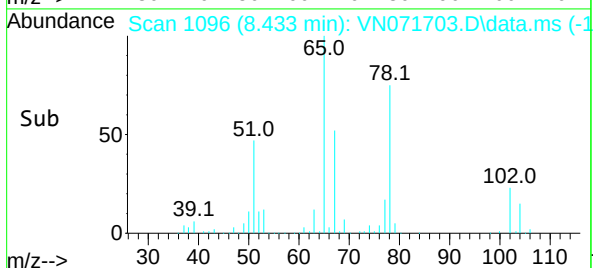
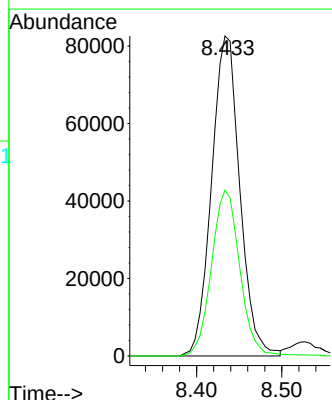
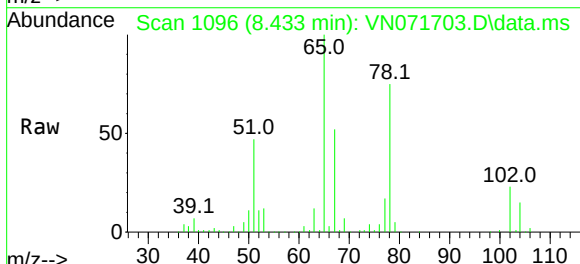
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

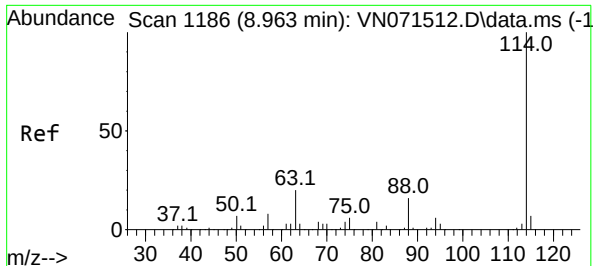
Tgt Ion: 56 Resp: 170492
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 95.3 74.6 111.8



#27
1,2-Dichloroethane-d4
Concen: 30.209 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 65 Resp: 190098
Ion Ratio Lower Upper
65 100
67 51.6 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: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

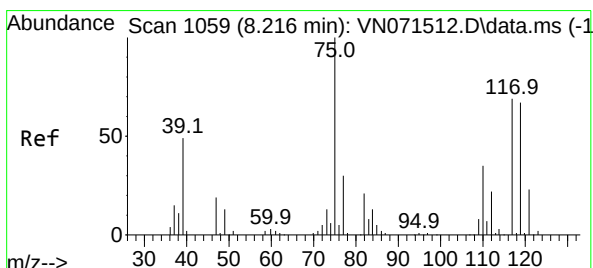
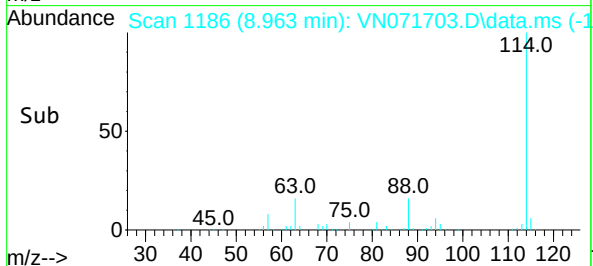
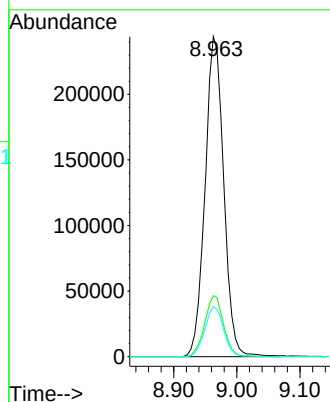
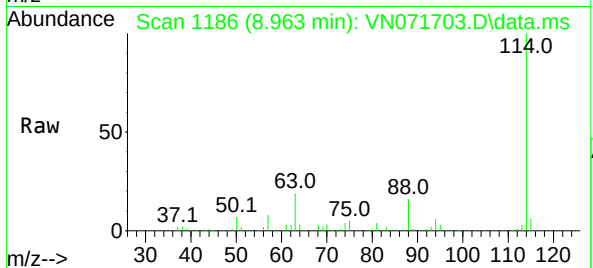
Tgt Ion:114 Resp: 500472

Ion Ratio Lower Upper

114 100

63 19.2 15.8 23.6

88 15.7 11.6 17.4



#29

1,1-Dichloropropene

Concen: 19.264 ug/l

RT: 8.222 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

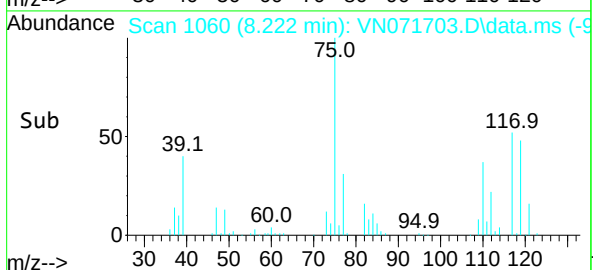
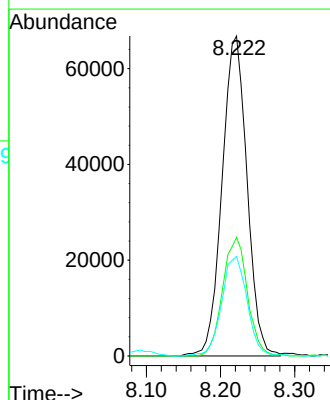
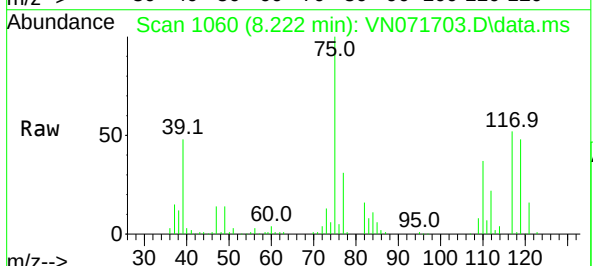
Tgt Ion: 75 Resp: 156050

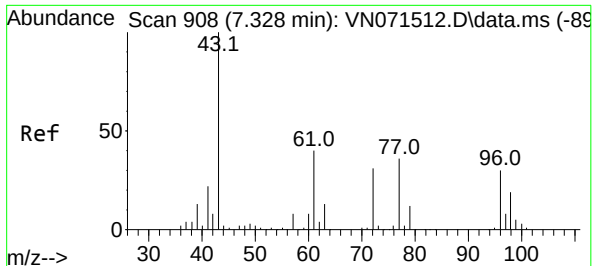
Ion Ratio Lower Upper

75 100

110 36.9 0.0 74.2

77 31.7 0.0 63.2





#30

2-Butanone

Concen: 108.647 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

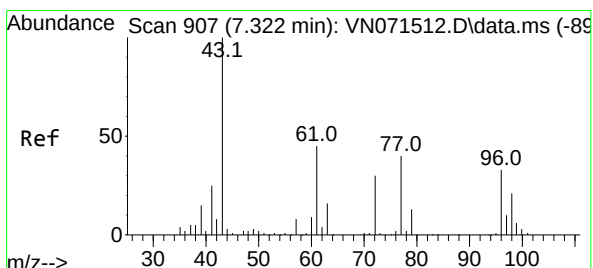
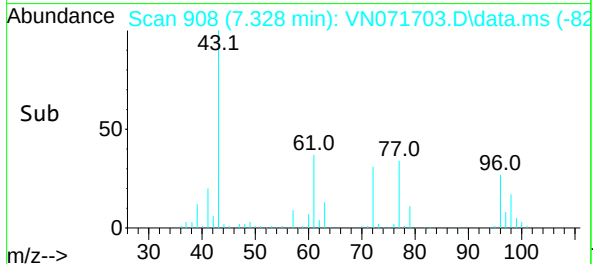
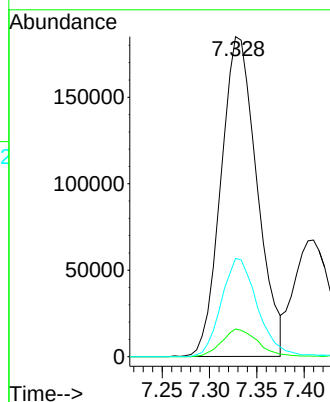
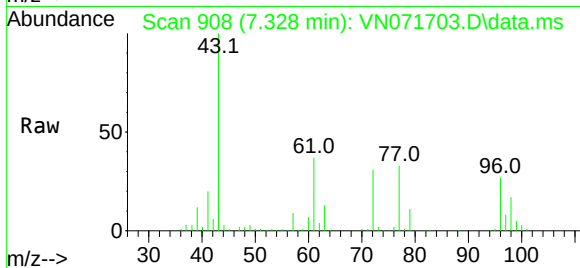
Tgt Ion: 43 Resp: 489906

Ion Ratio Lower Upper

43 100

57 8.8 6.7 10.1

72 30.7 23.2 34.8



#31

2,2-Dichloropropane

Concen: 20.329 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071703.D

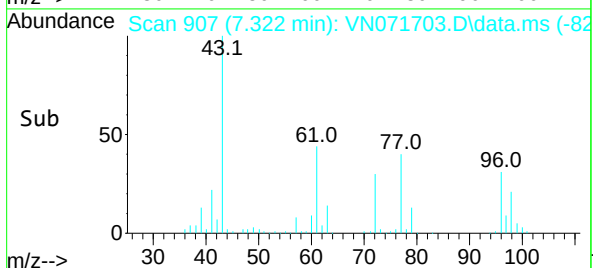
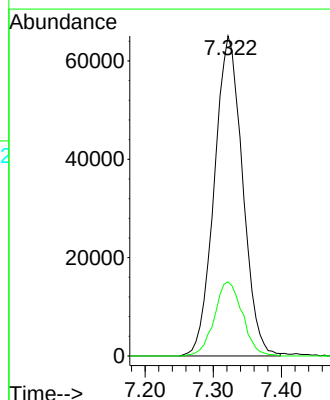
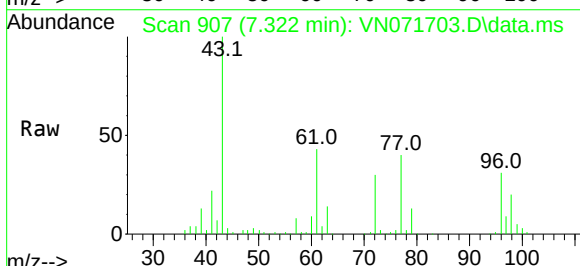
Acq: 31 Mar 2022 14:40

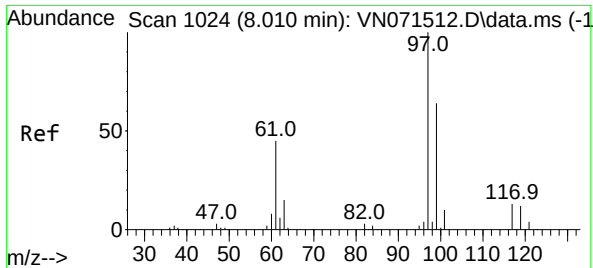
Tgt Ion: 77 Resp: 187598

Ion Ratio Lower Upper

77 100

97 23.0 18.3 27.5

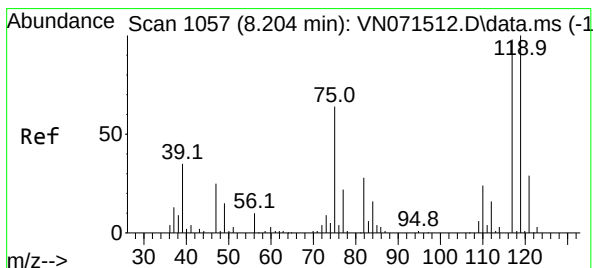
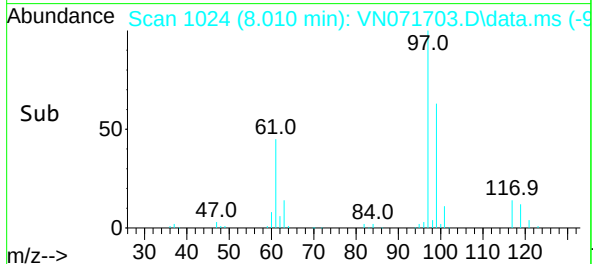
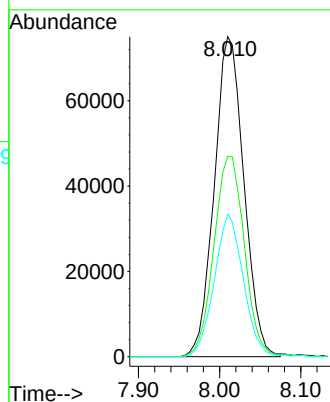
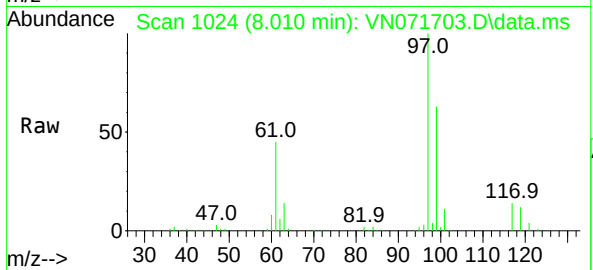




#32
1,1,1-Trichloroethane
Concen: 20.175 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

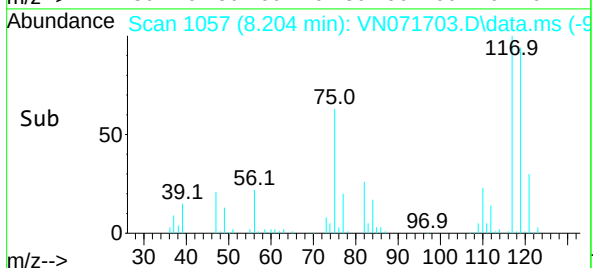
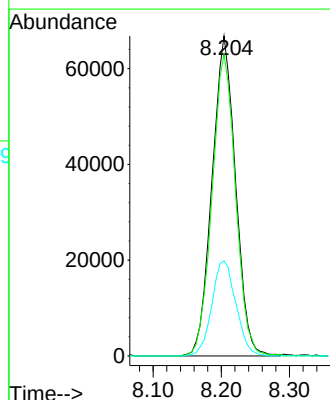
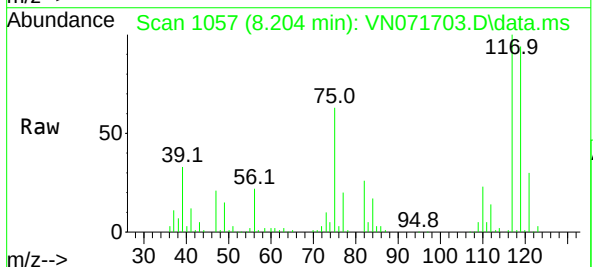
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

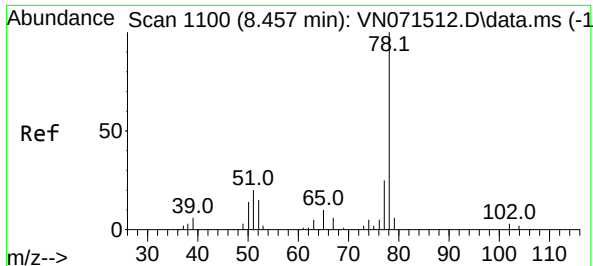
Tgt Ion:	97	Resp:	190343
Ion	Ratio	Lower	Upper
97	100		
99	64.3	50.4	75.6
61	43.5	34.6	51.8



#33
Carbon Tetrachloride
Concen: 20.087 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion:	117	Resp:	160423
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.5	116.3
121	29.7	23.5	35.3

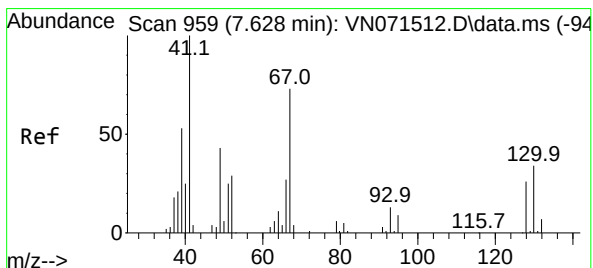
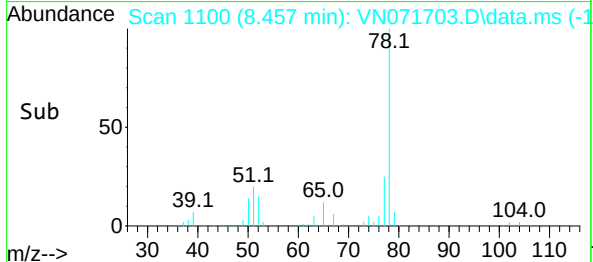
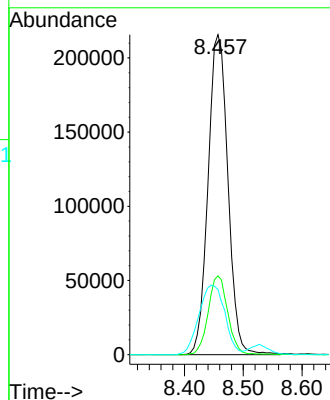
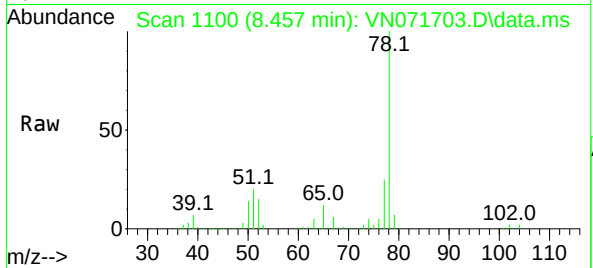




