

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
 Data File : VN071504.D
 Acq On : 23 Mar 2022 12:43
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020

Quant Time: Mar 23 16:51:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	139461	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	767025	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	679968	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	296563	26.784	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	89.267%#
60) 4-Bromofluorobenzene	12.727	95	301799	28.729	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	95.767%
63) Toluene-d8	10.439	98	957219	30.602	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	172704	19.152	ug/l	98
3) Chloromethane	2.299	50	201615	16.759	ug/l	96
4) Vinyl Chloride	2.440	62	227742	20.614	ug/l	98
5) Bromomethane	2.851	94	146807	26.514	ug/l	97
6) Chloroethane	3.010	64	153549	22.838	ug/l	95
7) Trichlorofluoromethane	3.375	101	259850	18.650	ug/l	95
8) Diethyl Ether	3.822	74	104913	17.335	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.210	101	159239	20.324	ug/l #	66
10) 1,1-Dichloroethene	4.181	96	152866	19.172	ug/l	98
11) Methyl Iodide	4.422	142	211089	19.226	ug/l	85
12) Methyl Acetate	4.851	43	207397	13.591	ug/l	97
13) Acrolein	4.040	56	112393	56.177	ug/l	97
14) Acrylonitrile	5.545	53	465822	73.222	ug/l	98
15) Acetone	4.275	58	121659	72.748	ug/l	86
16) Carbon Disulfide	4.534	76	387063	17.951	ug/l	98
17) Allyl chloride	4.834	41	232896	14.174	ug/l	88
18) Methylene Chloride	5.092	84	183678	18.893	ug/l	98
19) trans-1,2-Dichloroethene	5.592	96	166506	19.869	ug/l	98
20) Diisopropyl ether	6.486	45	516463	15.617	ug/l	97
21) 1,1-Dichloroethane	6.386	63	307685	17.484	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	197234	19.417	ug/l	95
23) tert-Butyl Alcohol	5.357	59	150998	64.169	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	534989	17.580	ug/l	94
25) Chloroform	7.810	83	317692	18.798	ug/l	97
26) Cyclohexane	8.092	56	268614	16.863	ug/l #	98
29) 1,1-Dichloropropene	8.222	75	231785	18.777	ug/l	99
30) 2-Butanone	7.328	43	600155	68.664	ug/l	99
31) 2,2-Dichloropropane	7.322	77	251195	21.707	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	271044	18.830	ug/l	99
33) Carbon Tetrachloride	8.198	117	227851	18.616	ug/l	96
34) Benzene	8.457	78	728514	19.067	ug/l	99
35) Methacrylonitrile	7.628	41	114537	13.525	ug/l	95
36) 1,2-Dichloroethane	8.528	62	254205	18.630	ug/l	97
37) Trichloroethene	9.210	130	186894	20.527	ug/l	98
38) Methylcyclohexane	9.457	83	298699	20.163	ug/l	98
39) 1,2-Dichloropropane	9.486	63	180086	17.780	ug/l	95
40) Dibromomethane	9.575	93	122399	19.103	ug/l	88
41) Bromodichloromethane	9.757	83	240798	18.639	ug/l	99
42) Vinyl Acetate	6.428	43	2170257	75.983	ug/l	96

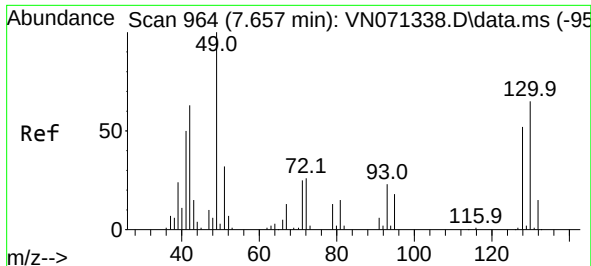
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
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 Acq On : 23 Mar 2022 12:43
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Quant Time: Mar 23 16:51:56 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	243769	14.341	ug/l	99
44) Isopropyl Acetate	8.557	43	390688	14.293	ug/l	95
45) 1,4-Dioxane	9.569	88	74913	307.751	ug/l	95
46) Methyl methacrylate	9.551	41	163700	13.537	ug/l	83
47) n-amyl Acetate	12.386	43	246285	13.583	ug/l	92
48) t-1,3-Dichloropropene	10.716	75	250404	17.795	ug/l	100
49) cis-1,3-Dichloropropene	10.186	75	280598	18.443	ug/l #	87
50) 1,1,2-Trichloroethane	10.892	97	183091	19.623	ug/l	98
51) Ethyl methacrylate	10.757	69	268400	16.722	ug/l	83
52) 1,3-Dichloropropane	11.039	76	310916	18.503	ug/l	99
53) Dibromochloromethane	11.233	129	185799	19.102	ug/l	99
54) 1,2-Dibromoethane	11.339	107	184740	19.096	ug/l	97
55) 2-Chloroethyl vinyl ether	10.033	63	364502	74.879	ug/l	99
56) Bromoform	12.451	173	134499	17.930	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	1178732	72.192	ug/l	93
59) 2-Hexanone	11.080	43	845398	69.654	ug/l	92
61) Tetrachloroethene	10.974	164	162291	21.879	ug/l	94
62) Toluene	10.498	91	800375	20.587	ug/l	97
64) Chlorobenzene	11.763	112	486047	20.614	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.839	131	174556	19.955	ug/l	97
66) Ethyl Benzene	11.839	91	850042	19.841	ug/l	95
67) m/p-Xylenes	11.951	106	667997	41.491	ug/l	97
68) o-Xylene	12.274	106	332546	20.521	ug/l	95
69) Styrene	12.292	104	507899	19.892	ug/l	98
70) Isopropylbenzene	12.574	105	836101	20.399	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	271658	19.105	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	313098	24.226	ug/l	56
73) Bromobenzene	12.857	156	194836	20.302	ug/l	97
74) n-propylbenzene	12.915	91	896269	19.840	ug/l	97
75) 2-Chlorotoluene	13.004	91	567002	20.024	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	666245	20.478	ug/l	95
77) t-1,4-Dichloro-2-butene	12.621	75	72549	16.953	ug/l	95
78) 4-Chlorotoluene	13.098	91	523713	19.959	ug/l	98
79) tert-butylbenzene	13.315	119	601624	20.249	ug/l	93
80) 1,2,4-Trimethylbenzene	13.498	105	798565	25.302	ug/l	100
81) sec-Butylbenzene	13.498	105	798565	20.191	ug/l	97
82) p-Isopropyltoluene	13.610	119	640981	20.151	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	330048	21.065	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	313364	21.008	ug/l	98
85) n-Butylbenzene	13.939	91	445957	18.830	ug/l	94
86) Hexachloroethane	14.204	117	117931	19.467	ug/l	81
87) 1,2-Dichlorobenzene	13.980	146	327904	21.575	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	45095	16.514	ug/l	88
89) 1,2,4-Trichlorobenzene	15.257	180	134474	19.108	ug/l	96
90) Hexachlorobutadiene	15.362	225	93364	23.480	ug/l	99
91) Naphthalene	15.498	128	337387	15.317	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	132808	18.401	ug/l	97

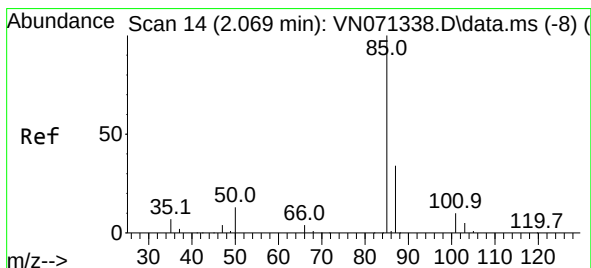
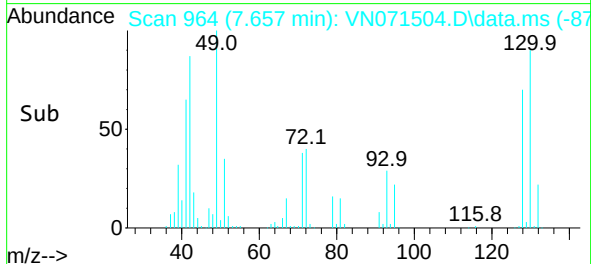
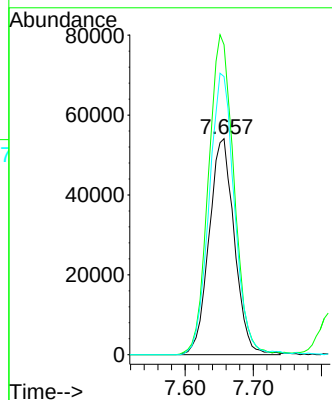
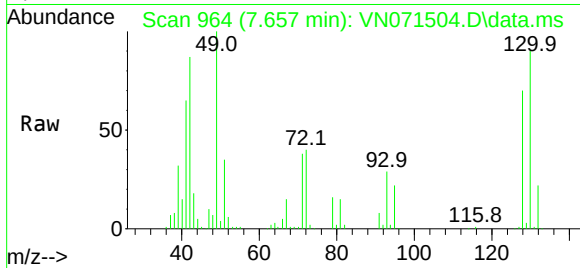
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

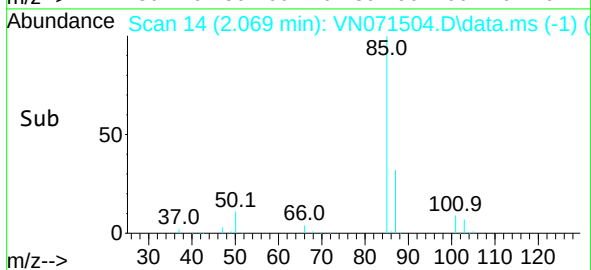
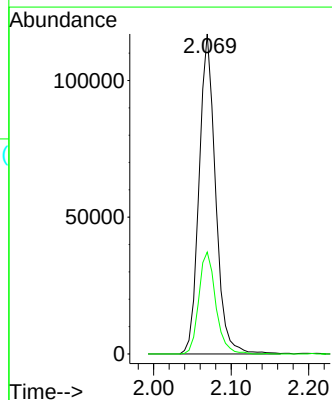
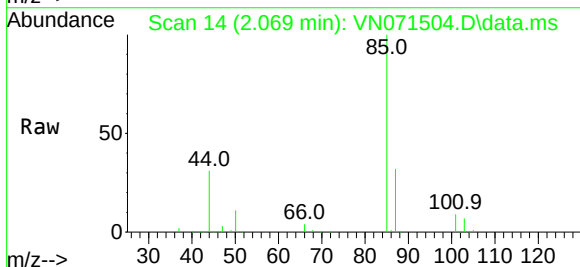
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

