

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041422\
 Data File : VN071987.D
 Acq On : 14 Apr 2022 10:21
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 15 01:35:35 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	89502	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	498371	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	448742	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	176700	28.021	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.400%
60) 4-Bromofluorobenzene	12.727	95	198434	29.823	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.400%
63) Toluene-d8	10.439	98	618314	30.354	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	128158	23.005	ug/l	95
3) Chloromethane	2.304	50	132881	20.238	ug/l	96
4) Vinyl Chloride	2.446	62	136331	18.106	ug/l	97
5) Bromomethane	2.846	94	89403	20.149	ug/l	98
6) Chloroethane	3.010	64	81071	16.813	ug/l	96
7) Trichlorofluoromethane	3.369	101	185054	21.079	ug/l	99
8) Diethyl Ether	3.822	74	76104	20.631	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	114635	21.804	ug/l #	63
10) 1,1-Dichloroethene	4.187	96	108428	20.911	ug/l	93
11) Methyl Iodide	4.416	142	155112	20.414	ug/l	87
12) Methyl Acetate	4.851	43	145269	19.879	ug/l	94
13) Acrolein	4.034	56	82191	105.721	ug/l	97
14) Acrylonitrile	5.551	53	333917	100.892	ug/l	97
15) Acetone	4.287	58	124673	130.896	ug/l	72
16) Carbon Disulfide	4.534	76	289655	21.455	ug/l	98
17) Allyl chloride	4.840	41	153758	18.282	ug/l	80
18) Methylene Chloride	5.098	84	129584	20.832	ug/l	94
19) trans-1,2-Dichloroethene	5.598	96	117899	21.258	ug/l	97
20) Diisopropyl ether	6.492	45	348012	19.776	ug/l #	92
21) 1,1-Dichloroethane	6.386	63	215129	20.249	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	138045	20.488	ug/l	95
23) tert-Butyl Alcohol	5.363	59	98655	83.537	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	367915	19.660	ug/l #	87
25) Chloroform	7.816	83	220808	20.665	ug/l	97
26) Cyclohexane	8.092	56	191317	20.833	ug/l #	100
29) 1,1-Dichloropropene	8.222	75	166129	20.595	ug/l	100
30) 2-Butanone	7.328	43	445670	99.254	ug/l	95
31) 2,2-Dichloropropane	7.322	77	178228	19.395	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	189336	20.153	ug/l	98
33) Carbon Tetrachloride	8.204	117	162291	20.407	ug/l	94
34) Benzene	8.457	78	517715	20.657	ug/l	96
35) Methacrylonitrile	7.628	41	83317	19.340	ug/l	91
36) 1,2-Dichloroethane	8.528	62	161241	18.442	ug/l #	92
37) Trichloroethene	9.216	130	132048	20.419	ug/l	98
38) Methylcyclohexane	9.457	83	209796	20.634	ug/l	98
39) 1,2-Dichloropropane	9.486	63	125381	19.996	ug/l	95
40) Dibromomethane	9.575	93	84850	19.992	ug/l	85
41) Bromodichloromethane	9.757	83	170553	20.082	ug/l	93
43) Ethyl Acetate	7.404	43	169121	19.423	ug/l	99

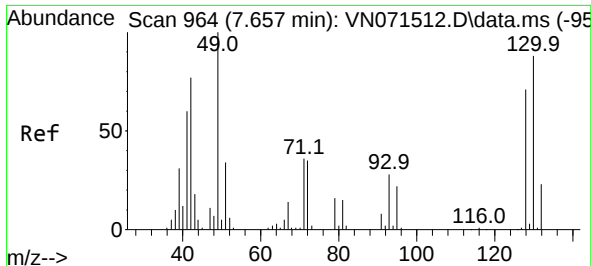
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.557	43	249513	17.867	ug/l	92
45) 1,4-Dioxane	9.563	88	55572	394.419	ug/l #	94
46) Methyl methacrylate	9.557	41	118240	19.308	ug/l	76
47) n-amyl Acetate	12.386	43	155118	16.646	ug/l #	86
48) t-1,3-Dichloropropene	10.716	75	175130	18.971	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	198555	19.669	ug/l #	80
50) 1,1,2-Trichloroethane	10.892	97	131419	20.713	ug/l	97
51) Ethyl methacrylate	10.757	69	192388	19.639	ug/l	76
52) 1,3-Dichloropropane	11.039	76	220590	20.358	ug/l	100
53) Dibromochloromethane	11.233	129	135029	20.559	ug/l	100
54) 1,2-Dibromoethane	11.339	107	133429	20.444	ug/l	97
55) 2-Chloroethyl vinyl ether	10.039	63	215286	81.563	ug/l	97
56) Bromoform	12.451	173	101219	19.988	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	799310	93.833	ug/l #	88
59) 2-Hexanone	11.080	43	587585	94.476	ug/l #	87
61) Tetrachloroethene	10.974	164	122905	22.504	ug/l	89
62) Toluene	10.504	91	578787	21.271	ug/l	96
64) Chlorobenzene	11.769	112	347760	20.720	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	126412	20.531	ug/l	98
66) Ethyl Benzene	11.839	91	602582	20.379	ug/l	96
67) m/p-Xylenes	11.951	106	476063	41.385	ug/l	97
68) o-Xylene	12.274	106	233884	20.456	ug/l	95
69) Styrene	12.292	104	364865	20.277	ug/l	96
70) Isopropylbenzene	12.574	105	586789	20.448	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	190435	20.390	ug/l	99
72) 1,2,3-Trichloropropane	12.874	75	221787	27.641	ug/l	57
73) Bromobenzene	12.857	156	142450	20.348	ug/l	95
74) n-propylbenzene	12.915	91	635995	20.306	ug/l	98
75) 2-Chlorotoluene	13.004	91	399716	20.422	ug/l	99
76) 1,3,5-Trimethylbenzene	13.057	105	482591	20.962	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	50867	18.055	ug/l	96
78) 4-Chlorotoluene	13.104	91	361426	19.772	ug/l	99
79) tert-butylbenzene	13.321	119	421553	20.291	ug/l	92
80) 1,2,4-Trimethylbenzene	13.363	105	473629	21.203	ug/l #	80
81) sec-Butylbenzene	13.498	105	560516	20.080	ug/l	97
82) p-Isopropyltoluene	13.610	119	454090	20.021	ug/l	96
83) 1,3-Dichlorobenzene	13.610	146	235003	20.515	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	221639	20.271	ug/l	97
85) n-Butylbenzene	13.939	91	317470	18.845	ug/l	96
86) Hexachloroethane	14.210	117	82557	19.492	ug/l	78
87) 1,2-Dichlorobenzene	13.986	146	230467	20.810	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	29954	18.025	ug/l #	79
89) 1,2,4-Trichlorobenzene	15.262	180	104160	20.347	ug/l	96
90) Hexachlorobutadiene	15.368	225	68286	22.510	ug/l	98
91) Naphthalene	15.504	128	266013	20.370	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	104007	20.715	ug/l	98

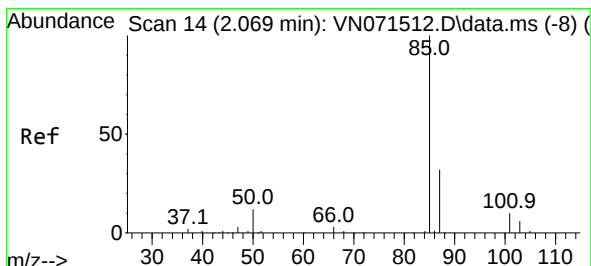
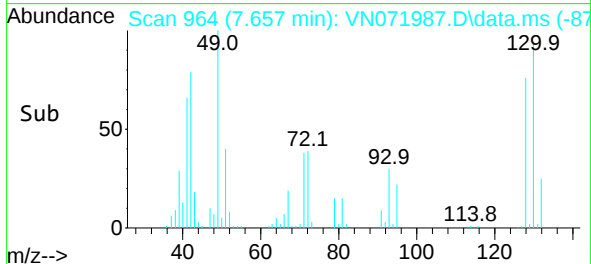
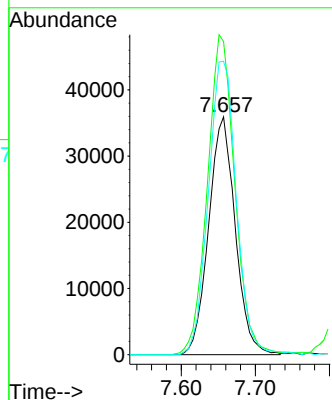
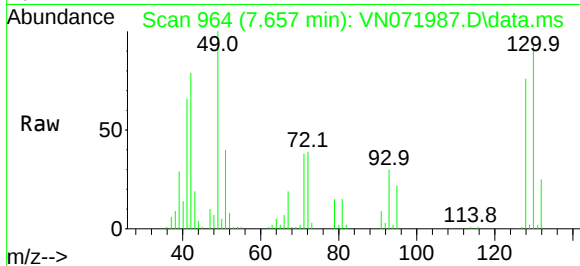
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN071987.D
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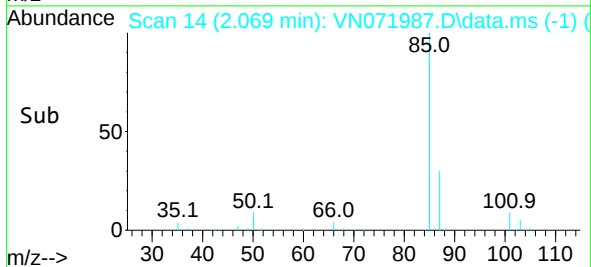
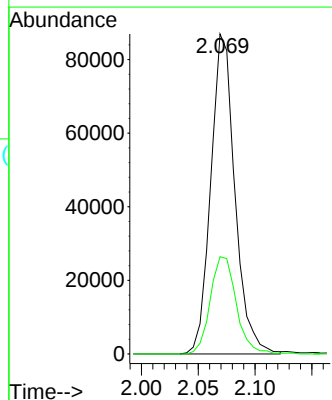
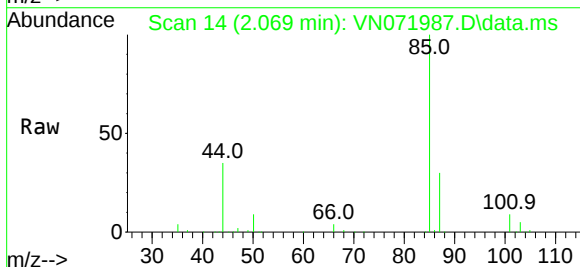
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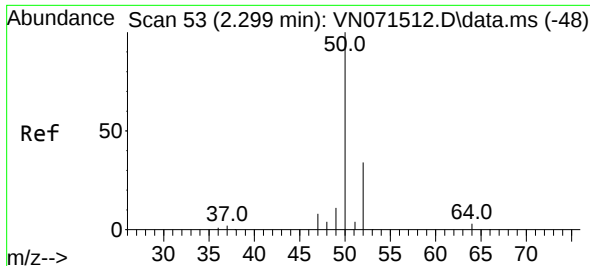
Tgt Ion:128 Resp: 89502
Ion Ratio Lower Upper
128 100
49 138.6 0.0 392.3
130 130.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 23.005 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 85 Resp: 128158
Ion Ratio Lower Upper
85 100
87 30.4 16.6 49.7

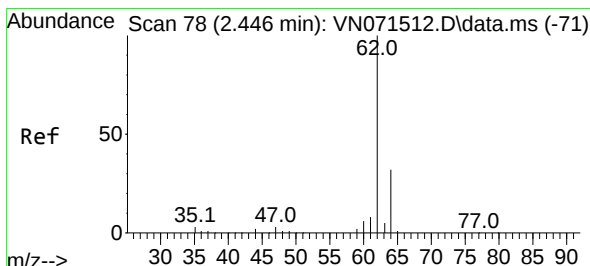
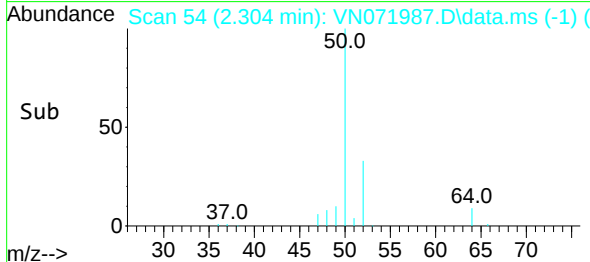
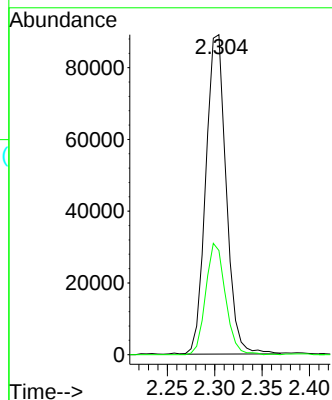
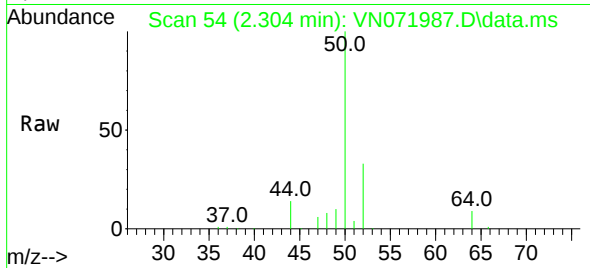




#3
Chloromethane
Concen: 20.238 ug/l
RT: 2.304 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

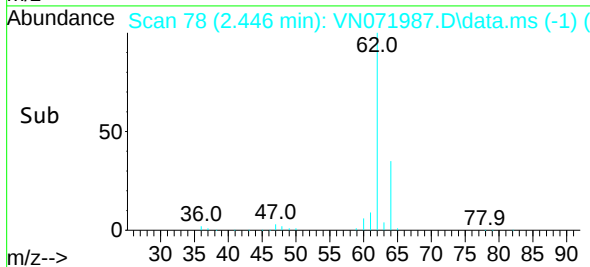
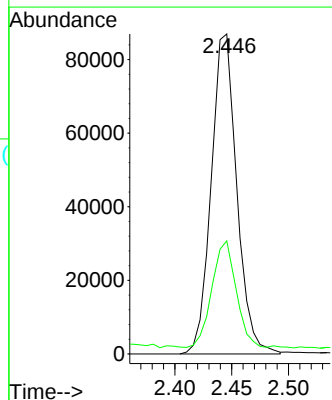
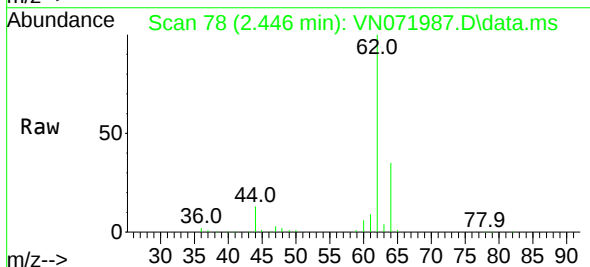
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ClientSampleId :
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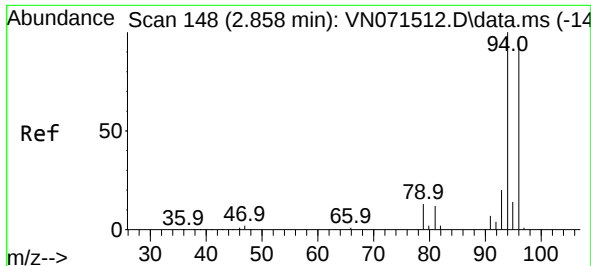
Tgt Ion: 50 Resp: 132881
Ion Ratio Lower Upper
50 100
52 32.6 27.8 41.6



#4
Vinyl Chloride
Concen: 18.106 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 62 Resp: 136331
Ion Ratio Lower Upper
62 100
64 33.2 25.1 37.7

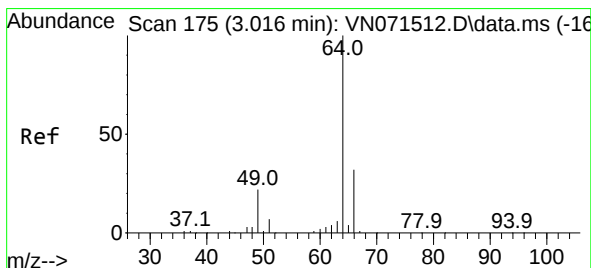
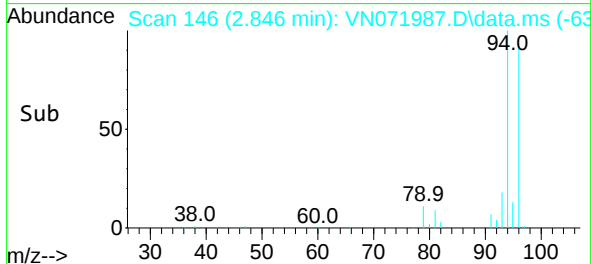
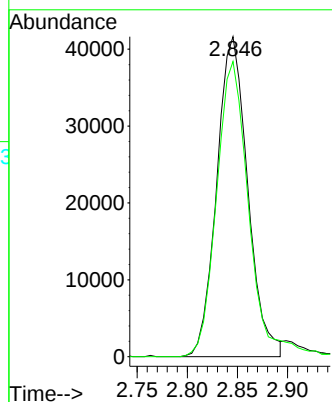
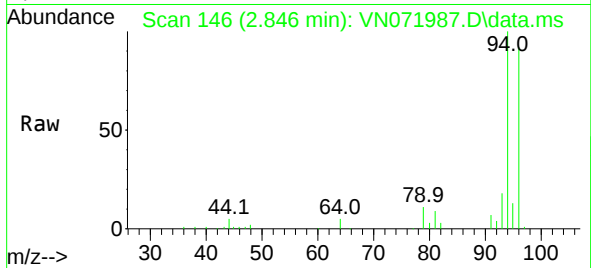




#5
Bromomethane
Concen: 20.149 ug/l
RT: 2.846 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

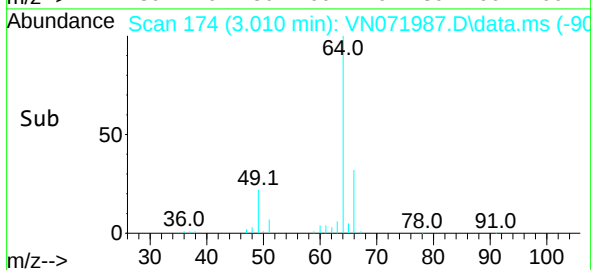
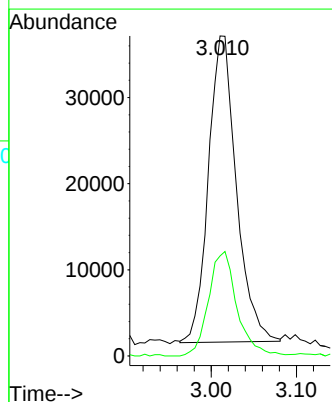
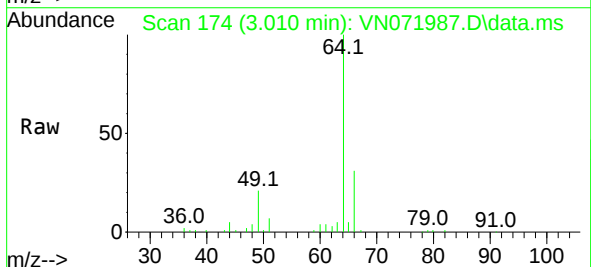
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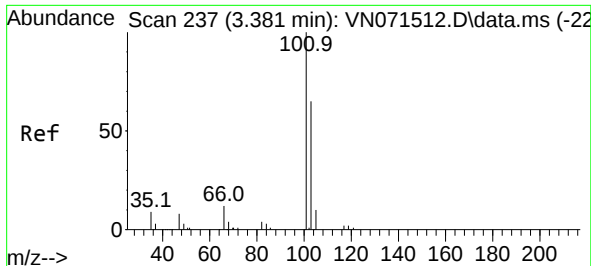
Tgt Ion: 94 Resp: 89403
Ion Ratio Lower Upper
94 100
96 92.3 75.2 112.8



#6
Chloroethane
Concen: 16.813 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 64 Resp: 81071
Ion Ratio Lower Upper
64 100
66 32.7 24.6 36.8

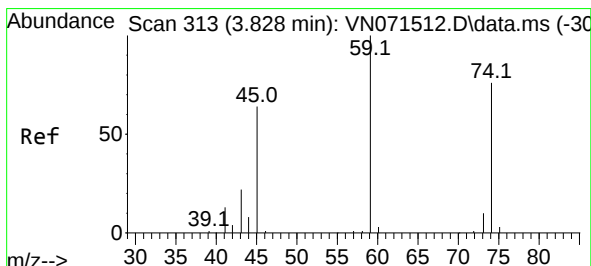
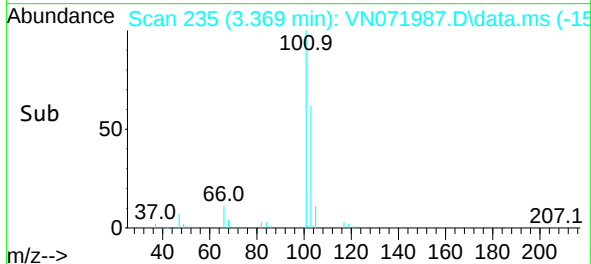
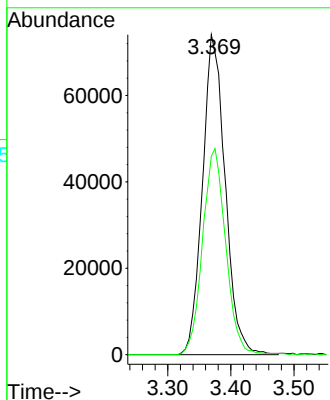
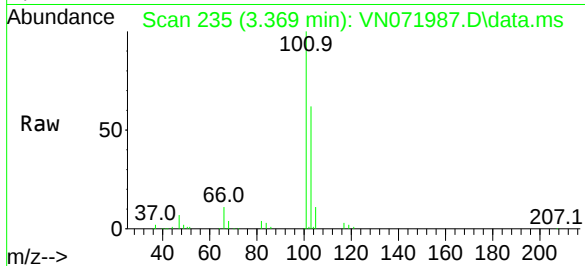




#7
 Trichlorofluoromethane
 Concen: 21.079 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

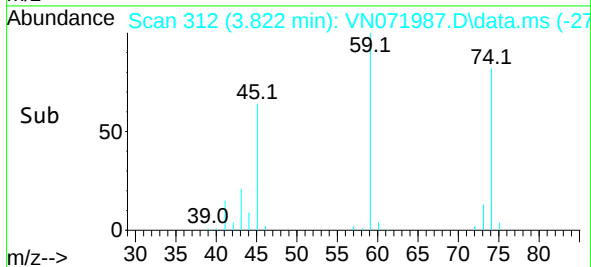
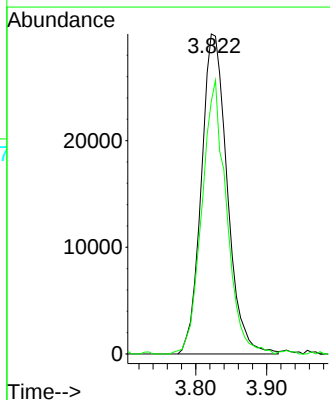
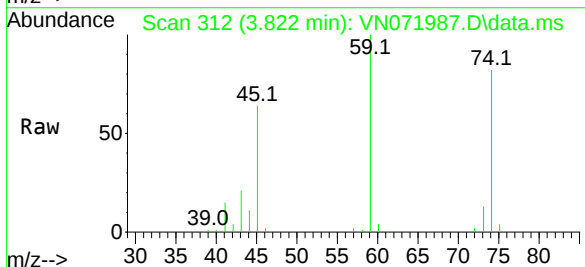
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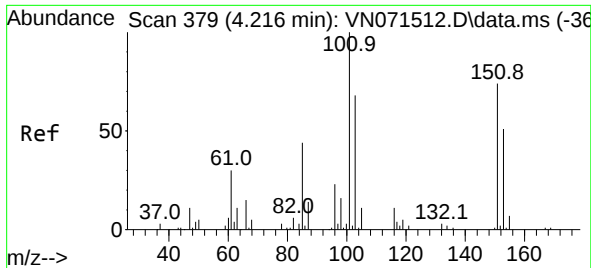
Tgt Ion:101 Resp: 185054
 Ion Ratio Lower Upper
 101 100
 103 62.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.631 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

Tgt Ion: 74 Resp: 76104
 Ion Ratio Lower Upper
 74 100
 45 81.0 17.6 158.8

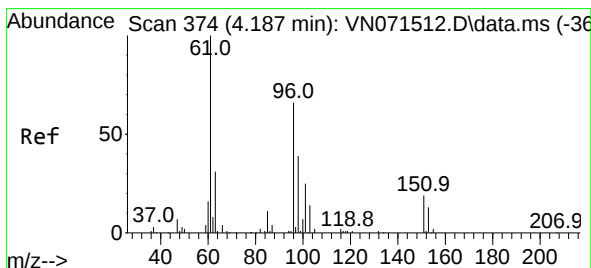
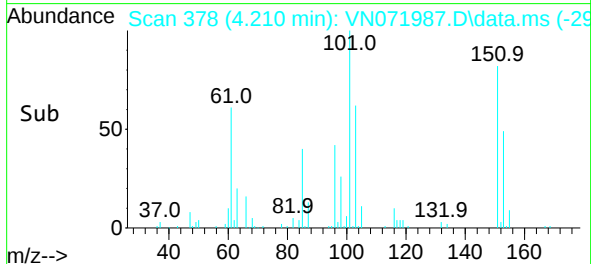
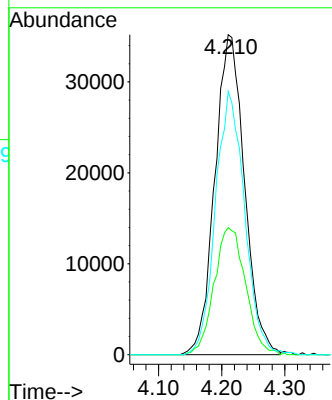
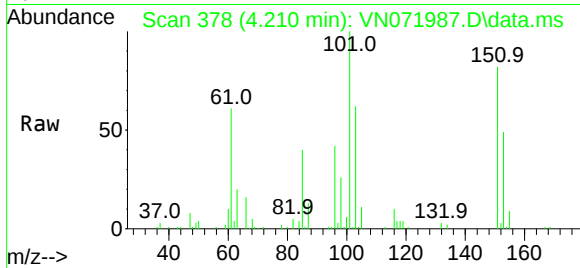