#34
Benzene
Concen: 20.125 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

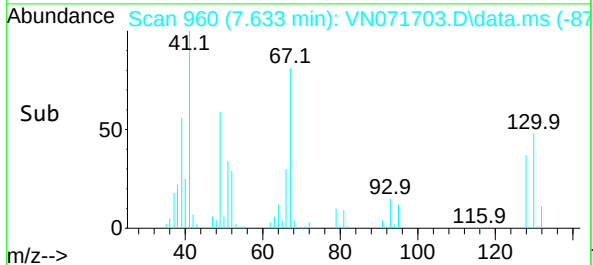
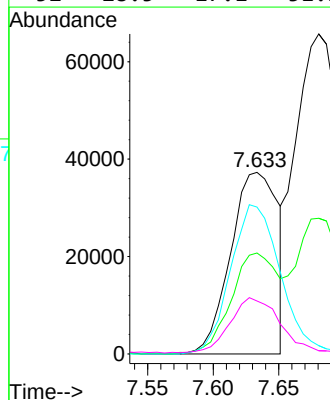
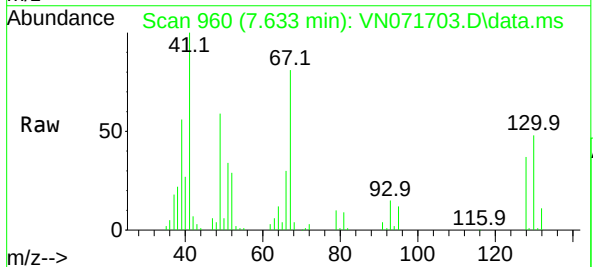
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

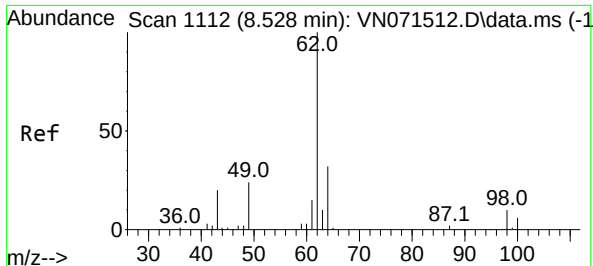
Tgt Ion: 78 Resp: 506516
Ion Ratio Lower Upper
78 100
77 24.7 19.1 28.7
51 20.0 16.0 24.0



#35
Methacrylonitrile
Concen: 21.562 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 41 Resp: 93284
Ion Ratio Lower Upper
41 100
39 54.7 28.0 83.9
67 80.8 37.7 113.1
52 28.5 17.1 51.2





#36

1,2-Dichloroethane

Concen: 20.437 ug/l

RT: 8.527 min Scan# 1112

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

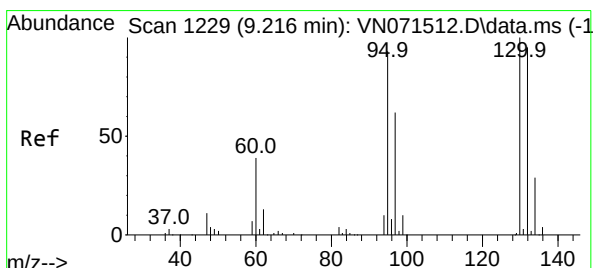
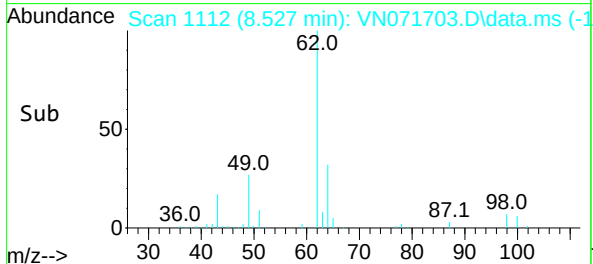
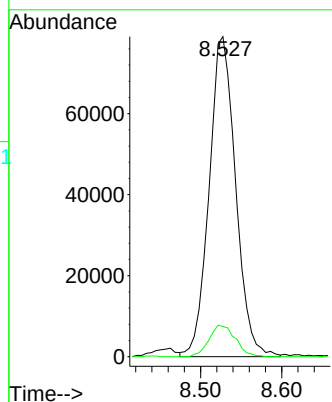
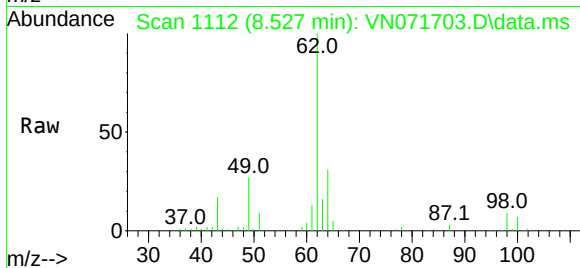
VN0331WBS01

Tgt Ion: 62 Resp: 179440

Ion Ratio Lower Upper

62 100

98 9.8 6.6 10.0



#37

Trichloroethene

Concen: 19.915 ug/l

RT: 9.216 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VN071703.D

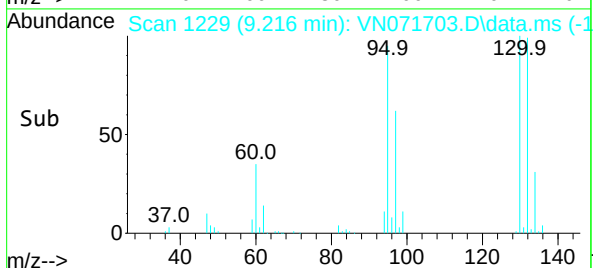
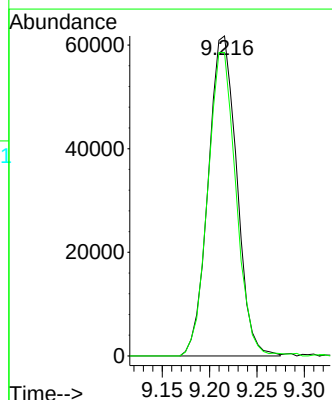
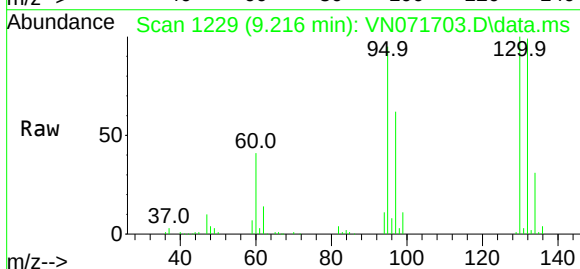
Acq: 31 Mar 2022 14:40

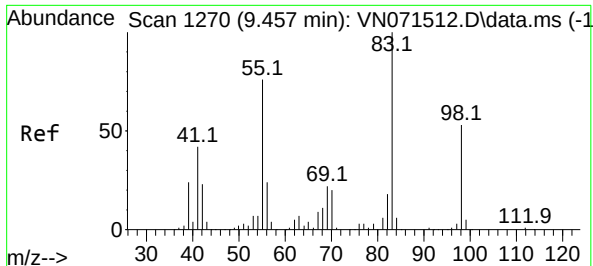
Tgt Ion:130 Resp: 129332

Ion Ratio Lower Upper

130 100

95 94.9 76.6 115.0





#38

Methylcyclohexane

Concen: 18.612 ug/l

RT: 9.457 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

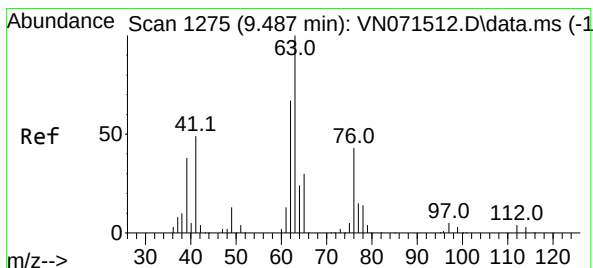
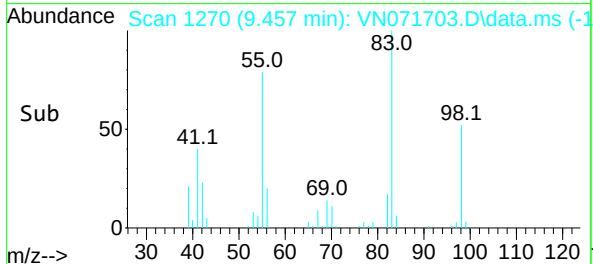
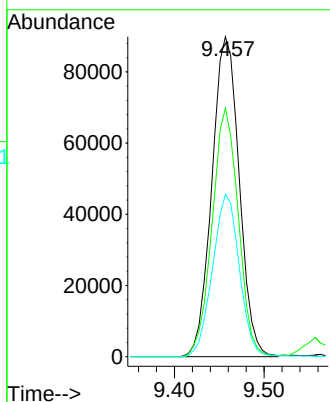
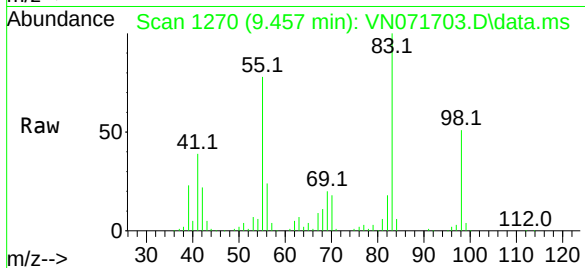
Tgt Ion: 83 Resp: 190041

Ion Ratio Lower Upper

83 100

55 74.4 35.1 105.3

98 49.8 23.4 70.2



#39

1,2-Dichloropropane

Concen: 20.449 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071703.D

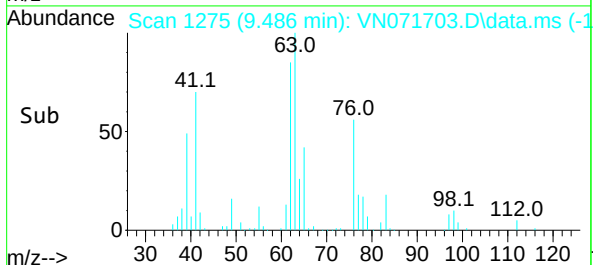
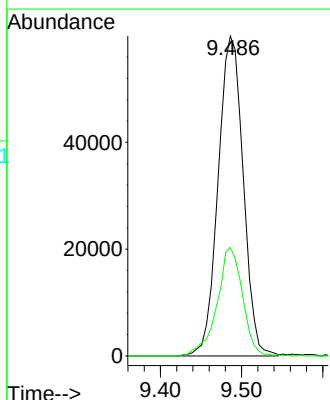
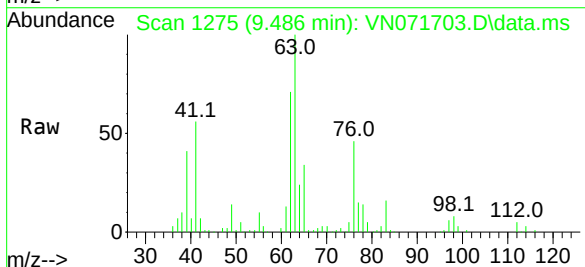
Acq: 31 Mar 2022 14:40

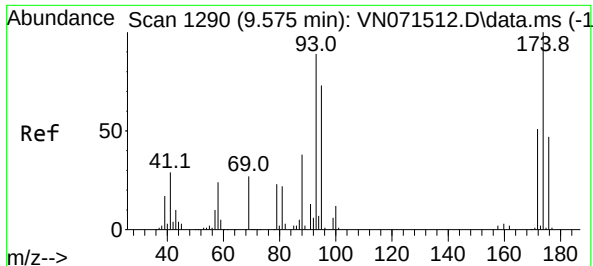
Tgt Ion: 63 Resp: 128765

Ion Ratio Lower Upper

63 100

65 34.0 24.2 36.4





#40

Dibromomethane

Concen: 20.004 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

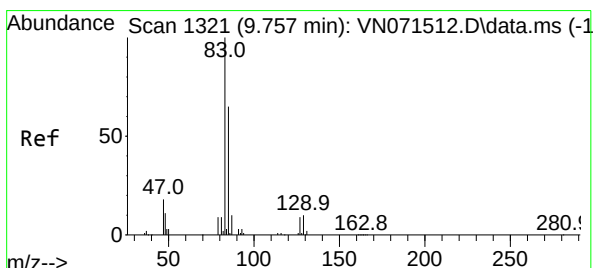
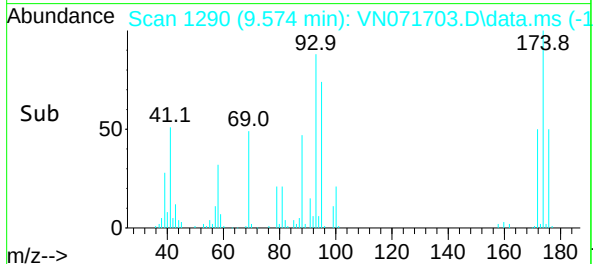
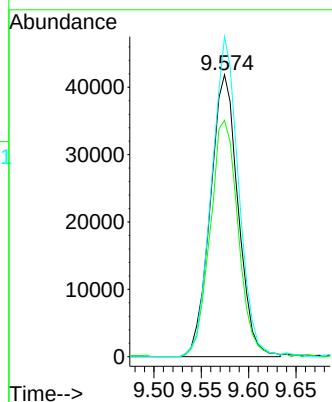
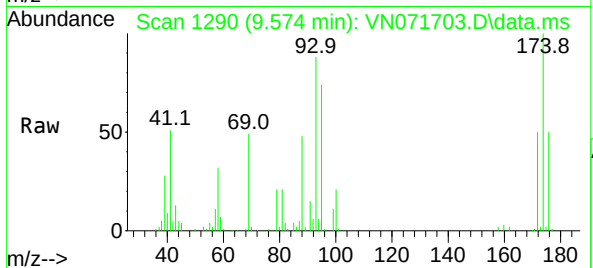
Tgt Ion: 93 Resp: 85257

Ion Ratio Lower Upper

93 100

95 84.6 0.0 168.8

174 110.2 0.0 173.6



#41

Bromodichloromethane

Concen: 20.683 ug/l

RT: 9.757 min Scan# 1321

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

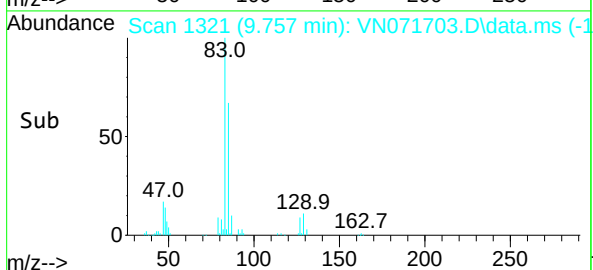
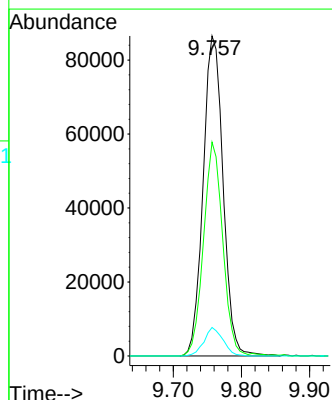
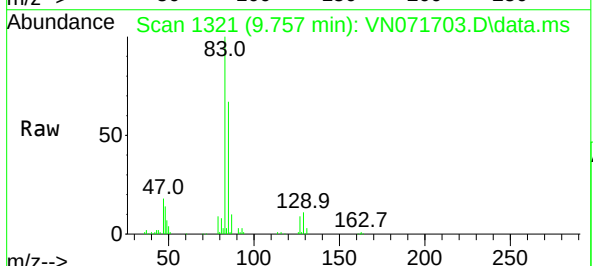
Tgt Ion: 83 Resp: 176401

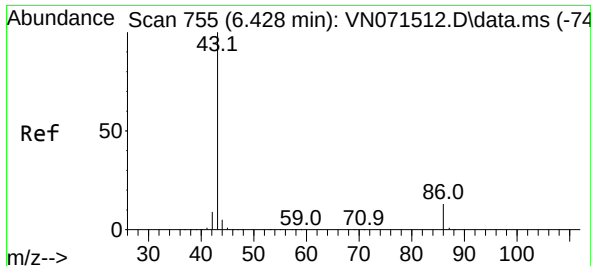
Ion Ratio Lower Upper

83 100

85 66.8 54.1 81.1

127 8.9 7.6 11.4

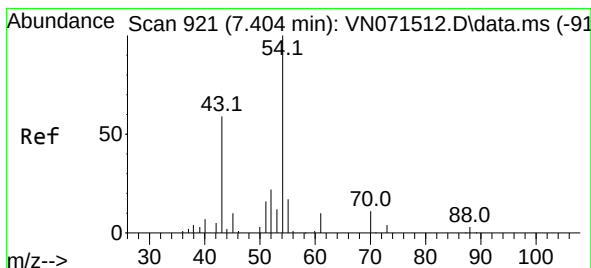
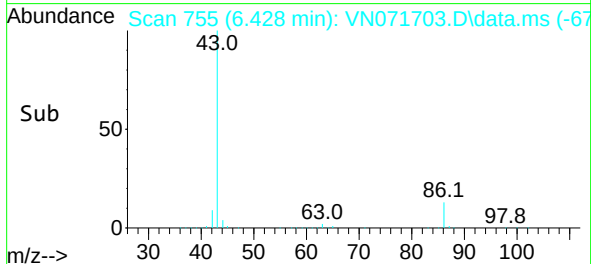
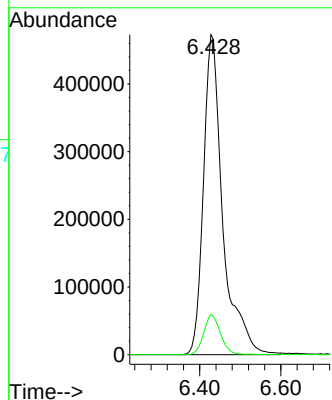
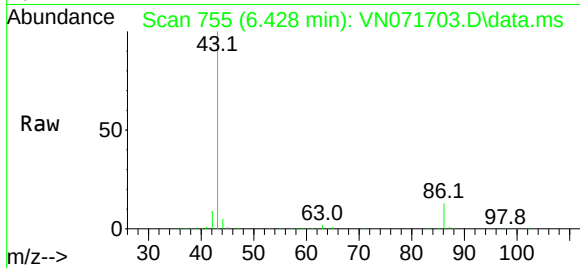




#42
 Vinyl Acetate
 Concen: 100.999 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