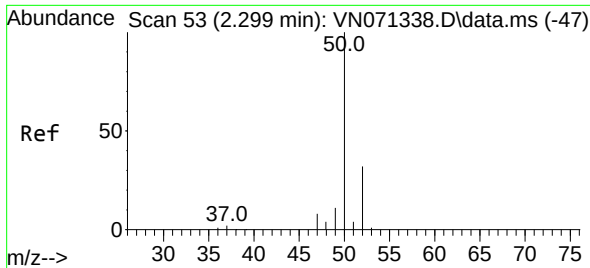
Tgt Ion:128 Resp: 139461
Ion Ratio Lower Upper
128 100
49 149.1 0.0 392.3
130 130.4 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 19.152 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 85 Resp: 172704
Ion Ratio Lower Upper
85 100
87 31.9 16.6 49.7

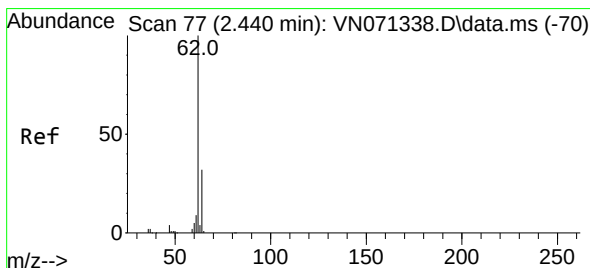
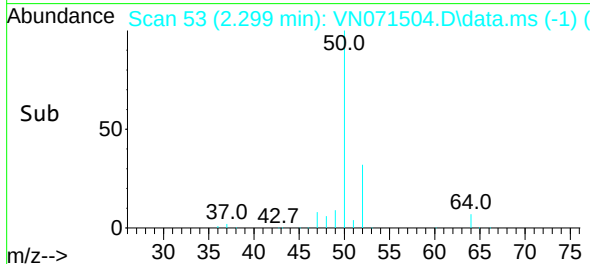
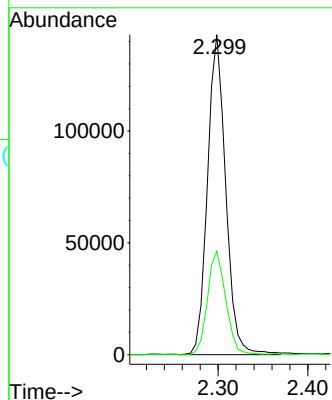
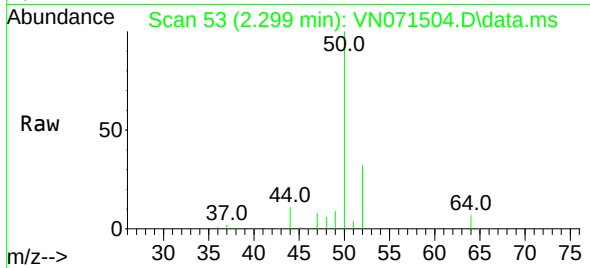




#3
Chloromethane
Concen: 16.759 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

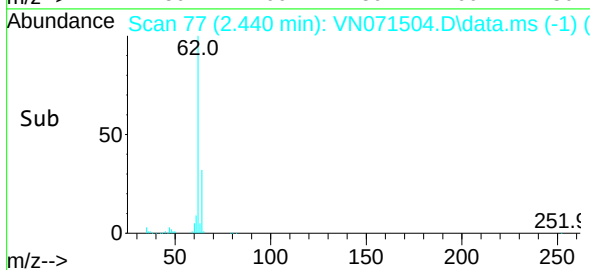
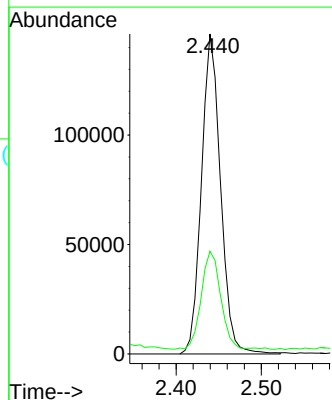
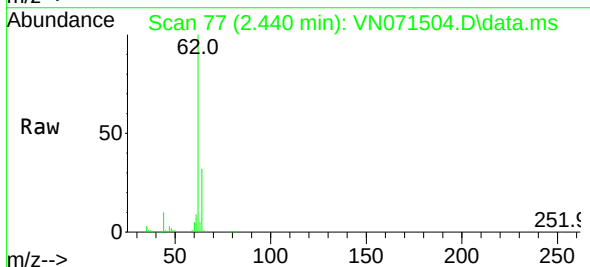
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MSVOA_N
ClientSampleId :
VSTDCCC020

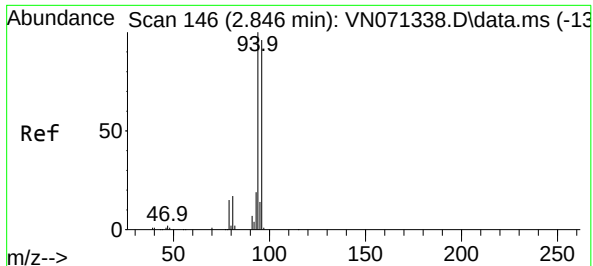
Tgt Ion: 50 Resp: 201615
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.6



#4
Vinyl Chloride
Concen: 20.614 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 62 Resp: 227742
Ion Ratio Lower Upper
62 100
64 30.4 25.1 37.7

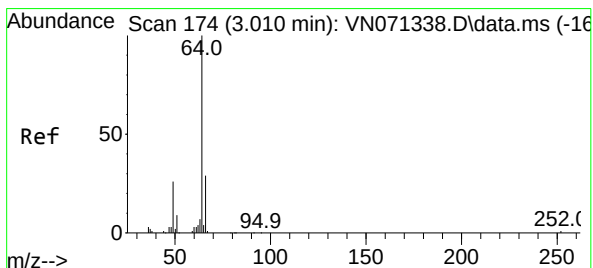
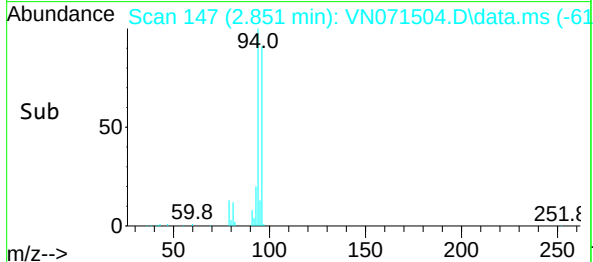
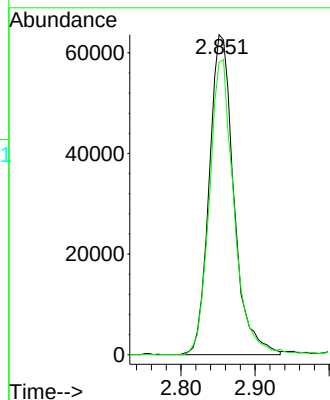
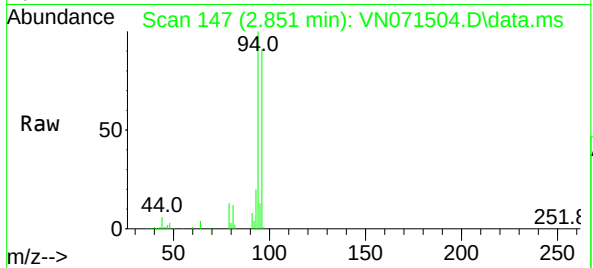




#5
Bromomethane
Concen: 26.514 ug/l
RT: 2.851 min Scan# 146
Delta R.T. 0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

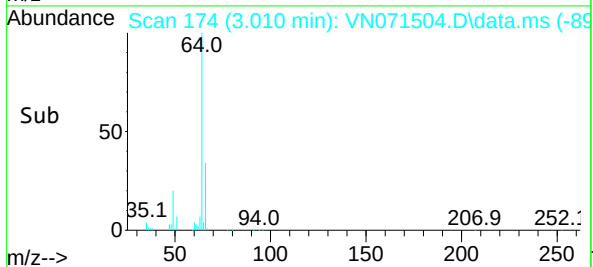
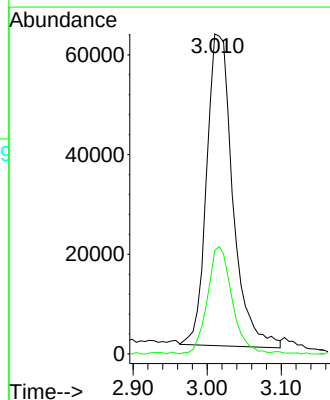
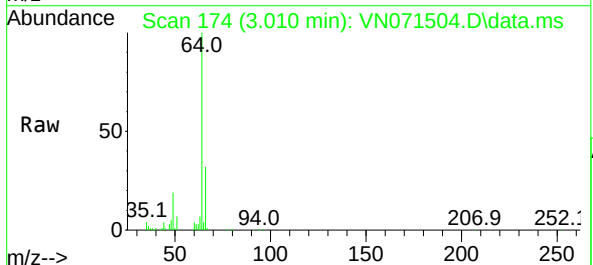
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ClientSampleId :
VSTDCCC020

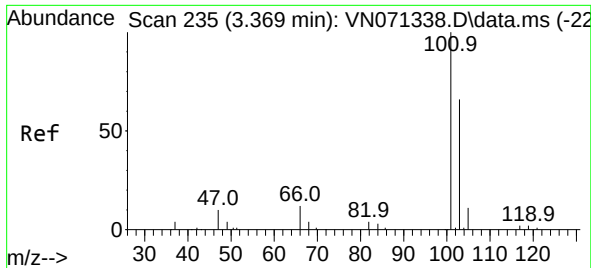
Tgt Ion: 94 Resp: 146807
Ion Ratio Lower Upper
94 100
96 91.3 75.2 112.8



#6
Chloroethane
Concen: 22.838 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 64 Resp: 153549
Ion Ratio Lower Upper
64 100
66 33.4 24.6 36.8