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.804 ug/l
 RT: 4.210 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

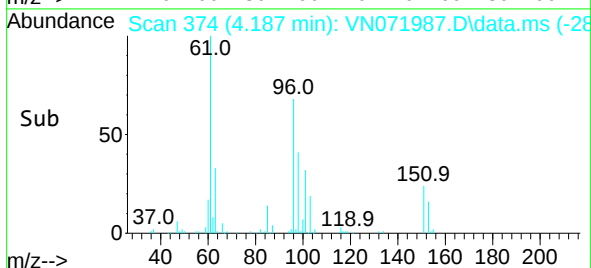
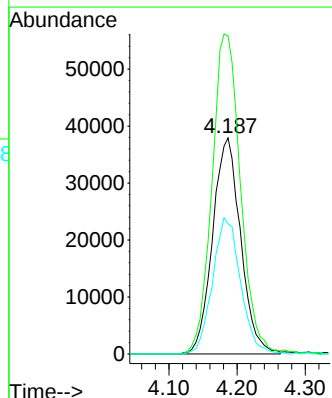
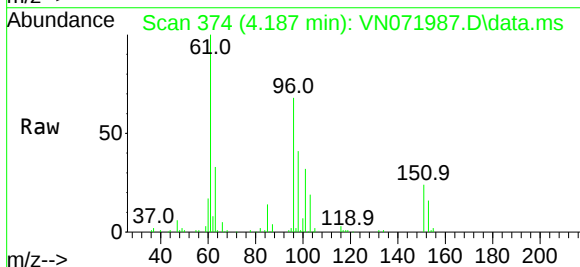
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 MSVOA_N
 ClientSampleId :
 VSTDCCC020

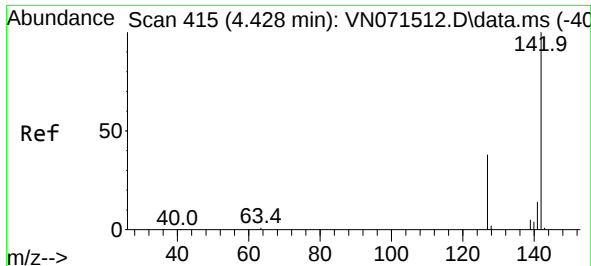
Tgt Ion:101 Resp: 114635
 Ion Ratio Lower Upper
 101 100
 85 41.7 0.0 94.0
 151 80.9 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 20.911 ug/l
 RT: 4.187 min Scan# 374
 Delta R.T. -0.000 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

Tgt Ion: 96 Resp: 108428
 Ion Ratio Lower Upper
 96 100
 61 147.3 126.2 189.4
 98 60.2 50.9 76.3

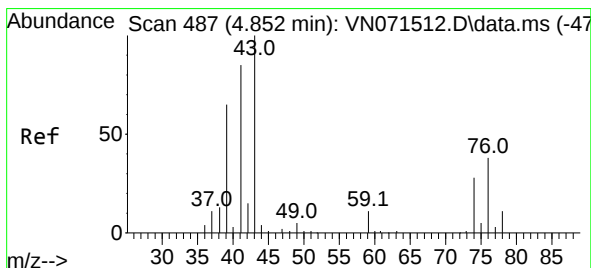
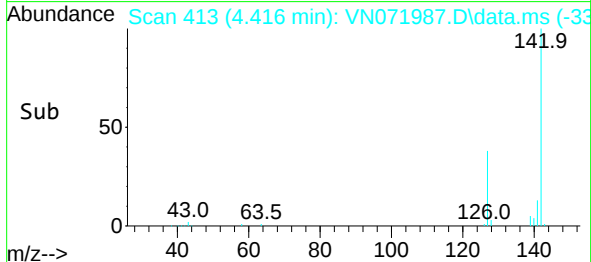
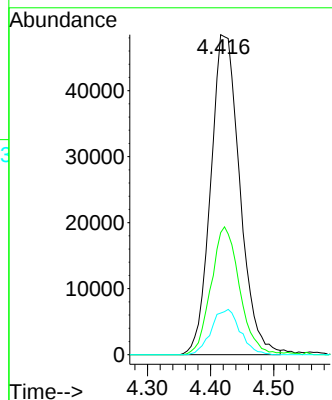
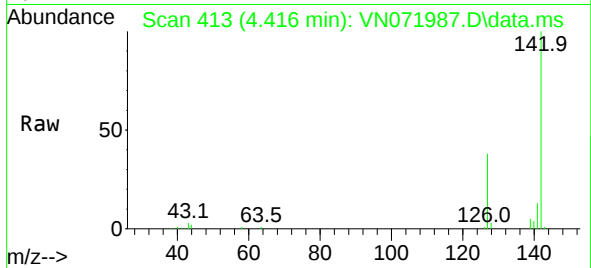




#11
Methyl Iodide
Concen: 20.414 ug/l
RT: 4.416 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

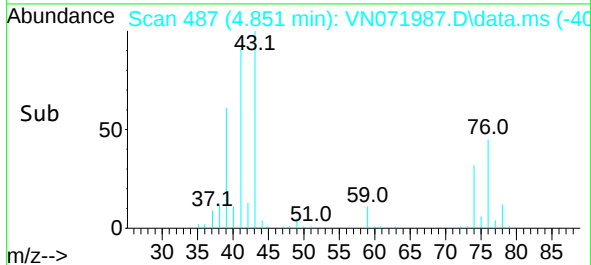
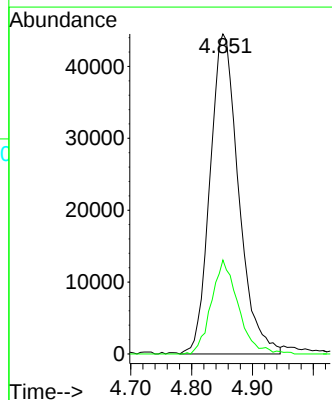
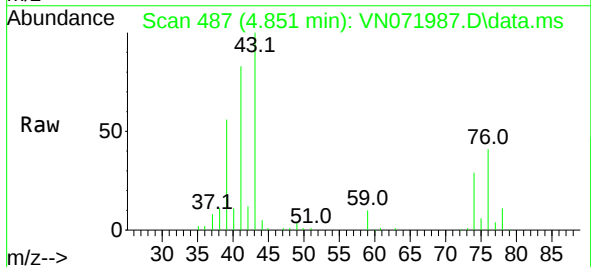
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

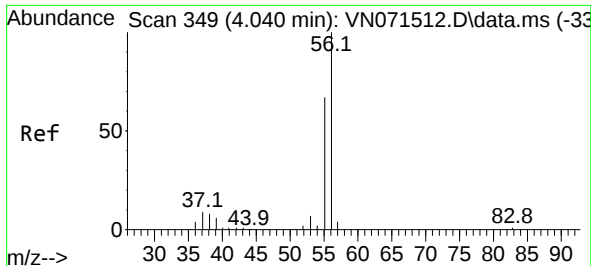
Tgt Ion:142 Resp: 155112
Ion Ratio Lower Upper
142 100
127 38.1 24.0 72.0
141 13.1 8.4 25.2



#12
Methyl Acetate
Concen: 19.879 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 43 Resp: 145269
Ion Ratio Lower Upper
43 100
74 29.3 20.8 31.2

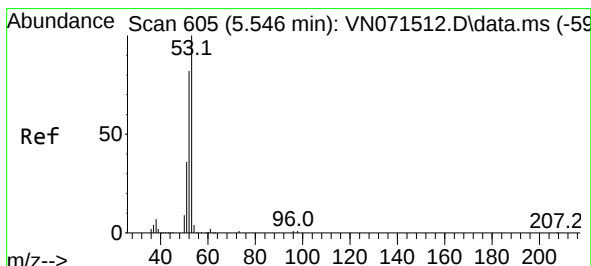
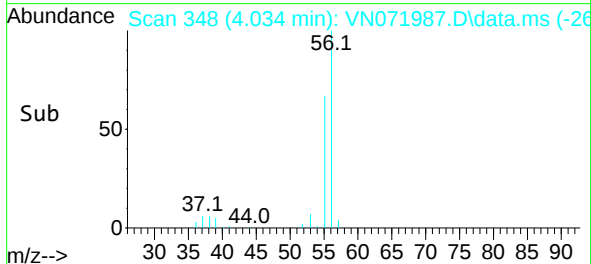
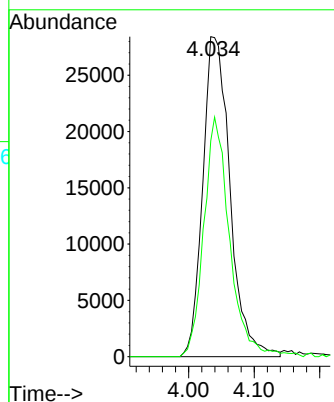
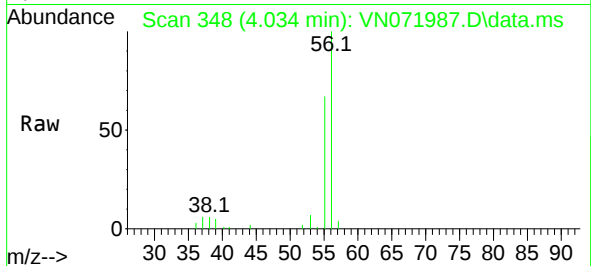




#13
Acrolein
Concen: 105.721 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

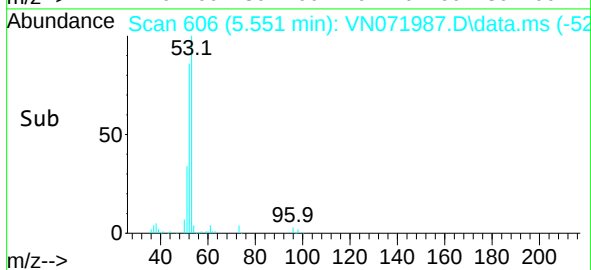
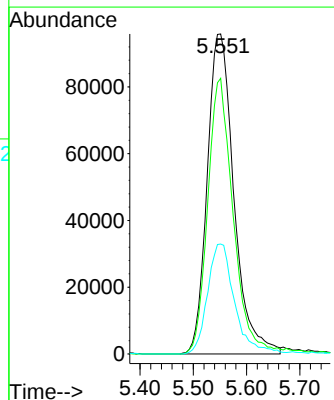
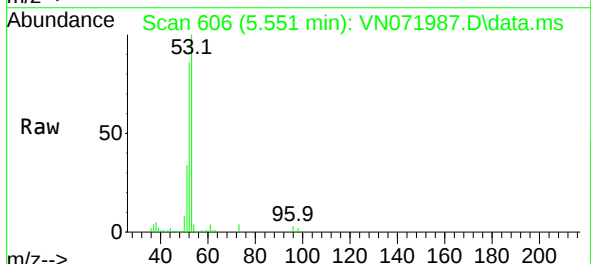
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

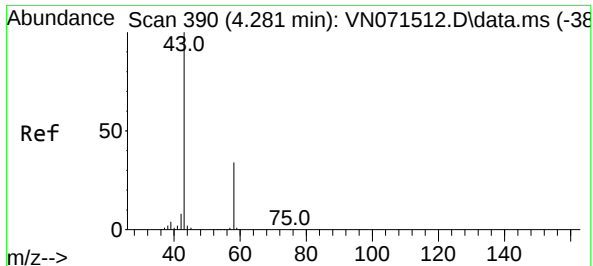
Tgt Ion: 56 Resp: 82191
Ion Ratio Lower Upper
56 100
55 69.5 57.6 86.4



#14
Acrylonitrile
Concen: 100.892 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 53 Resp: 333917
Ion Ratio Lower Upper
53 100
52 81.9 41.8 125.4
51 33.8 19.0 57.0

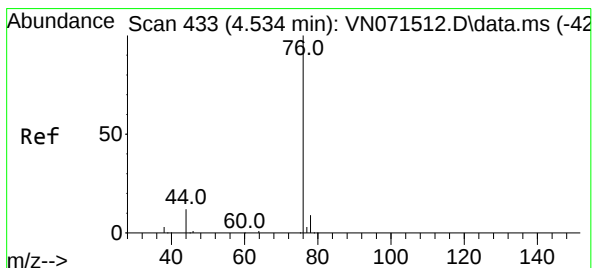
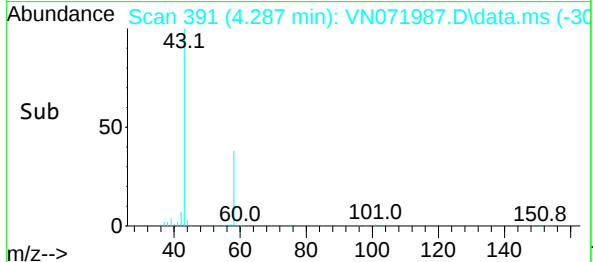
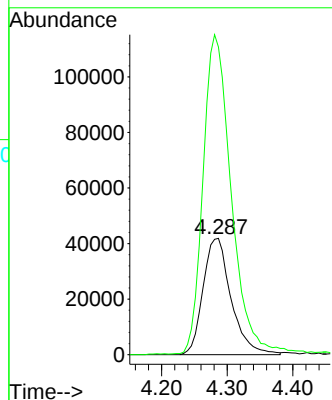
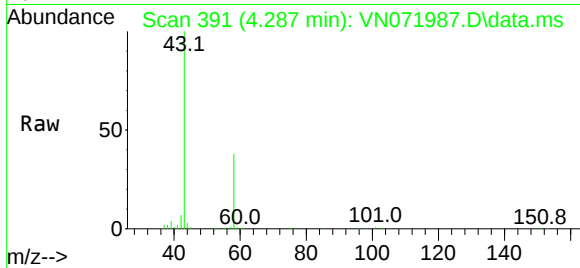




#15
Acetone
Concen: 130.896 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

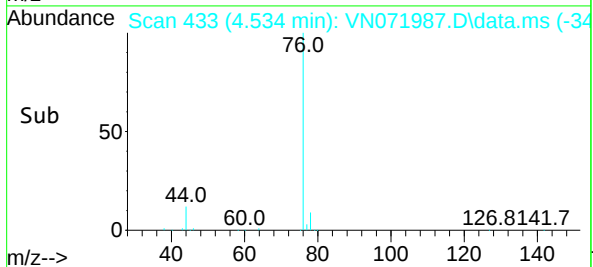
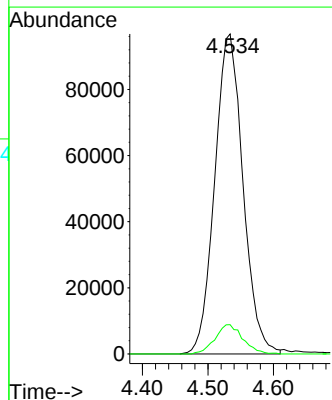
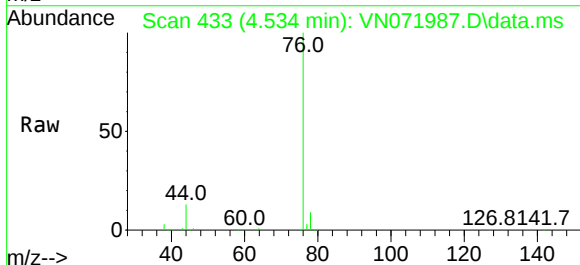
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

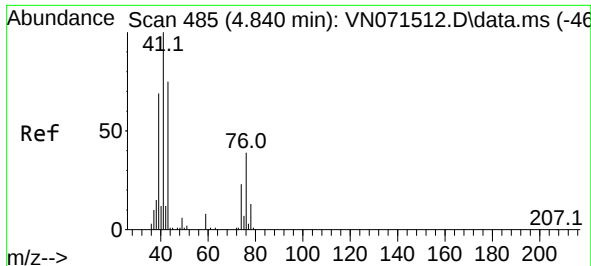
Tgt Ion: 58 Resp: 124673
Ion Ratio Lower Upper
58 100
43 263.7 256.6 384.8



#16
Carbon Disulfide
Concen: 21.455 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 76 Resp: 289655
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17

Allyl chloride

Concen: 18.282 ug/l

RT: 4.840 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN071987.D

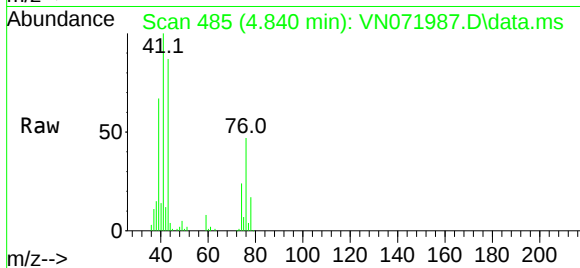
Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



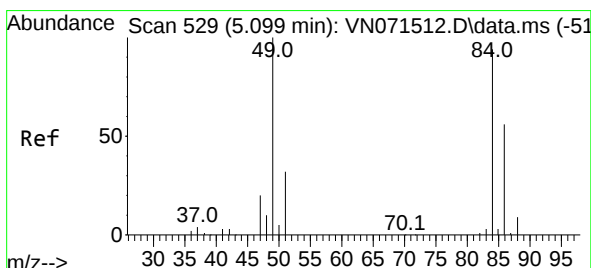
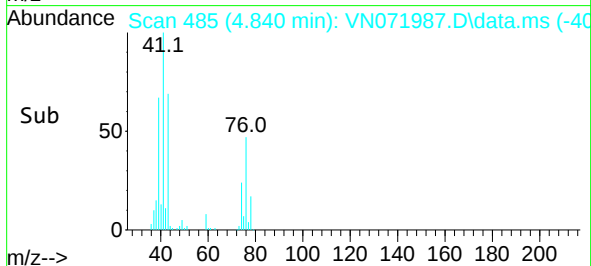
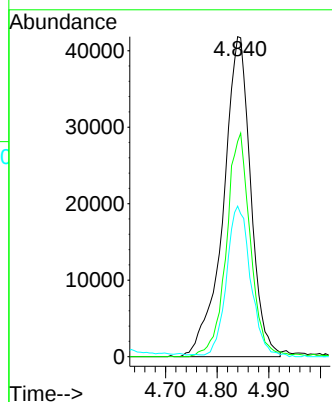
Tgt Ion: 41 Resp: 153758

Ion Ratio Lower Upper

41 100

39 67.2 44.6 134.0

76 46.3 19.6 58.7



#18

Methylene Chloride

Concen: 20.832 ug/l

RT: 5.098 min Scan# 529

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Tgt Ion: 84 Resp: 129584

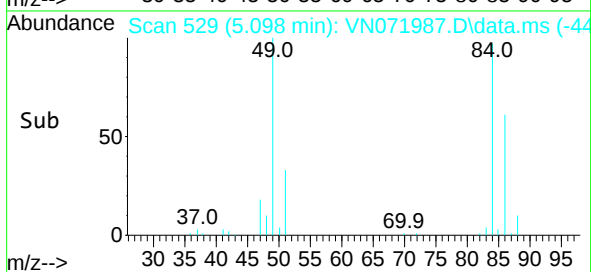
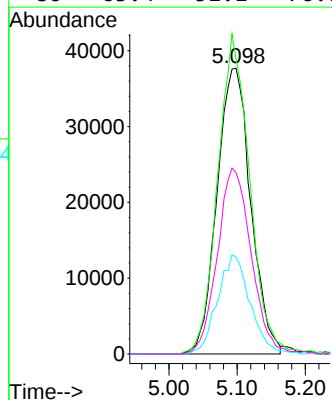
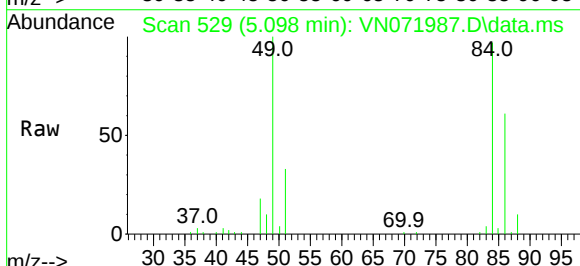
Ion Ratio Lower Upper

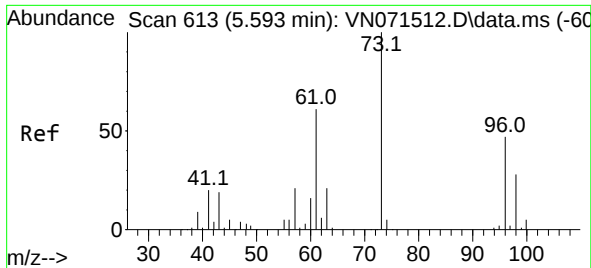
84 100

49 103.2 91.4 137.0

51 34.0 29.4 44.0

86 63.4 51.1 76.7

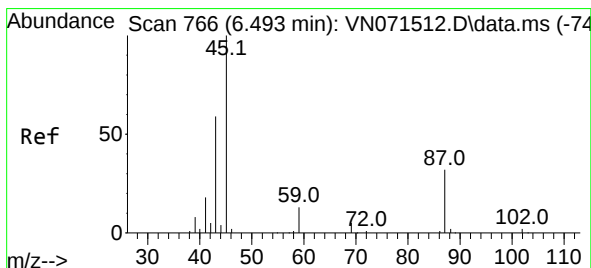
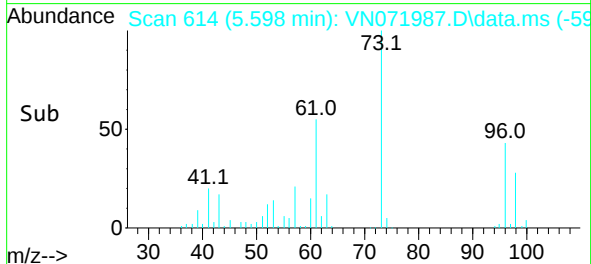
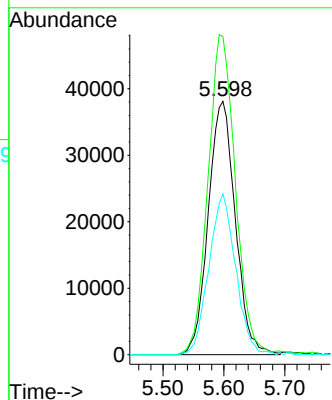
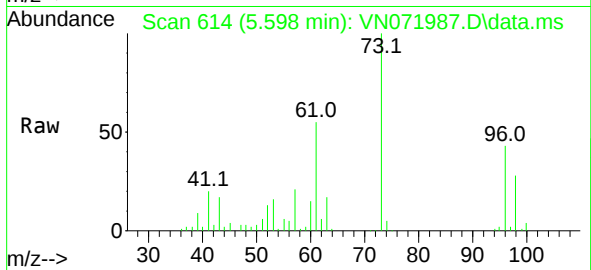




#19
trans-1,2-Dichloroethene
Concen: 21.258 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

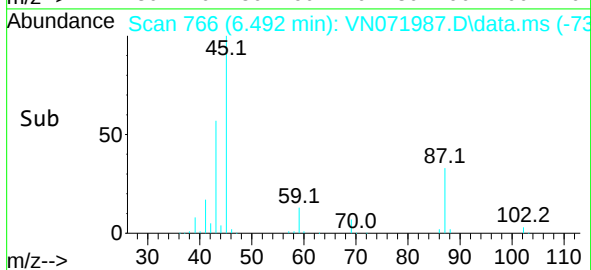
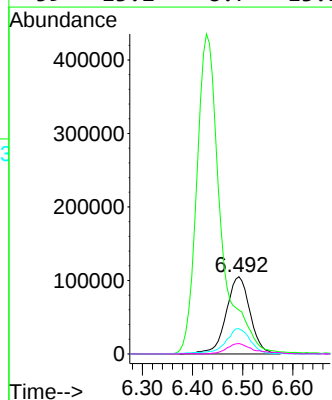
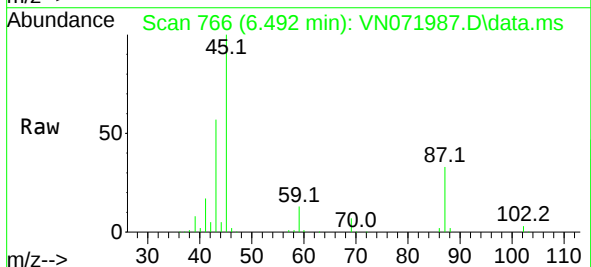
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

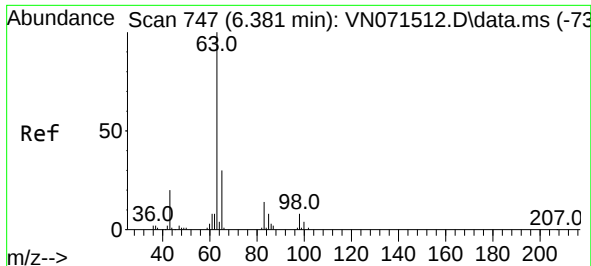
Tgt Ion: 96 Resp: 117899
Ion Ratio Lower Upper
96 100
61 125.1 102.8 154.2
98 63.5 49.3 73.9



#20
Diisopropyl ether
Concen: 19.776 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 45 Resp: 348012
Ion Ratio Lower Upper
45 100
43 54.2 51.0 76.4
87 32.2 25.0 37.4
59 13.2 8.7 13.1#