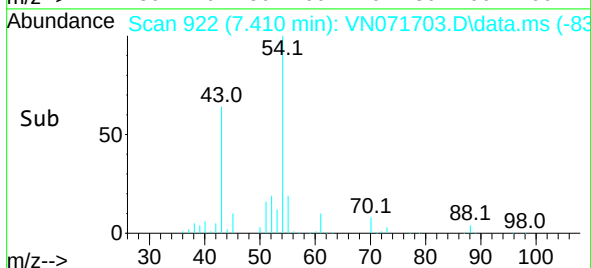
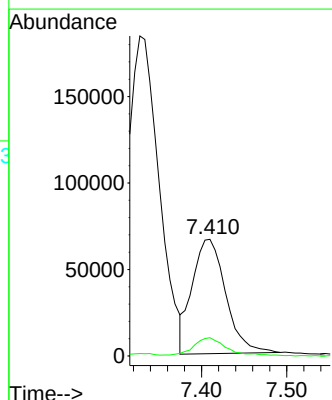
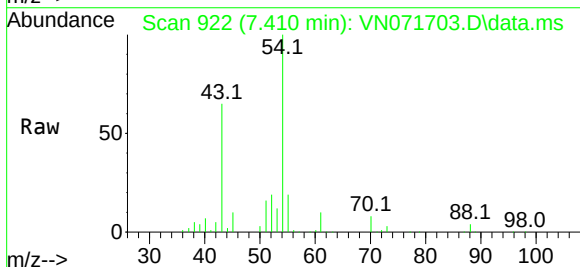
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

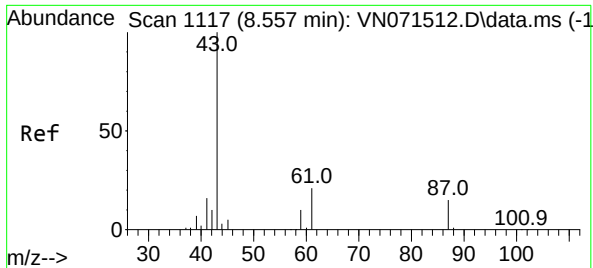
Tgt Ion: 43 Resp: 1560459
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#43
 Ethyl Acetate
 Concen: 20.672 ug/l
 RT: 7.410 min Scan# 922
 Delta R.T. 0.006 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

Tgt Ion: 43 Resp: 180751
 Ion Ratio Lower Upper
 43 100
 45 13.1 10.6 16.0

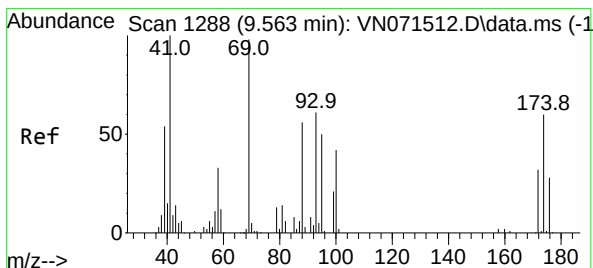
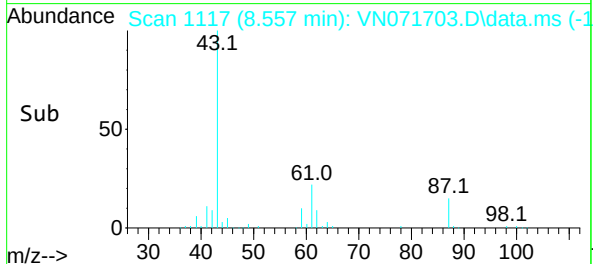
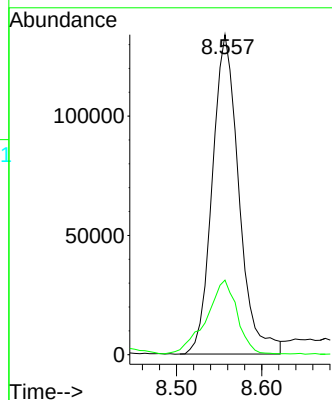
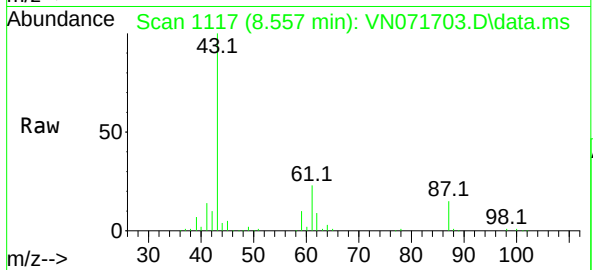




#44
Isopropyl Acetate
Concen: 20.766 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

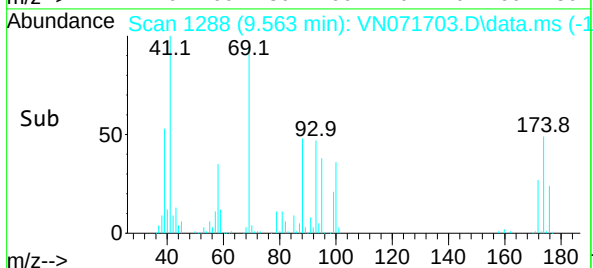
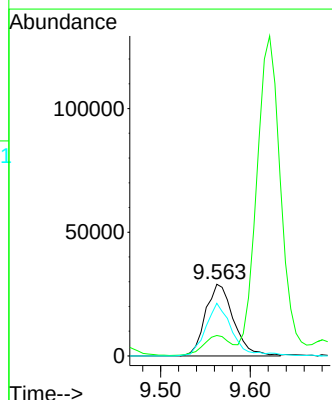
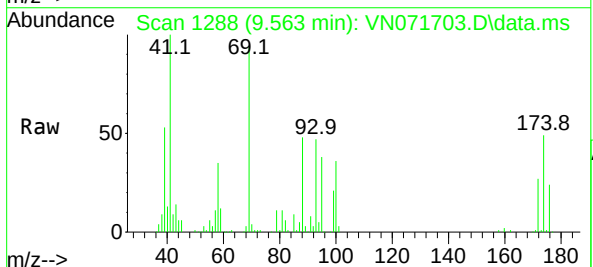
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

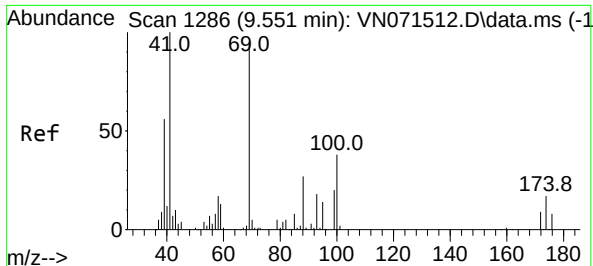
Tgt Ion: 43 Resp: 291209
Ion Ratio Lower Upper
43 100
61 27.7 20.1 30.1



#45
1,4-Dioxane
Concen: 444.682 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 88 Resp: 62918
Ion Ratio Lower Upper
88 100
43 28.0 25.0 37.6
58 65.5 49.4 74.2





#46

Methyl methacrylate

Concen: 19.719 ug/l

RT: 9.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VN0331WBS01

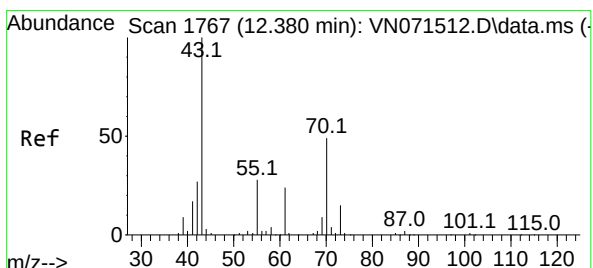
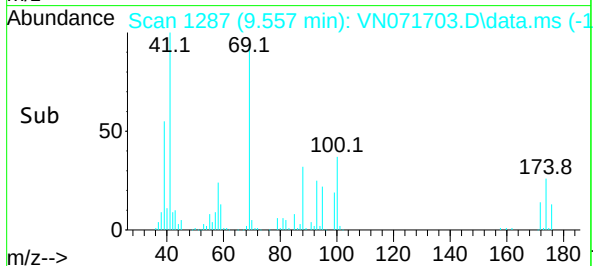
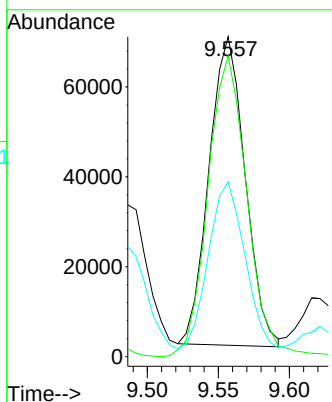
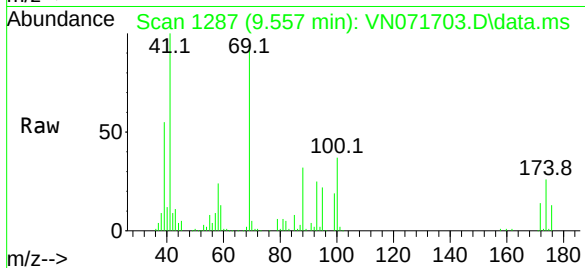
Tgt Ion: 41 Resp: 121266

Ion Ratio Lower Upper

41 100

69 95.7 44.4 133.2

39 54.4 39.9 119.6



#47

n-amy1 Acetate

Concen: 19.309 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VN071703.D

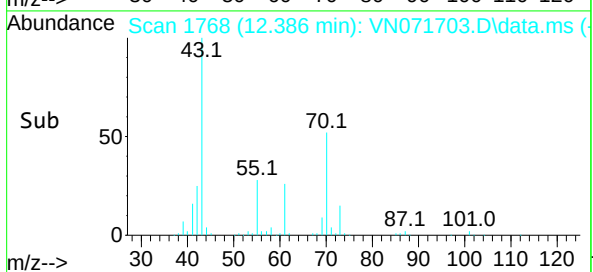
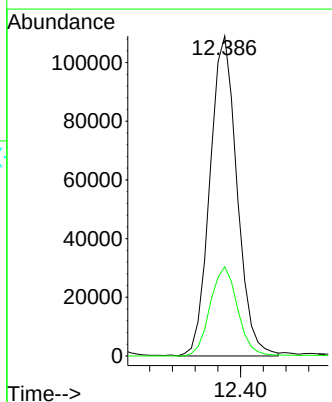
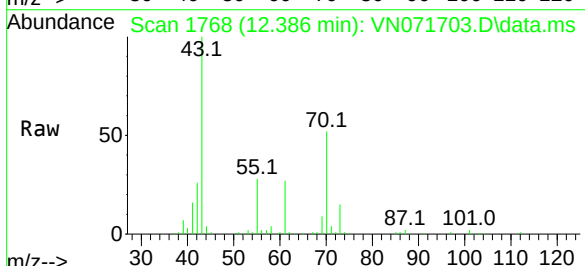
Acq: 31 Mar 2022 14:40

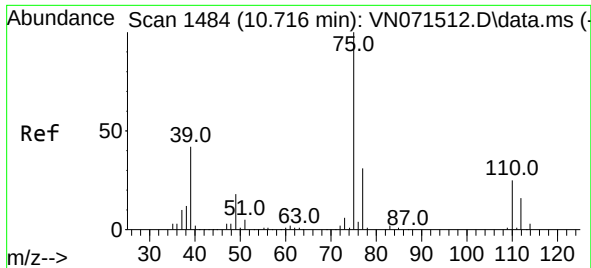
Tgt Ion: 43 Resp: 180695

Ion Ratio Lower Upper

43 100

55 28.2 19.0 28.6

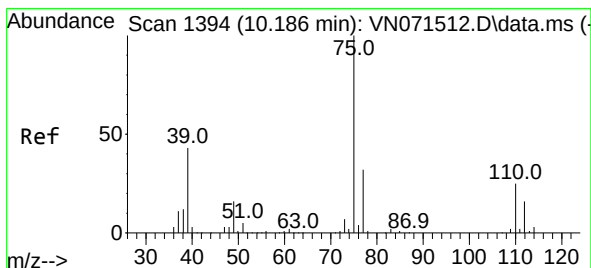
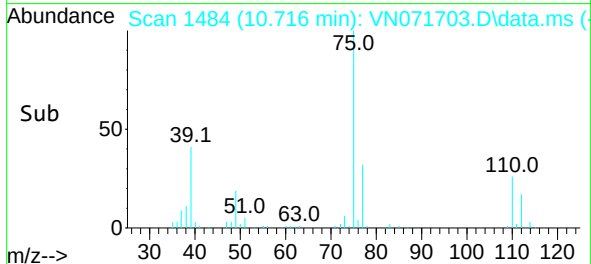
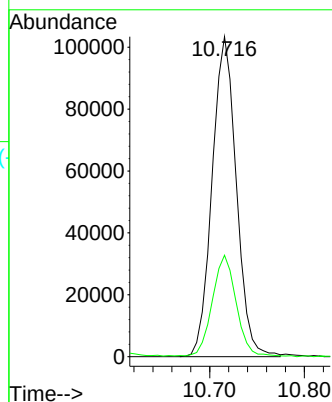
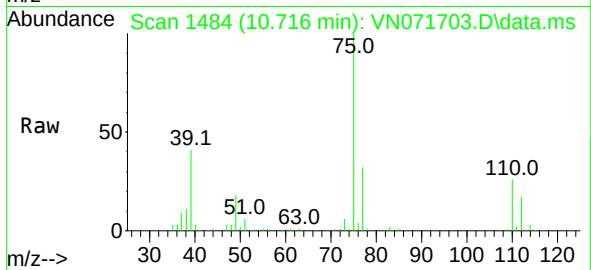




#48
t-1,3-Dichloropropene
Concen: 19.857 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

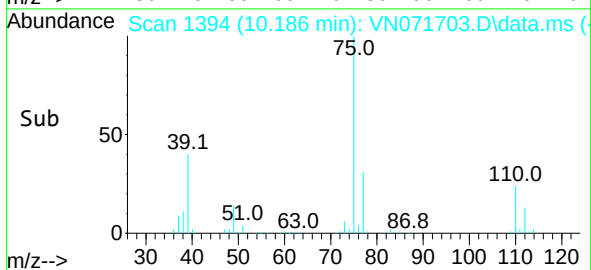
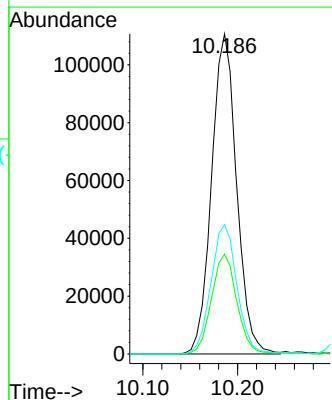
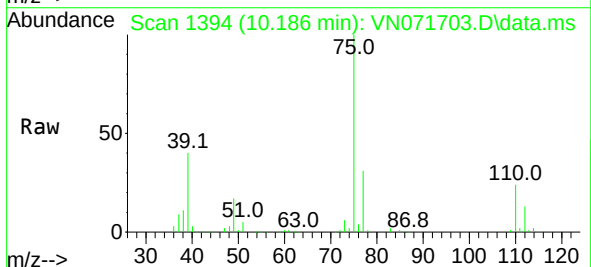
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

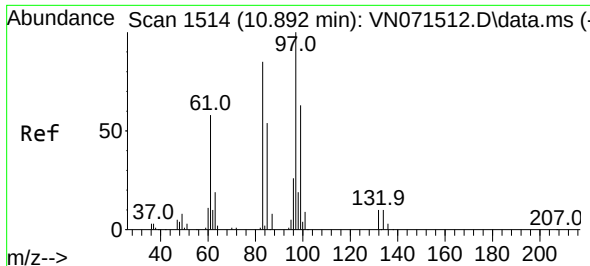
Tgt Ion: 75 Resp: 184082
Ion Ratio Lower Upper
75 100
77 31.4 25.3 37.9



#49
cis-1,3-Dichloropropene
Concen: 20.065 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 75 Resp: 203406
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 40.5 46.2 69.4#

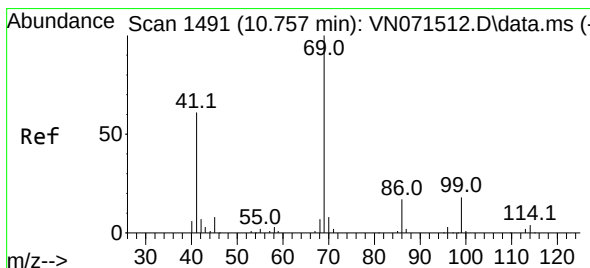
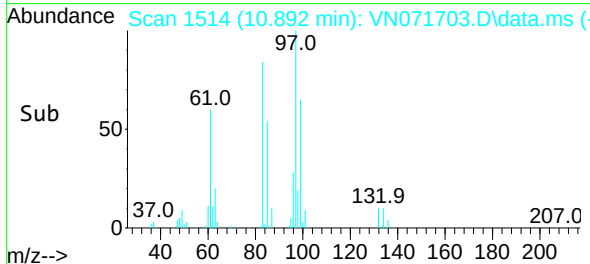
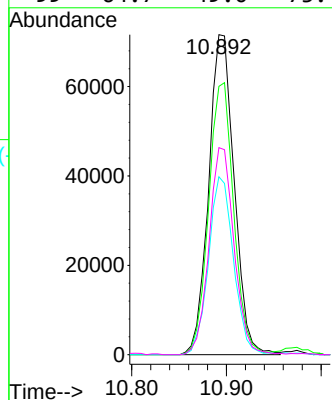
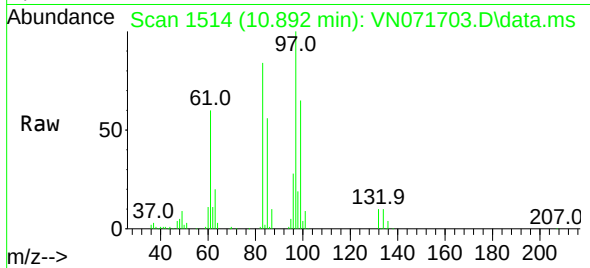




#50
1,1,2-Trichloroethane
Concen: 21.047 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

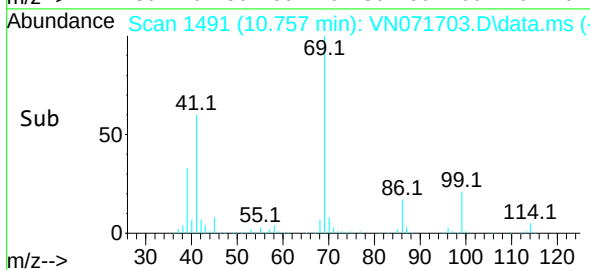
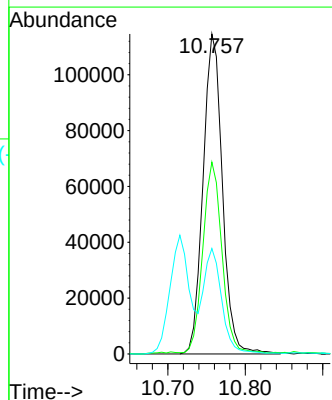
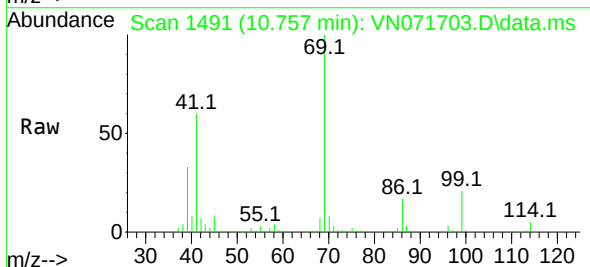
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