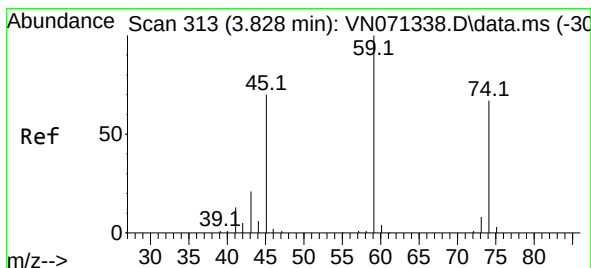
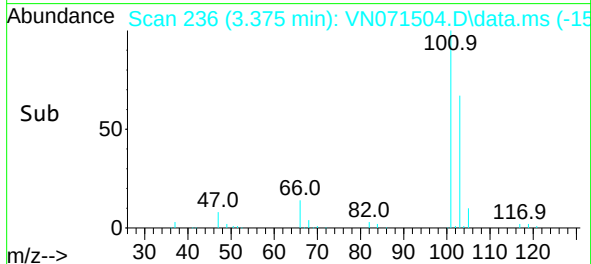
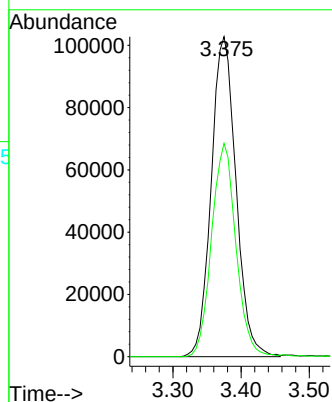
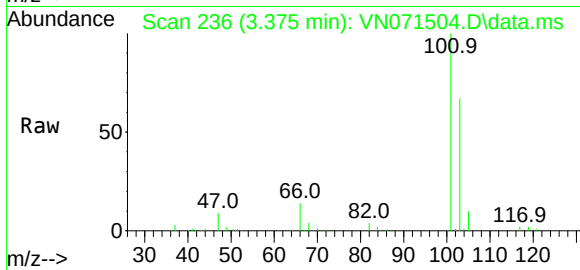




#7
Trichlorofluoromethane
Concen: 18.650 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

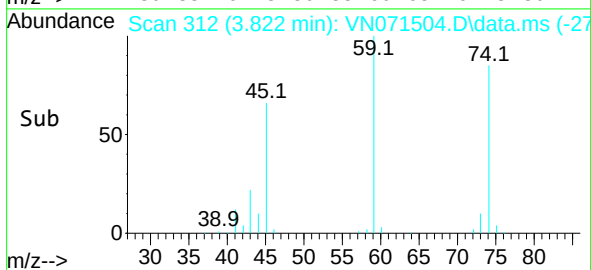
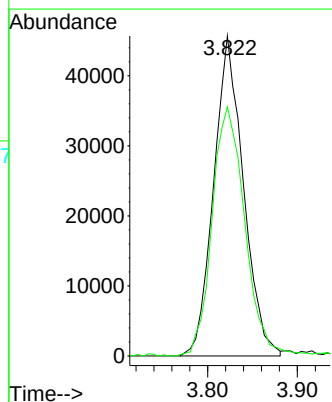
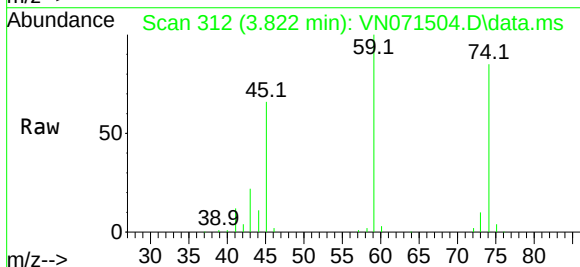
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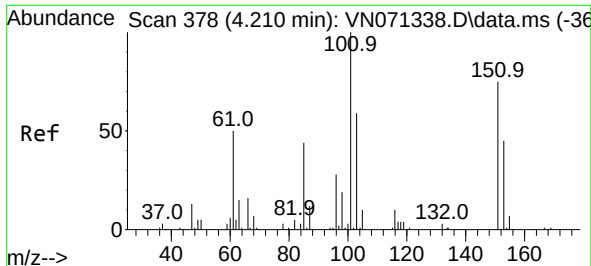
Tgt Ion:101 Resp: 259850
Ion Ratio Lower Upper
101 100
103 66.6 50.1 75.1



#8
Diethyl Ether
Concen: 17.335 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 74 Resp: 104913
Ion Ratio Lower Upper
74 100
45 85.7 17.6 158.8

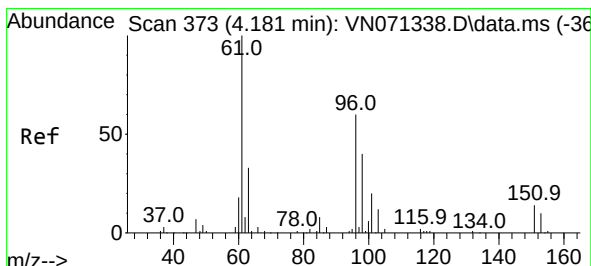
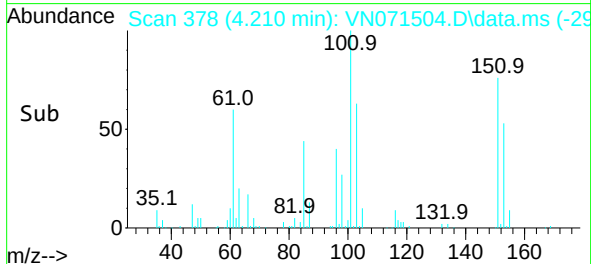
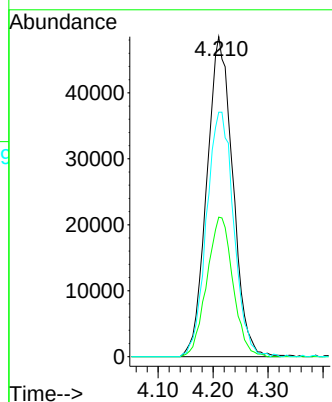
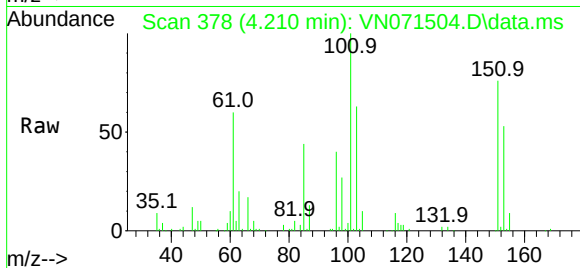




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.324 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

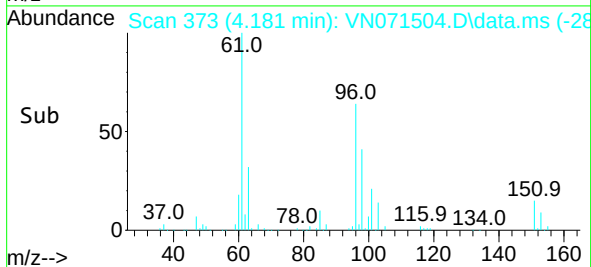
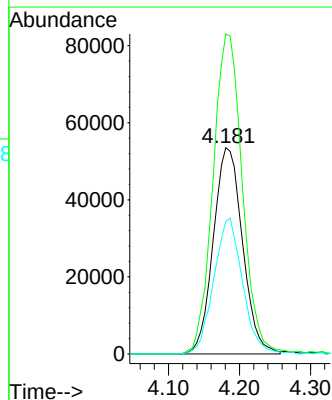
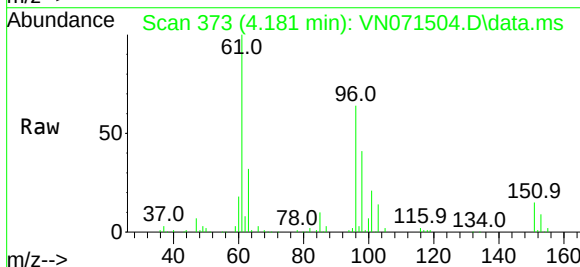
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

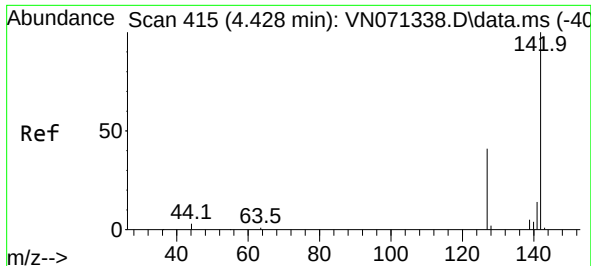
Tgt Ion:101 Resp: 159239
Ion Ratio Lower Upper
101 100
85 43.8 0.0 94.0
151 79.6 0.0 74.6#



#10
1,1-Dichloroethene
Concen: 19.172 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 96 Resp: 152866
Ion Ratio Lower Upper
96 100
61 155.1 126.2 189.4
98 64.3 50.9 76.3

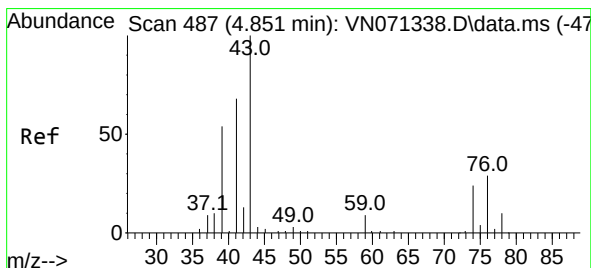
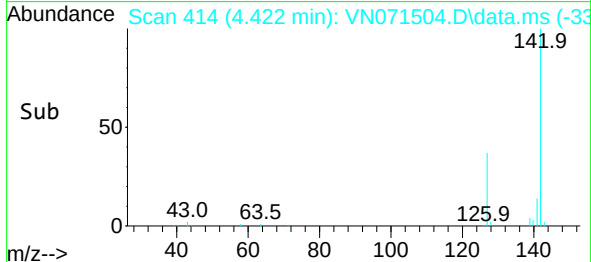
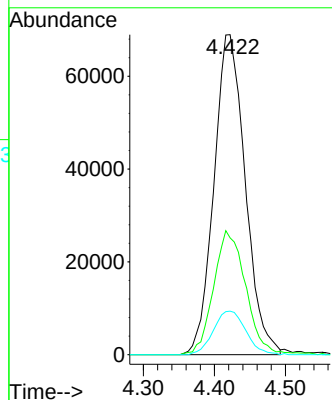
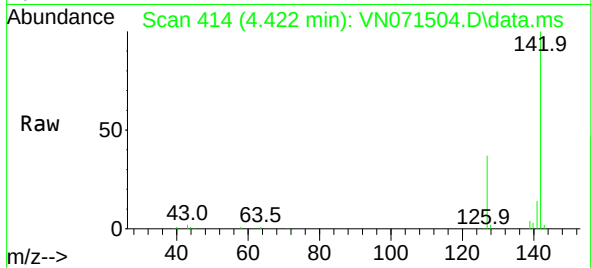




#11
Methyl Iodide
Concen: 19.226 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