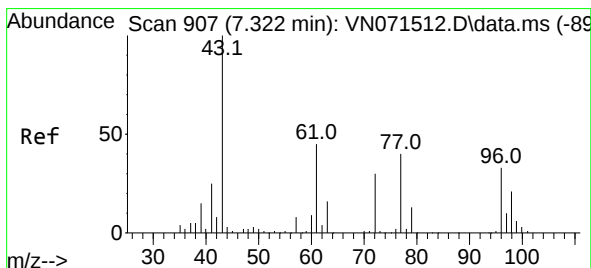
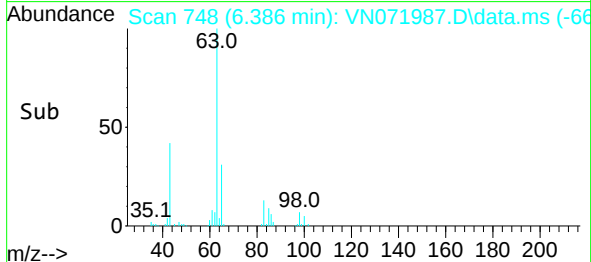
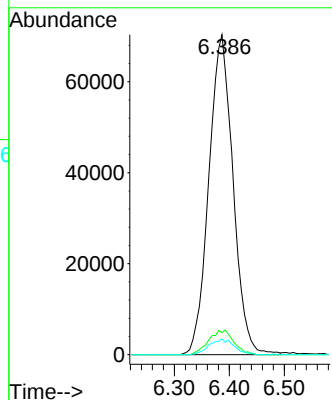
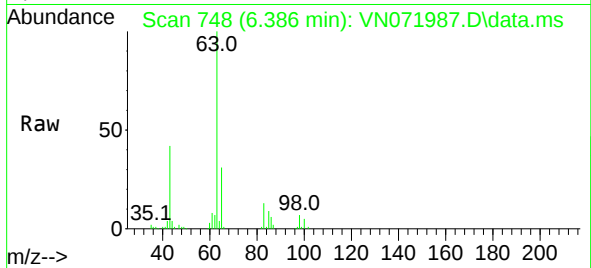




#21
1,1-Dichloroethane
Concen: 20.249 ug/l
RT: 6.386 min Scan# 747
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

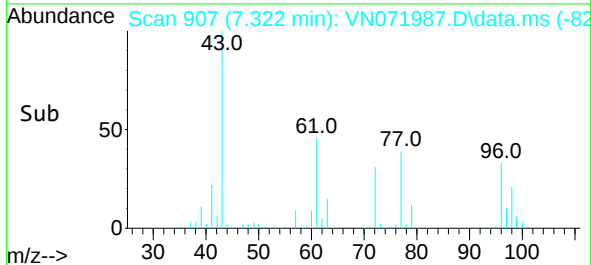
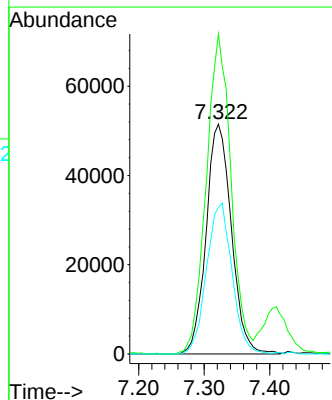
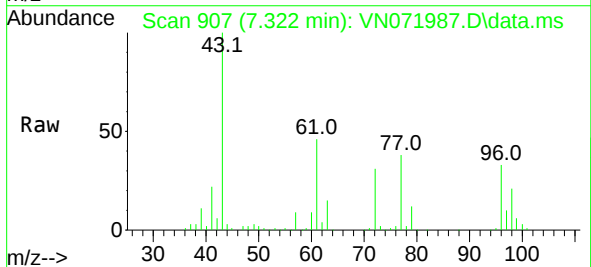
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

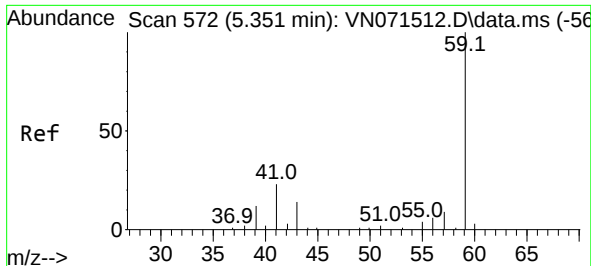
Tgt Ion: 63 Resp: 215129
Ion Ratio Lower Upper
63 100
98 6.9 3.2 9.6
100 5.0 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 20.488 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 96 Resp: 138045
Ion Ratio Lower Upper
96 100
61 136.3 115.7 173.5
98 66.1 51.6 77.4

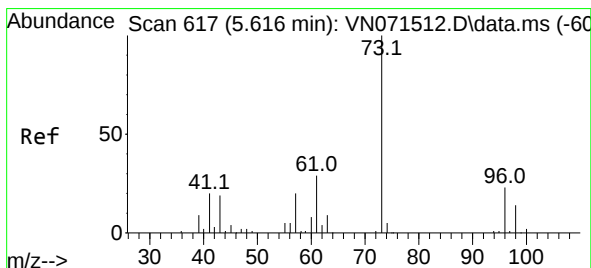
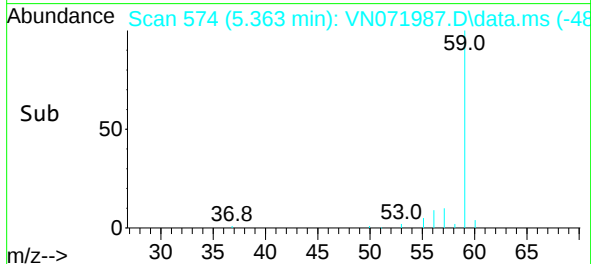
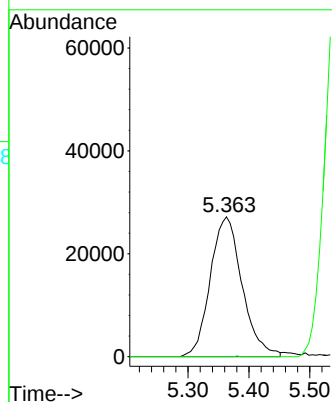
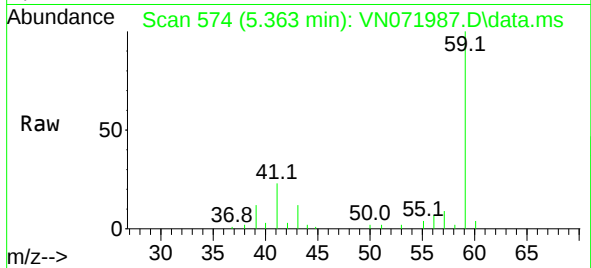




#23
tert-Butyl Alcohol
Concen: 83.537 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

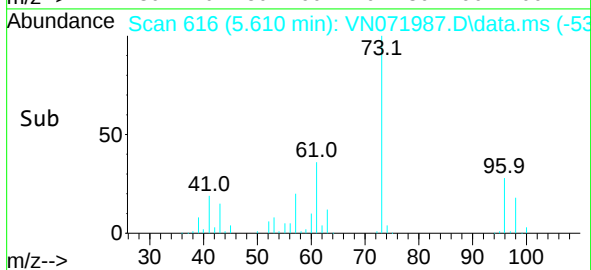
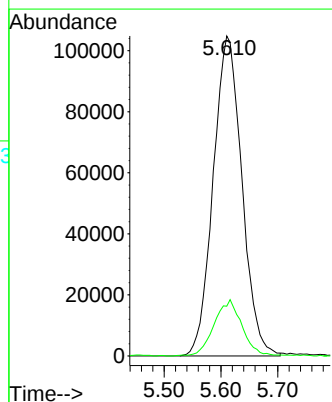
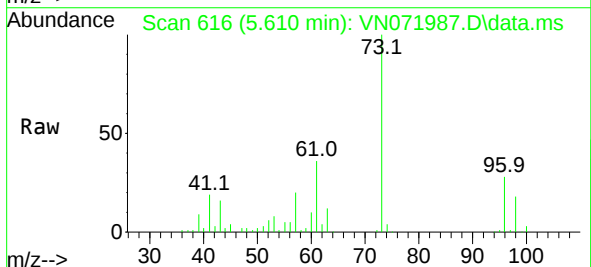
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

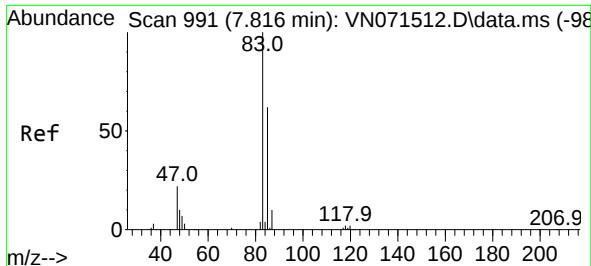
Tgt Ion: 59 Resp: 98655
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.660 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 73 Resp: 367915
Ion Ratio Lower Upper
73 100
43 16.4 18.1 27.1#

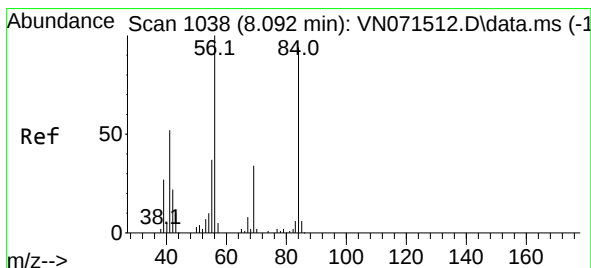
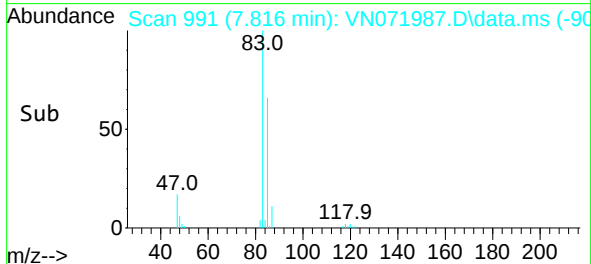
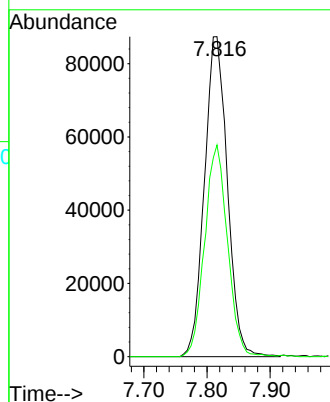
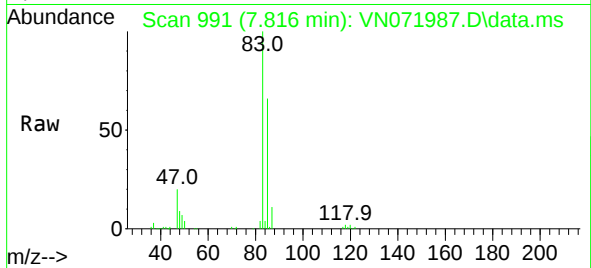




#25
Chloroform
Concen: 20.665 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

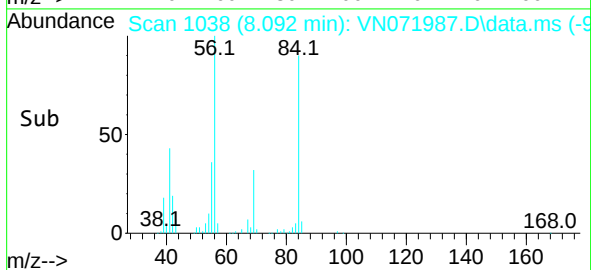
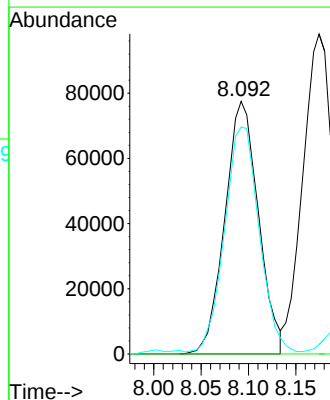
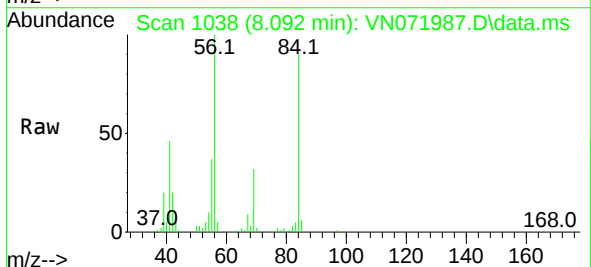
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

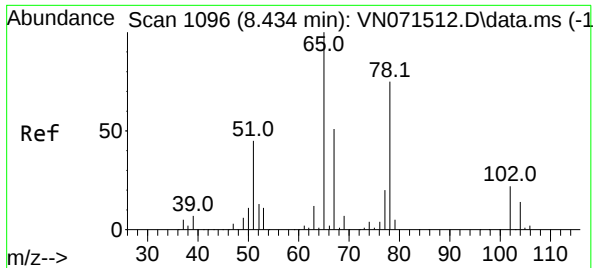
Tgt Ion: 83 Resp: 220808
Ion Ratio Lower Upper
83 100
85 66.2 51.3 76.9



#26
Cyclohexane
Concen: 20.833 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 56 Resp: 191317
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 93.5 74.6 111.8

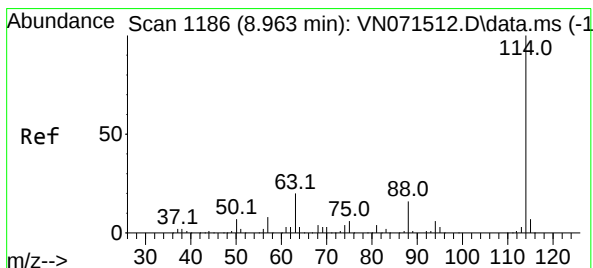
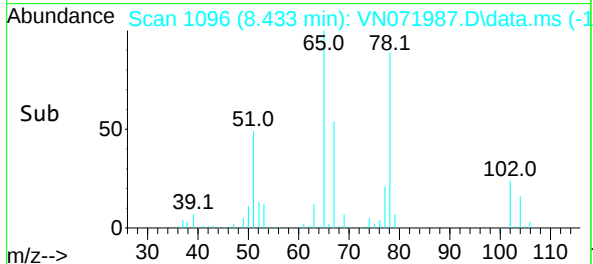
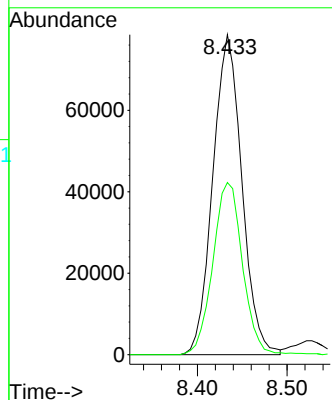
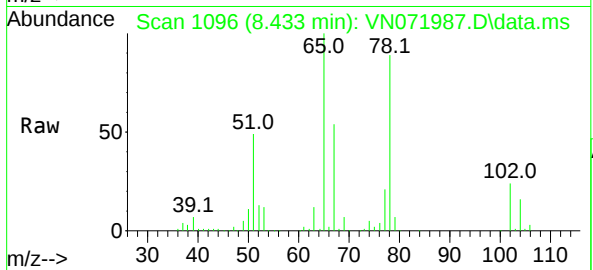




#27
1,2-Dichloroethane-d4
Concen: 28.021 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

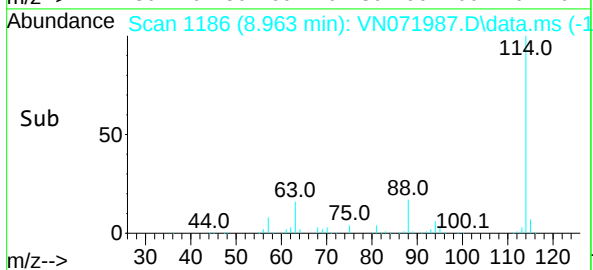
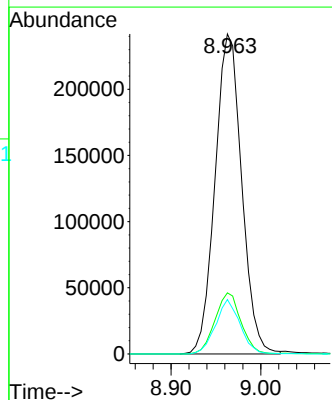
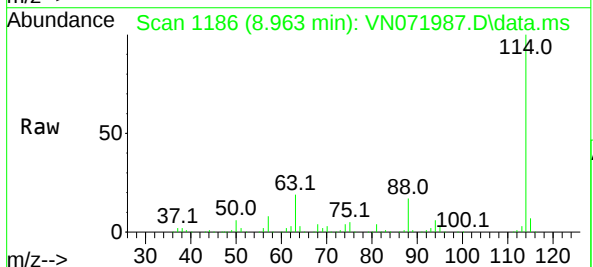
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

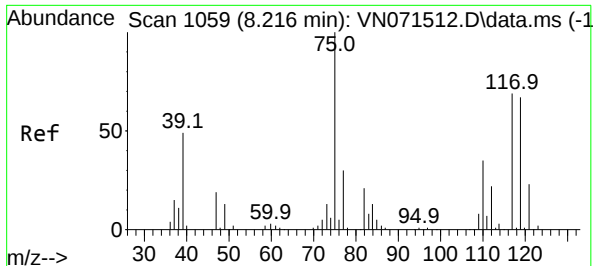
Tgt Ion: 65 Resp: 176700
Ion Ratio Lower Upper
65 100
67 55.0 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 114 Resp: 498371
Ion Ratio Lower Upper
114 100
63 18.6 15.8 23.6
88 15.7 11.6 17.4

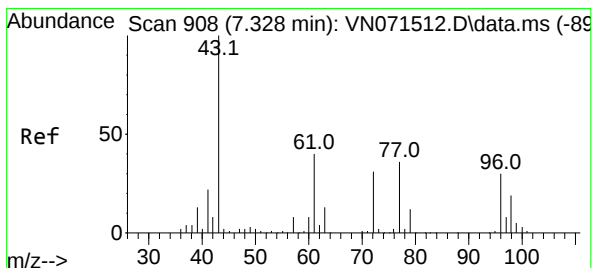
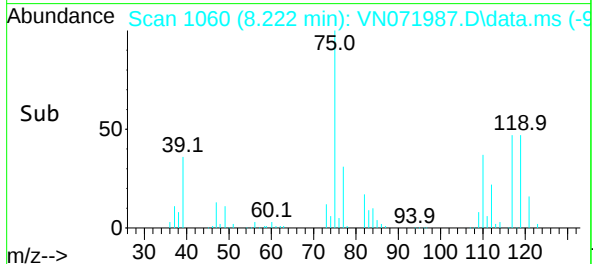
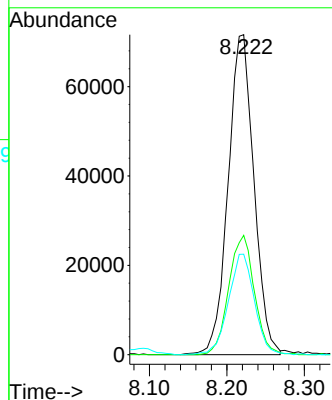
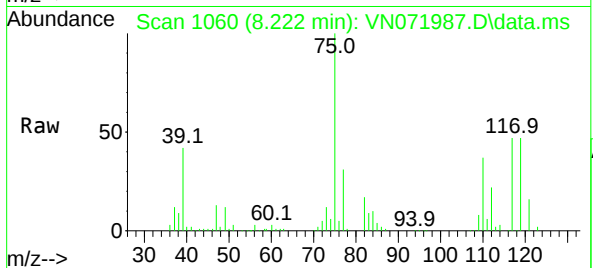




#29
1,1-Dichloropropene
Concen: 20.595 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

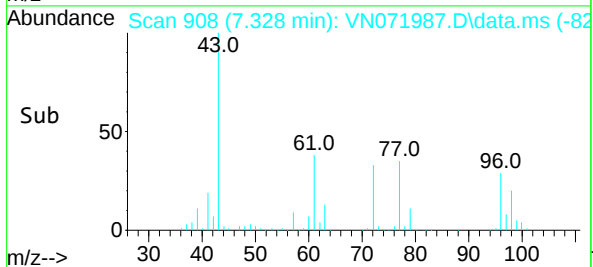
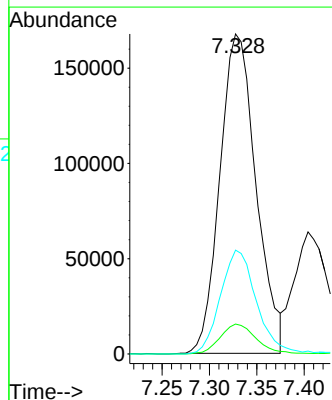
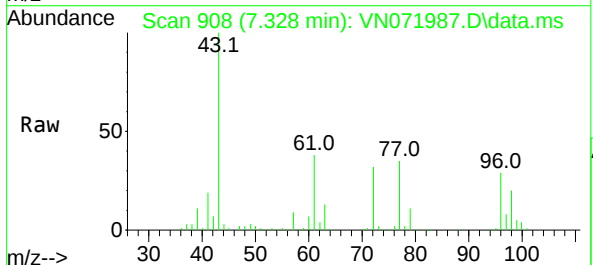
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

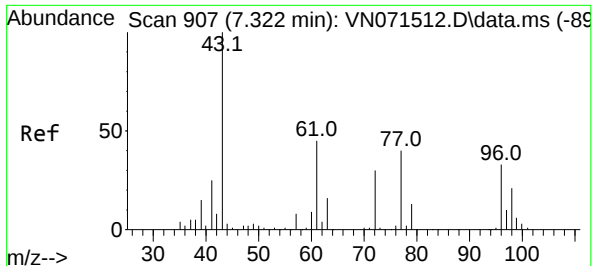
Tgt Ion: 75 Resp: 166129
Ion Ratio Lower Upper
75 100
110 36.9 0.0 74.2
77 31.6 0.0 63.2



#30
2-Butanone
Concen: 99.254 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 43 Resp: 445670
Ion Ratio Lower Upper
43 100
57 9.4 6.7 10.1
72 32.1 23.2 34.8

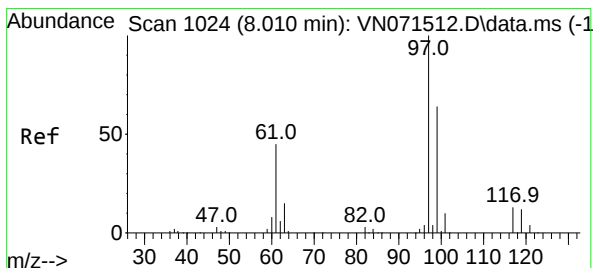
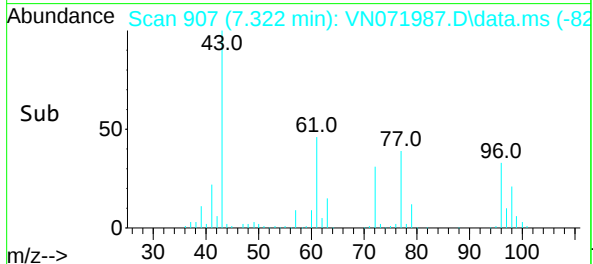
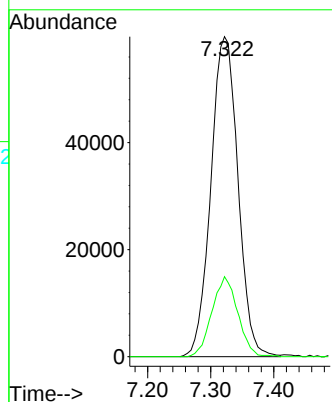
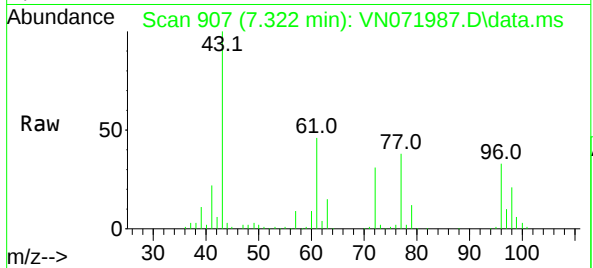




#31
2,2-Dichloropropane
Concen: 19.395 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

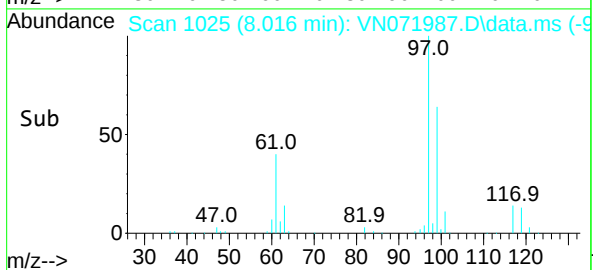
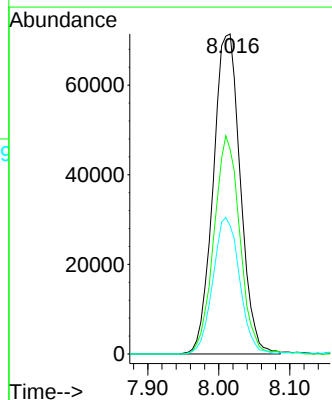
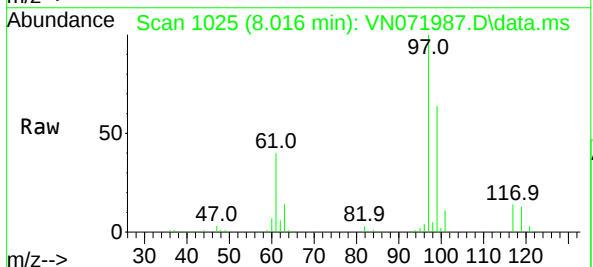
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

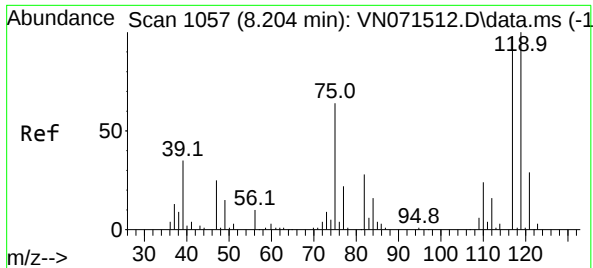
Tgt Ion: 77 Resp: 178228
Ion Ratio Lower Upper
77 100
97 23.7 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 20.153 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 97 Resp: 189336
Ion Ratio Lower Upper
97 100
99 64.7 50.4 75.6
61 41.8 34.6 51.8