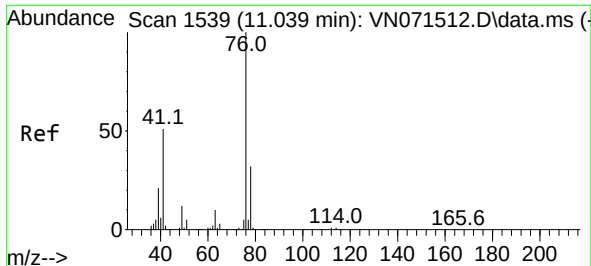
Tgt Ion:	97	Resp:	134102
Ion	Ratio	Lower	Upper
97	100		
83	83.8	67.2	100.8
85	55.6	43.0	64.4
99	64.7	49.0	73.4



#51
Ethyl methacrylate
Concen: 20.218 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion:	69	Resp:	198902
Ion	Ratio	Lower	Upper
69	100		
41	59.6	33.0	98.9
39	32.7	25.4	76.4





#52

1,3-Dichloropropane

Concen: 20.685 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

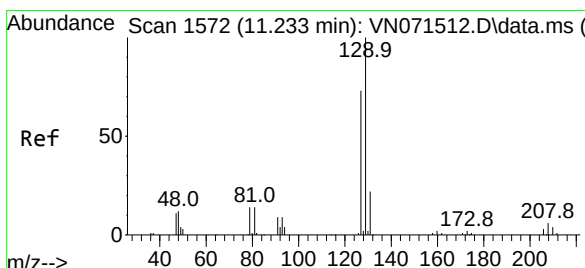
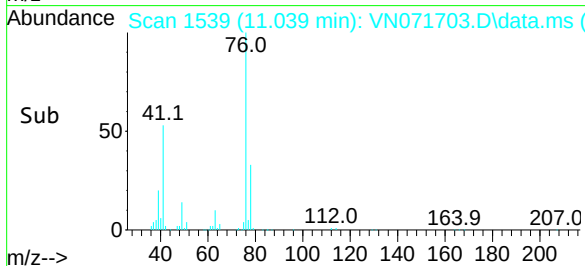
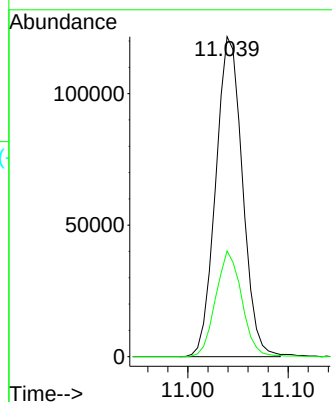
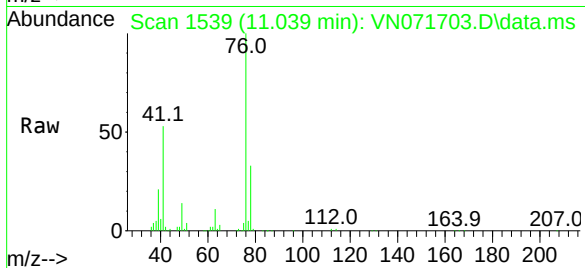
VN0331WBS01

Tgt Ion: 76 Resp: 225076

Ion Ratio Lower Upper

76 100

78 32.1 0.0 65.4



#53

Dibromochloromethane

Concen: 20.349 ug/l

RT: 11.233 min Scan# 1572

Delta R.T. -0.000 min

Lab File: VN071703.D

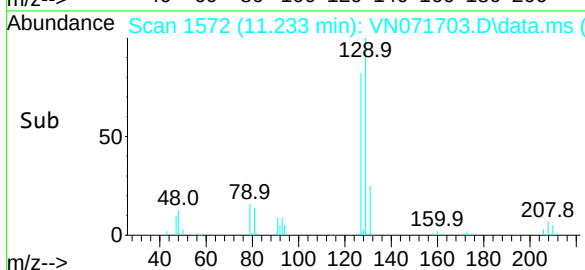
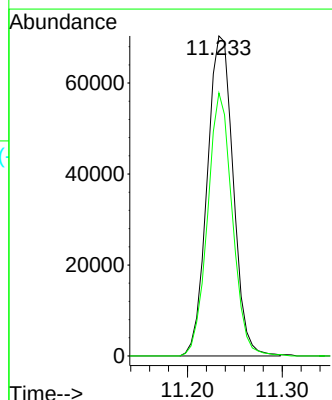
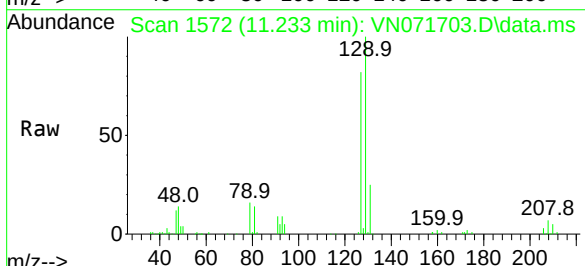
Acq: 31 Mar 2022 14:40

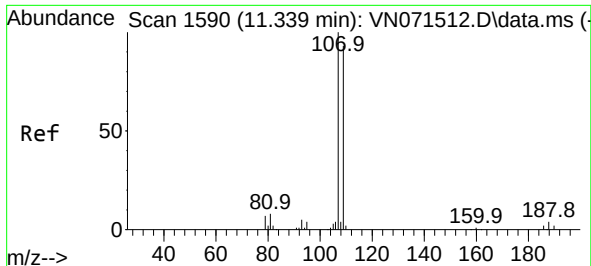
Tgt Ion: 129 Resp: 134216

Ion Ratio Lower Upper

129 100

127 78.1 39.0 117.0

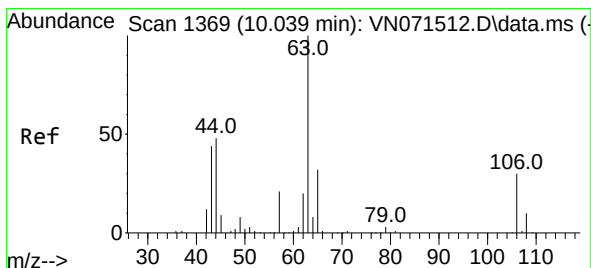
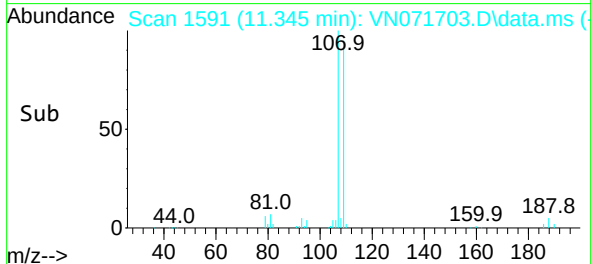
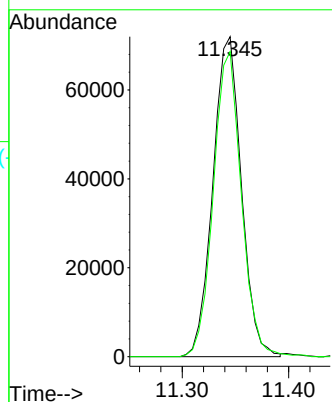
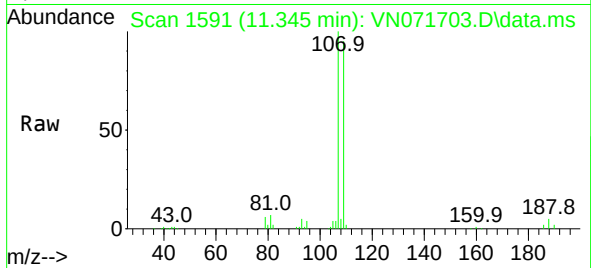




#54
1,2-Dibromoethane
Concen: 20.379 ug/l
RT: 11.345 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

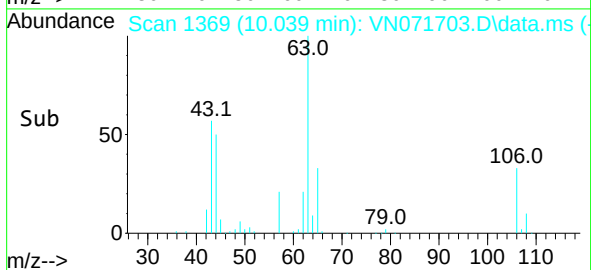
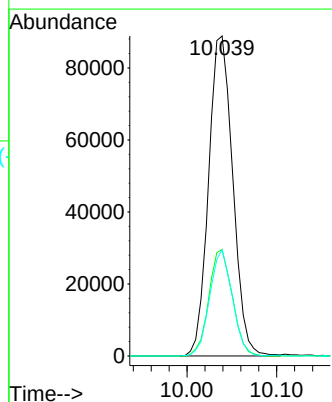
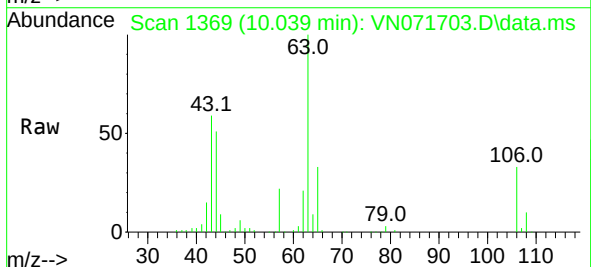
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

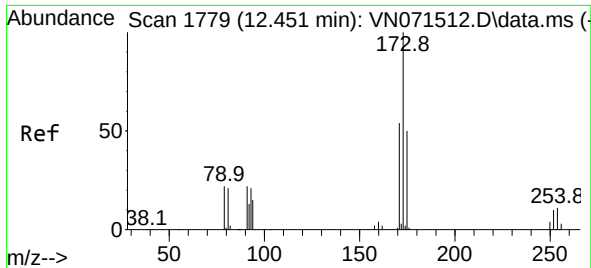
Tgt Ion:107 Resp: 133570
Ion Ratio Lower Upper
107 100
109 93.8 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 62.874 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 63 Resp: 166656
Ion Ratio Lower Upper
63 100
65 32.2 25.4 38.0
106 30.9 23.2 34.8

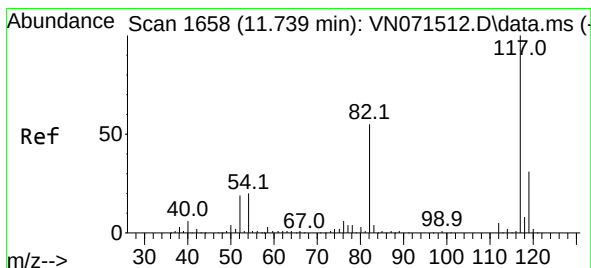
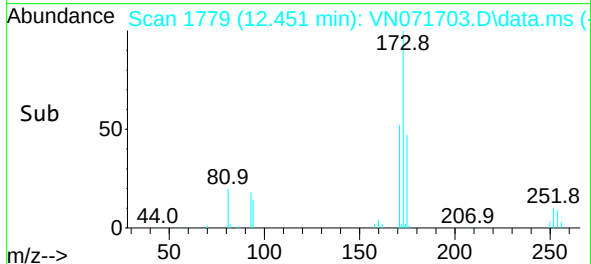
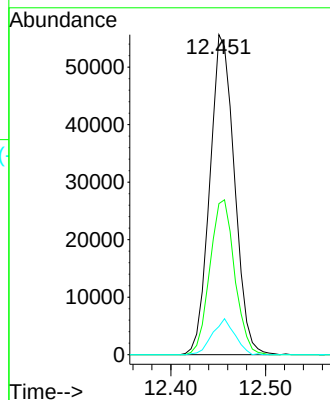
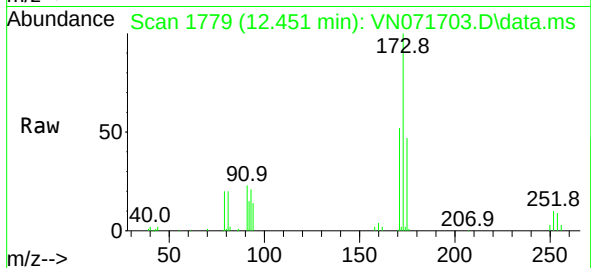




#56
Bromoform
Concen: 19.771 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

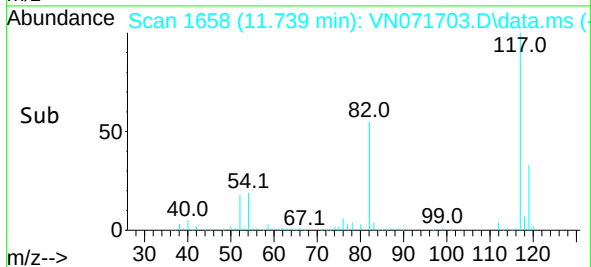
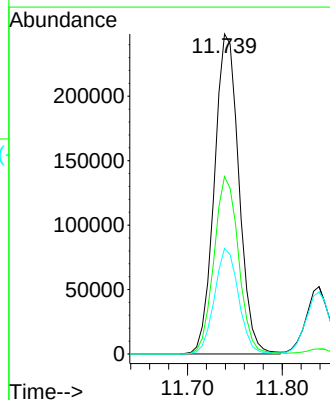
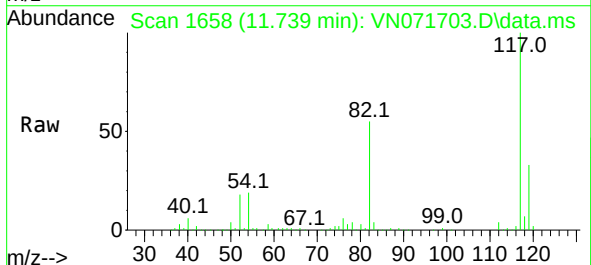
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

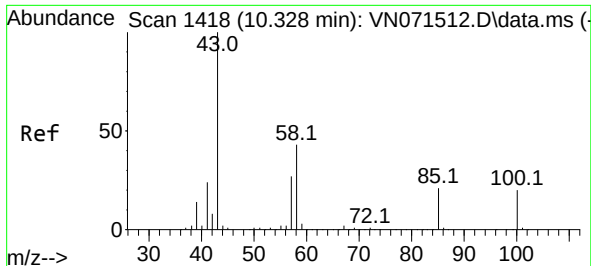
Tgt Ion:173 Resp: 100542
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 10.3 0.0 0.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion:117 Resp: 447519
Ion Ratio Lower Upper
117 100
82 55.5 43.6 65.4
119 32.3 25.8 38.6

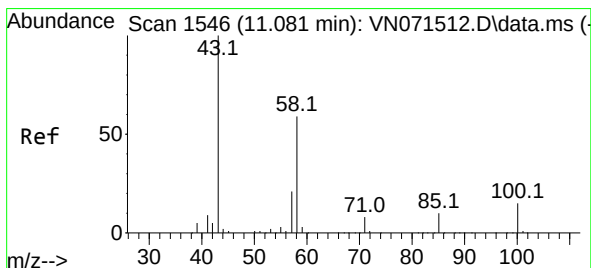
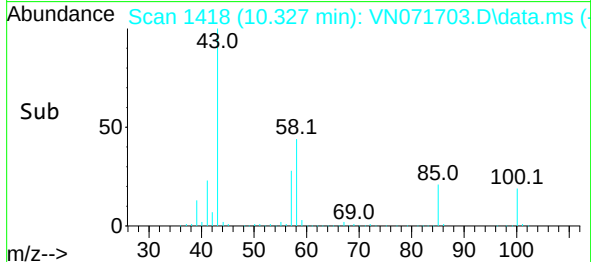
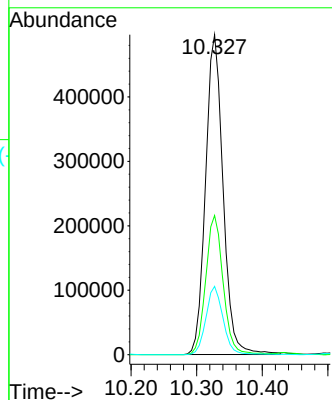
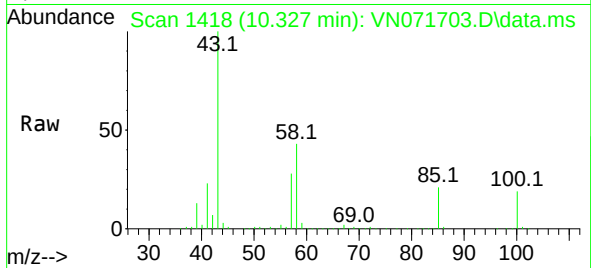




#58
4-Methyl-2-Pentanone
Concen: 108.863 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

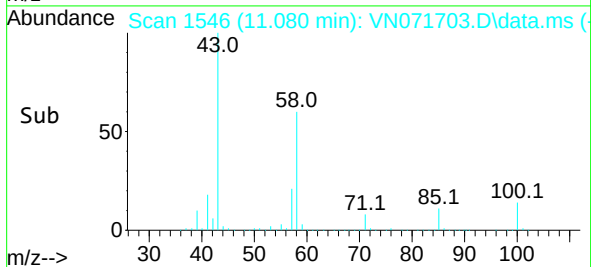
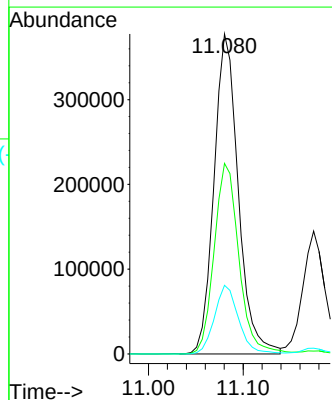
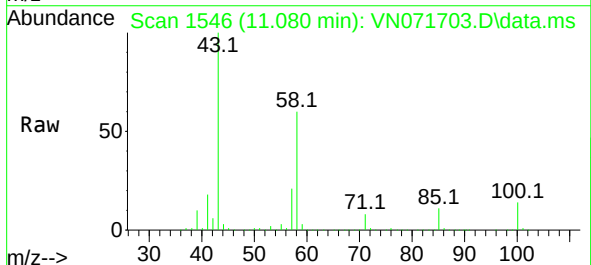
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