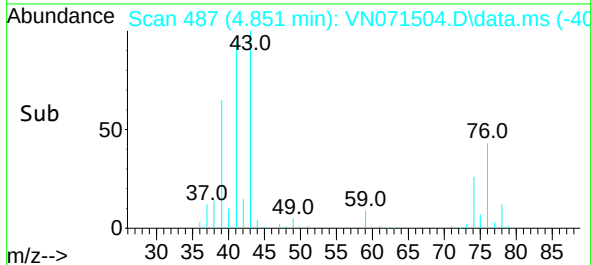
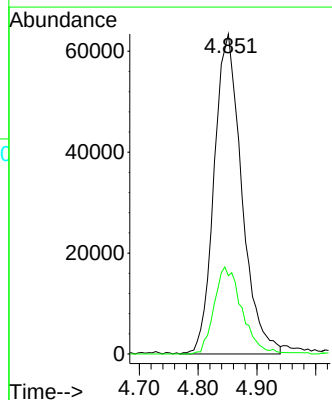
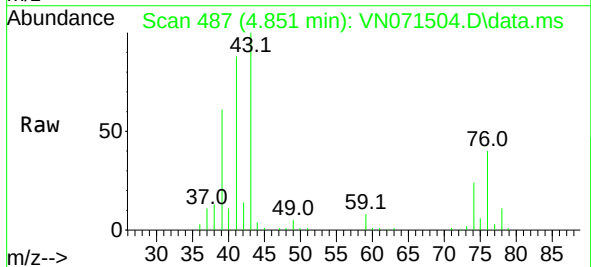
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

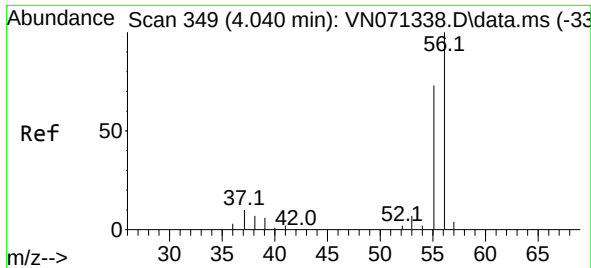
Tgt Ion:142 Resp: 211089
Ion Ratio Lower Upper
142 100
127 36.3 24.0 72.0
141 13.7 8.4 25.2



#12
Methyl Acetate
Concen: 13.591 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 43 Resp: 207397
Ion Ratio Lower Upper
43 100
74 24.5 20.8 31.2





#13

Acrolein

Concen: 56.177 ug/l

RT: 4.040 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

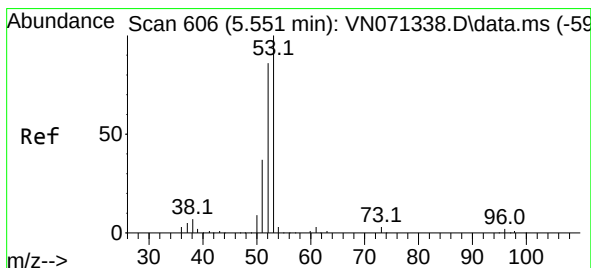
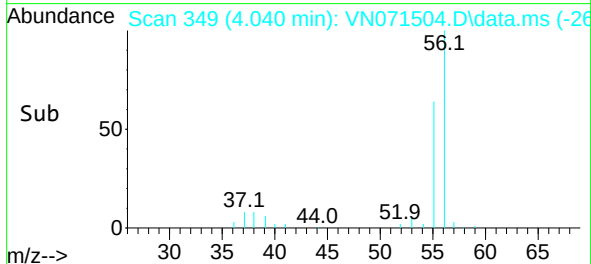
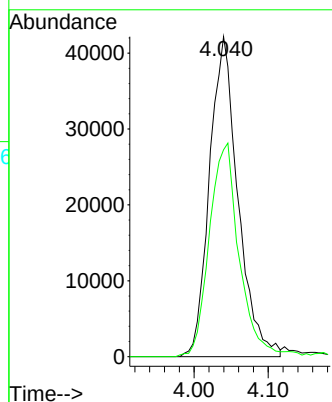
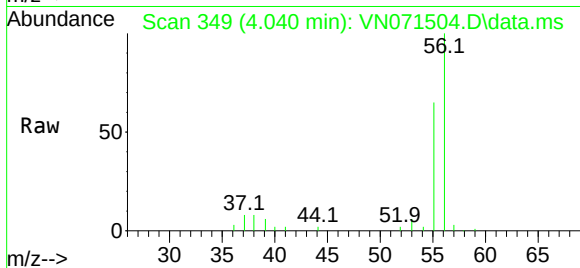
VSTDCCC020

Tgt Ion: 56 Resp: 112393

Ion Ratio Lower Upper

56 100

55 69.3 57.6 86.4



#14

Acrylonitrile

Concen: 73.222 ug/l

RT: 5.545 min Scan# 605

Delta R.T. -0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

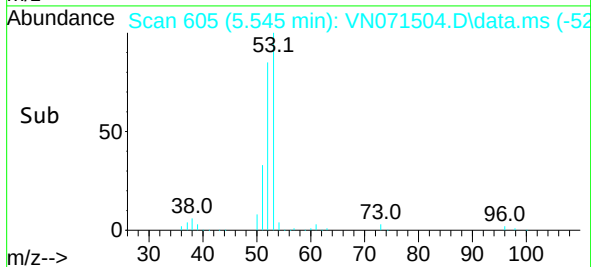
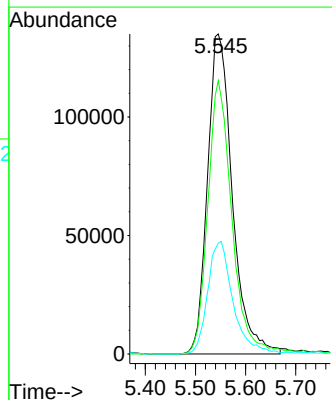
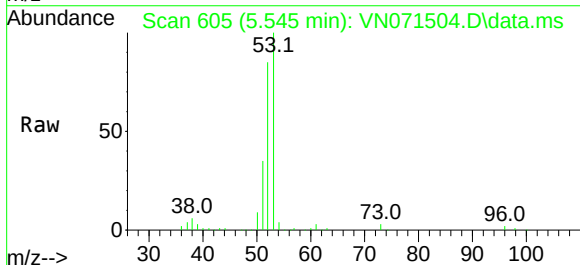
Tgt Ion: 53 Resp: 465822

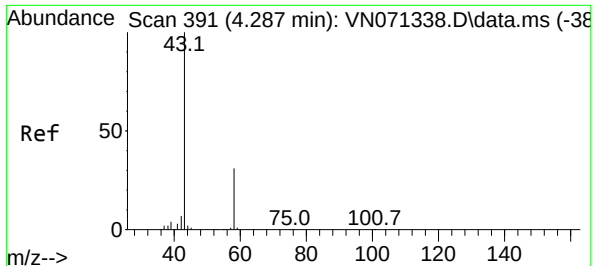
Ion Ratio Lower Upper

53 100

52 82.4 41.8 125.4

51 35.6 19.0 57.0

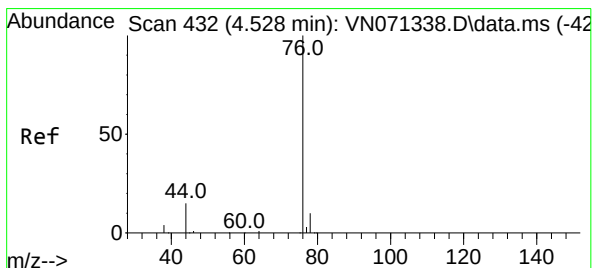
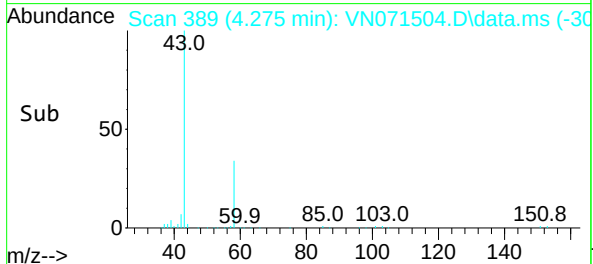
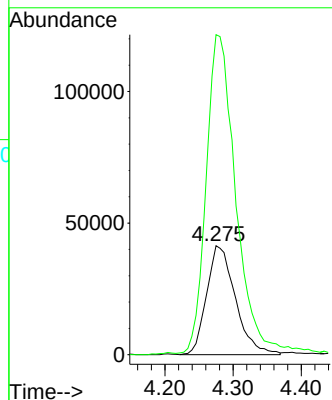
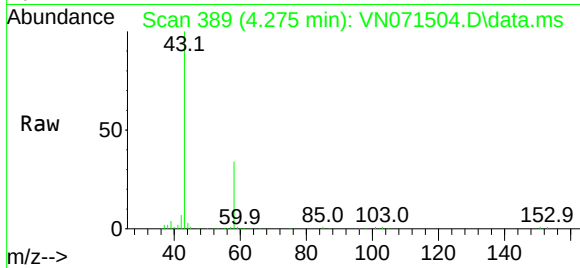




#15
Acetone
Concen: 72.748 ug/l
RT: 4.275 min Scan# 391
Delta R.T. -0.012 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

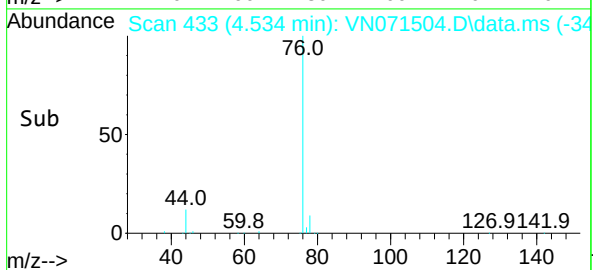
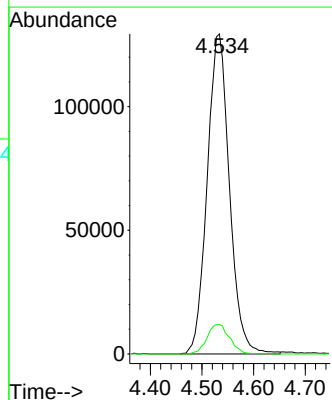
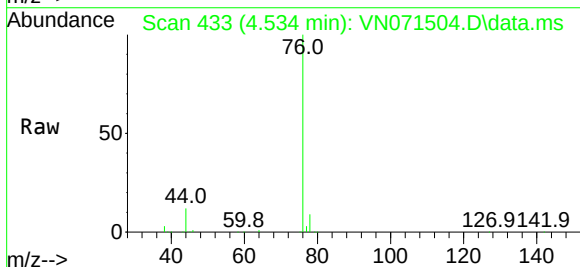
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

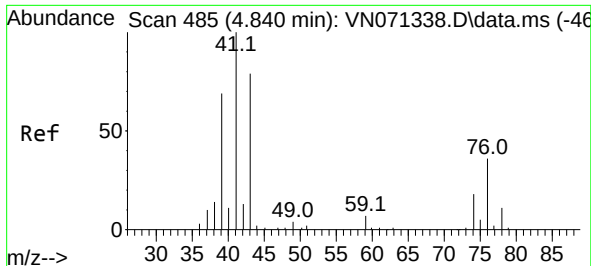
Tgt Ion: 58 Resp: 121659
Ion Ratio Lower Upper
58 100
43 292.3 256.6 384.8



#16
Carbon Disulfide
Concen: 17.951 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 76 Resp: 387063
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8