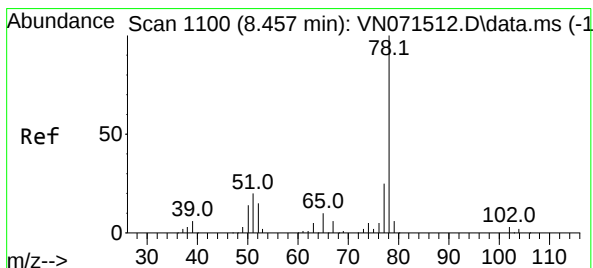
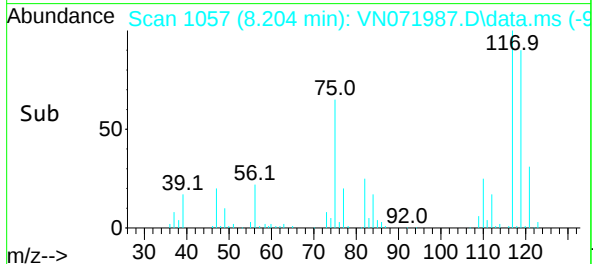
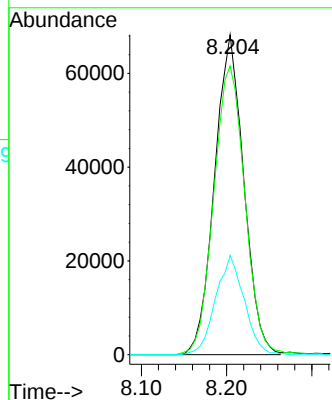
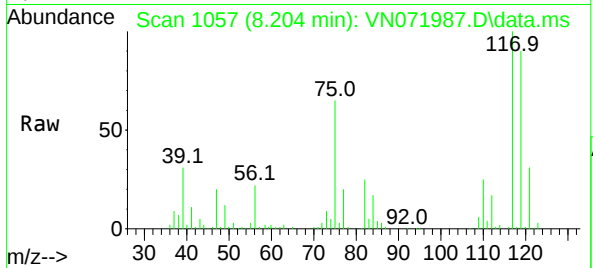




#33
Carbon Tetrachloride
Concen: 20.407 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

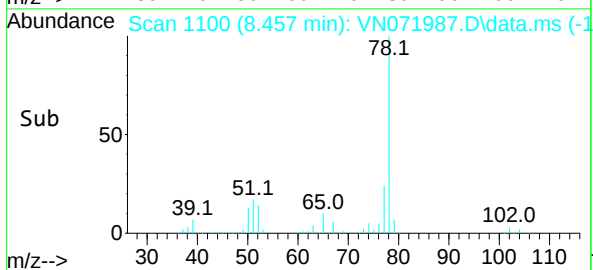
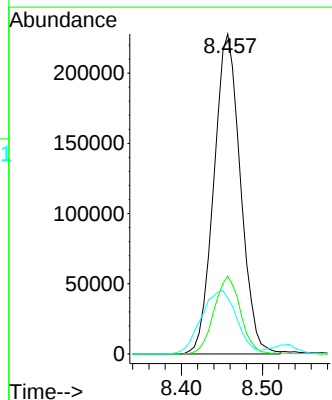
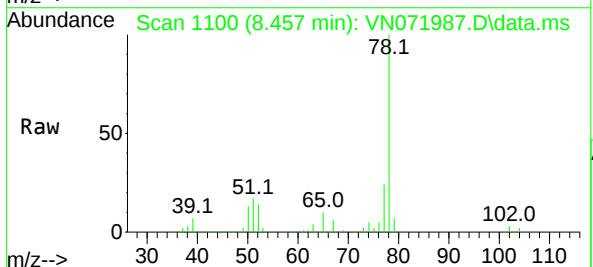
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

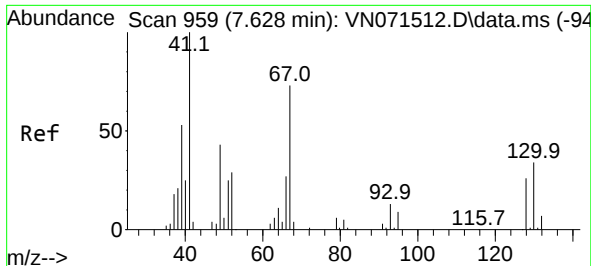
Tgt Ion:117 Resp: 162291
Ion Ratio Lower Upper
117 100
119 89.9 77.5 116.3
121 31.0 23.5 35.3



#34
Benzene
Concen: 20.657 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 78 Resp: 517715
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7
51 16.7 16.0 24.0

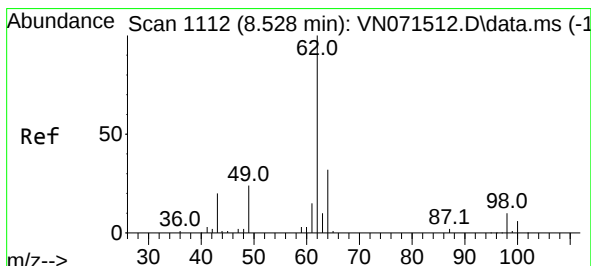
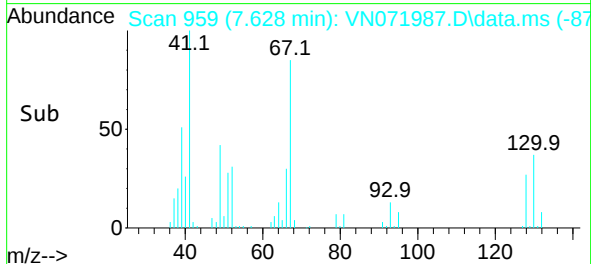
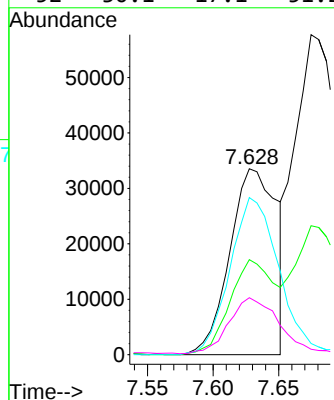
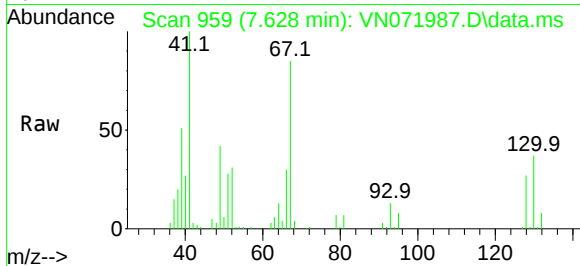




#35
Methacrylonitrile
Concen: 19.340 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

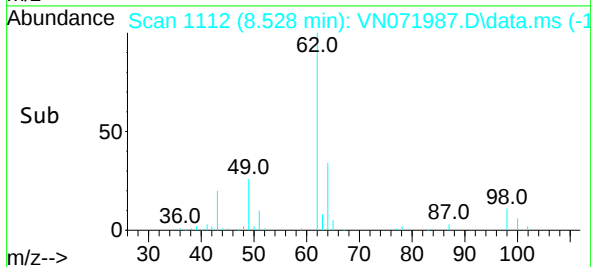
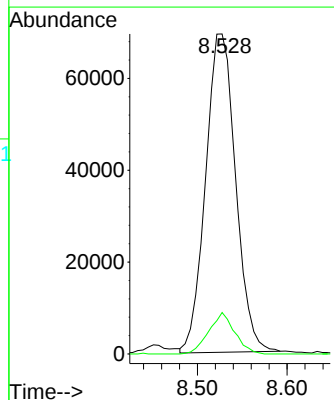
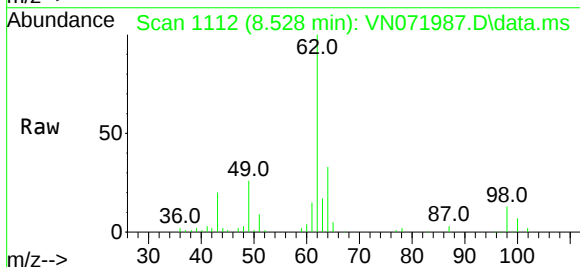
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

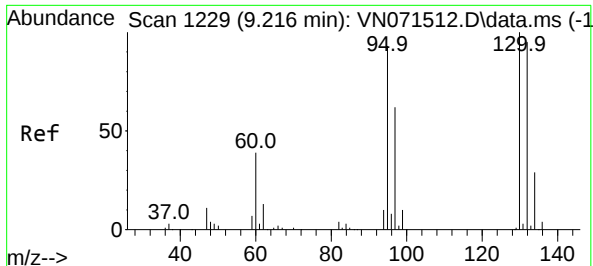
Tgt Ion:	41	Resp:	83317
Ion	Ratio	Lower	Upper
41	100		
39	51.1	28.0	83.9
67	84.5	37.7	113.1
52	30.1	17.1	51.2



#36
1,2-Dichloroethane
Concen: 18.442 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:	62	Resp:	161241
Ion	Ratio	Lower	Upper
62	100		
98	11.2	6.6	10.0#





#37

Trichloroethene

Concen: 20.419 ug/l

RT: 9.216 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

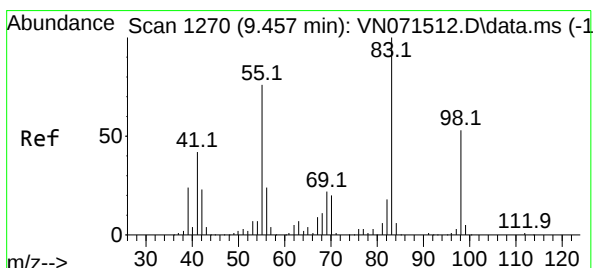
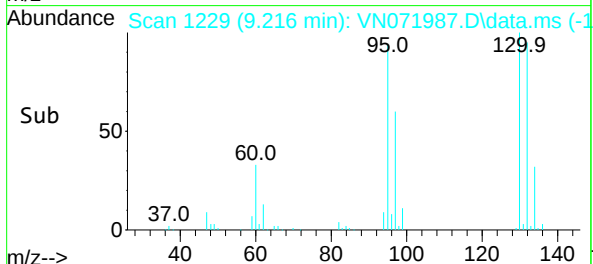
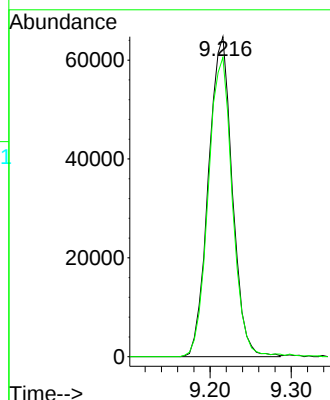
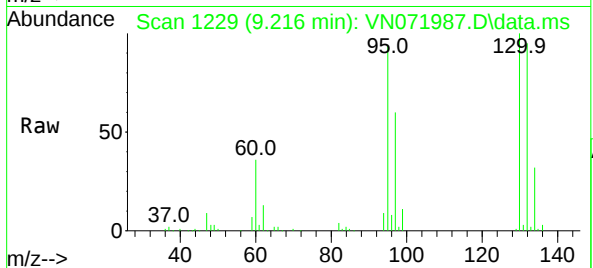
VSTDCCC020

Tgt Ion:130 Resp: 132048

Ion Ratio Lower Upper

130 100

95 93.5 76.6 115.0



#38

Methylcyclohexane

Concen: 20.634 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

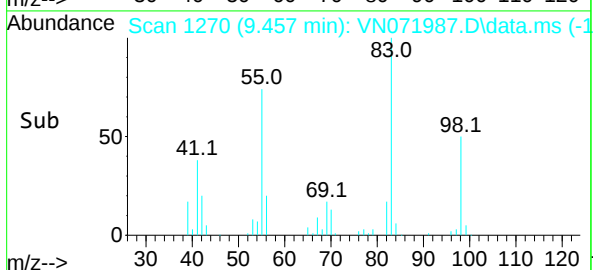
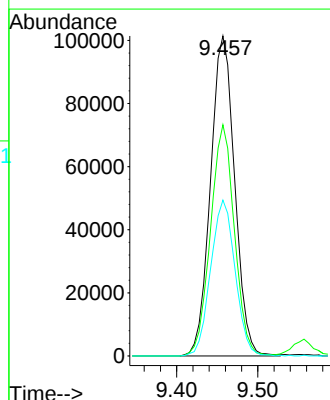
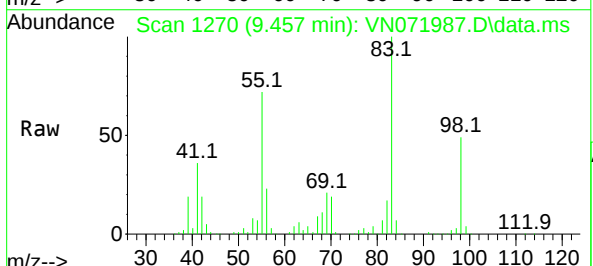
Tgt Ion: 83 Resp: 209796

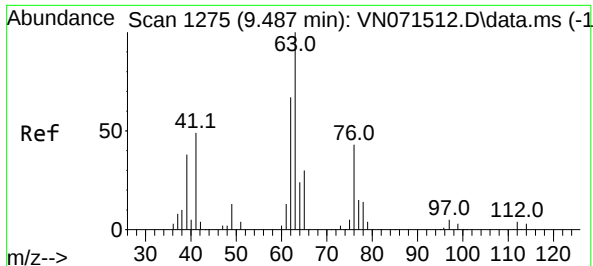
Ion Ratio Lower Upper

83 100

55 71.3 35.1 105.3

98 49.1 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.996 ug/l

RT: 9.486 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

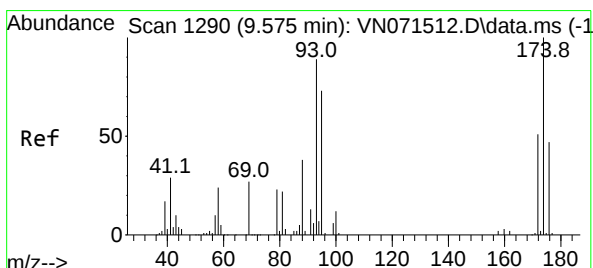
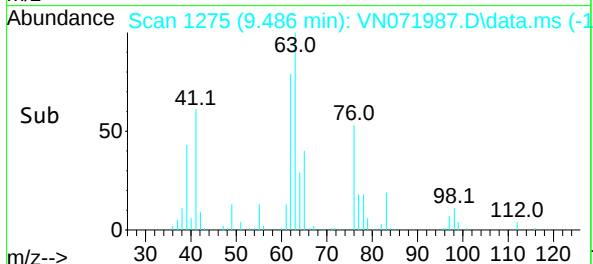
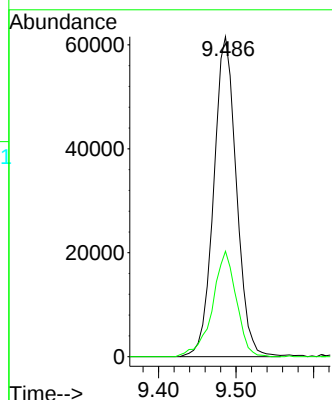
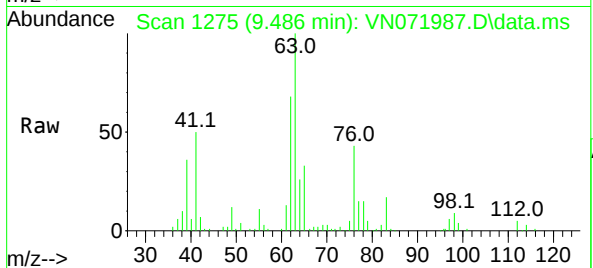
VSTDCCC020

Tgt Ion: 63 Resp: 125381

Ion Ratio Lower Upper

63 100

65 33.0 24.2 36.4



#40

Dibromomethane

Concen: 19.992 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

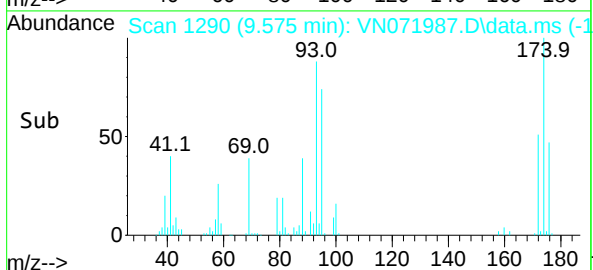
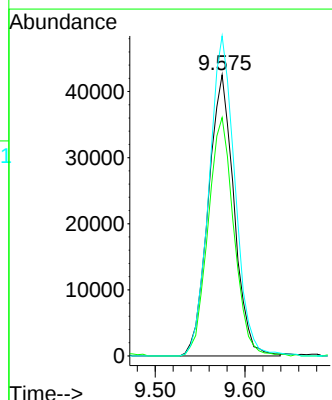
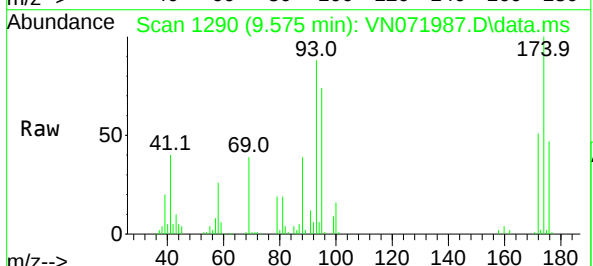
Tgt Ion: 93 Resp: 84850

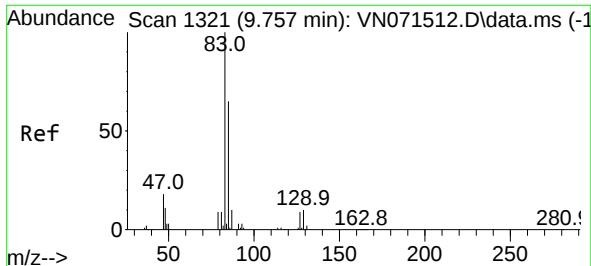
Ion Ratio Lower Upper

93 100

95 84.7 0.0 168.8

174 114.4 0.0 173.6

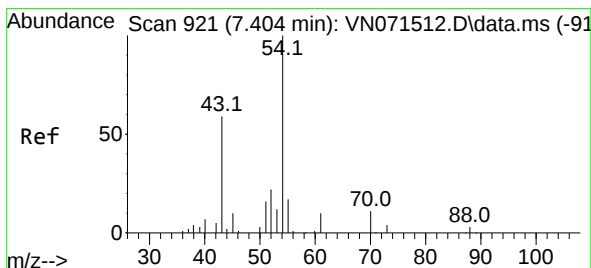
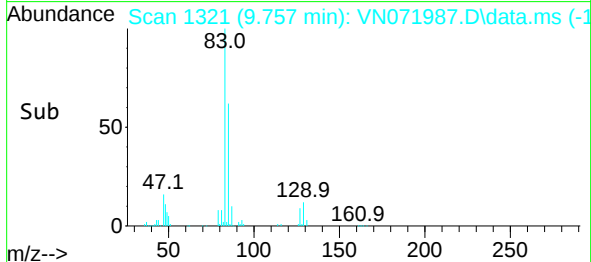
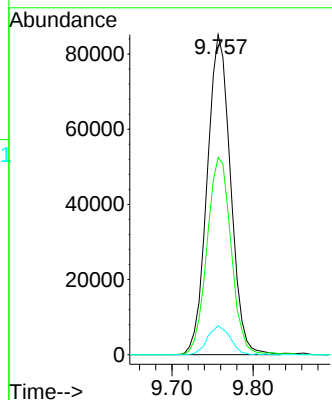
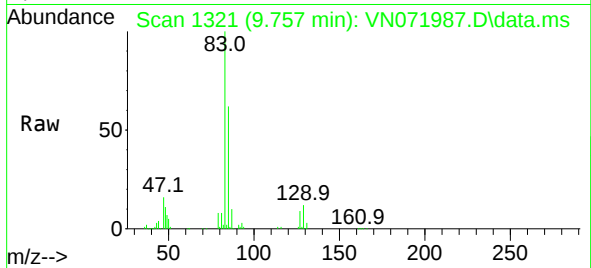




#41
Bromodichloromethane
Concen: 20.082 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

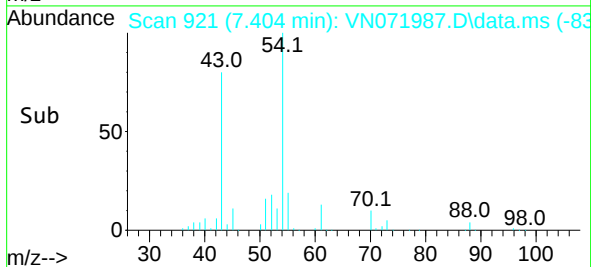
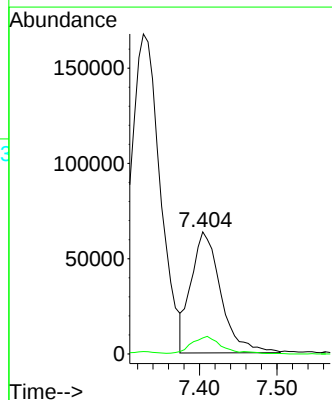
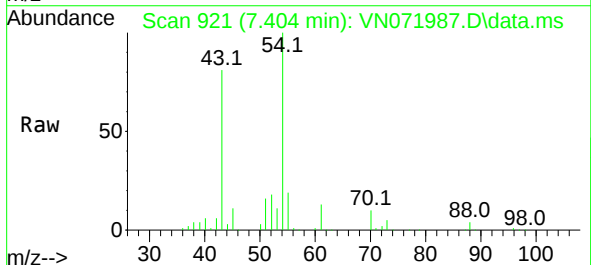
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

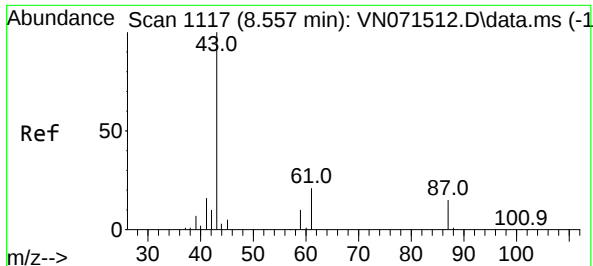
Tgt Ion: 83 Resp: 170553
Ion Ratio Lower Upper
83 100
85 61.5 54.1 81.1
127 9.0 7.6 11.4



#43
Ethyl Acetate
Concen: 19.423 ug/l
RT: 7.404 min Scan# 921
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 43 Resp: 169121
Ion Ratio Lower Upper
43 100
45 13.6 10.6 16.0

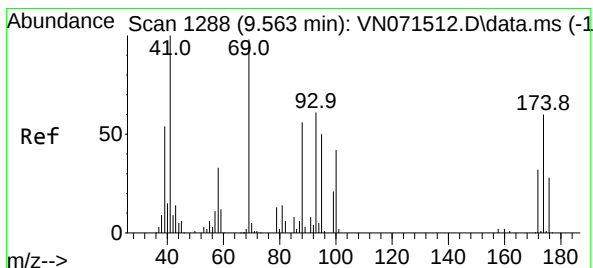
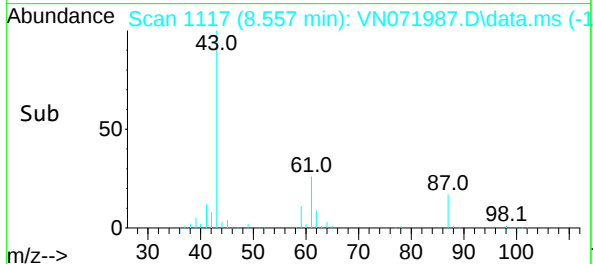
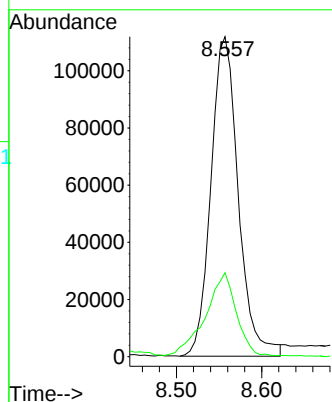
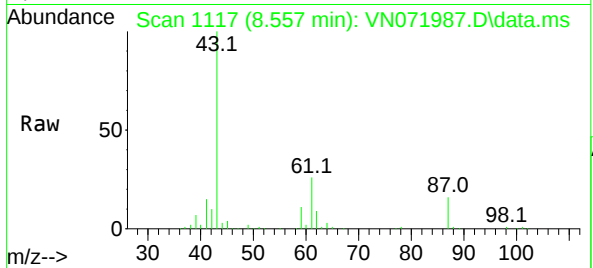




#44
Isopropyl Acetate
Concen: 17.867 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

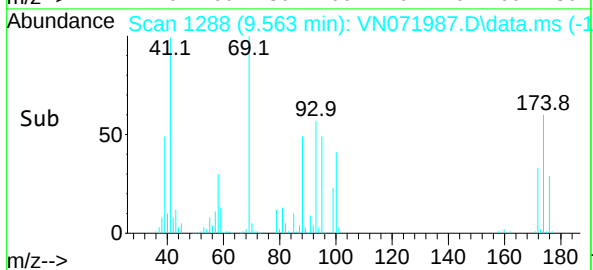
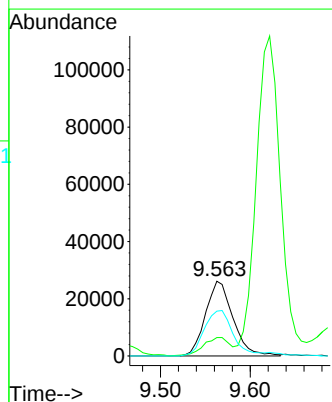
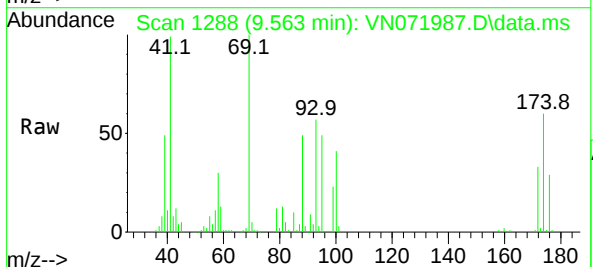
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