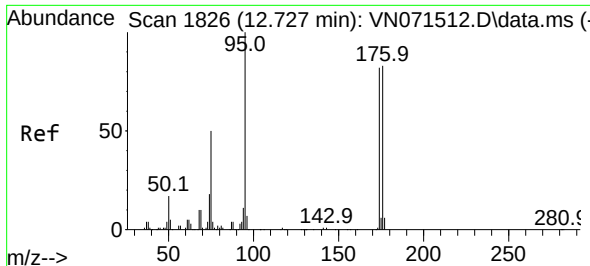
Tgt Ion: 43 Resp: 924817
Ion Ratio Lower Upper
43 100
58 42.9 30.0 45.0
85 21.0 15.0 22.6



#59
2-Hexanone
Concen: 108.521 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 43 Resp: 673100
Ion Ratio Lower Upper
43 100
58 60.6 42.2 63.2
57 21.4 15.0 22.4

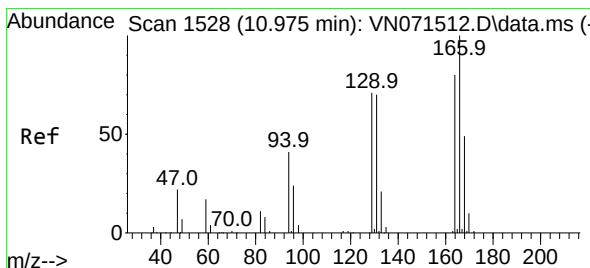
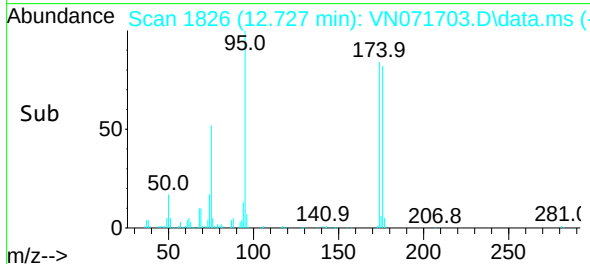
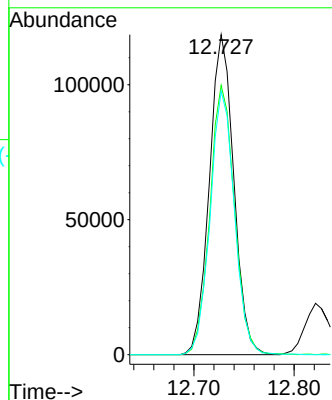
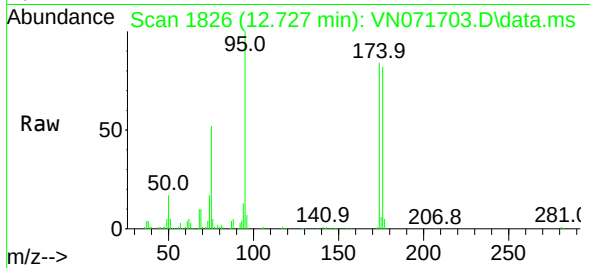




#60
4-Bromofluorobenzene
Concen: 30.221 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

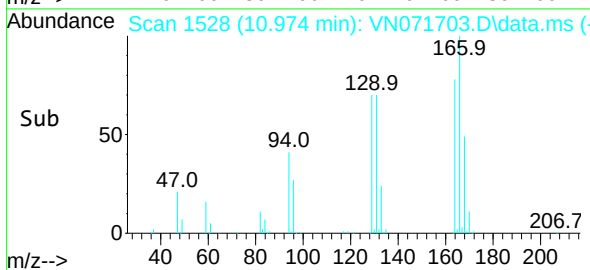
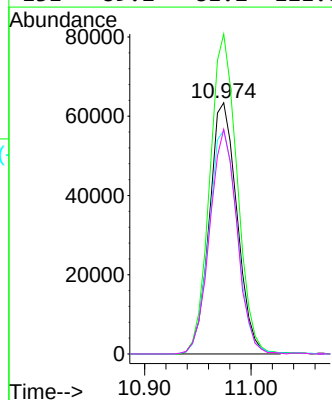
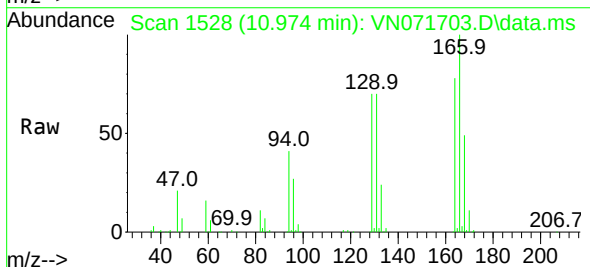
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

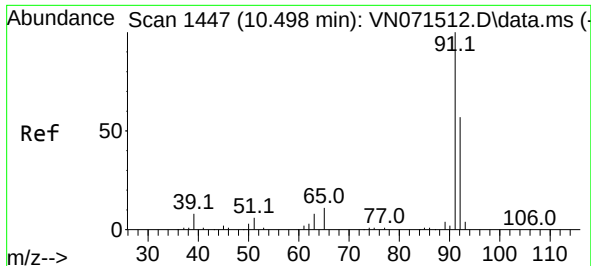
Tgt Ion: 95 Resp: 200531
Ion Ratio Lower Upper
95 100
174 84.9 62.9 94.3
176 81.8 61.0 91.4



#61
Tetrachloroethene
Concen: 20.972 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 164 Resp: 114224
Ion Ratio Lower Upper
164 100
166 127.4 105.8 158.8
129 88.7 82.5 123.7
131 89.2 81.2 121.8

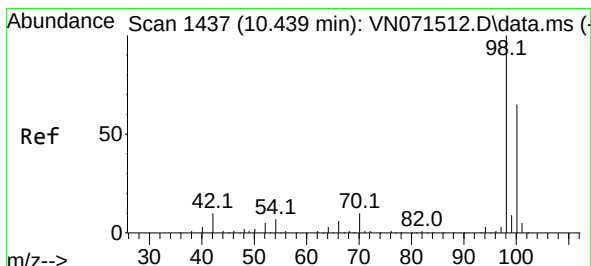
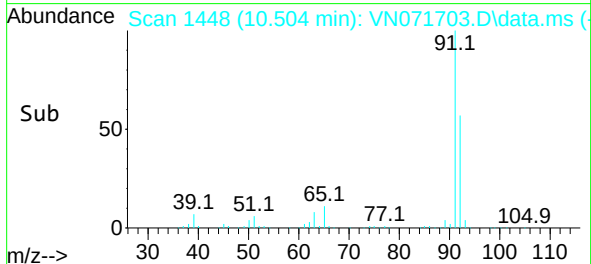
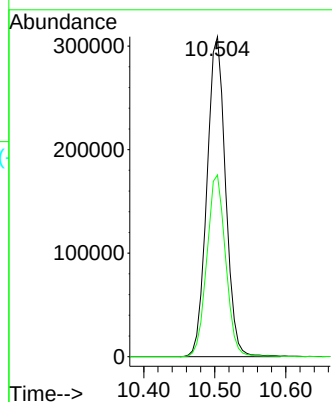
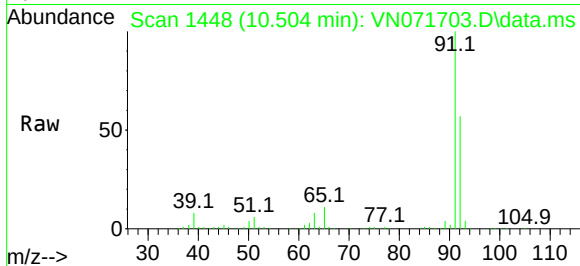




#62
Toluene
Concen: 20.767 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

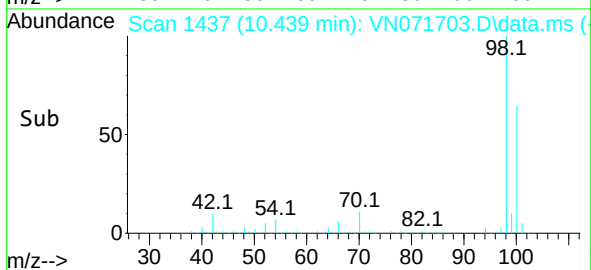
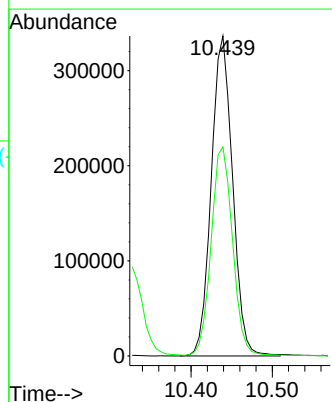
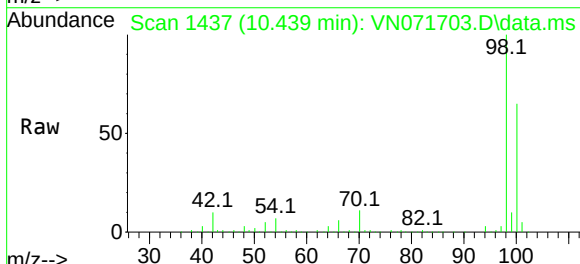
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

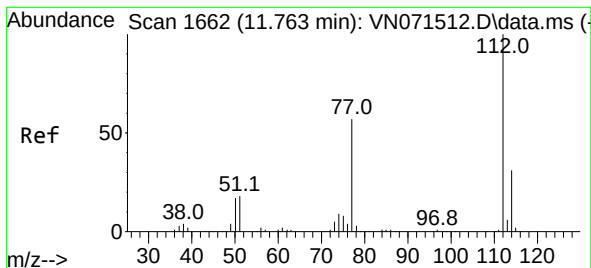
Tgt Ion: 91 Resp: 563528
Ion Ratio Lower Upper
91 100
92 57.2 44.6 67.0



#63
Toluene-d8
Concen: 30.184 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 98 Resp: 613191
Ion Ratio Lower Upper
98 100
100 65.9 50.6 76.0





#64

Chlorobenzene

Concen: 20.669 ug/l

RT: 11.768 min Scan# 1662

Delta R.T. 0.006 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

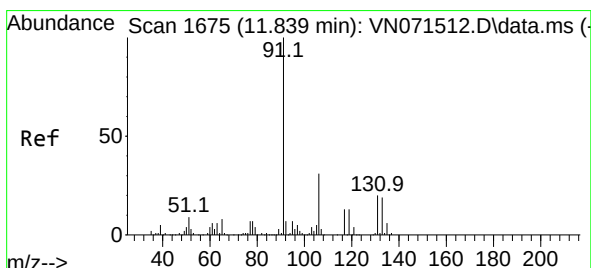
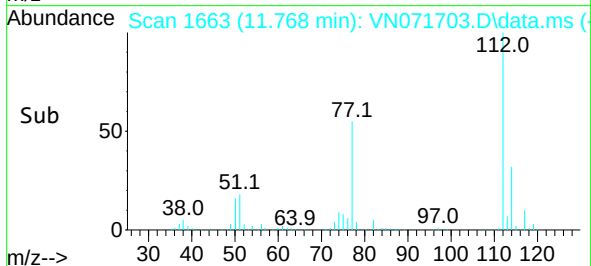
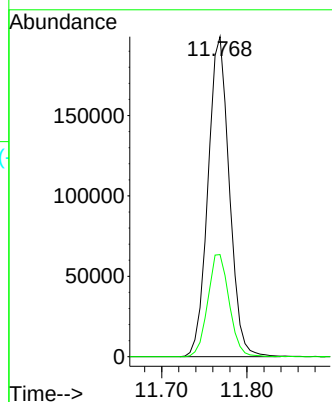
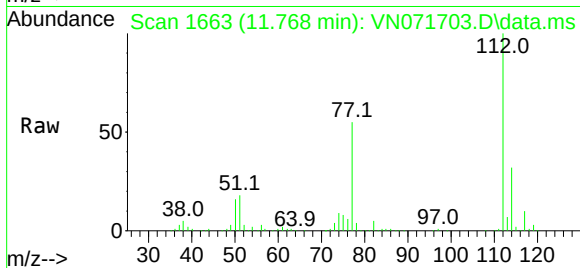
VN0331WBS01

Tgt Ion:112 Resp: 345953

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 21.066 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

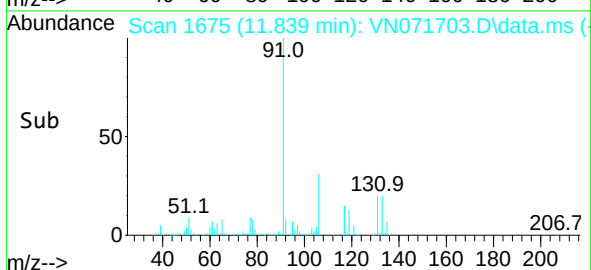
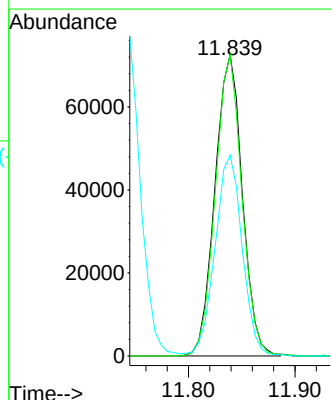
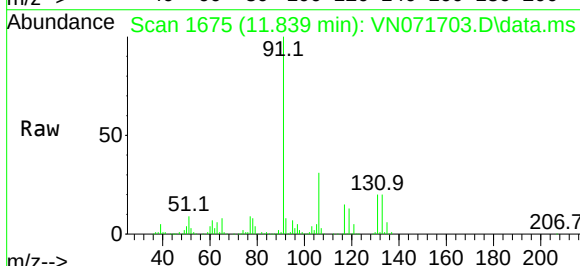
Tgt Ion:131 Resp: 129355

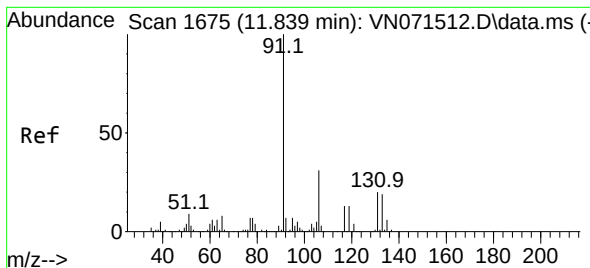
Ion Ratio Lower Upper

131 100

133 96.7 0.0 191.2

119 66.3 0.0 128.8





#66

Ethyl Benzene

Concen: 20.329 ug/l

RT: 11.839 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

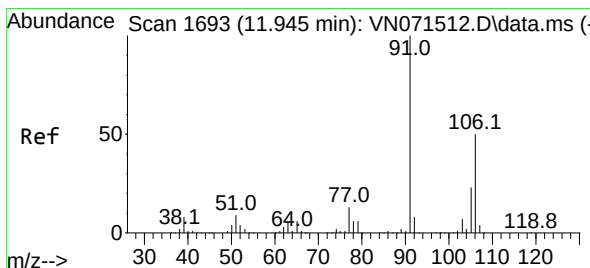
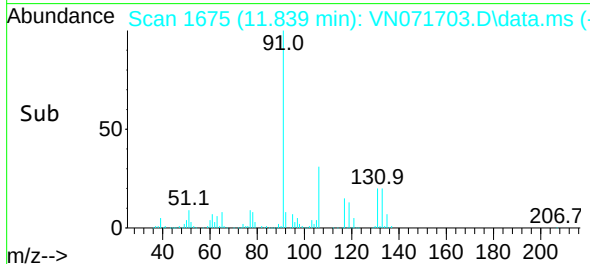
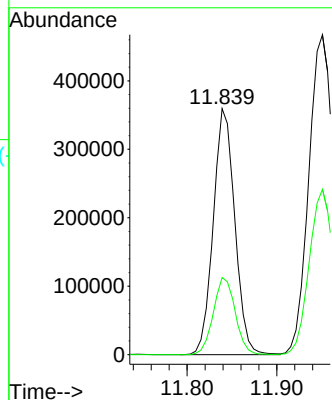
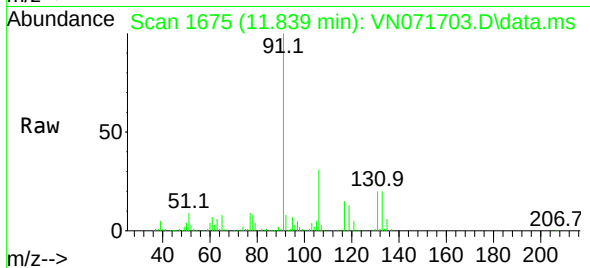
VN0331WBS01

Tgt Ion: 91 Resp: 599471

Ion Ratio Lower Upper

91 100

106 31.3 24.0 36.0



#67

m/p-Xylenes

Concen: 40.795 ug/l

RT: 11.951 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VN071703.D

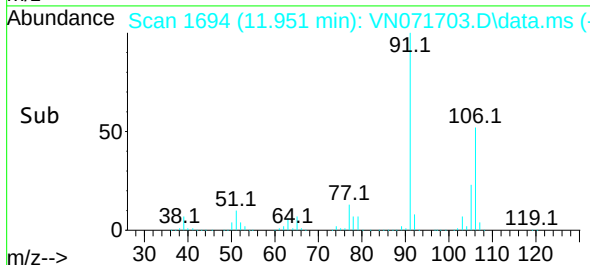
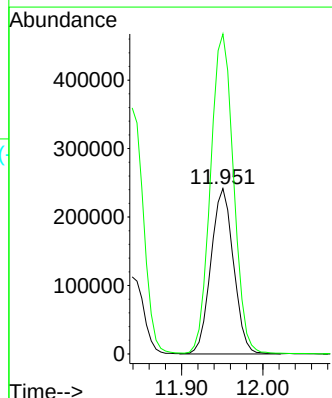
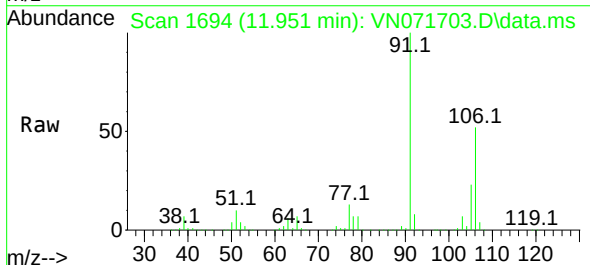
Acq: 31 Mar 2022 14:40