#17

Allyl chloride

Concen: 14.174 ug/l

RT: 4.834 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

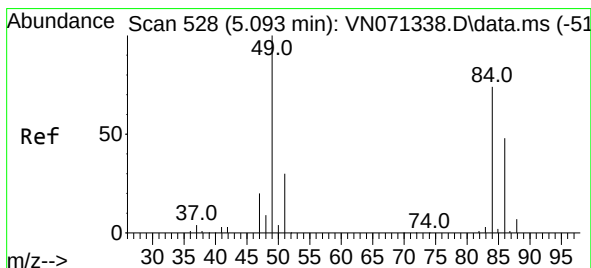
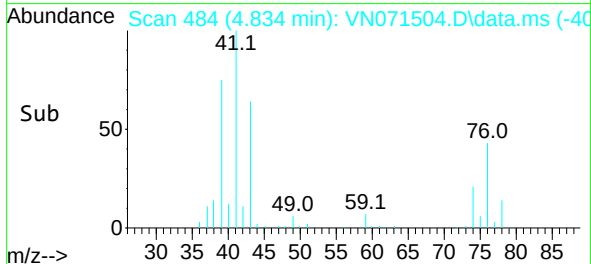
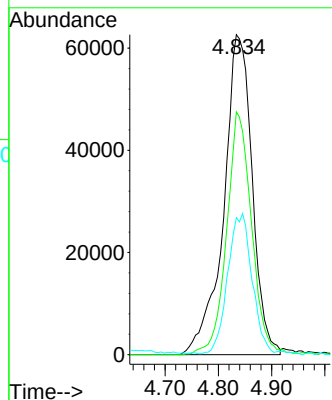
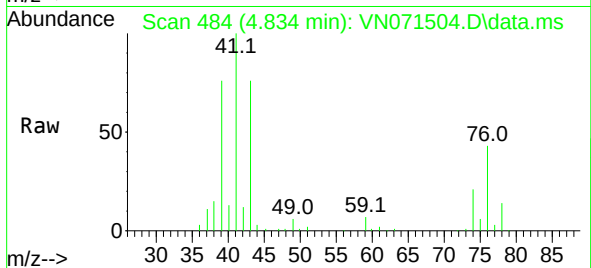
Tgt Ion: 41 Resp: 232896

Ion Ratio Lower Upper

41 100

39 75.9 44.6 134.0

76 42.3 19.6 58.7



#18

Methylene Chloride

Concen: 18.893 ug/l

RT: 5.092 min Scan# 528

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Tgt Ion: 84 Resp: 183678

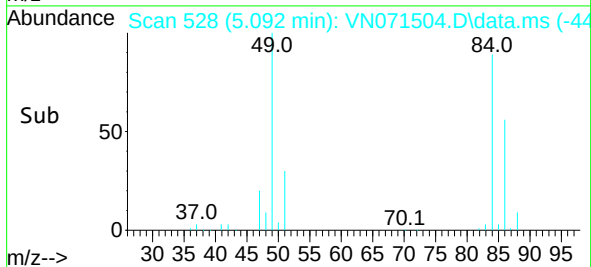
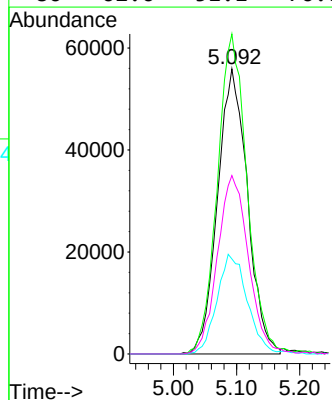
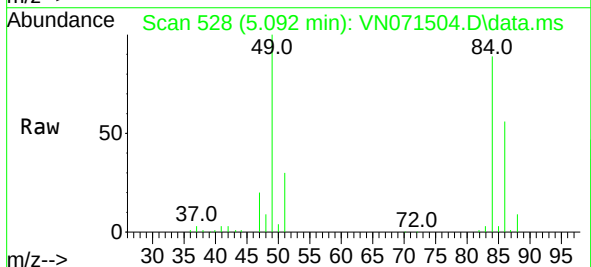
Ion Ratio Lower Upper

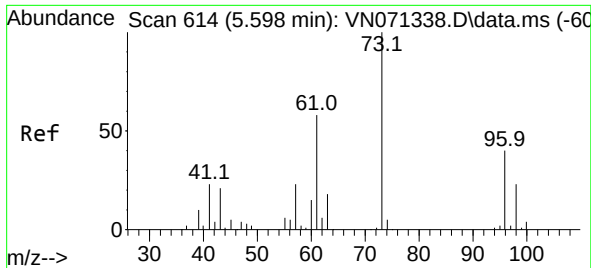
84 100

49 112.2 91.4 137.0

51 33.3 29.4 44.0

86 62.6 51.1 76.7

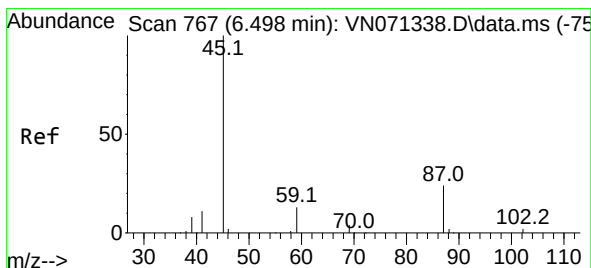
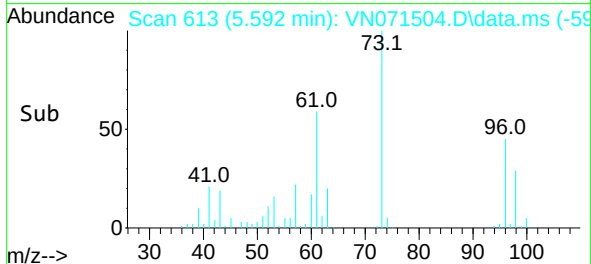
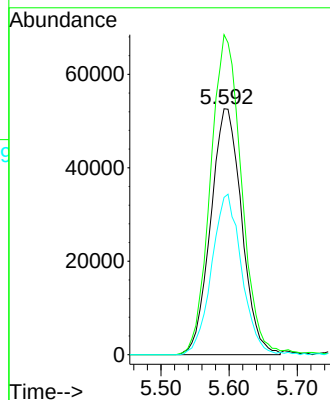
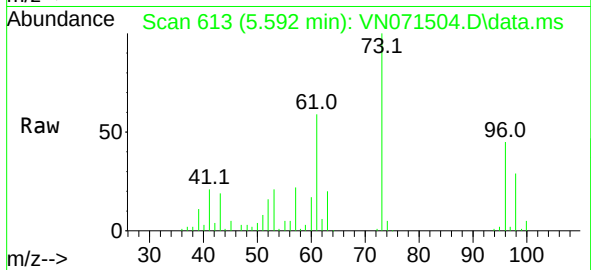




#19
trans-1,2-Dichloroethene
Concen: 19.869 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

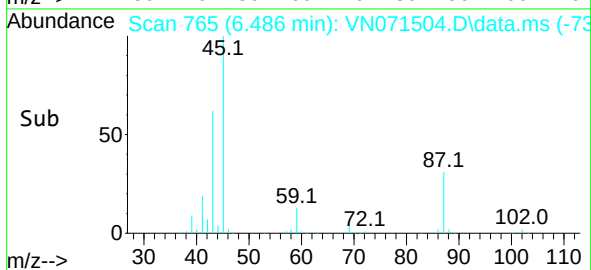
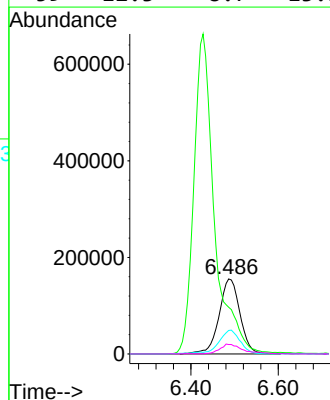
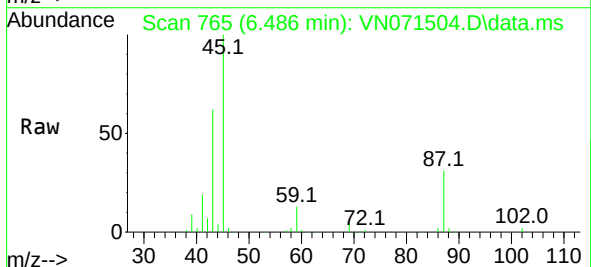
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

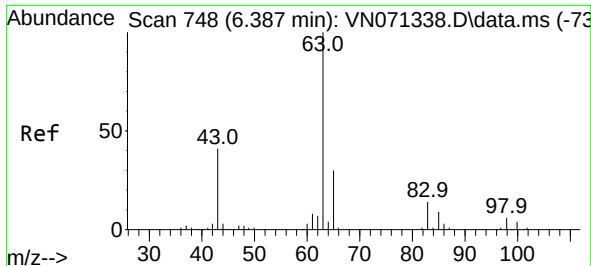
Tgt Ion: 96 Resp: 166506
Ion Ratio Lower Upper
96 100
61 129.6 102.8 154.2
98 64.0 49.3 73.9



#20
Diisopropyl ether
Concen: 15.617 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.012 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 45 Resp: 516463
Ion Ratio Lower Upper
45 100
43 60.1 51.0 76.4
87 31.3 25.0 37.4
59 12.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 17.484 ug/l

RT: 6.386 min Scan# 74

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

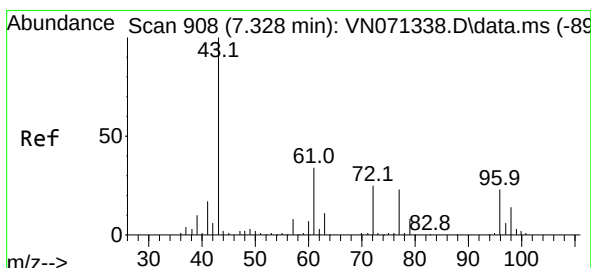
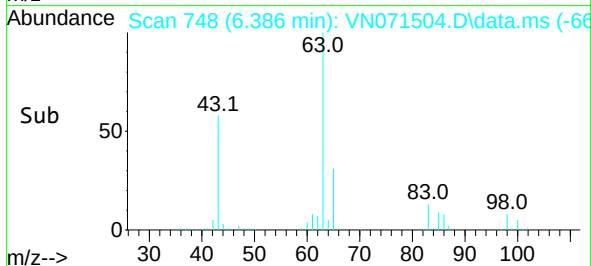
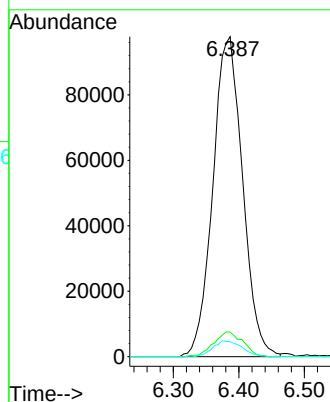
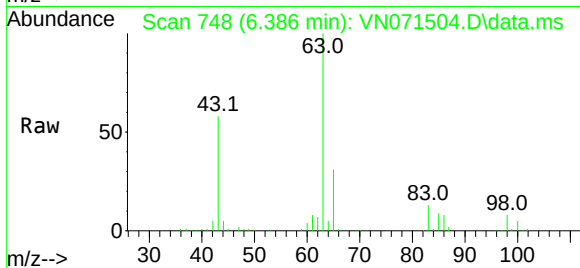
Tgt Ion: 63 Resp: 307685