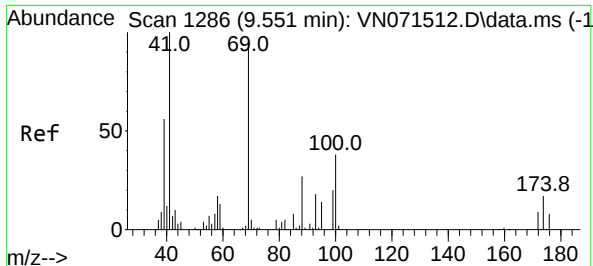
Tgt Ion: 43 Resp: 249513
Ion Ratio Lower Upper
43 100
61 29.1 20.1 30.1



#45
1,4-Dioxane
Concen: 394.419 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 88 Resp: 55572
Ion Ratio Lower Upper
88 100
43 23.5 25.0 37.6#
58 63.7 49.4 74.2





#46

Methyl methacrylate

Concen: 19.308 ug/l

RT: 9.557 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

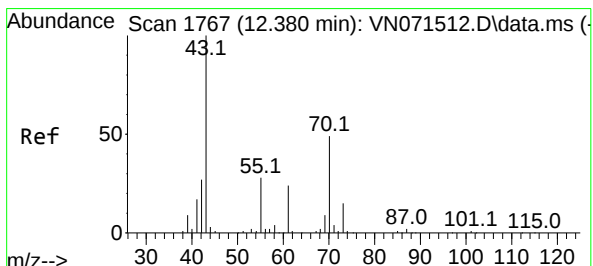
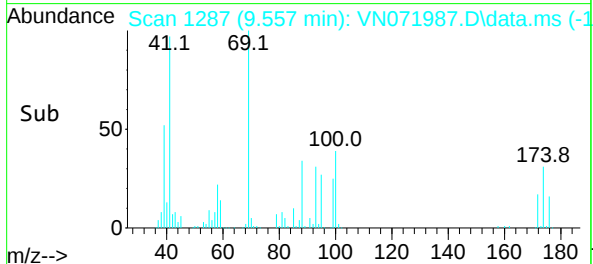
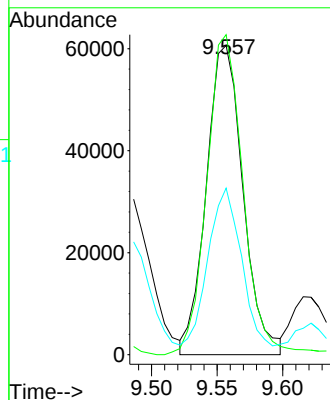
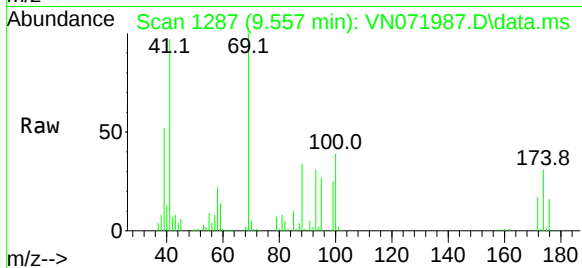
Tgt Ion: 41 Resp: 118240

Ion Ratio Lower Upper

41 100

69 106.4 44.4 133.2

39 53.2 39.9 119.6



#47

n-amy1 Acetate

Concen: 16.646 ug/l

RT: 12.386 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VN071987.D

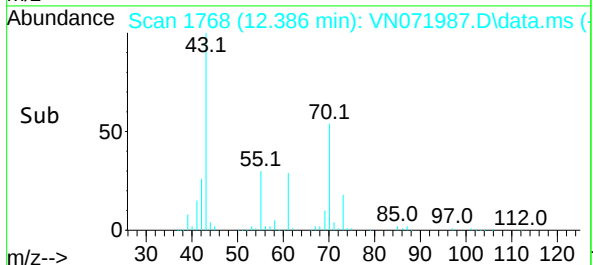
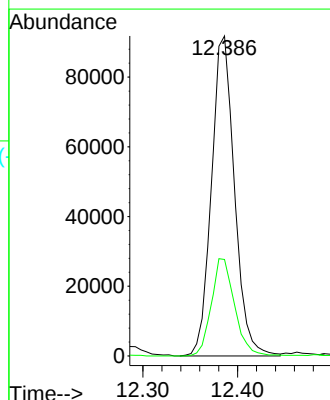
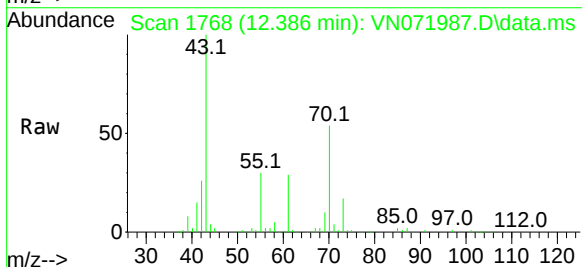
Acq: 14 Apr 2022 10:21

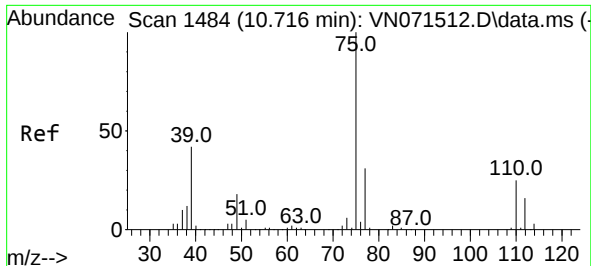
Tgt Ion: 43 Resp: 155118

Ion Ratio Lower Upper

43 100

55 30.8 19.0 28.6#





#48

t-1,3-Dichloropropene

Concen: 18.971 ug/l

RT: 10.716 min Scan# 1484

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

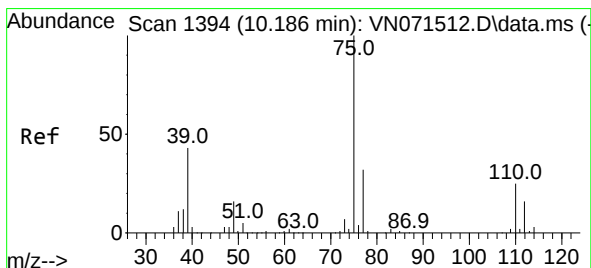
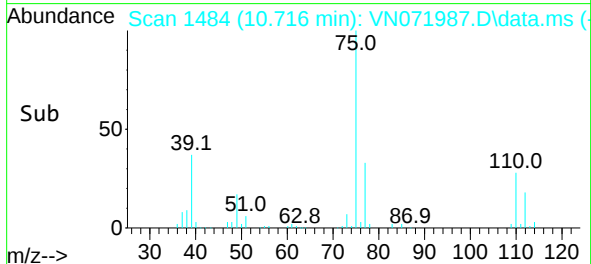
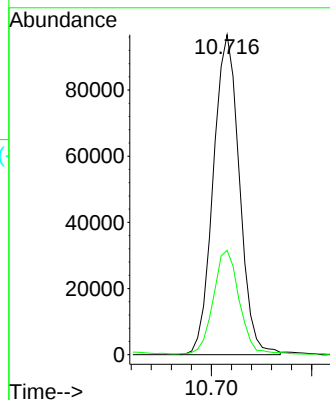
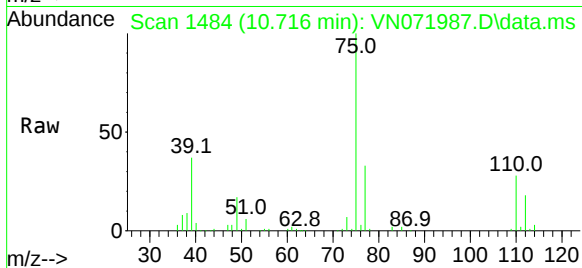
VSTDCCC020

Tgt Ion: 75 Resp: 175130

Ion Ratio Lower Upper

75 100

77 32.3 25.3 37.9



#49

cis-1,3-Dichloropropene

Concen: 19.669 ug/l

RT: 10.186 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

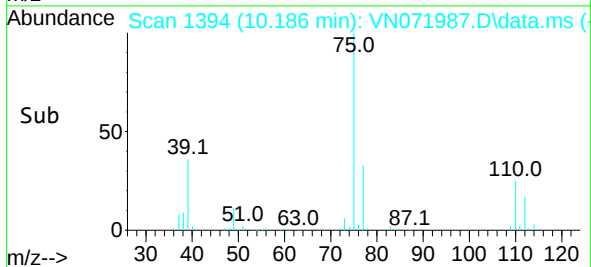
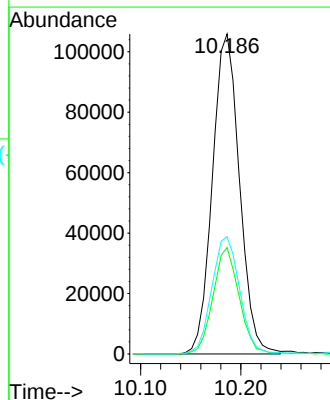
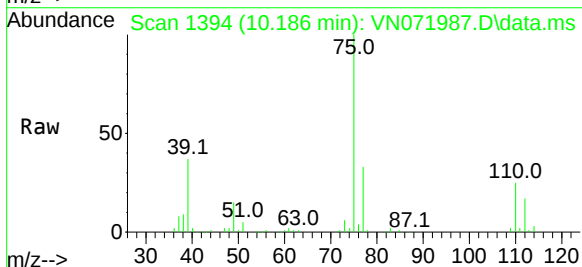
Tgt Ion: 75 Resp: 198555

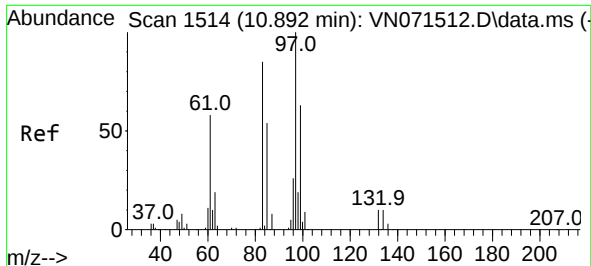
Ion Ratio Lower Upper

75 100

77 33.3 25.3 37.9

39 36.5 46.2 69.4#

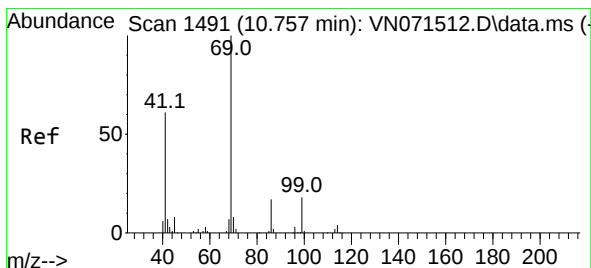
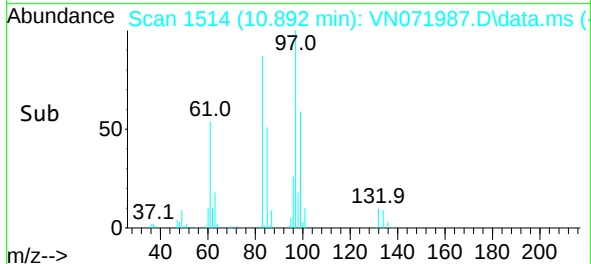
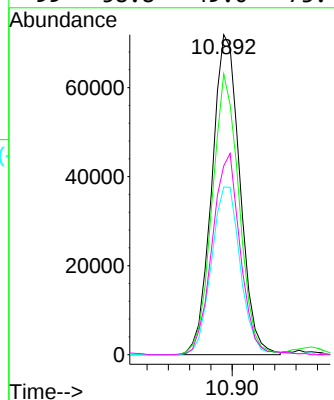
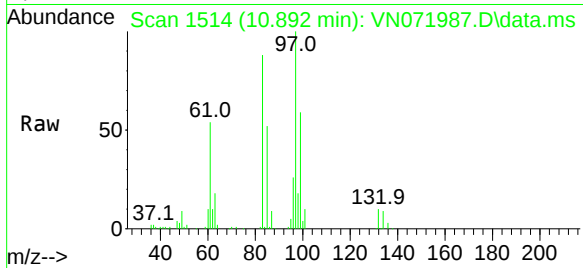




#50
1,1,2-Trichloroethane
Concen: 20.713 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

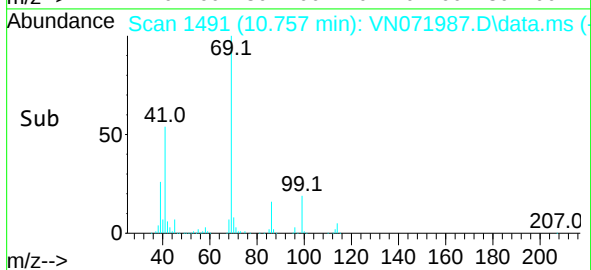
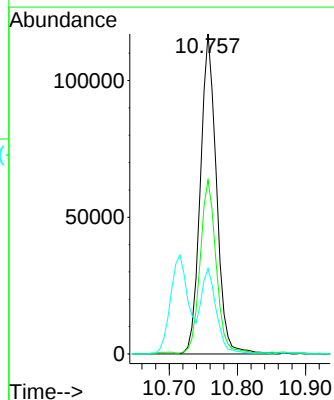
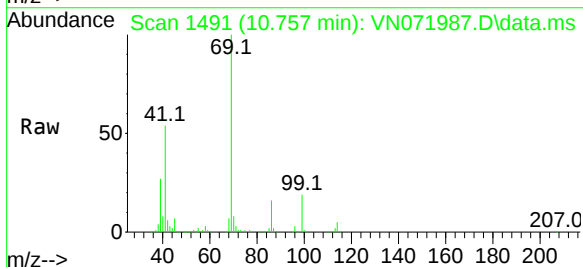
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

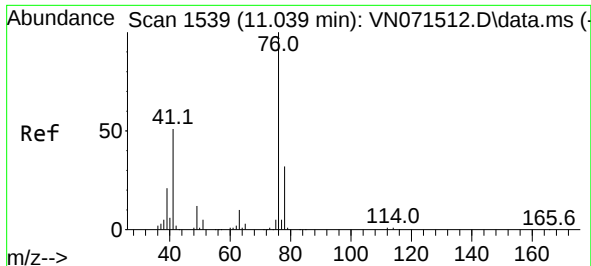
Tgt Ion:	97	Resp:	131419
Ion	Ratio	Lower	Upper
97	100		
83	87.8	67.2	100.8
85	52.4	43.0	64.4
99	58.8	49.0	73.4



#51
Ethyl methacrylate
Concen: 19.639 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:	69	Resp:	192388
Ion	Ratio	Lower	Upper
69	100		
41	54.0	33.0	98.9
39	26.4	25.4	76.4

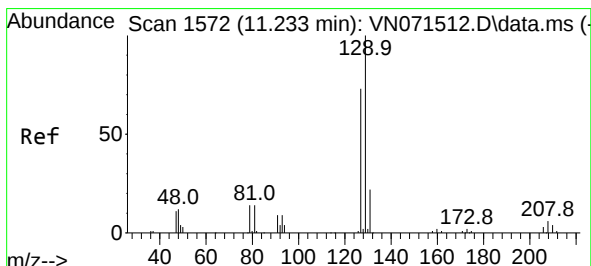
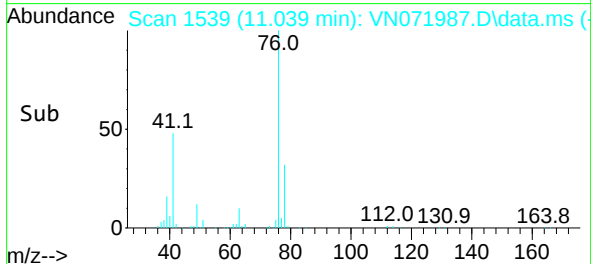
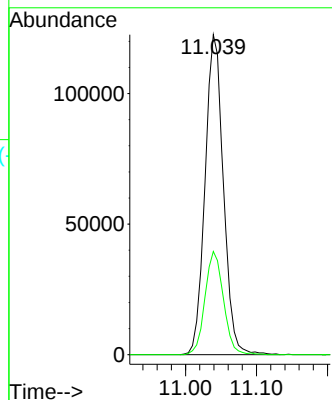
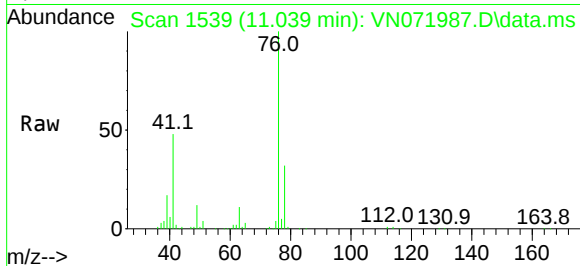




#52
1,3-Dichloropropane
Concen: 20.358 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

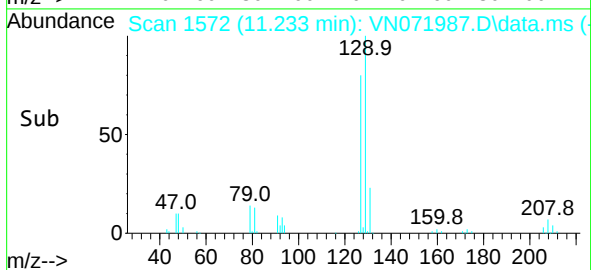
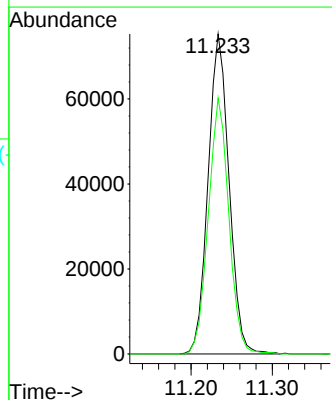
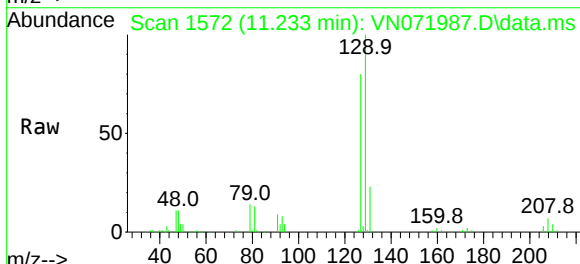
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

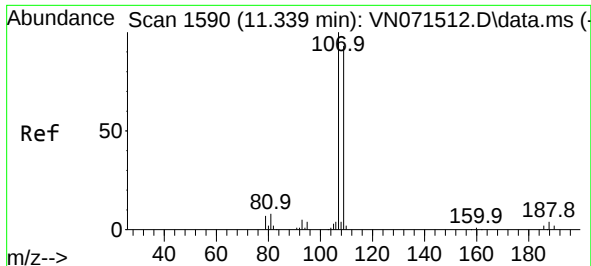
Tgt Ion: 76 Resp: 220590
Ion Ratio Lower Upper
76 100
78 32.5 0.0 65.4



#53
Dibromochloromethane
Concen: 20.559 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 129 Resp: 135029
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

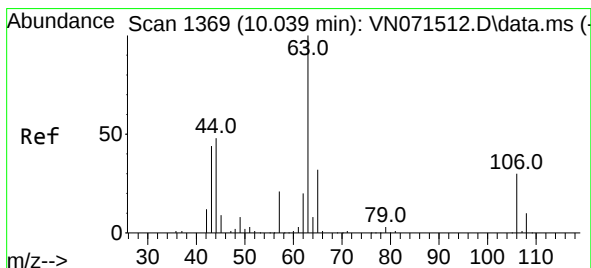
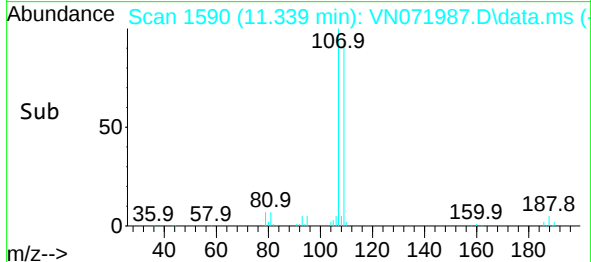
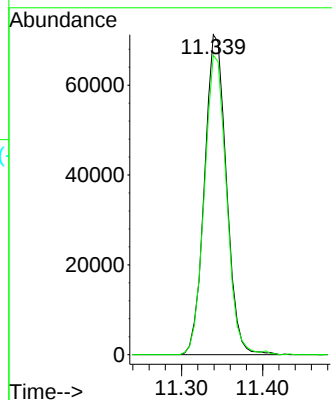
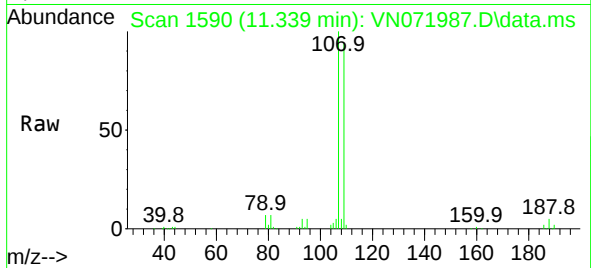




#54
1,2-Dibromoethane
Concen: 20.444 ug/l
RT: 11.339 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

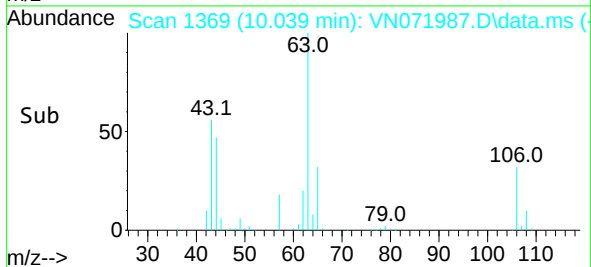
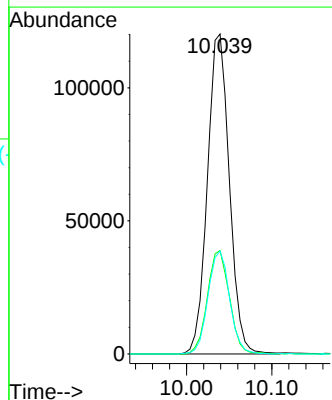
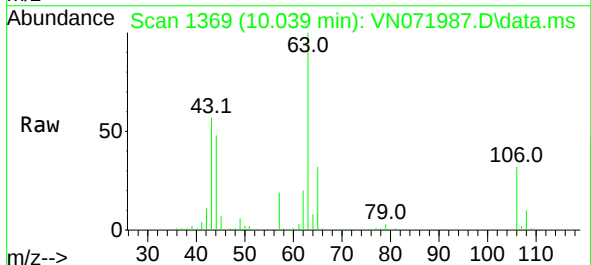
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

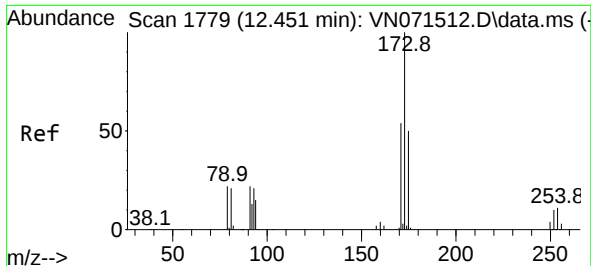
Tgt Ion:107 Resp: 133429
Ion Ratio Lower Upper
107 100
109 94.3 72.8 109.2



#55
2-Chloroethyl vinyl ether
Concen: 81.563 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 63 Resp: 215286
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 31.7 23.2 34.8

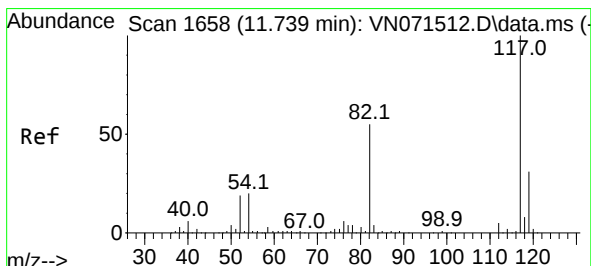
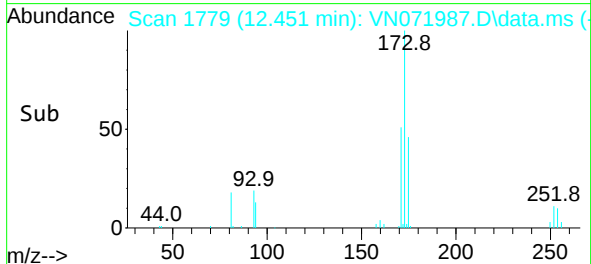
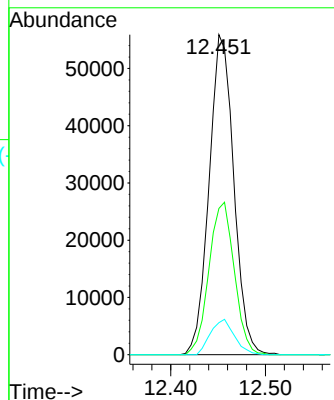
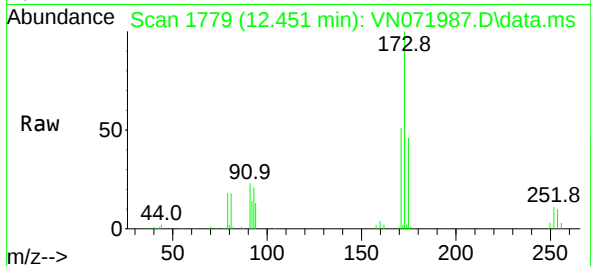




#56
Bromoform
Concen: 19.988 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

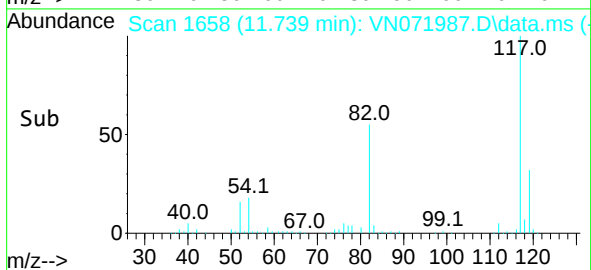
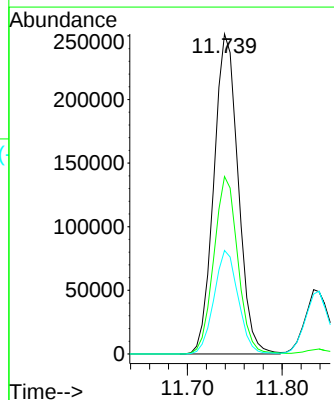
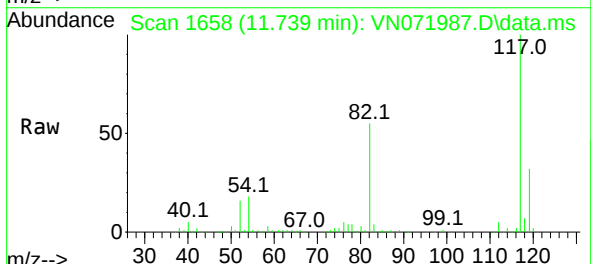
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