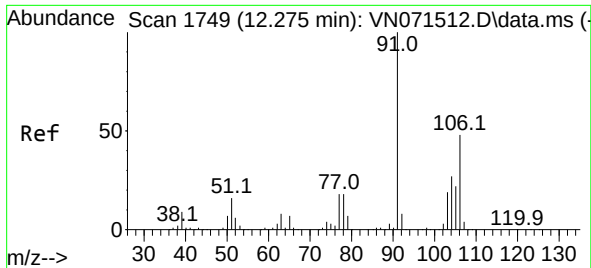
Tgt Ion: 106 Resp: 468007

Ion Ratio Lower Upper

106 100

91 197.1 162.9 244.3

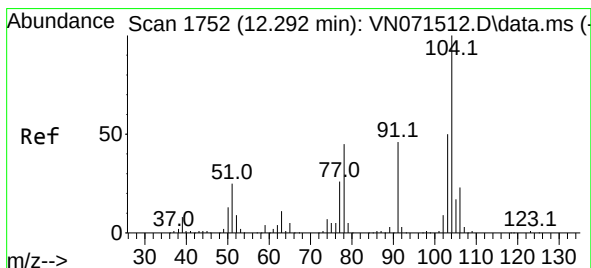
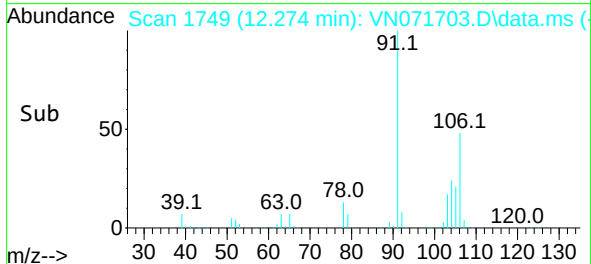
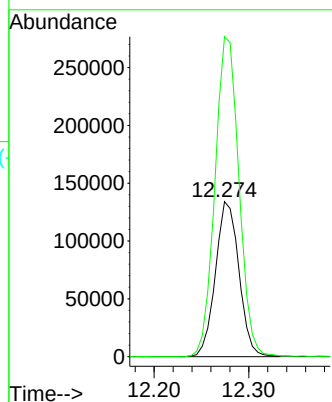
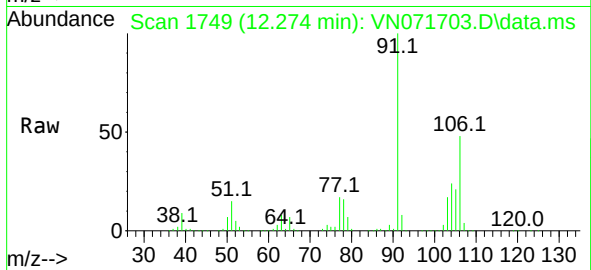




#68
o-Xylene
Concen: 20.322 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

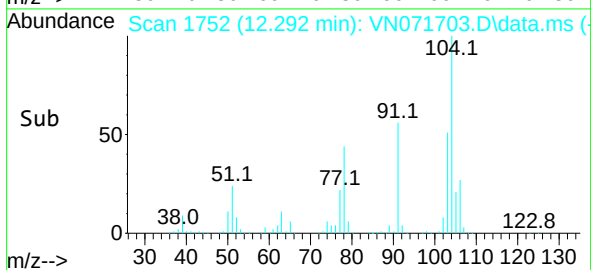
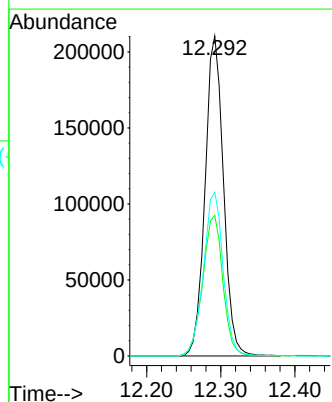
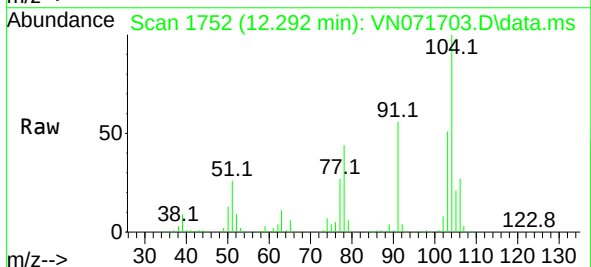
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

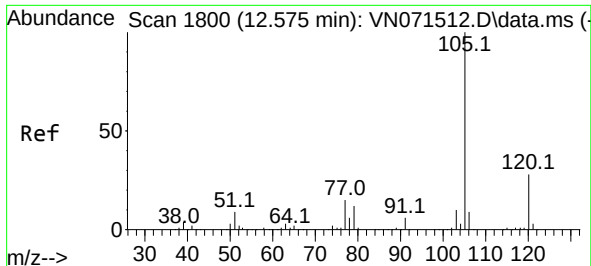
Tgt Ion:106 Resp: 231715
Ion Ratio Lower Upper
106 100
91 210.6 107.7 323.1



#69
Styrene
Concen: 20.270 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion:104 Resp: 363741
Ion Ratio Lower Upper
104 100
78 48.0 40.7 61.1
103 54.8 45.8 68.8

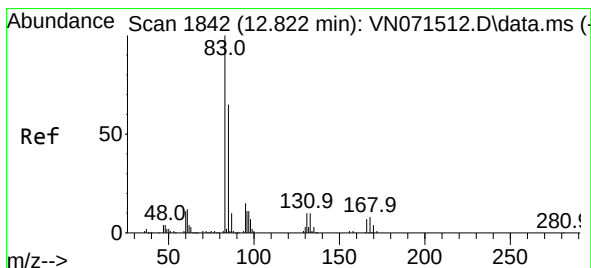
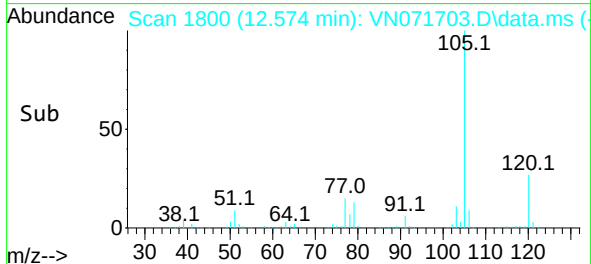
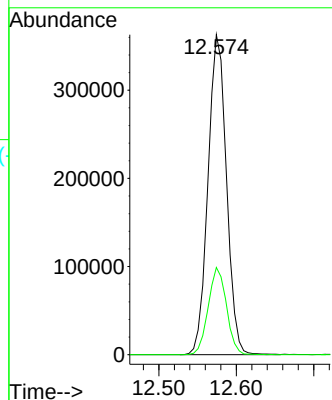
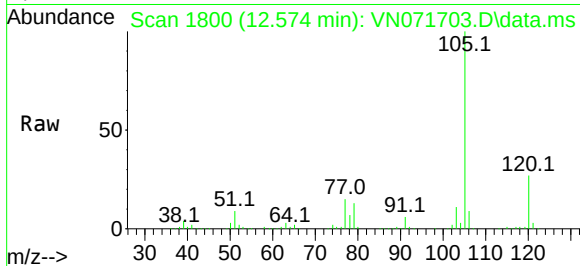




#70
Isopropylbenzene
Concen: 20.999 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

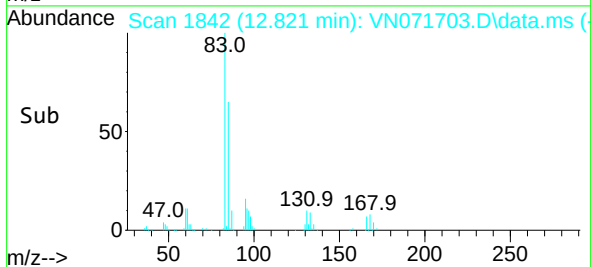
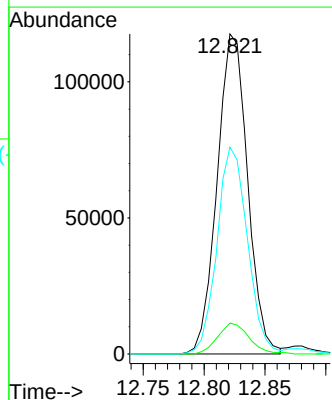
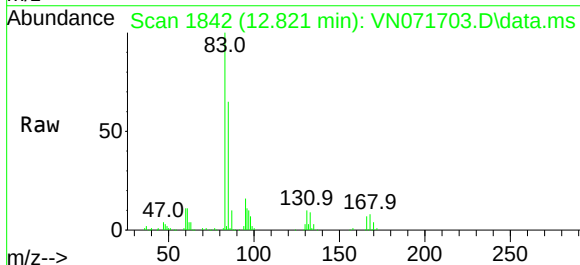
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

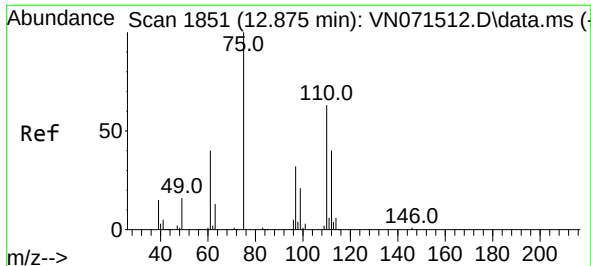
Tgt Ion:105 Resp: 600959
Ion Ratio Lower Upper
105 100
120 26.8 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 21.970 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 83 Resp: 204638
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.6 33.1 99.2

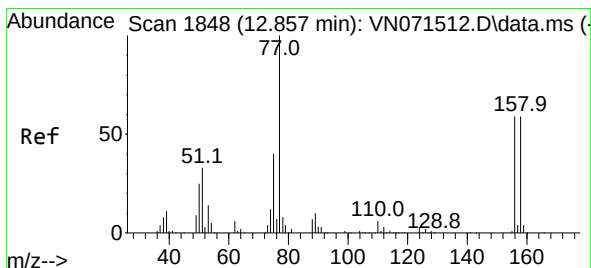
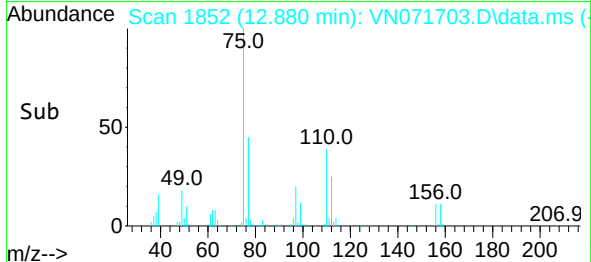
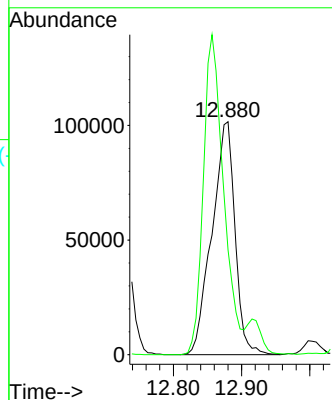
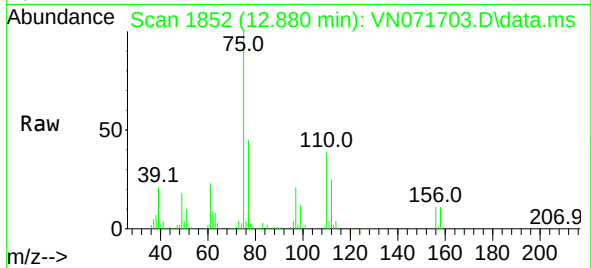




#72
1,2,3-Trichloropropane
Concen: 29.907 ug/l
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

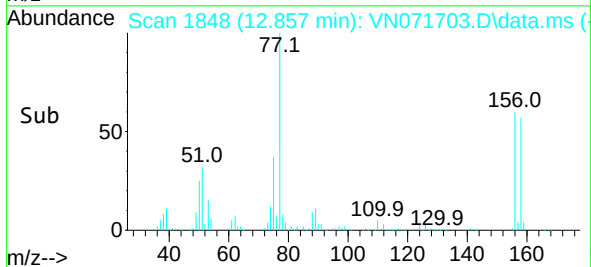
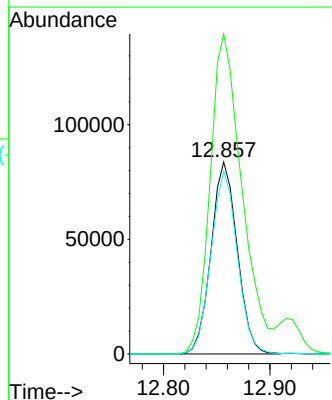
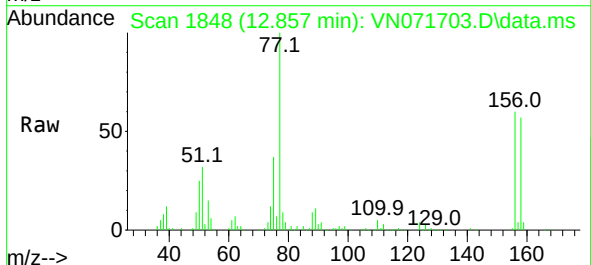
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

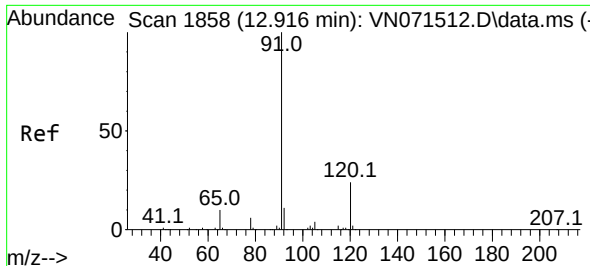
Tgt Ion: 75 Resp: 239314
Ion Ratio Lower Upper
75 100
77 121.2 0.0 378.0



#73
Bromobenzene
Concen: 20.434 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 156 Resp: 142661
Ion Ratio Lower Upper
156 100
77 203.2 0.0 416.0
158 95.7 0.0 195.4

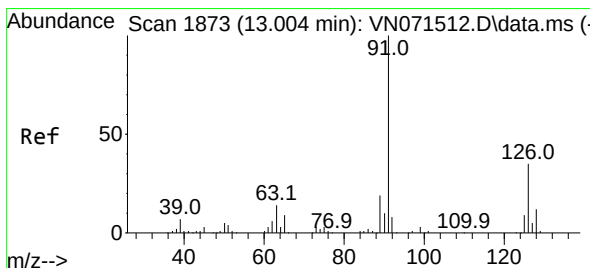
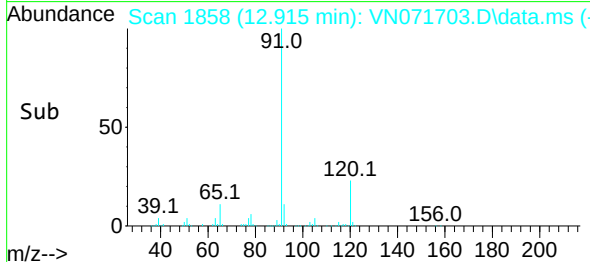
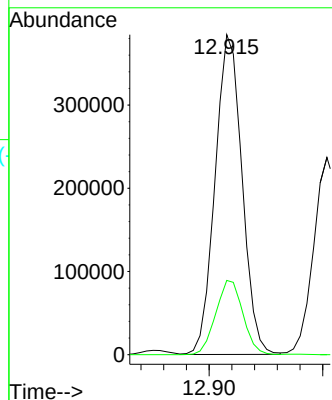
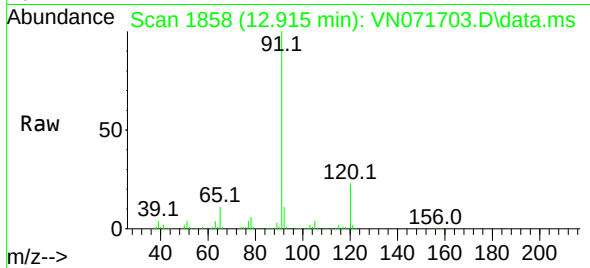




#74
n-propylbenzene
Concen: 20.279 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

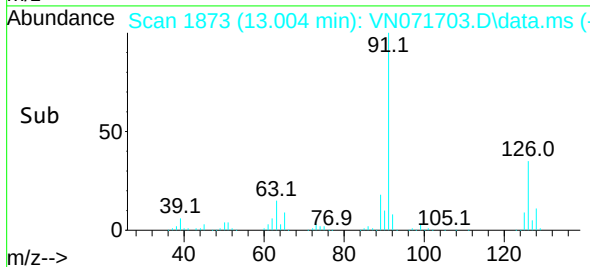
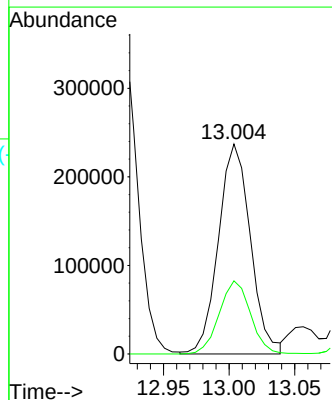
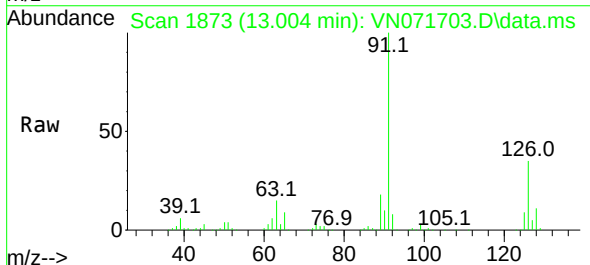
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

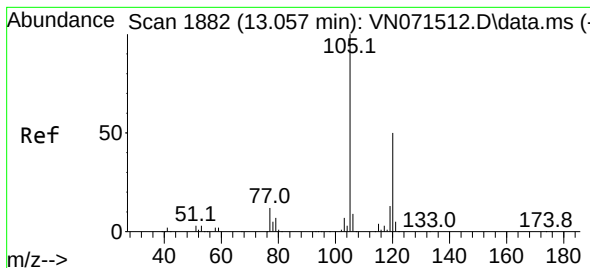
Tgt Ion: 91 Resp: 633409
Ion Ratio Lower Upper
91 100
120 23.4 0.0 45.0