Ion Ratio Lower Upper

63 100

98 7.6 3.2 9.6

100 4.7 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 19.417 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

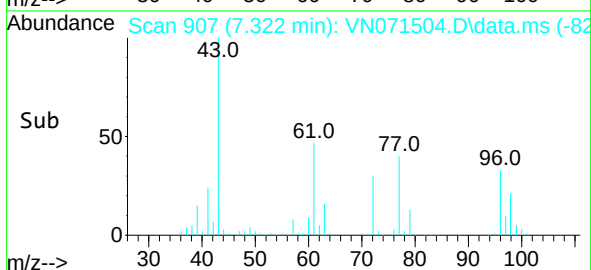
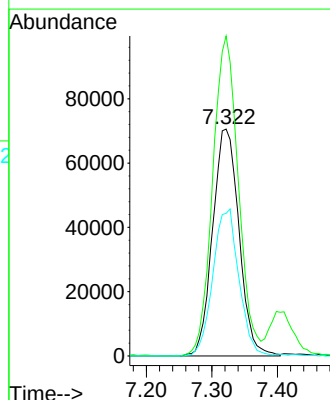
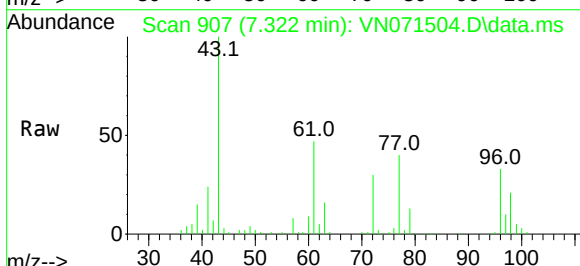
Tgt Ion: 96 Resp: 197234

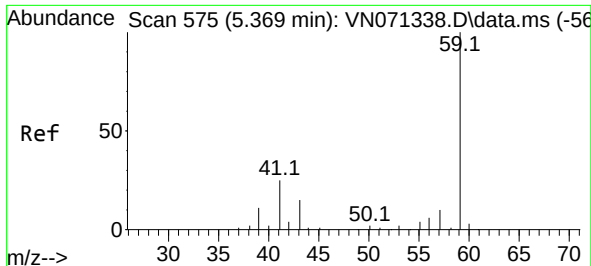
Ion Ratio Lower Upper

96 100

61 136.7 115.7 173.5

98 63.7 51.6 77.4





#23

tert-Butyl Alcohol

Concen: 64.169 ug/l

RT: 5.357 min Scan# 51

Delta R.T. -0.012 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

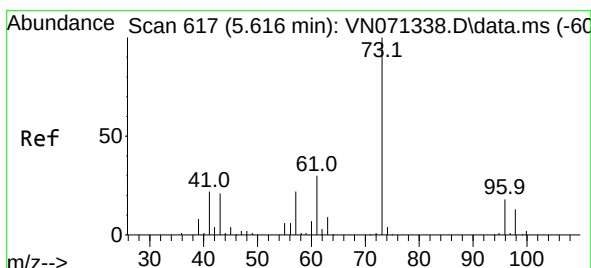
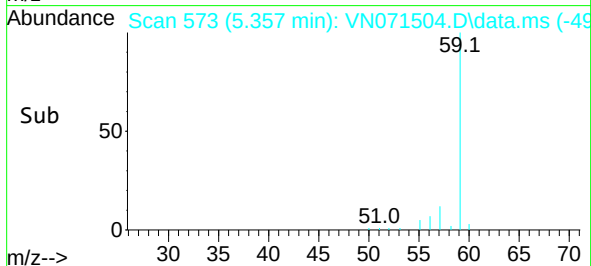
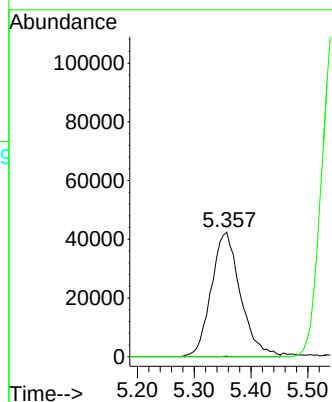
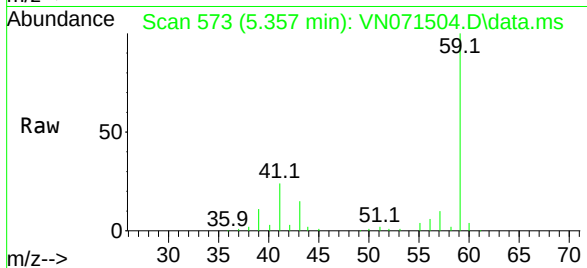
VSTDCCC020

Tgt Ion: 59 Resp: 150998

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 17.580 ug/l

RT: 5.610 min Scan# 616

Delta R.T. -0.006 min

Lab File: VN071504.D

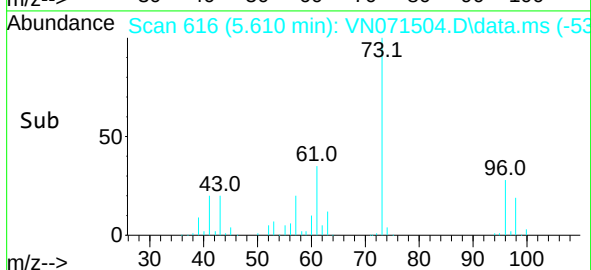
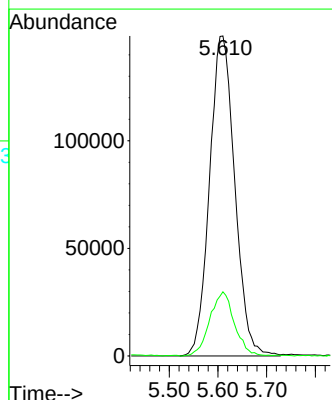
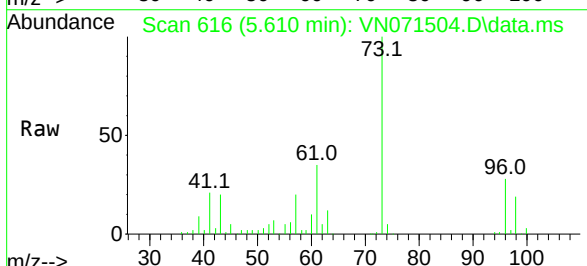
Acq: 23 Mar 2022 12:43

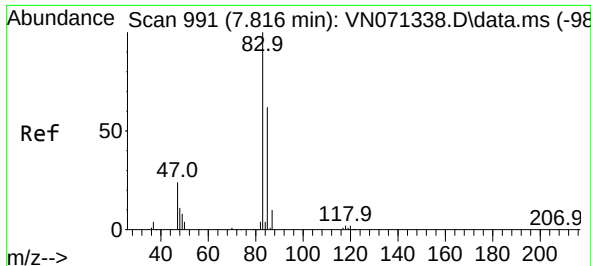
Tgt Ion: 73 Resp: 534989

Ion Ratio Lower Upper

73 100

43 19.5 18.1 27.1

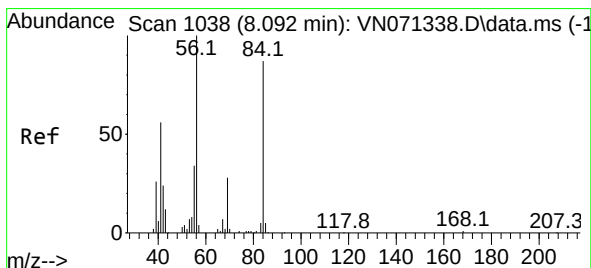
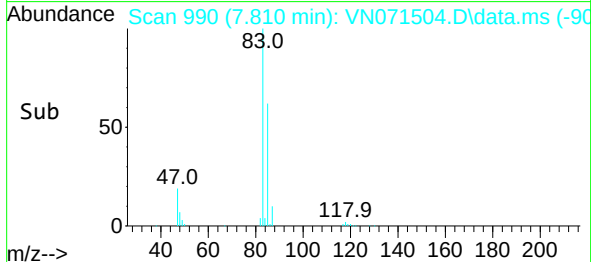
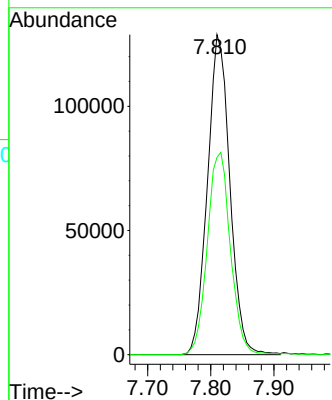
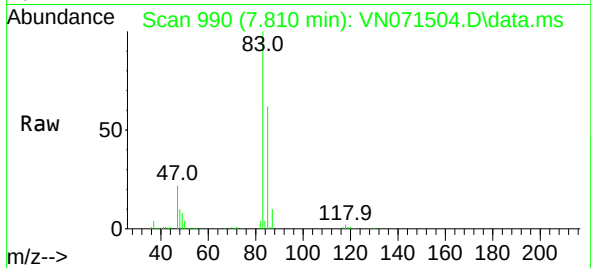




#25
Chloroform
Concen: 18.798 ug/l
RT: 7.810 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

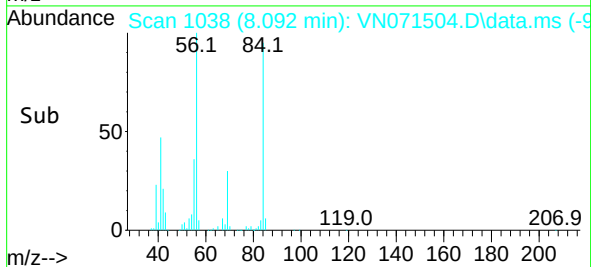
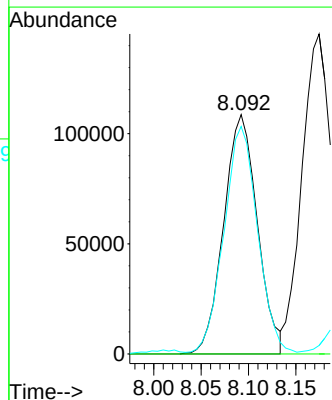
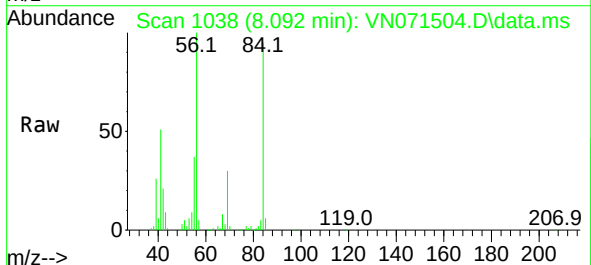
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