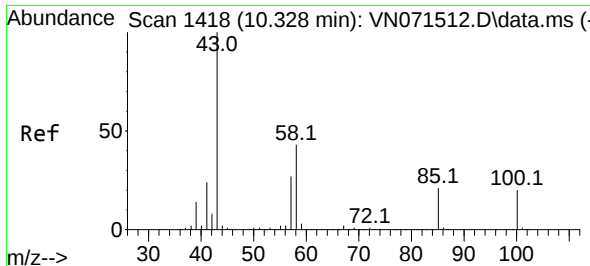
Tgt Ion:173 Resp: 101219
Ion Ratio Lower Upper
173 100
175 48.9 38.6 58.0
254 10.7 0.0 0.0#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:117 Resp: 448742
Ion Ratio Lower Upper
117 100
82 54.7 43.6 65.4
119 32.2 25.8 38.6

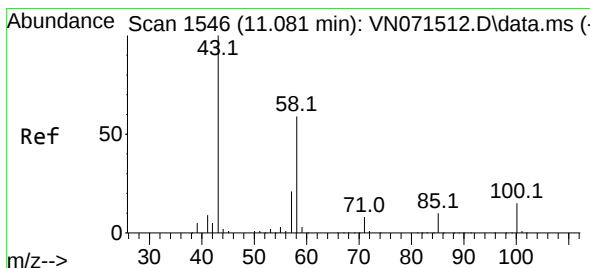
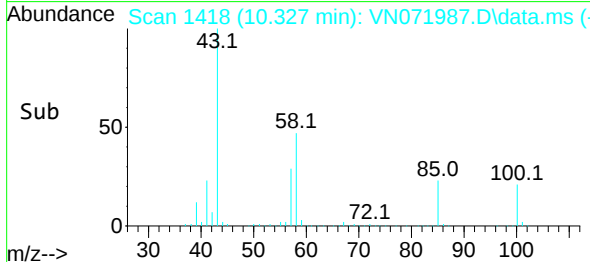
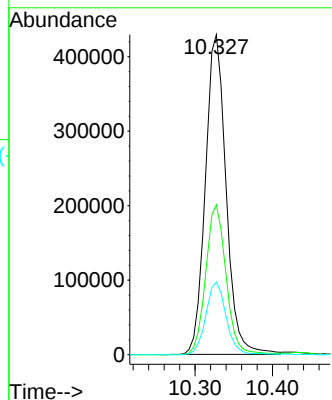
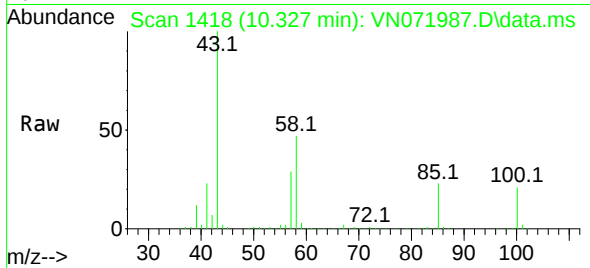




#58
4-Methyl-2-Pentanone
Concen: 93.833 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

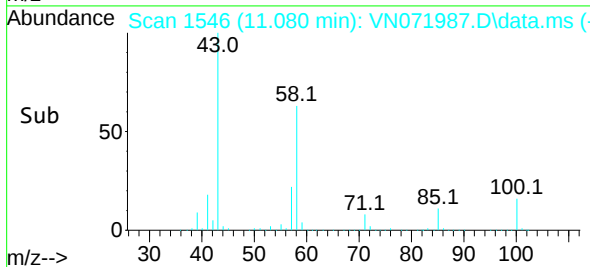
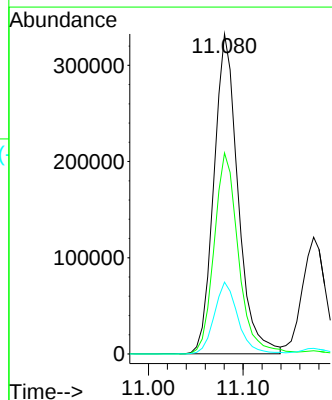
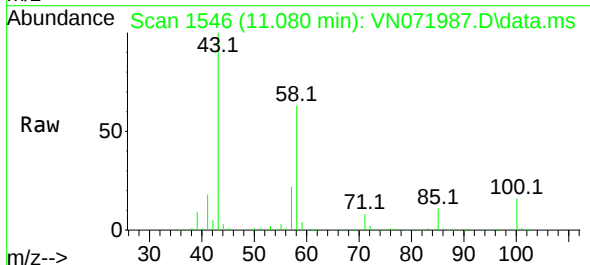
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

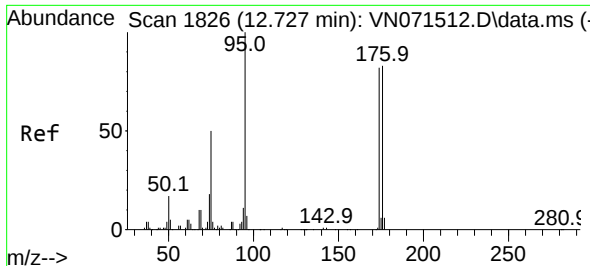
Tgt Ion: 43 Resp: 799310
Ion Ratio Lower Upper
43 100
58 46.1 30.0 45.0#
85 22.1 15.0 22.6



#59
2-Hexanone
Concen: 94.476 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 43 Resp: 587585
Ion Ratio Lower Upper
43 100
58 63.4 42.2 63.2#
57 22.2 15.0 22.4

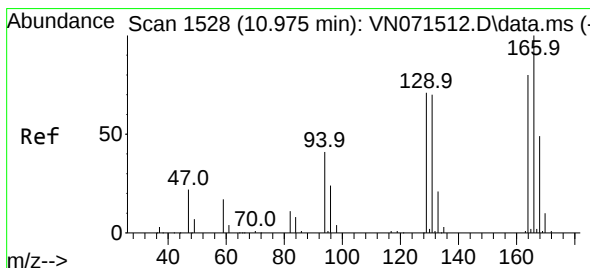
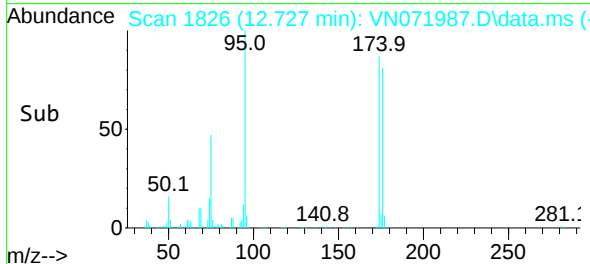
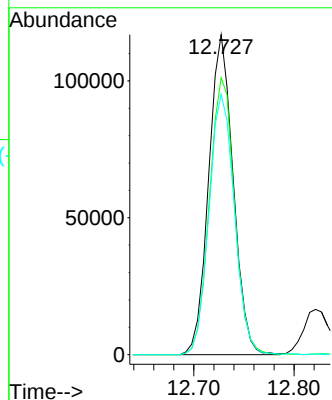
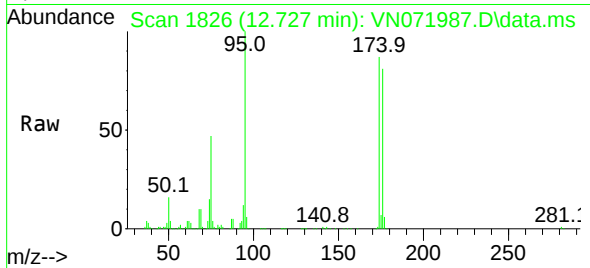




#60
4-Bromofluorobenzene
Concen: 29.823 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

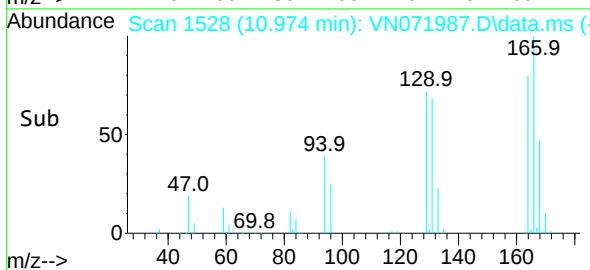
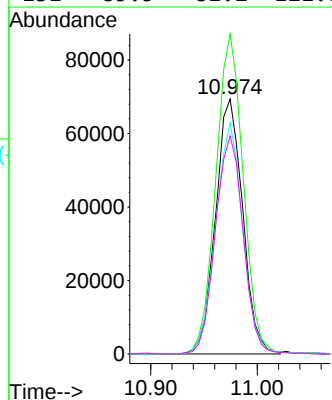
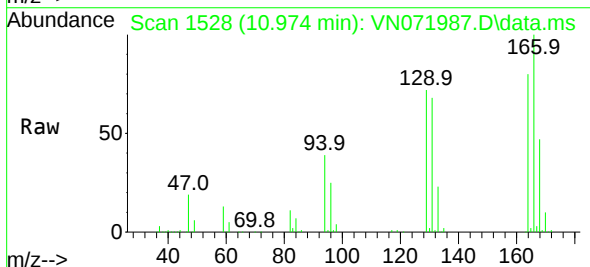
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MSVOA_N
ClientSampleId :
VSTDCCC020

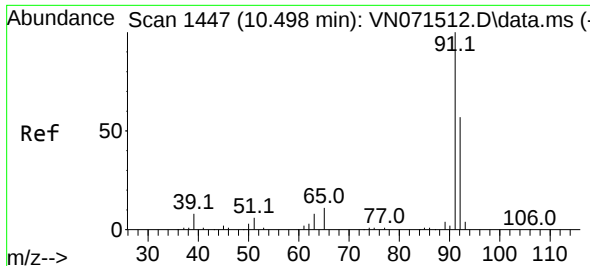
Tgt Ion: 95 Resp: 198434
Ion Ratio Lower Upper
95 100
174 88.5 62.9 94.3
176 84.5 61.0 91.4



#61
Tetrachloroethene
Concen: 22.504 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:164 Resp: 122905
Ion Ratio Lower Upper
164 100
166 125.5 105.8 158.8
129 90.5 82.5 123.7
131 85.5 81.2 121.8

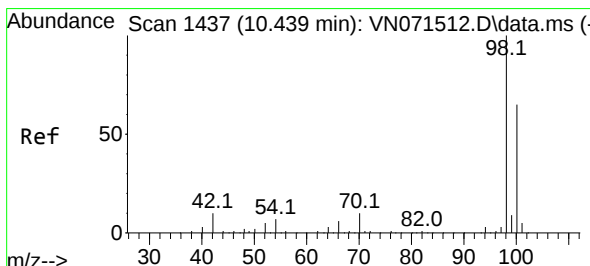
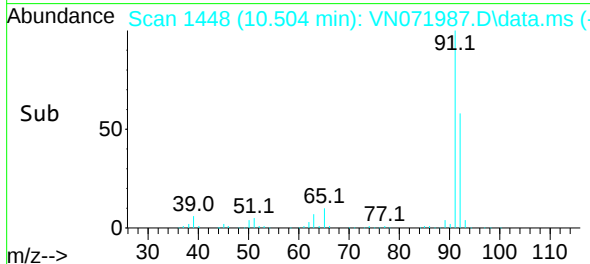
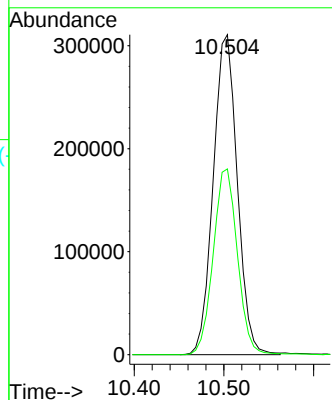
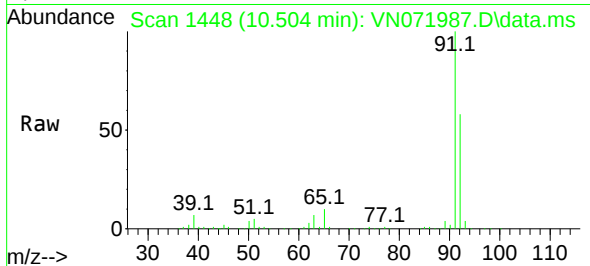




#62
Toluene
Concen: 21.271 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

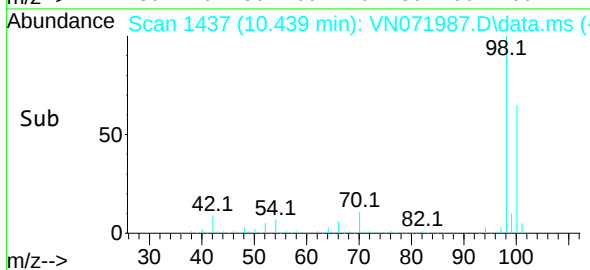
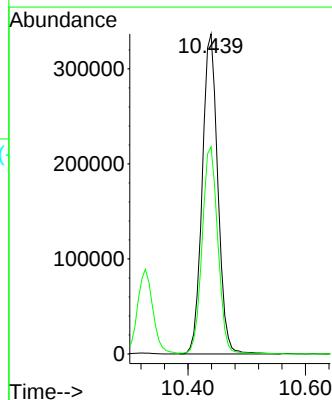
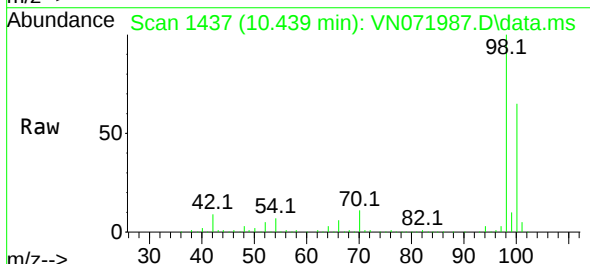
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

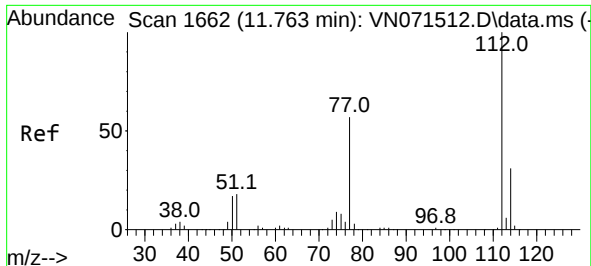
Tgt Ion: 91 Resp: 578787
Ion Ratio Lower Upper
91 100
92 58.4 44.6 67.0



#63
Toluene-d8
Concen: 30.354 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 98 Resp: 618314
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0

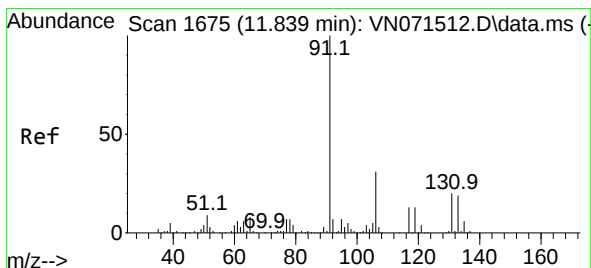
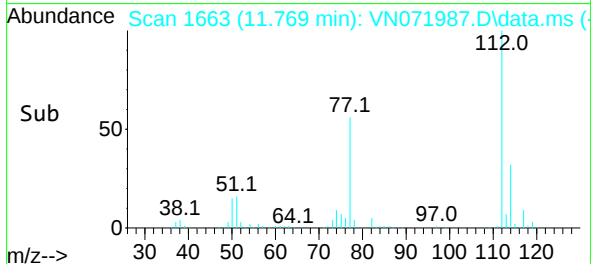
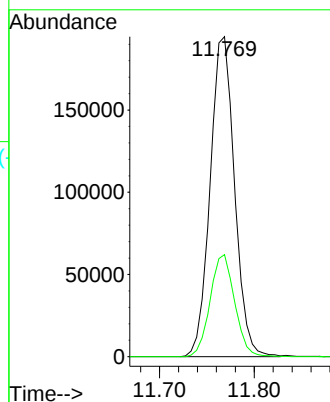
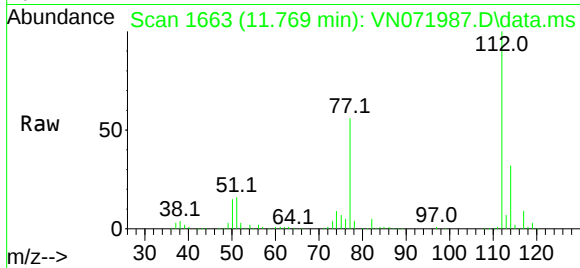




#64
Chlorobenzene
Concen: 20.720 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

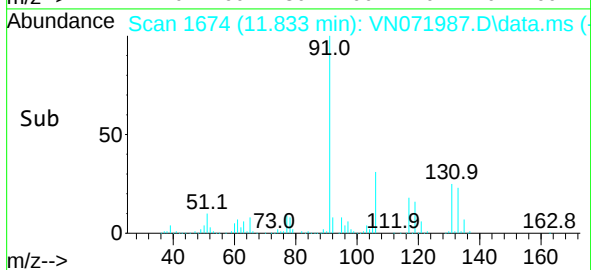
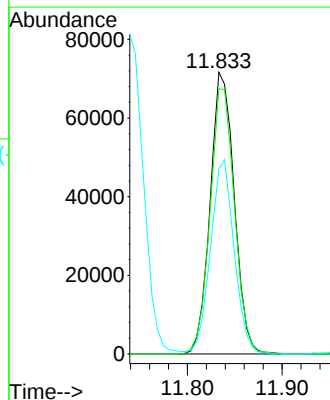
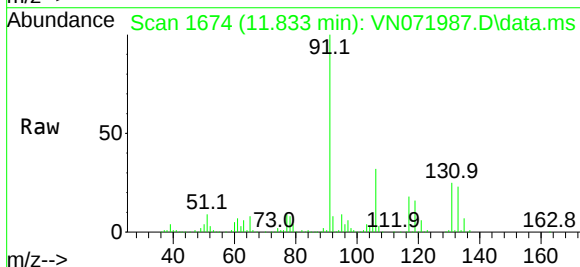
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

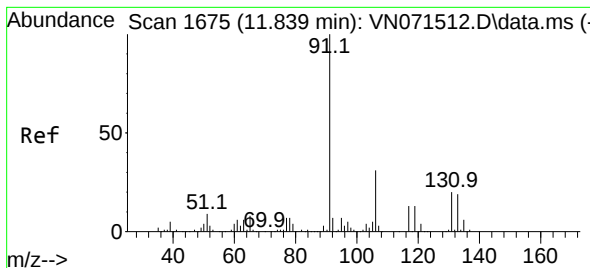
Tgt Ion:112 Resp: 347760
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.6



#65
1,1,1,2-Tetrachloroethane
Concen: 20.531 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:131 Resp: 126412
Ion Ratio Lower Upper
131 100
133 95.5 0.0 191.2
119 68.1 0.0 128.8

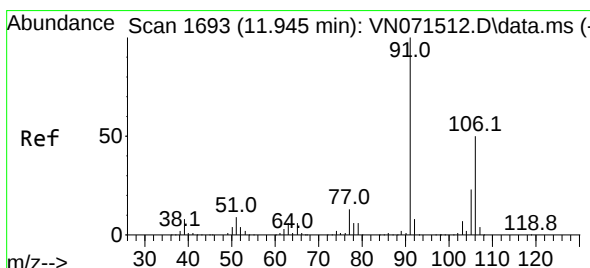
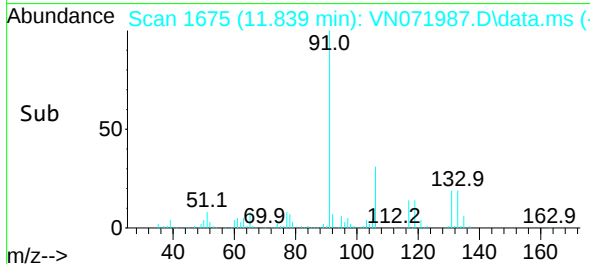
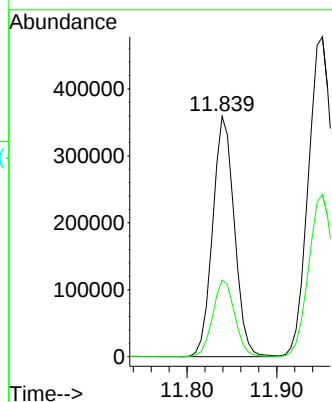
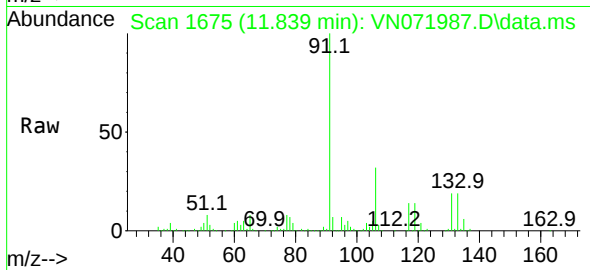




#66
Ethyl Benzene
Concen: 20.379 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

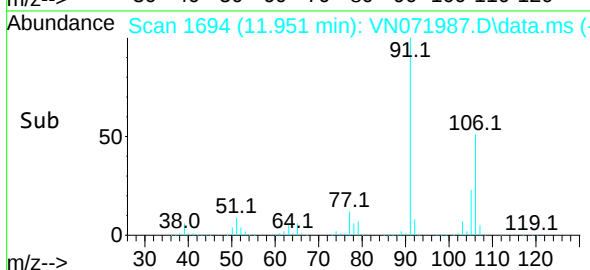
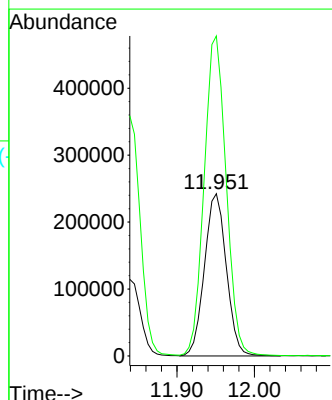
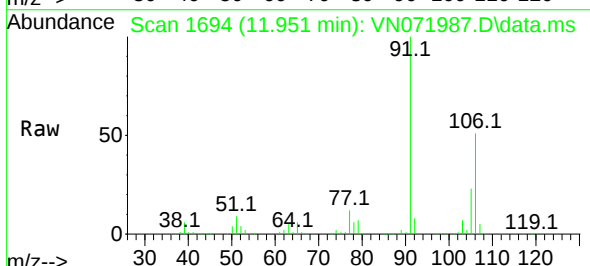
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

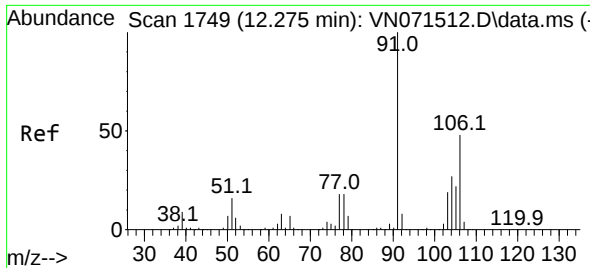
Tgt Ion: 91 Resp: 602582
Ion Ratio Lower Upper
91 100
106 31.9 24.0 36.0



#67
m/p-Xylenes
Concen: 41.385 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:106 Resp: 476063
Ion Ratio Lower Upper
106 100
91 198.3 162.9 244.3

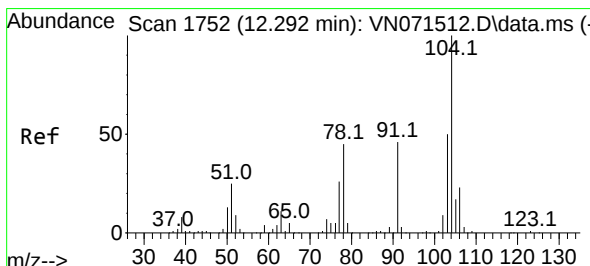
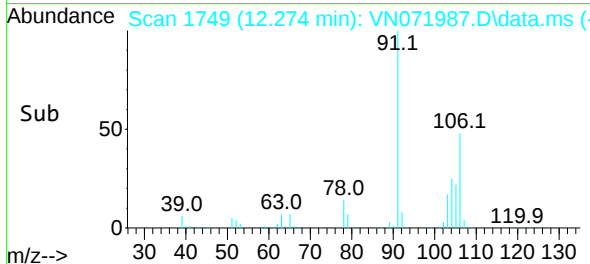
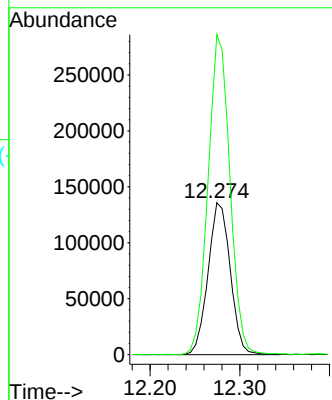
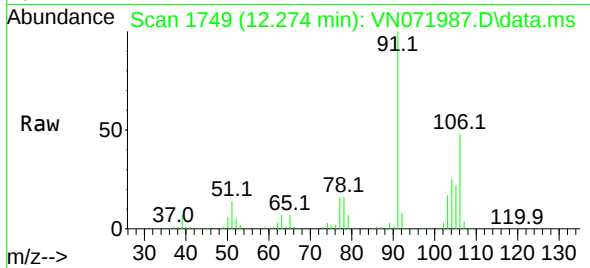




#68
o-Xylene
Concen: 20.456 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