#75
2-Chlorotoluene
Concen: 20.631 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 91 Resp: 402703
Ion Ratio Lower Upper
91 100
126 34.0 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 20.749 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

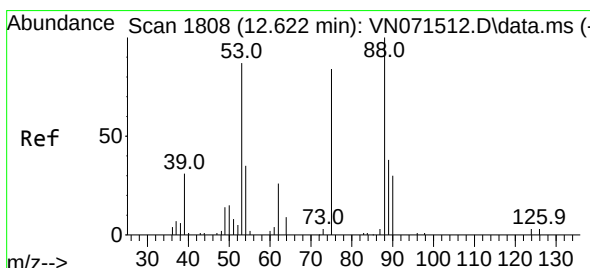
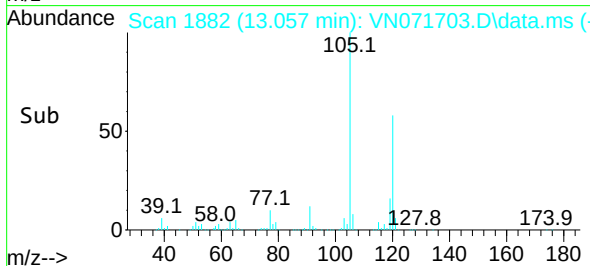
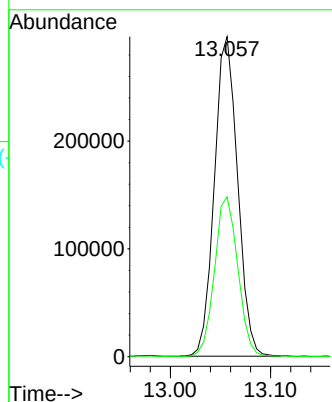
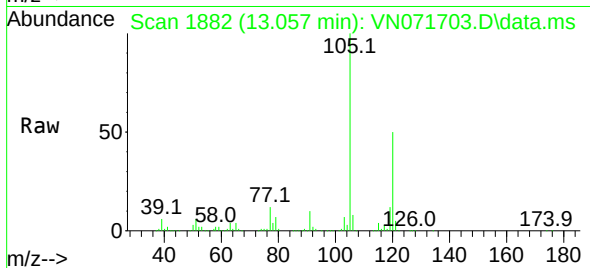
VN0331WBS01

Tgt Ion:105 Resp: 476387

Ion Ratio Lower Upper

105 100

120 50.3 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 19.740 ug/l

RT: 12.621 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VN071703.D

Acq: 31 Mar 2022 14:40

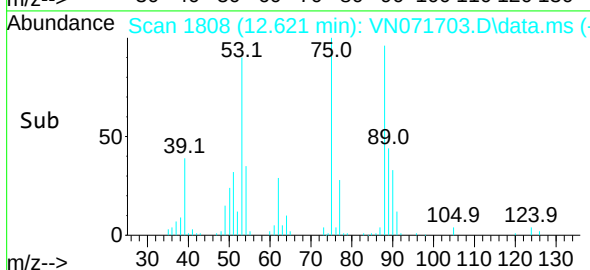
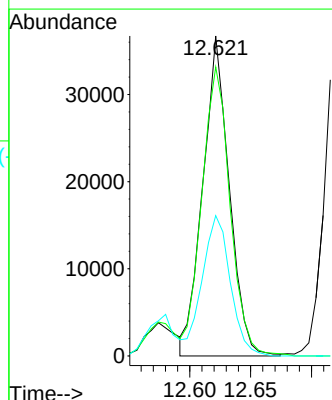
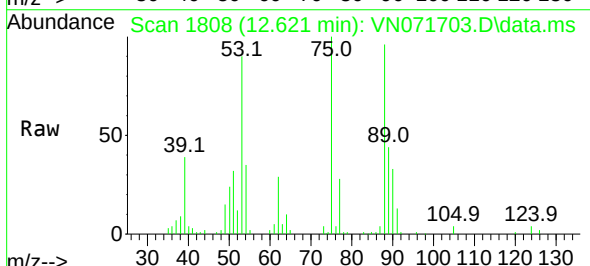
Tgt Ion: 75 Resp: 55464

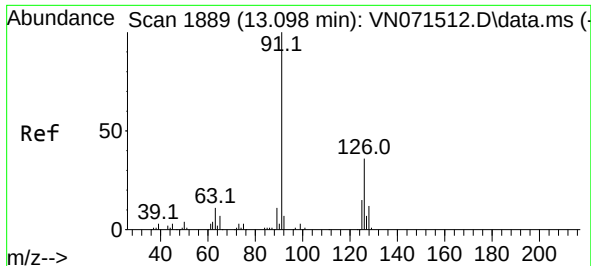
Ion Ratio Lower Upper

75 100

53 90.1 51.8 155.5

89 44.1 22.9 68.7

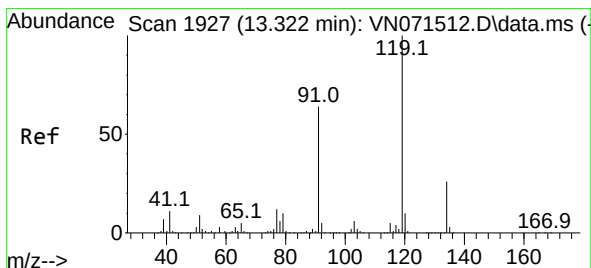
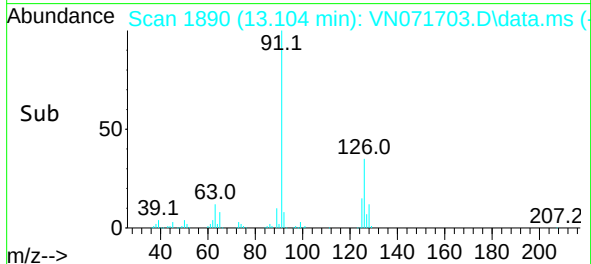
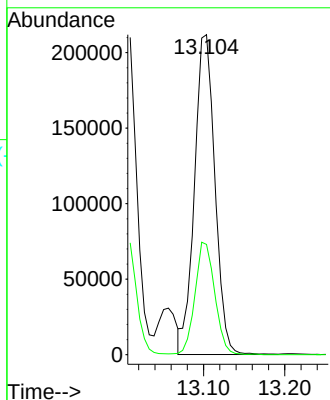
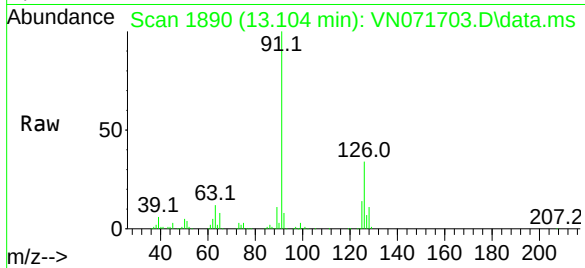




#78
4-Chlorotoluene
Concen: 20.339 ug/l
RT: 13.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

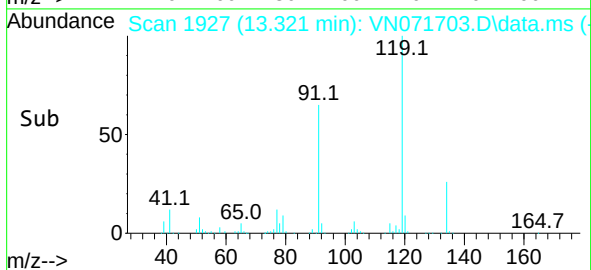
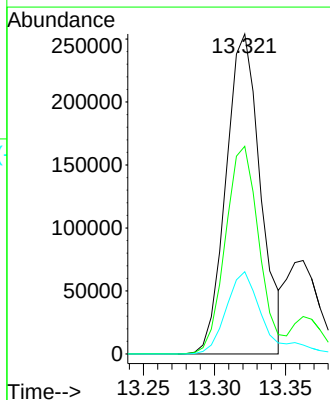
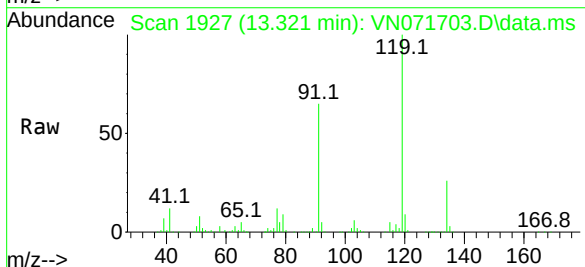
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

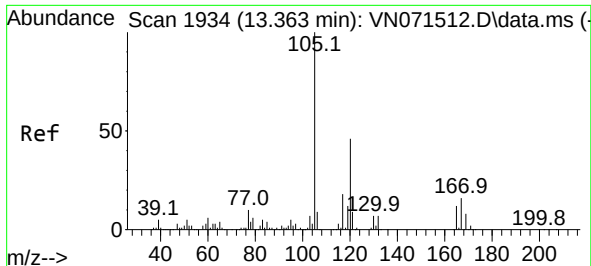
Tgt Ion: 91 Resp: 370774
Ion Ratio Lower Upper
91 100
126 34.0 0.0 70.6



#79
tert-butylbenzene
Concen: 20.746 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 119 Resp: 429832
Ion Ratio Lower Upper
119 100
91 63.8 0.0 137.0
134 25.2 0.0 47.6

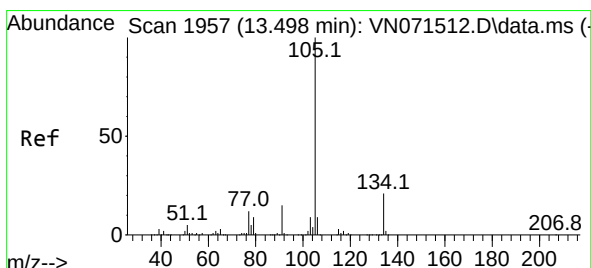
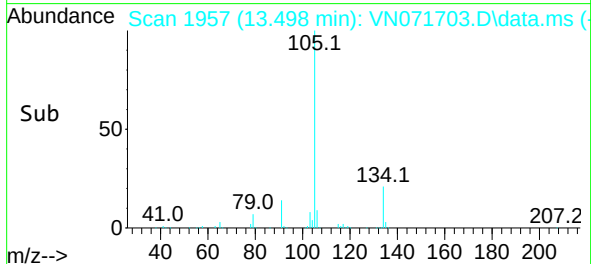
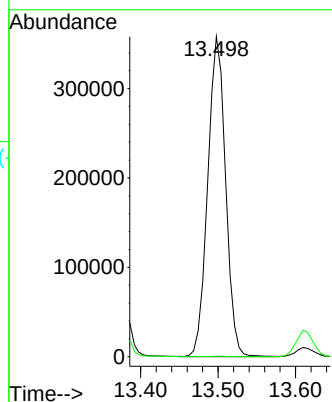
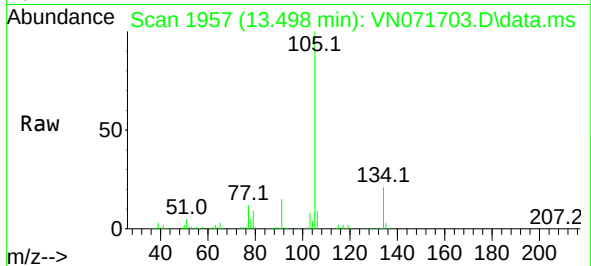




#80
1,2,4-Trimethylbenzene
Concen: 25.774 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.135 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

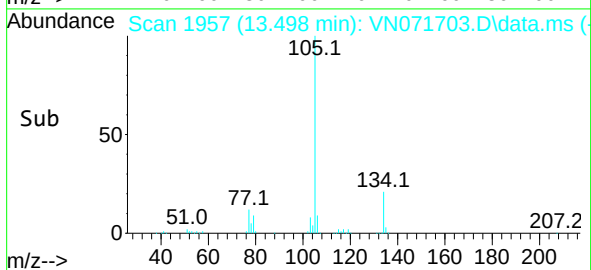
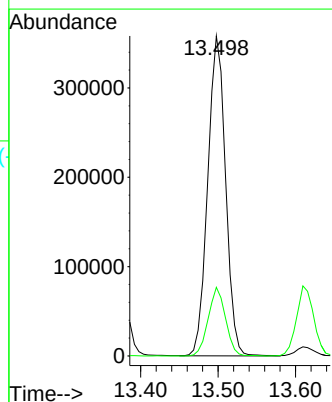
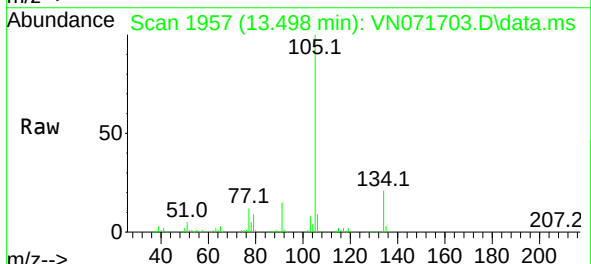
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

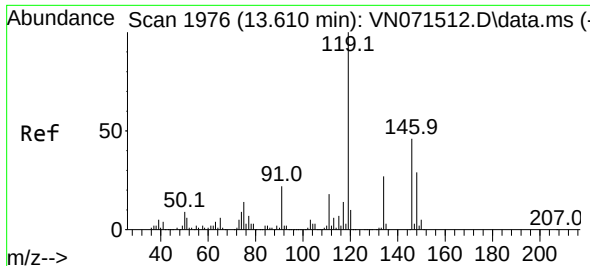
Tgt Ion:105 Resp: 574168
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2



#81
sec-Butylbenzene
Concen: 20.600 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion:105 Resp: 573465
Ion Ratio Lower Upper
105 100
134 20.8 0.0 39.4

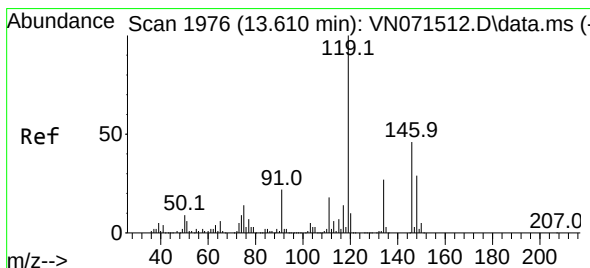
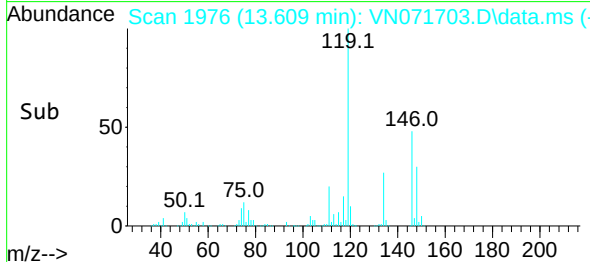
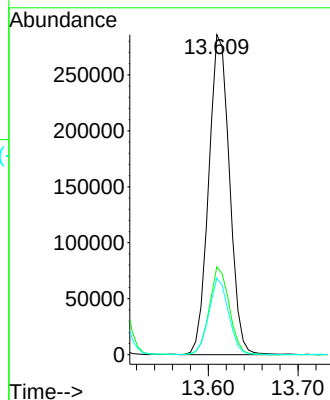
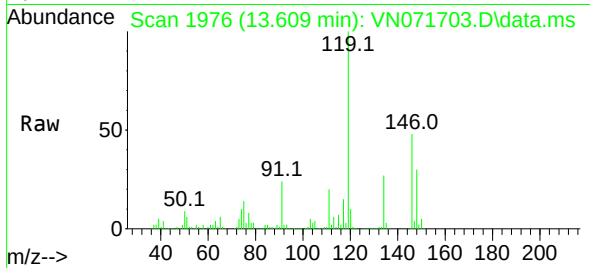




#82
 p-Isopropyltoluene
 Concen: 20.374 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

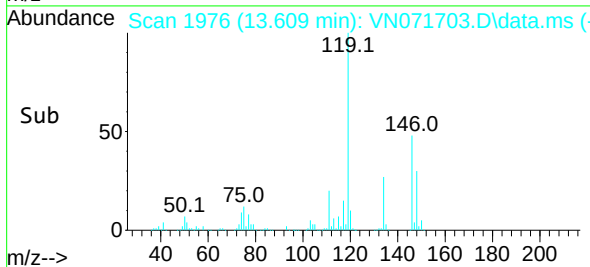
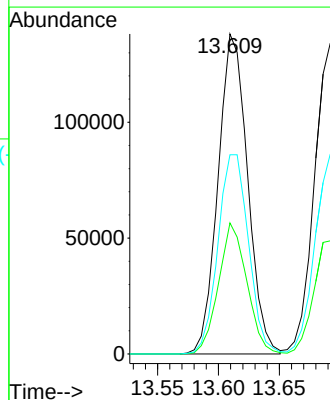
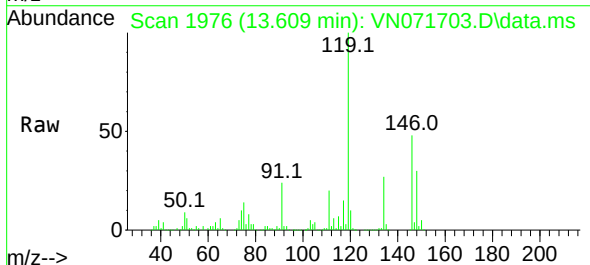
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

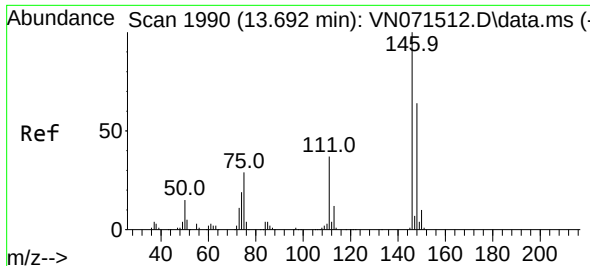
Tgt Ion:	119	Resp:	460839
Ion	Ratio	Lower	Upper
119	100		
134	26.3	0.0	51.8
91	22.7	0.0	50.4



#83
 1,3-Dichlorobenzene
 Concen: 20.431 ug/l
 RT: 13.609 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

Tgt Ion:	146	Resp:	233403
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.8	62.2
148	64.5	31.4	94.3