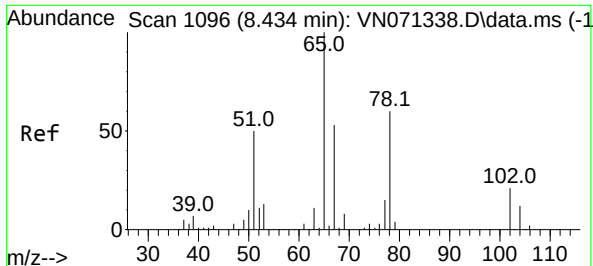
Tgt Ion: 83 Resp: 317692
Ion Ratio Lower Upper
83 100
85 61.6 51.3 76.9



#26
Cyclohexane
Concen: 16.863 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 56 Resp: 268614
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 95.0 74.6 111.8

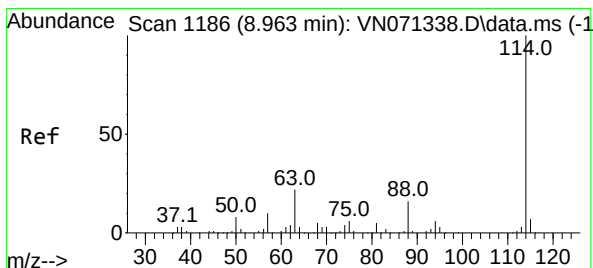
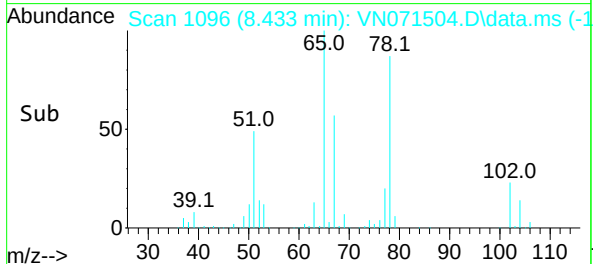
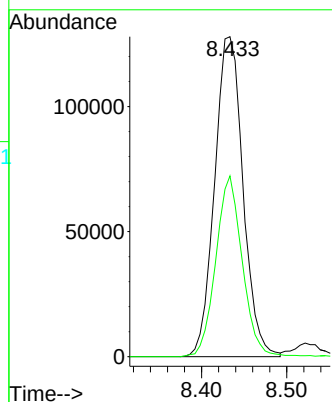
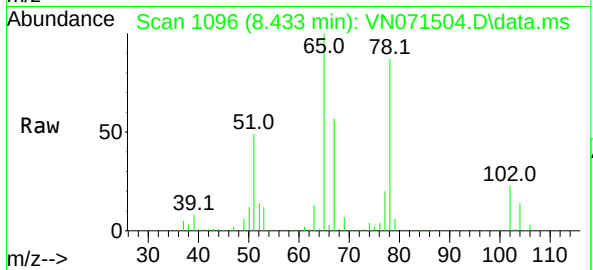




#27
1,2-Dichloroethane-d4
Concen: 26.784 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

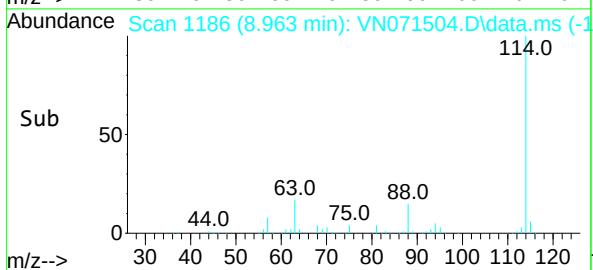
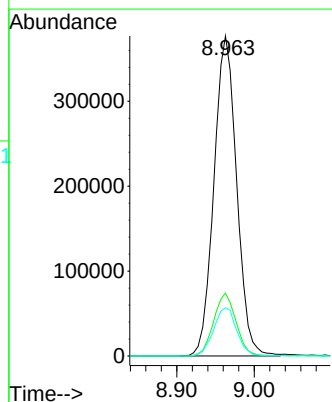
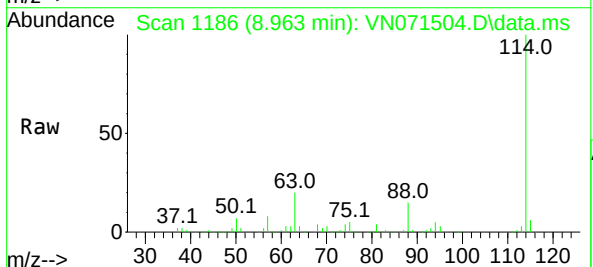
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

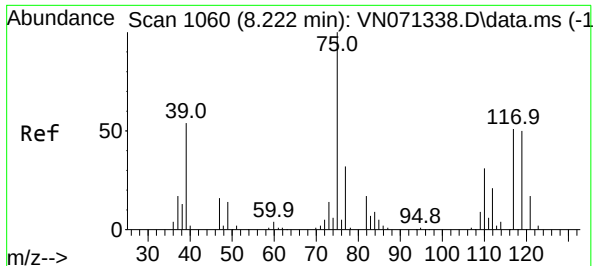
Tgt Ion: 65 Resp: 296563
Ion Ratio Lower Upper
65 100
67 52.4 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 114 Resp: 767025
Ion Ratio Lower Upper
114 100
63 19.4 15.8 23.6
88 15.4 11.6 17.4

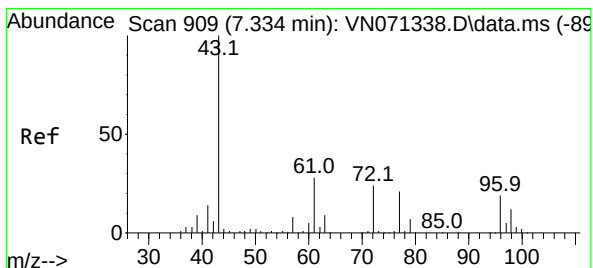
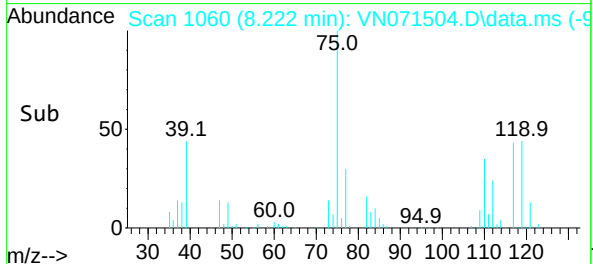
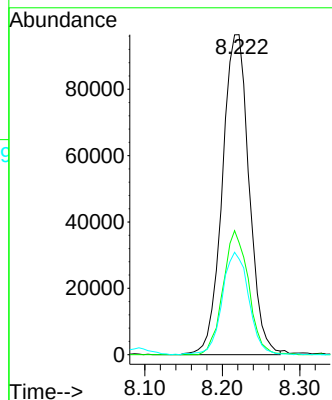
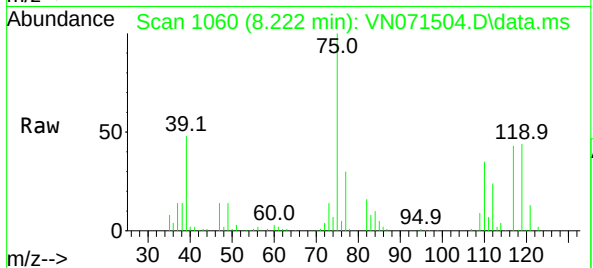




#29
1,1-Dichloropropene
Concen: 18.777 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

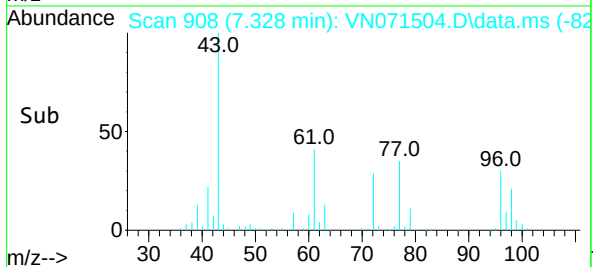
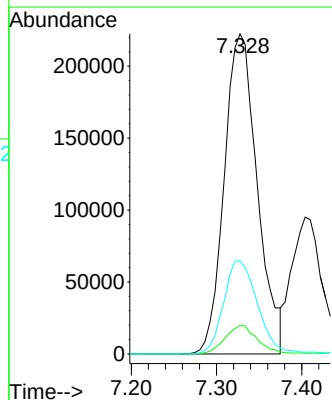
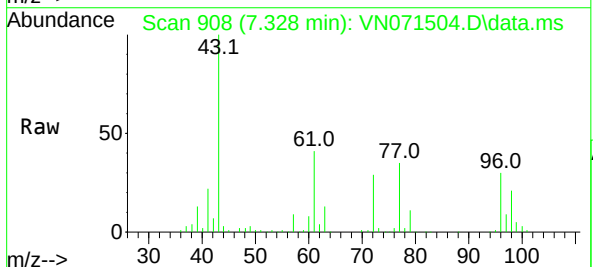
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

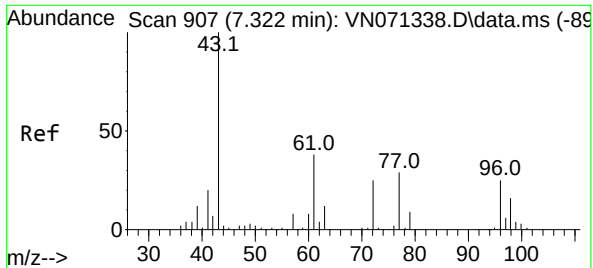
Tgt Ion: 75 Resp: 231785
Ion Ratio Lower Upper
75 100
110 36.7 0.0 74.2
77 31.8 0.0 63.2



#30
2-Butanone
Concen: 68.664 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 43 Resp: 600155
Ion Ratio Lower Upper
43 100
57 8.7 6.7 10.1
72 29.8 23.2 34.8