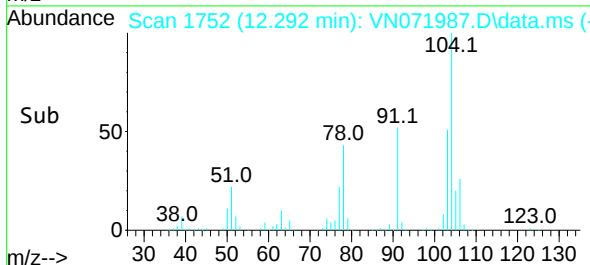
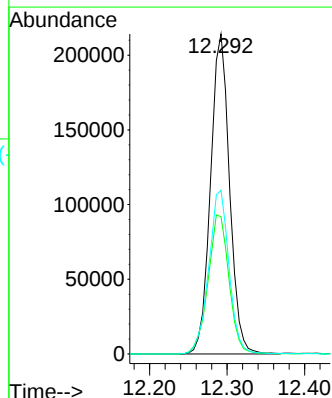
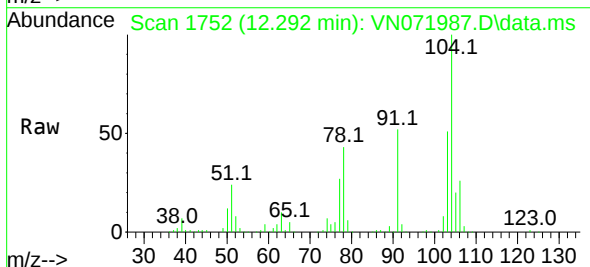
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

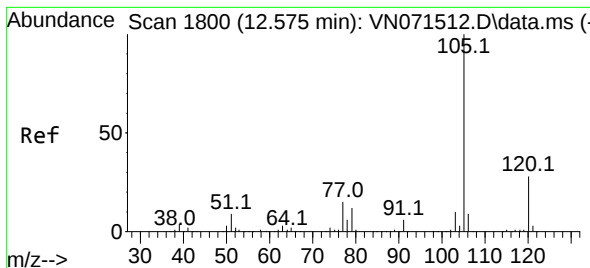
Tgt Ion:106 Resp: 233884
Ion Ratio Lower Upper
106 100
91 207.5 107.7 323.1



#69
Styrene
Concen: 20.277 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:104 Resp: 364865
Ion Ratio Lower Upper
104 100
78 47.9 40.7 61.1
103 54.7 45.8 68.8





#70

Isopropylbenzene

Concen: 20.448 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

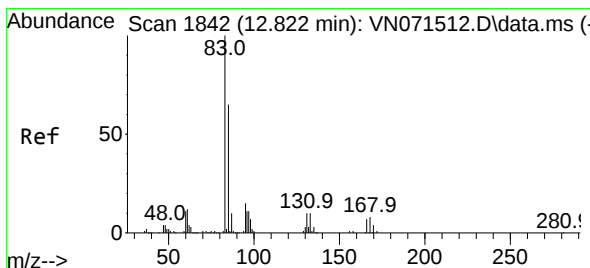
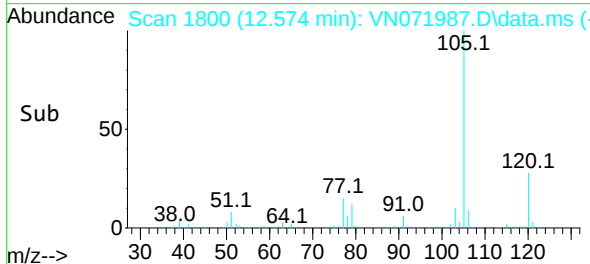
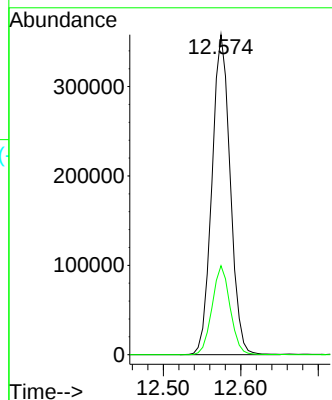
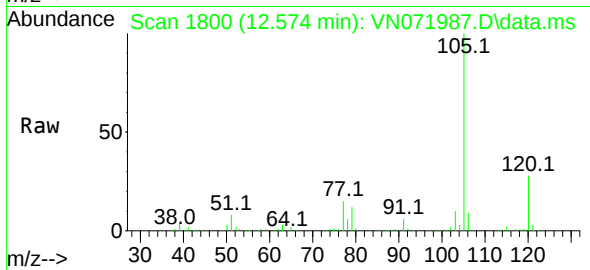
VSTDCCC020

Tgt Ion:105 Resp: 586789

Ion Ratio Lower Upper

105 100

120 27.3 18.3 34.1



#71

1,1,2,2-Tetrachloroethane

Concen: 20.390 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

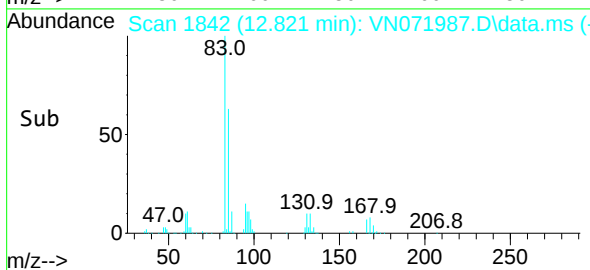
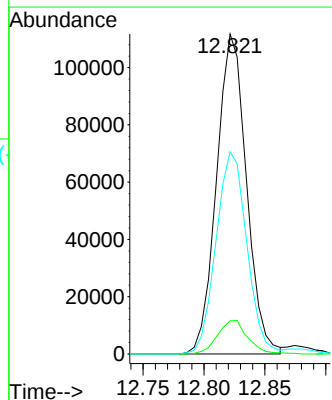
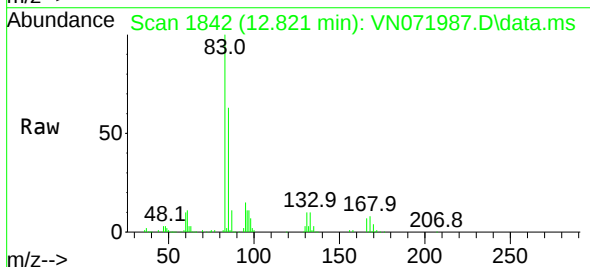
Tgt Ion: 83 Resp: 190435

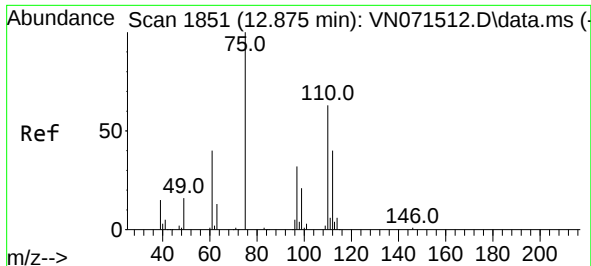
Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 65.0 33.1 99.2

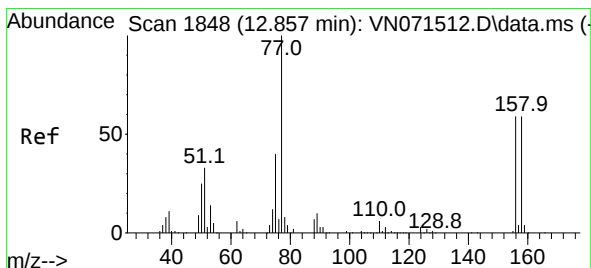
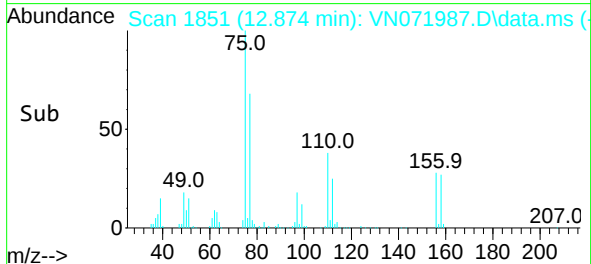
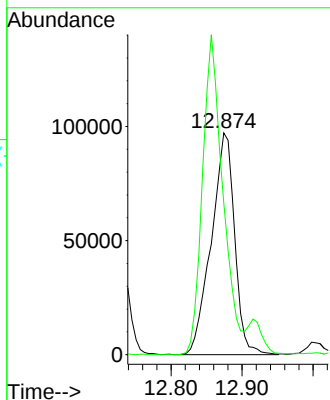
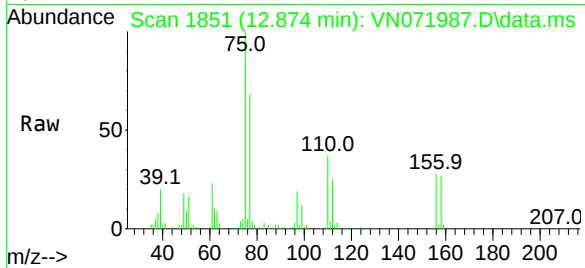




#72
1,2,3-Trichloropropane
Concen: 27.641 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

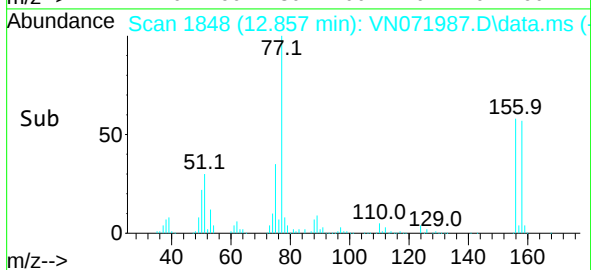
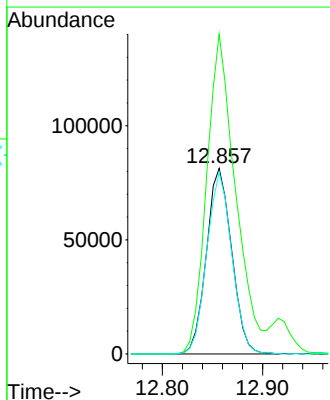
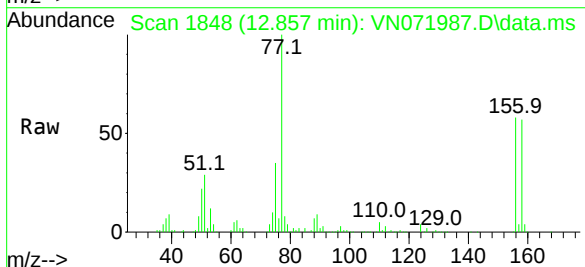
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

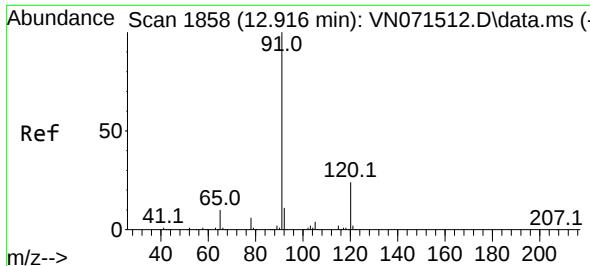
Tgt Ion: 75 Resp: 221787
Ion Ratio Lower Upper
75 100
77 126.6 0.0 378.0



#73
Bromobenzene
Concen: 20.348 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:156 Resp: 142450
Ion Ratio Lower Upper
156 100
77 197.1 0.0 416.0
158 97.1 0.0 195.4

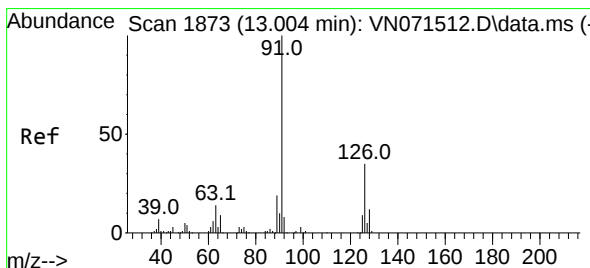
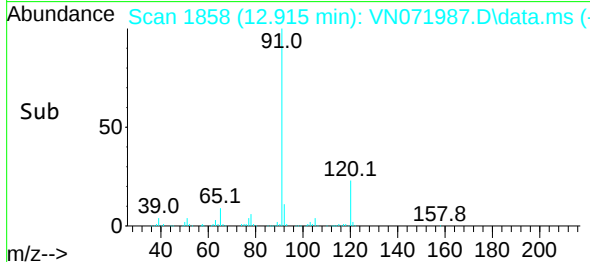
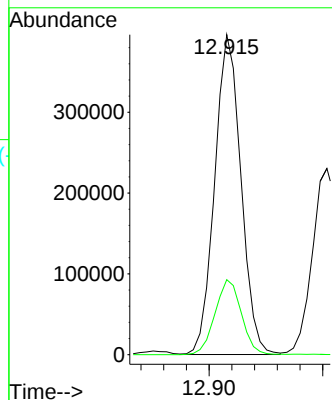
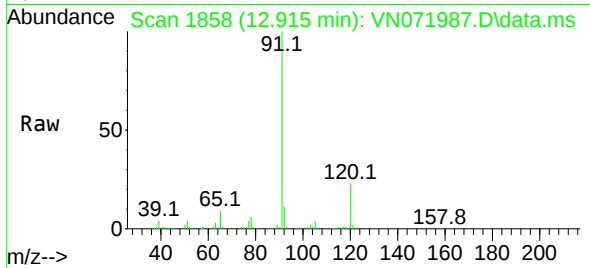




#74
n-propylbenzene
Concen: 20.306 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

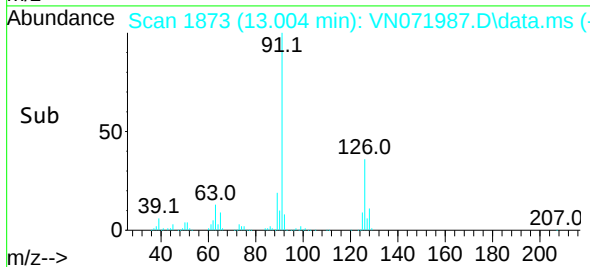
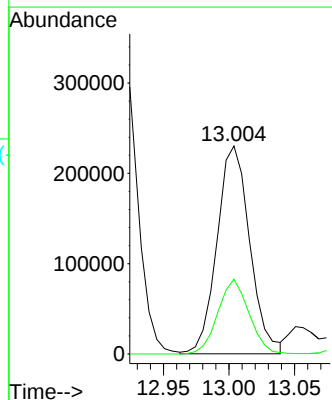
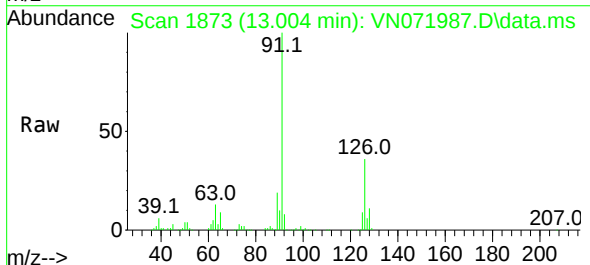
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

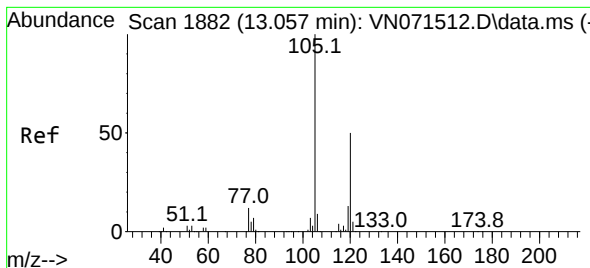
Tgt Ion: 91 Resp: 635995
Ion Ratio Lower Upper
91 100
120 23.5 0.0 45.0



#75
2-Chlorotoluene
Concen: 20.422 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 91 Resp: 399716
Ion Ratio Lower Upper
91 100
126 34.1 0.0 69.8





#76

1,3,5-Trimethylbenzene

Concen: 20.962 ug/l

RT: 13.057 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

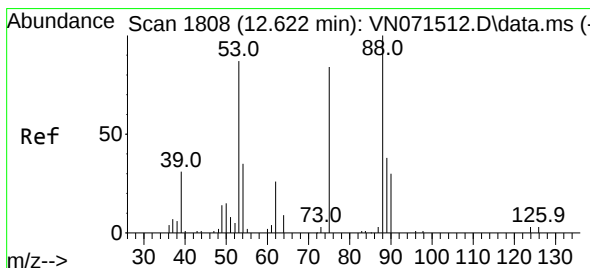
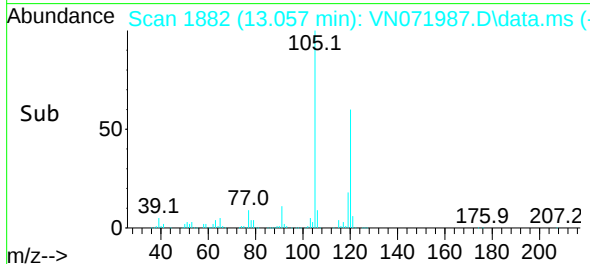
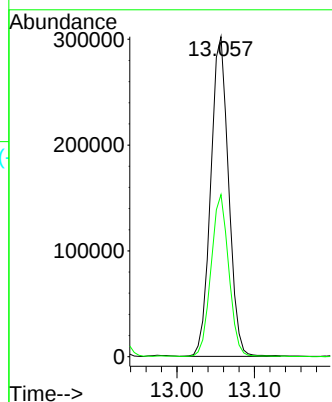
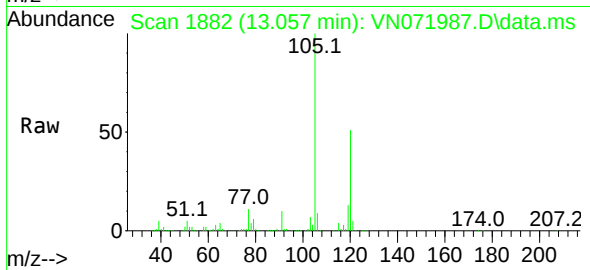
VSTDCCC020

Tgt Ion:105 Resp: 482591

Ion Ratio Lower Upper

105 100

120 50.5 0.0 93.8



#77

t-1,4-Dichloro-2-butene

Concen: 18.055 ug/l

RT: 12.621 min Scan# 1808

Delta R.T. -0.000 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

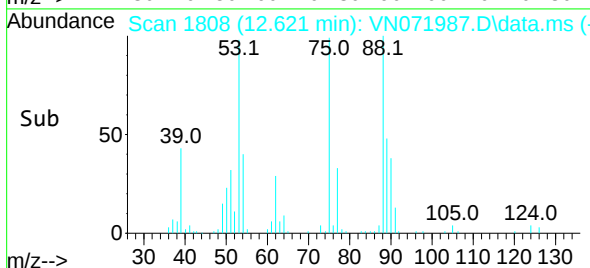
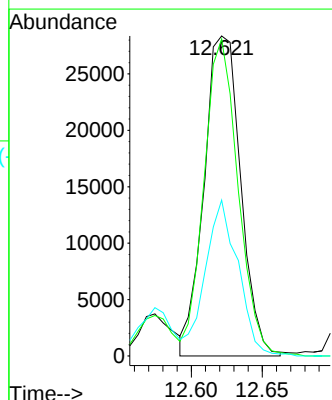
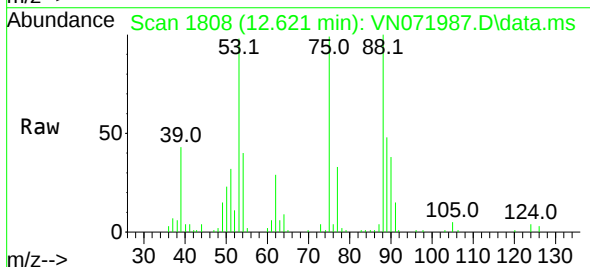
Tgt Ion: 75 Resp: 50867

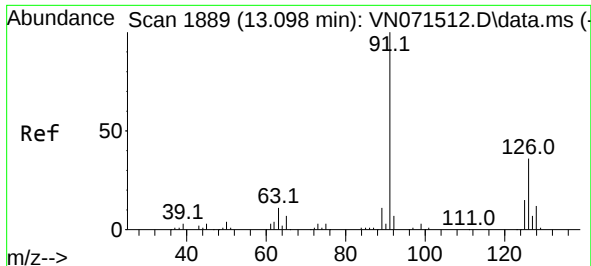
Ion Ratio Lower Upper

75 100

53 99.2 51.8 155.5

89 48.7 22.9 68.7

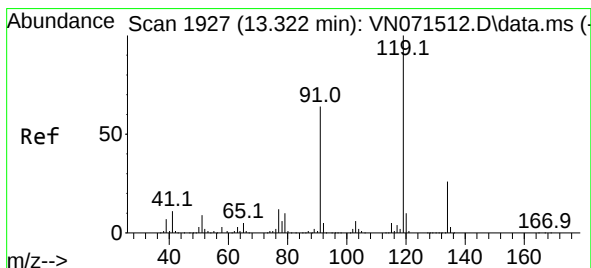
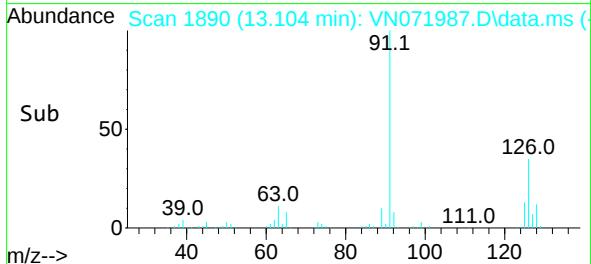
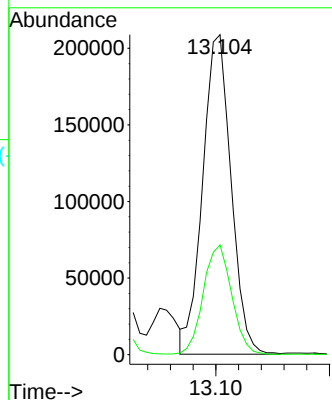
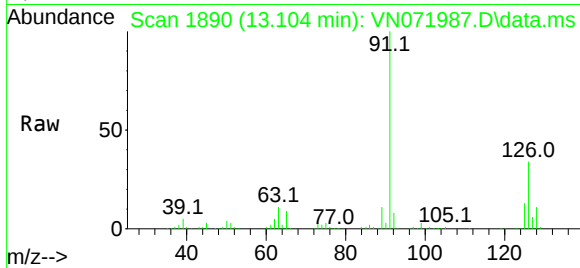




#78
4-Chlorotoluene
Concen: 19.772 ug/l
RT: 13.104 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

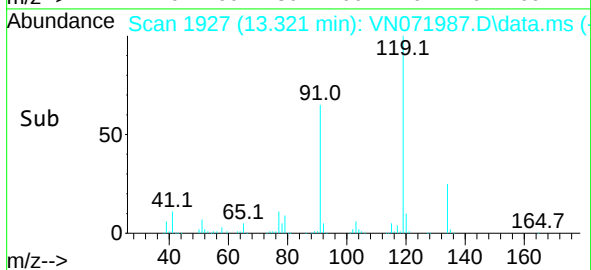
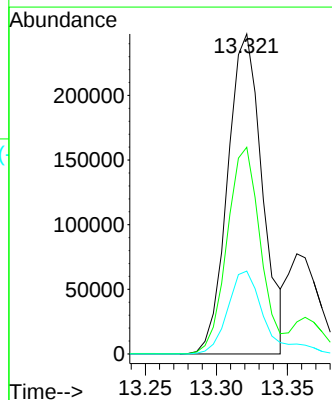
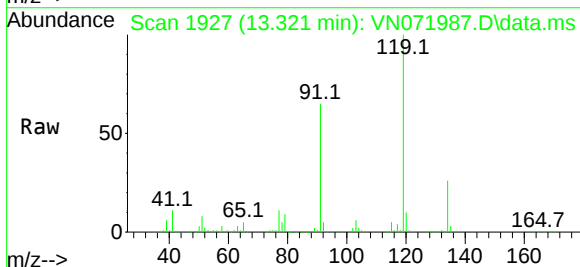
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

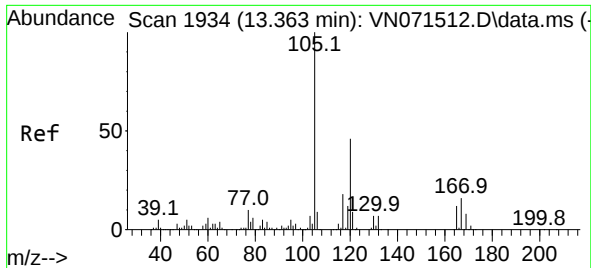
Tgt Ion: 91 Resp: 361426
Ion Ratio Lower Upper
91 100
126 34.6 0.0 70.6



#79
tert-butylbenzene
Concen: 20.291 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 119 Resp: 421553
Ion Ratio Lower Upper
119 100
91 61.5 0.0 137.0
134 27.5 0.0 47.6

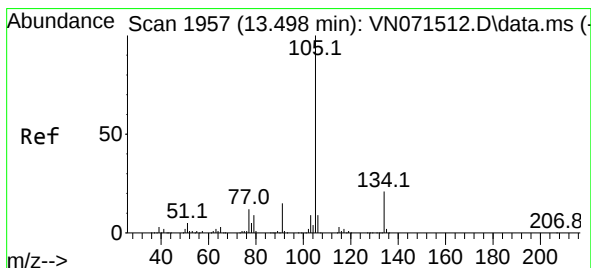
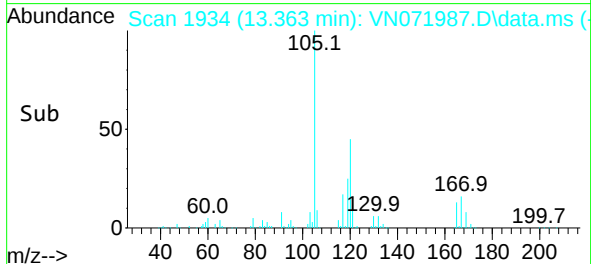
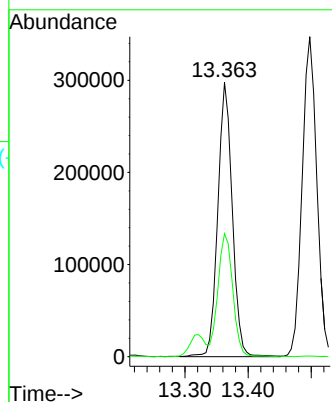
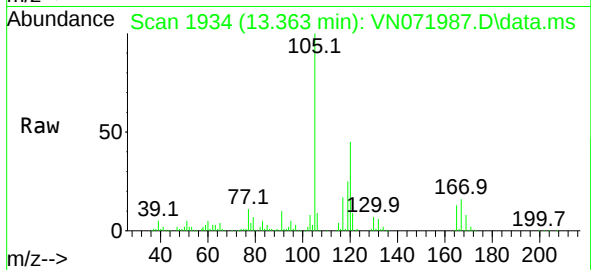