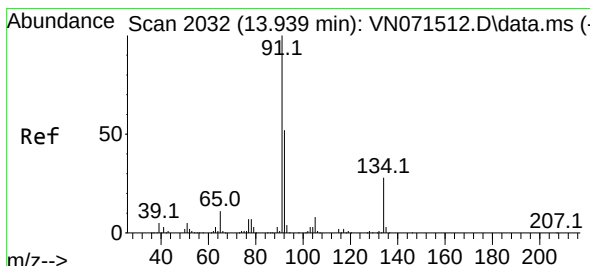
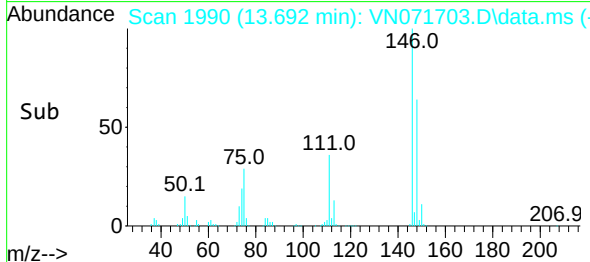
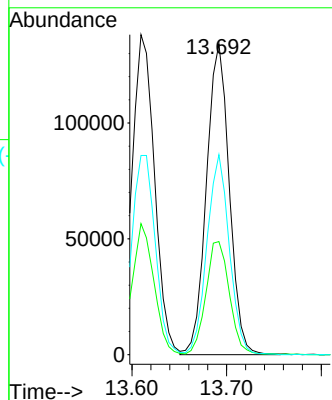
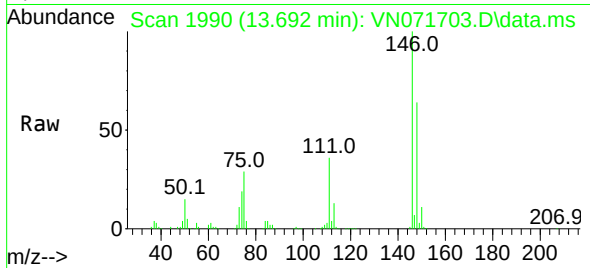




#84
1,4-Dichlorobenzene
Concen: 20.557 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

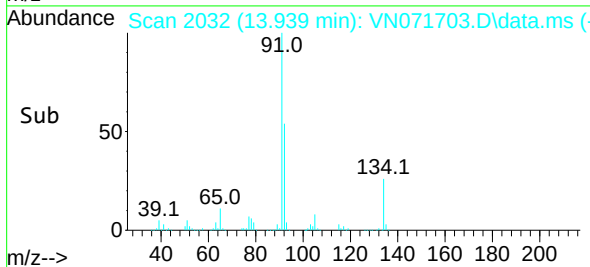
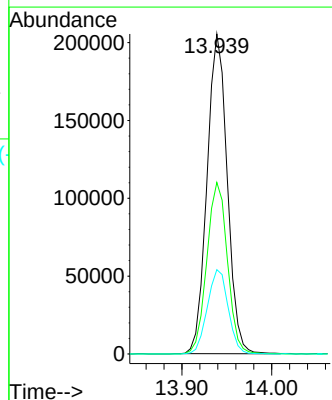
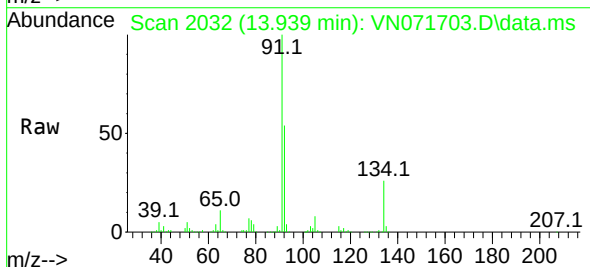
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

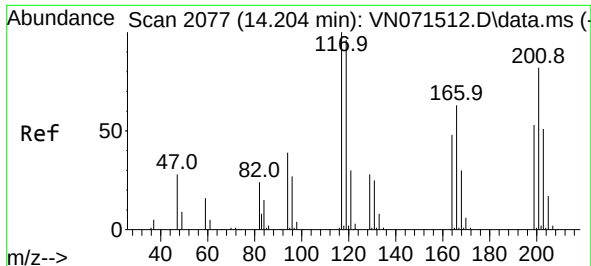
Tgt Ion:146 Resp: 224153
Ion Ratio Lower Upper
146 100
111 37.2 19.5 58.5
148 63.2 31.1 93.5



#85
n-Butylbenzene
Concen: 19.167 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion: 91 Resp: 322015
Ion Ratio Lower Upper
91 100
92 54.6 0.0 100.6
134 27.1 0.0 50.2

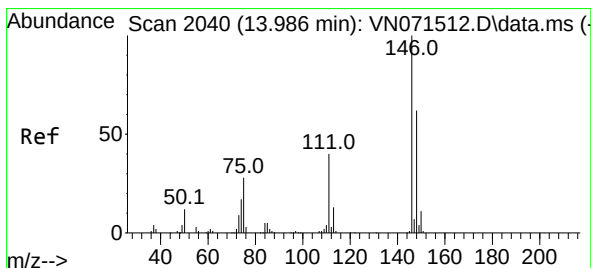
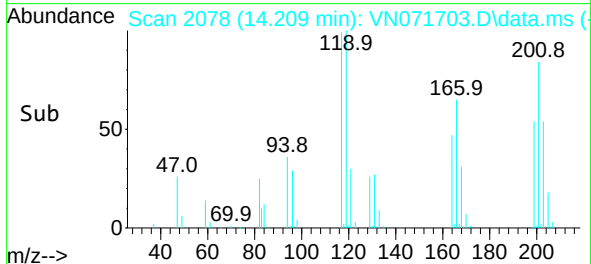
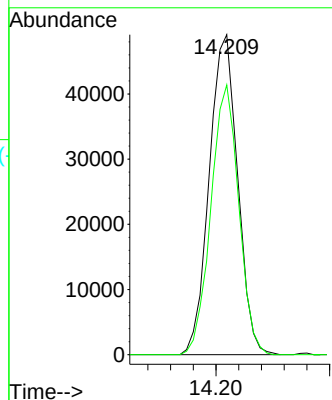
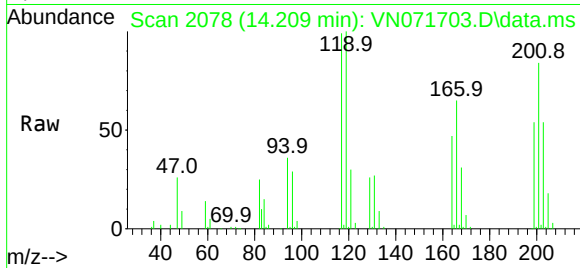




#86
Hexachloroethane
Concen: 20.198 ug/l
RT: 14.209 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

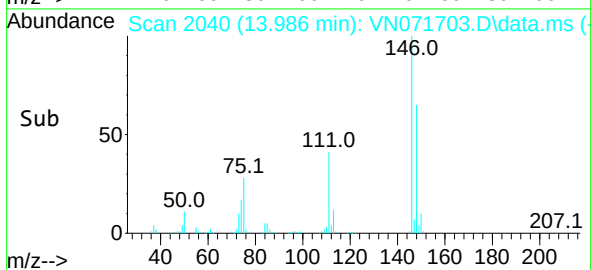
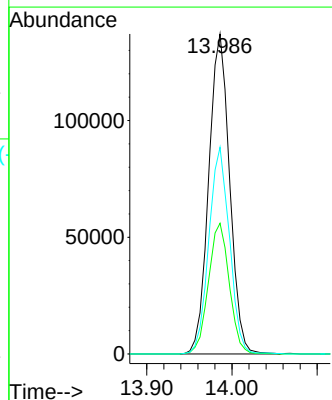
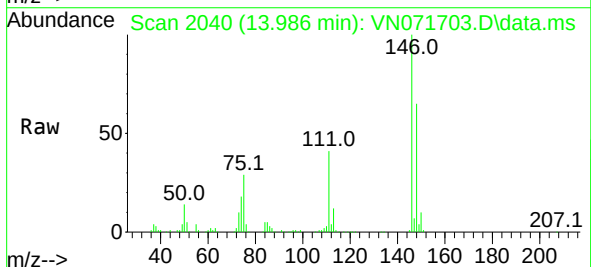
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

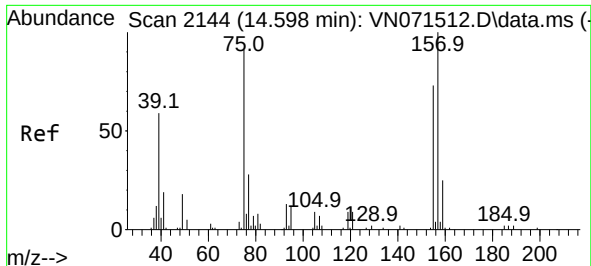
Tgt Ion:117 Resp: 85312
Ion Ratio Lower Upper
117 100
201 82.7 33.3 99.8



#87
1,2-Dichlorobenzene
Concen: 21.144 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion:146 Resp: 233526
Ion Ratio Lower Upper
146 100
111 40.8 21.4 64.2
148 63.6 32.5 97.4

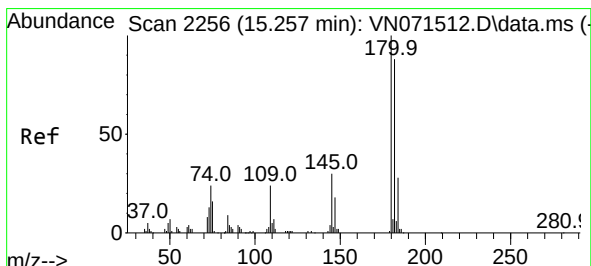
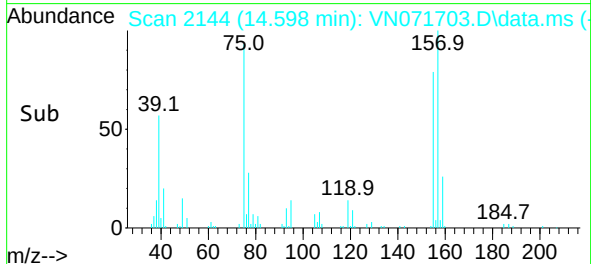
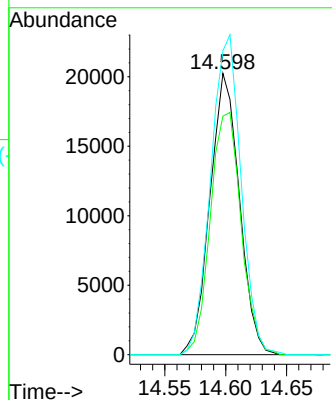
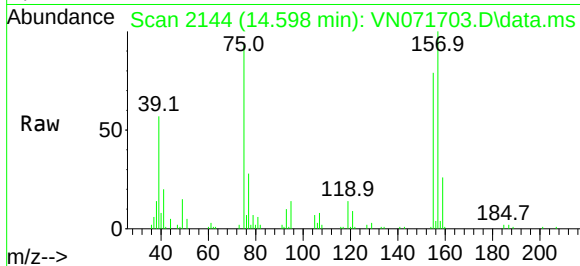




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.598 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

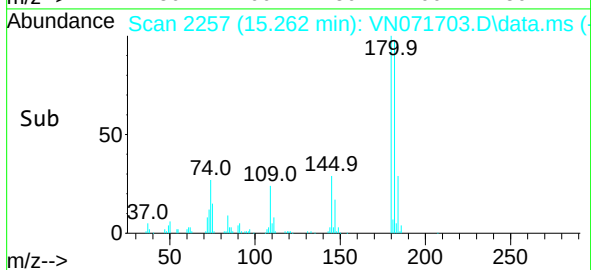
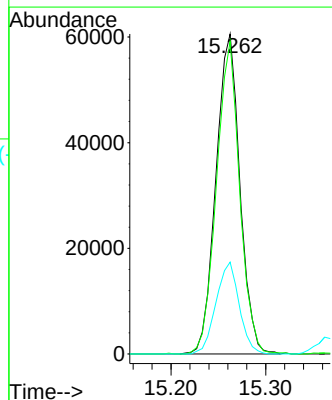
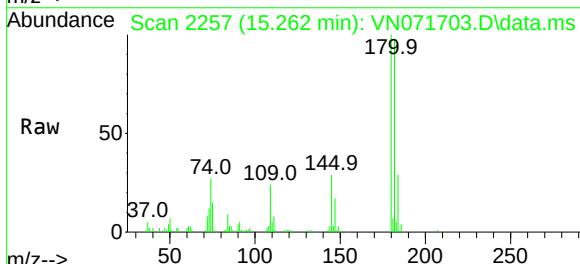
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

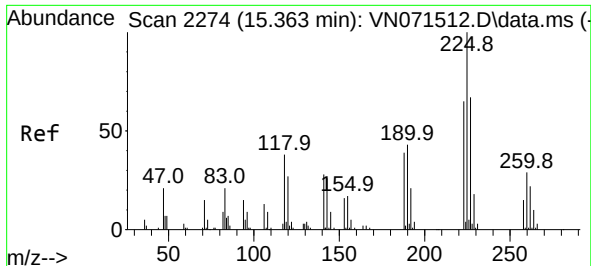
Tgt Ion: 75 Resp: 34135
 Ion Ratio Lower Upper
 75 100
 155 90.1 63.8 95.8
 157 116.7 77.9 116.9



#89
 1,2,4-Trichlorobenzene
 Concen: 20.832 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.006 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

Tgt Ion: 180 Resp: 106355
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.7 116.5
 145 27.8 26.6 39.8

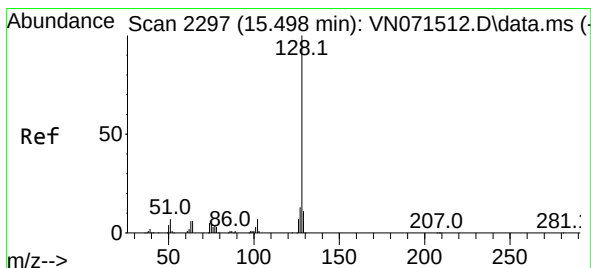
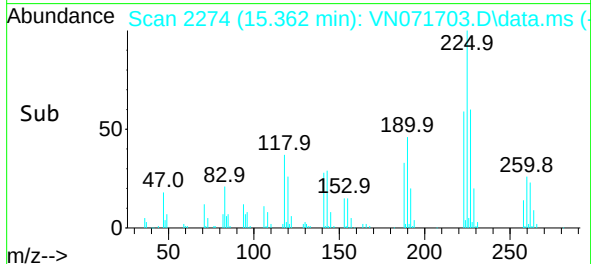
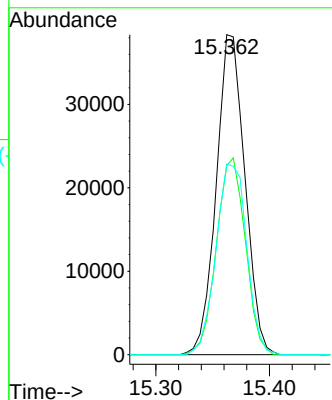
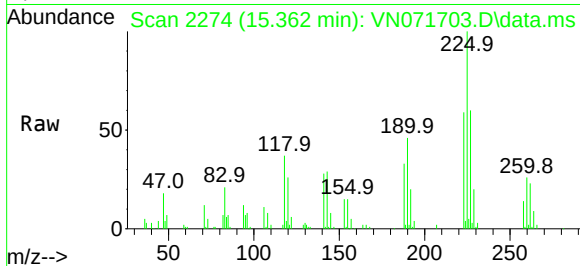




#90
Hexachlorobutadiene
Concen: 22.256 ug/l
RT: 15.362 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

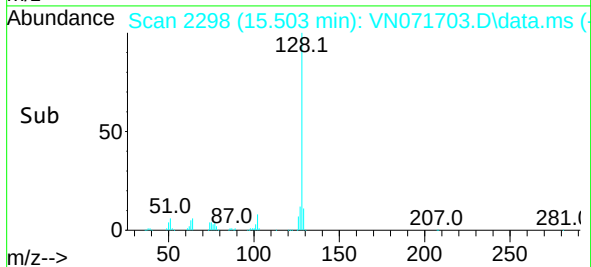
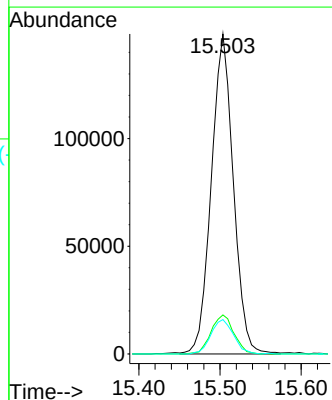
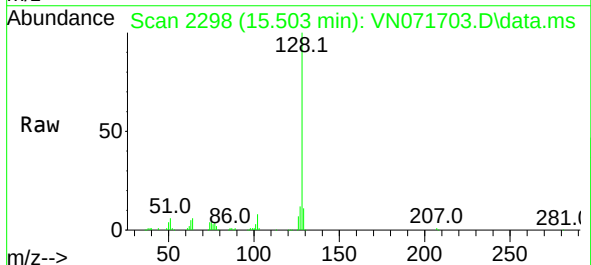
Instrument :
MSVOA_N
ClientSampleId :
VN0331WBS01

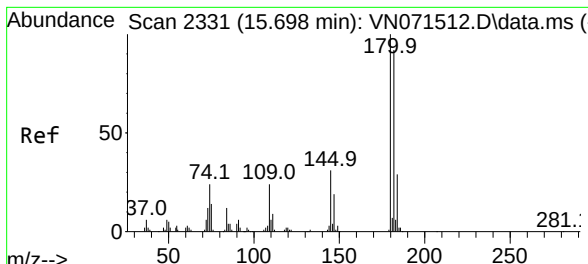
Tgt Ion:225 Resp: 67331
Ion Ratio Lower Upper
225 100
223 62.1 0.0 126.8
227 63.9 0.0 123.0



#91
Naphthalene
Concen: 21.118 ug/l
RT: 15.503 min Scan# 2298
Delta R.T. 0.005 min
Lab File: VN071703.D
Acq: 31 Mar 2022 14:40

Tgt Ion:128 Resp: 279995
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 11.0 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 21.169 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071703.D
 Acq: 31 Mar 2022 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0331WBS01

Tgt Ion:180	Resp:	105995
Ion Ratio	Lower	Upper
180	100	
182	95.6	0.0 190.0
145	30.3	0.0 67.8