#80
1,2,4-Trimethylbenzene
Concen: 21.203 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

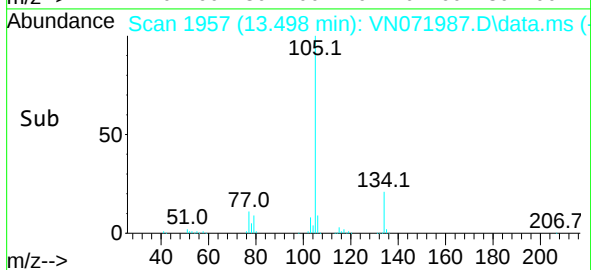
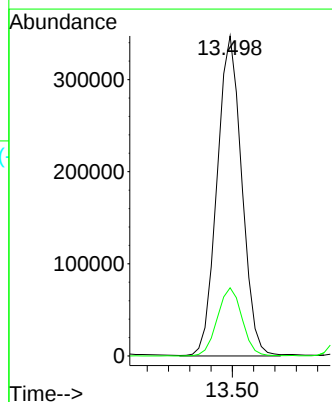
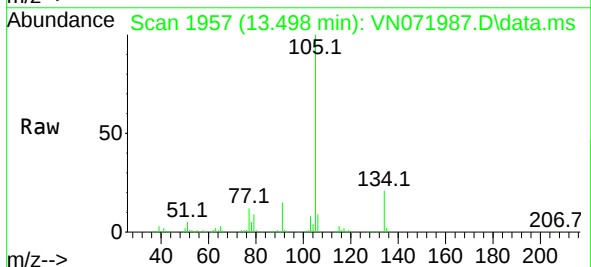
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

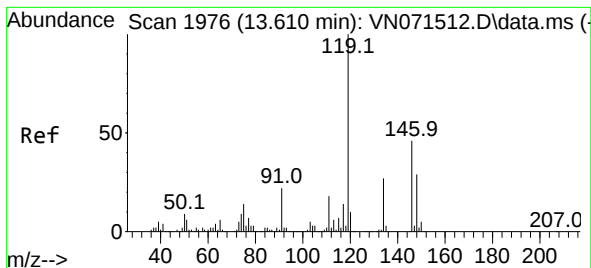
Tgt Ion:105 Resp: 473629
Ion Ratio Lower Upper
105 100
120 46.4 0.0 0.2#



#81
sec-Butylbenzene
Concen: 20.080 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:105 Resp: 560516
Ion Ratio Lower Upper
105 100
134 21.3 0.0 39.4

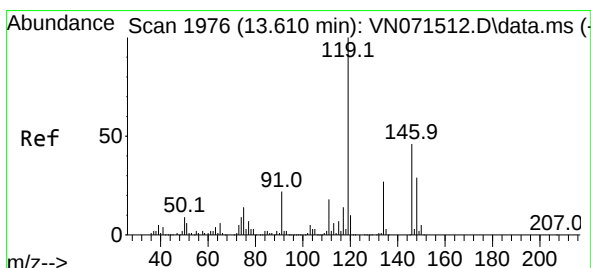
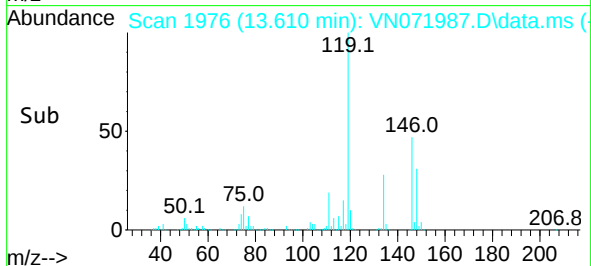
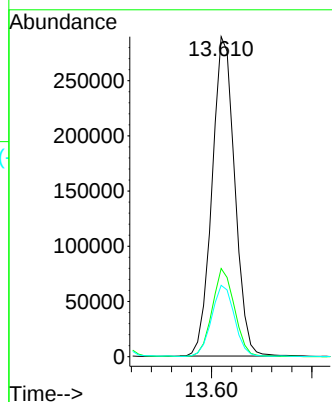
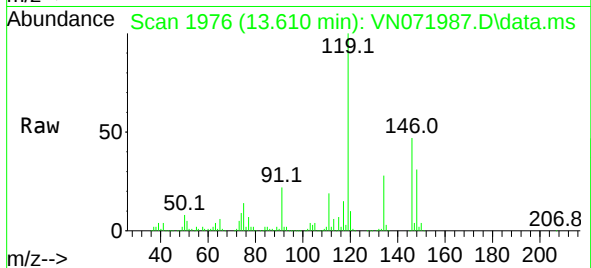




#82
 p-Isopropyltoluene
 Concen: 20.021 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

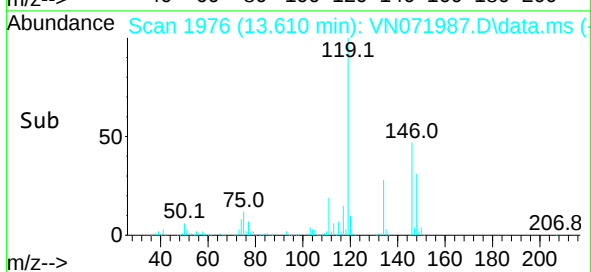
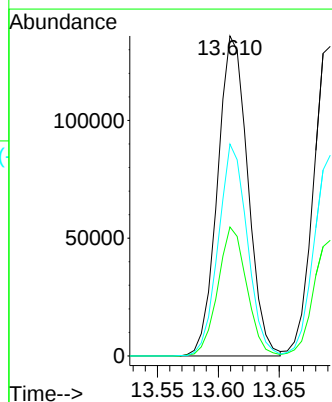
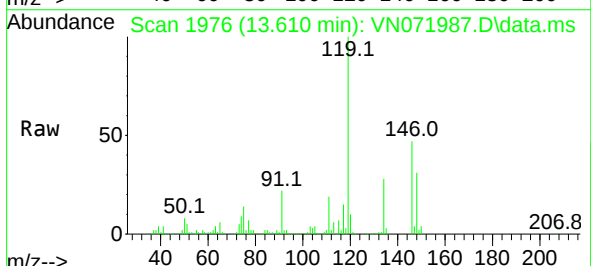
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

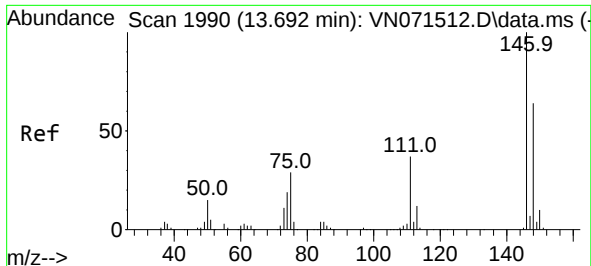
Tgt Ion:119 Resp: 454090
 Ion Ratio Lower Upper
 119 100
 134 27.3 0.0 51.8
 91 22.4 0.0 50.4



#83
 1,3-Dichlorobenzene
 Concen: 20.515 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

Tgt Ion:146 Resp: 235003
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.2
 148 63.3 31.4 94.3

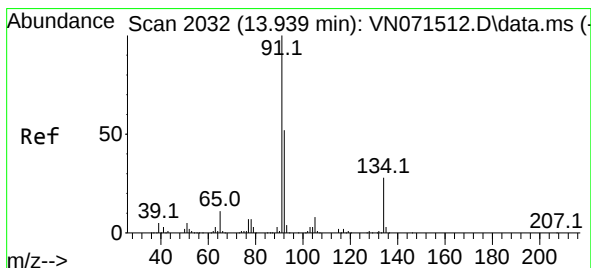
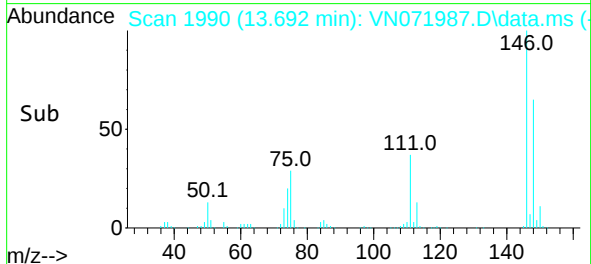
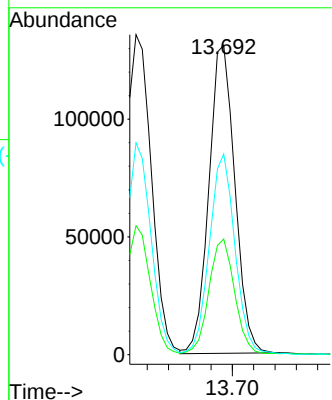
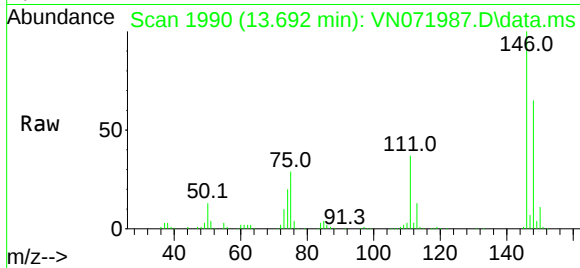




#84
1,4-Dichlorobenzene
Concen: 20.271 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

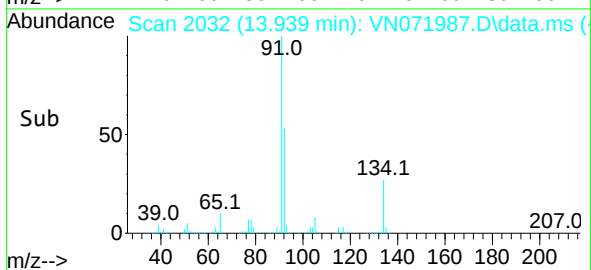
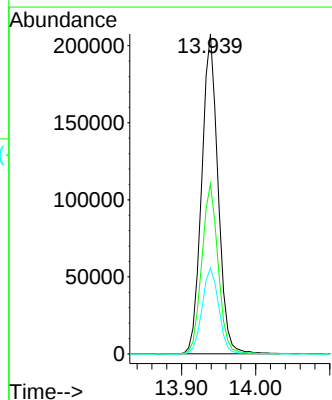
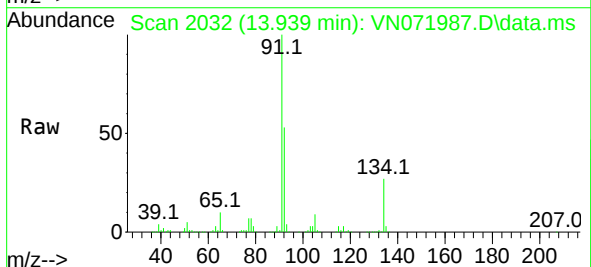
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

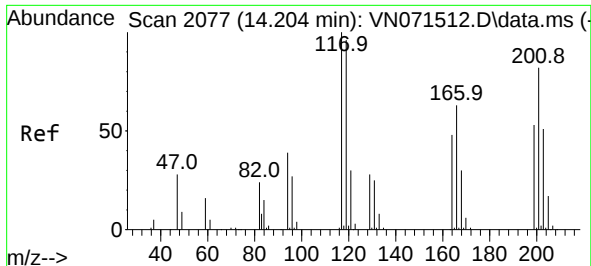
Tgt Ion:146 Resp: 221639
Ion Ratio Lower Upper
146 100
111 37.5 19.5 58.5
148 64.8 31.1 93.5



#85
n-Butylbenzene
Concen: 18.845 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion: 91 Resp: 317470
Ion Ratio Lower Upper
91 100
92 53.2 0.0 100.6
134 27.5 0.0 50.2

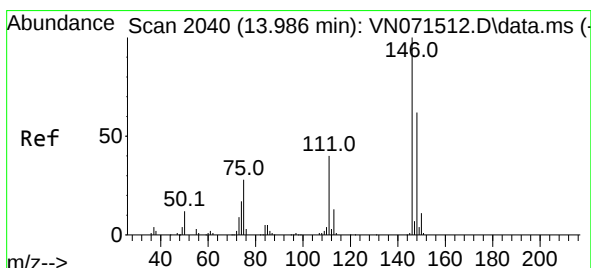
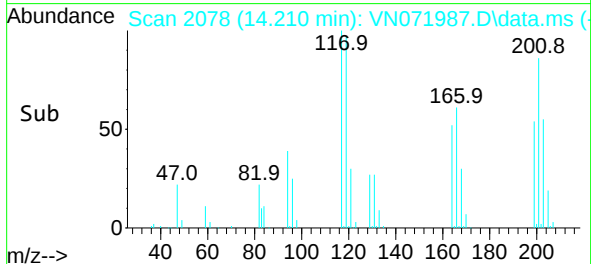
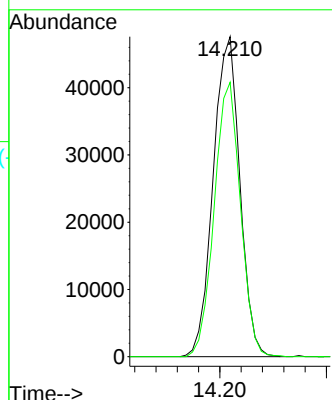
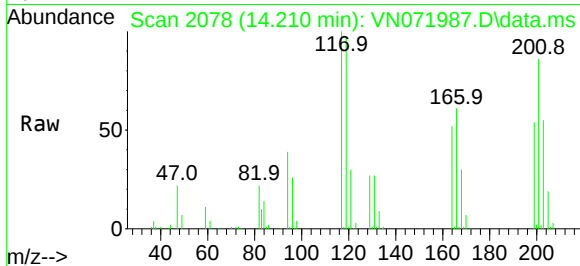




#86
Hexachloroethane
Concen: 19.492 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

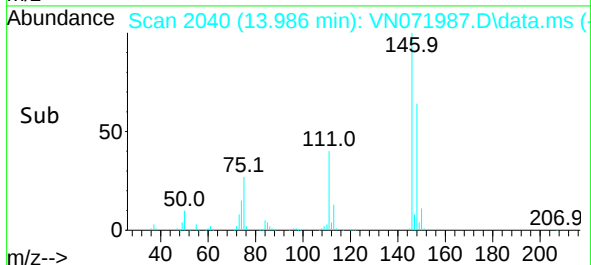
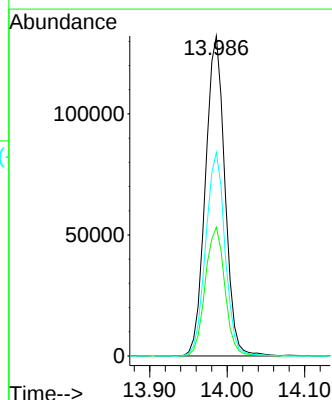
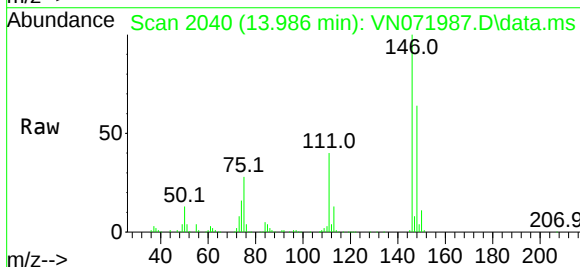
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

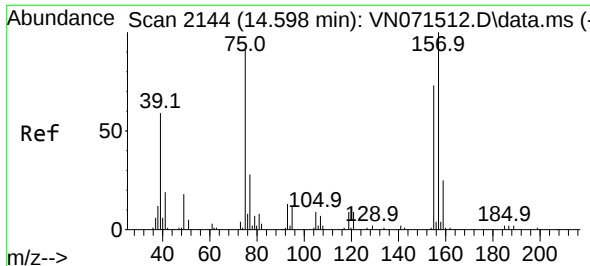
Tgt Ion:117 Resp: 82557
Ion Ratio Lower Upper
117 100
201 84.4 33.3 99.8



#87
1,2-Dichlorobenzene
Concen: 20.810 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN071987.D
Acq: 14 Apr 2022 10:21

Tgt Ion:146 Resp: 230467
Ion Ratio Lower Upper
146 100
111 40.5 21.4 64.2
148 63.4 32.5 97.4

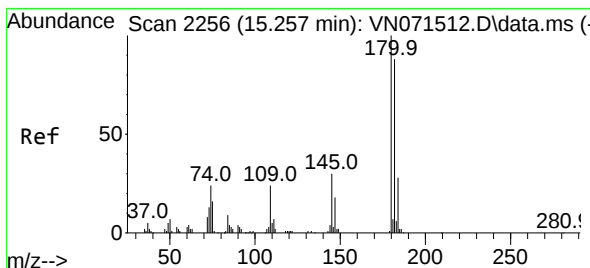
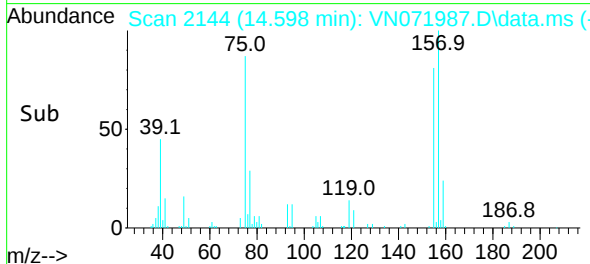
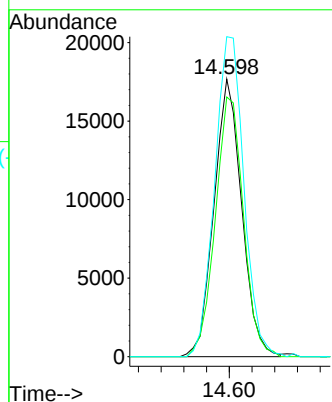
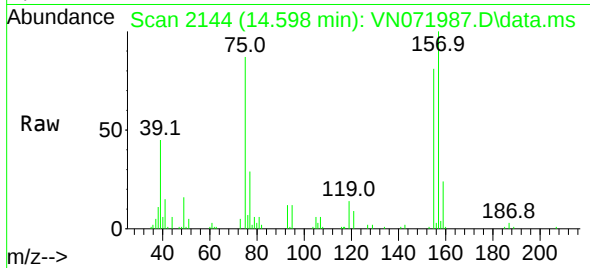




#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.025 ug/l
 RT: 14.598 min Scan# 2144
 Delta R.T. -0.000 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

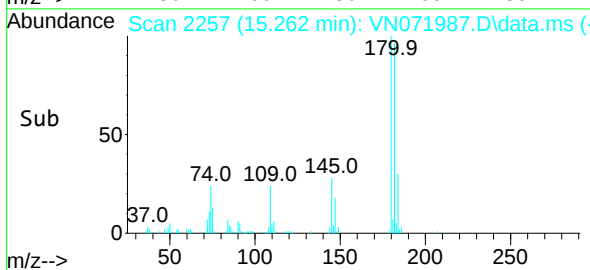
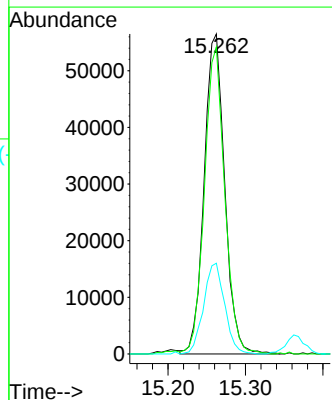
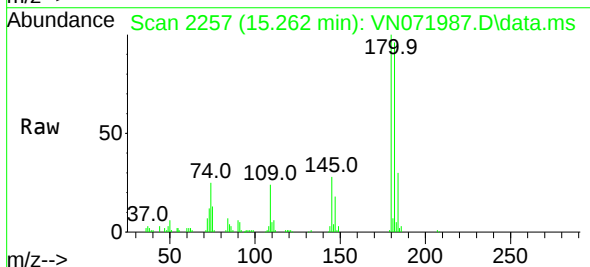
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

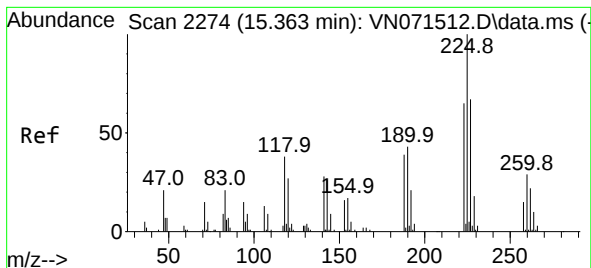
Tgt Ion: 75 Resp: 29954
 Ion Ratio Lower Upper
 75 100
 155 94.9 63.8 95.8
 157 121.5 77.9 116.9#



#89
 1,2,4-Trichlorobenzene
 Concen: 20.347 ug/l
 RT: 15.262 min Scan# 2257
 Delta R.T. 0.006 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

Tgt Ion: 180 Resp: 104160
 Ion Ratio Lower Upper
 180 100
 182 94.5 77.7 116.5
 145 29.0 26.6 39.8





#90

Hexachlorobutadiene

Concen: 22.510 ug/l

RT: 15.368 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

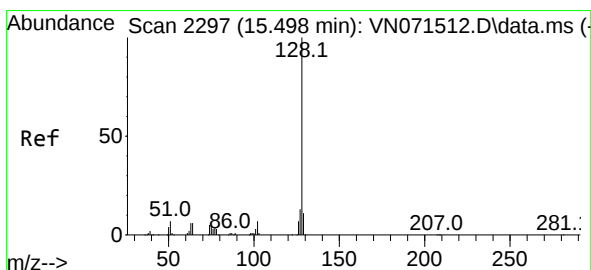
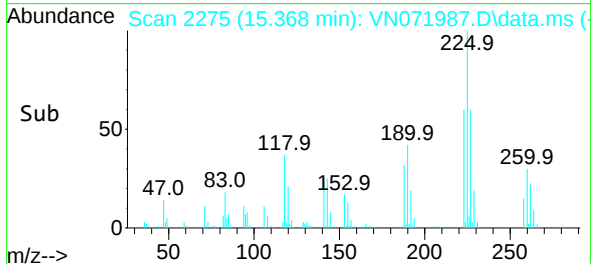
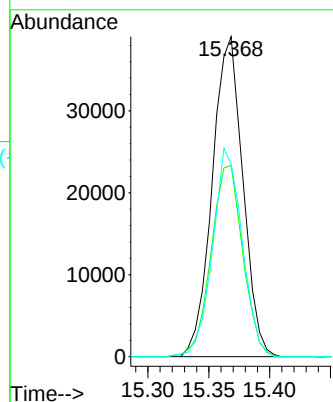
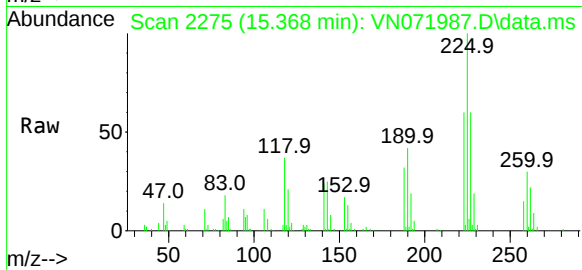
Tgt Ion:225 Resp: 68286

Ion Ratio Lower Upper

225 100

223 61.8 0.0 126.8

227 63.2 0.0 123.0



#91

Naphthalene

Concen: 20.370 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN071987.D

Acq: 14 Apr 2022 10:21

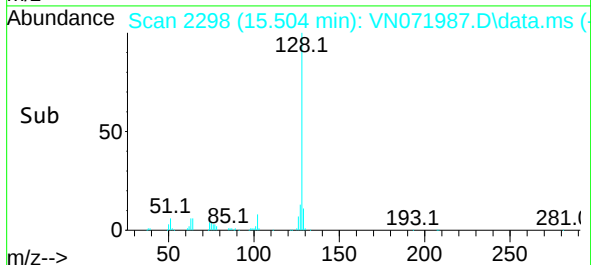
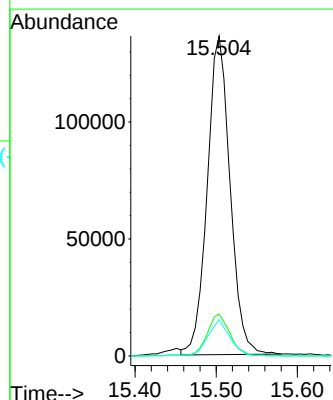
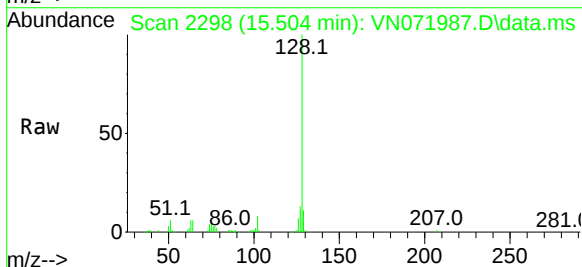
Tgt Ion:128 Resp: 266013

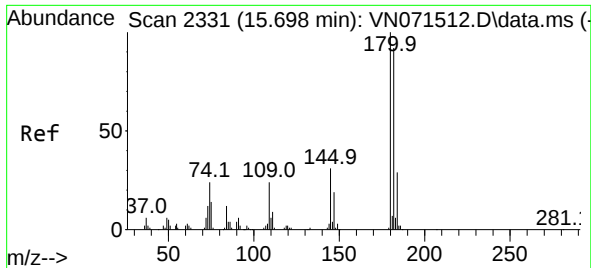
Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 9.0 13.6





#92
 1,2,3-Trichlorobenzene
 Concen: 20.715 ug/l
 RT: 15.698 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN071987.D
 Acq: 14 Apr 2022 10:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 104007
 Ion Ratio Lower Upper
 180 100
 182 95.8 0.0 190.0
 145 31.4 0.0 67.8