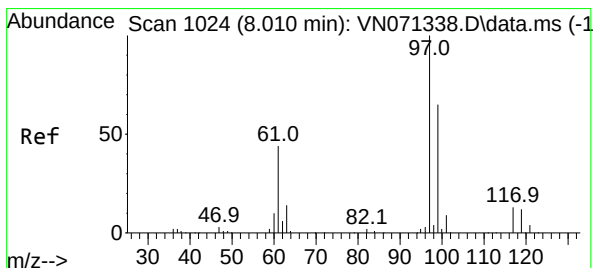
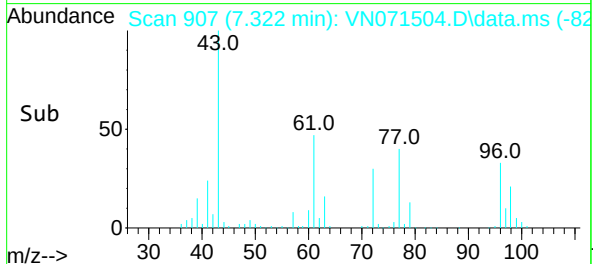
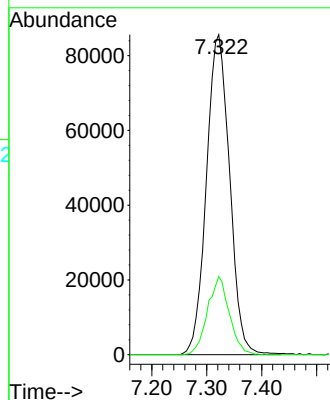
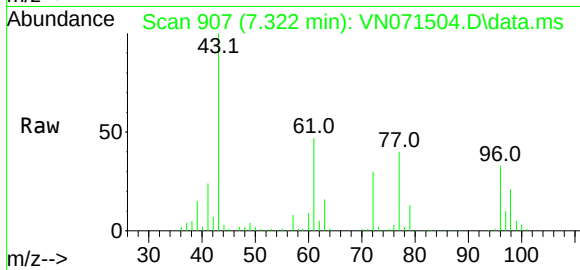




#31
2,2-Dichloropropane
Concen: 21.707 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

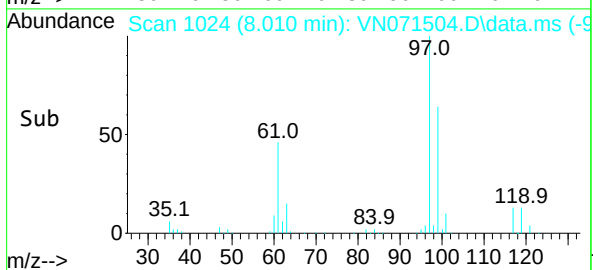
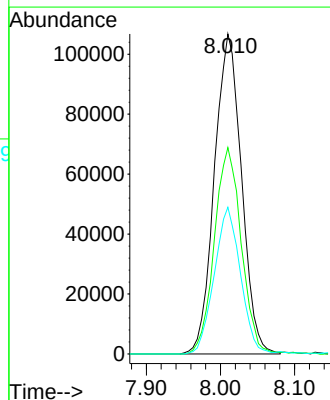
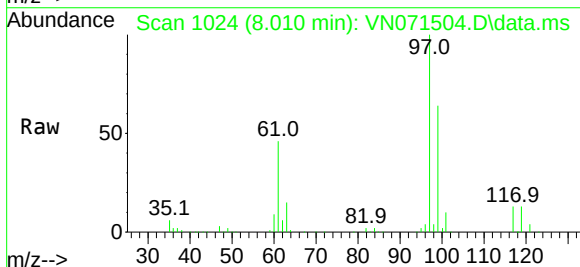
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

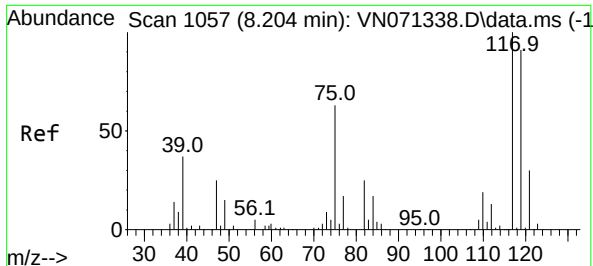
Tgt Ion: 77 Resp: 251195
Ion Ratio Lower Upper
77 100
97 22.9 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 18.830 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 97 Resp: 271044
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 44.2 34.6 51.8

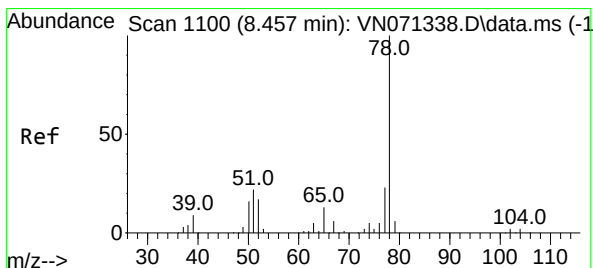
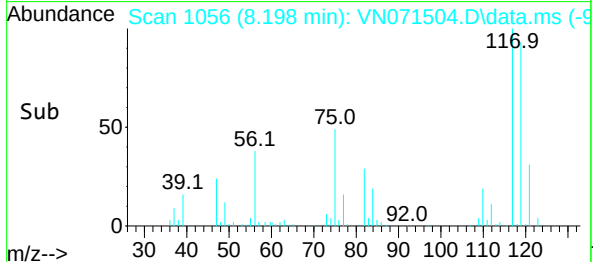
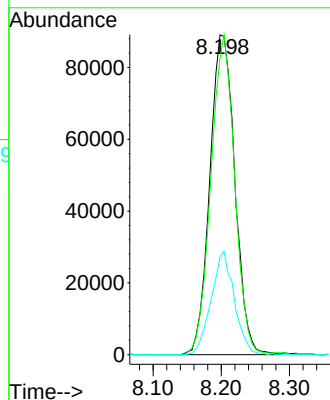
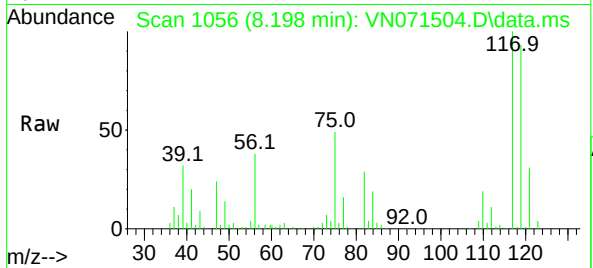




#33
Carbon Tetrachloride
Concen: 18.616 ug/l
RT: 8.198 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

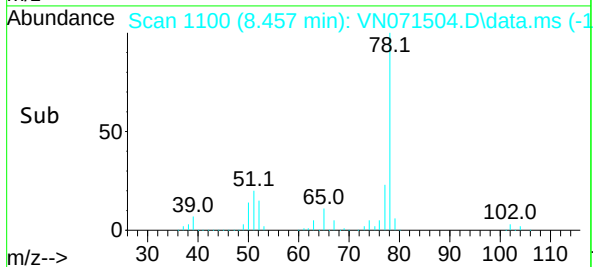
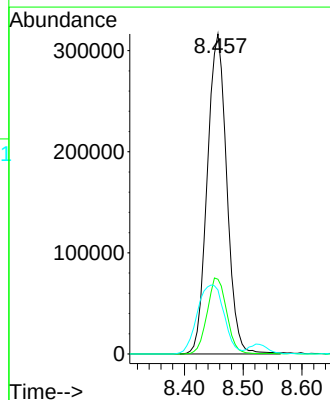
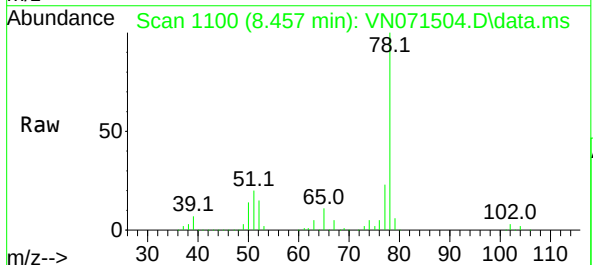
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

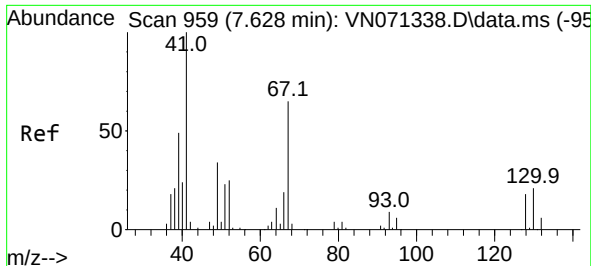
Tgt Ion:117 Resp: 227851
Ion Ratio Lower Upper
117 100
119 92.8 77.5 116.3
121 30.5 23.5 35.3



#34
Benzene
Concen: 19.067 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 78 Resp: 728514
Ion Ratio Lower Upper
78 100
77 23.4 19.1 28.7
51 19.7 16.0 24.0



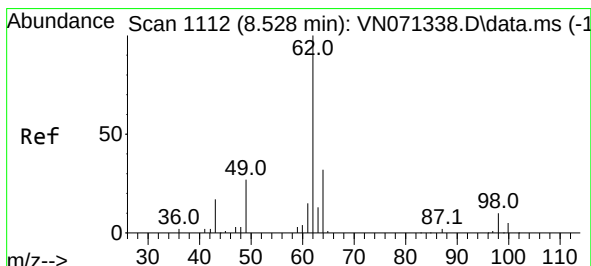
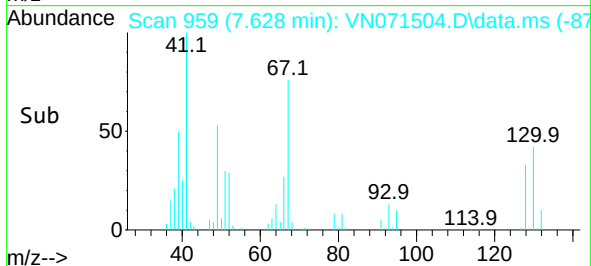
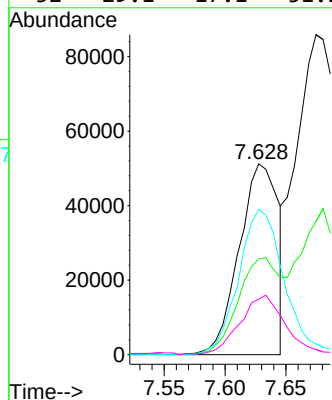
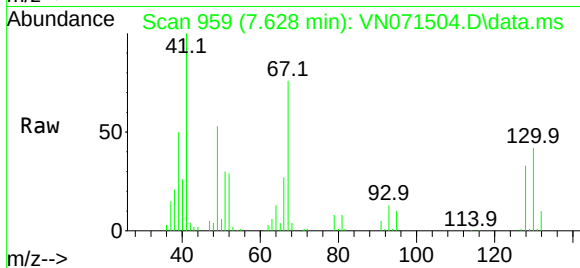


#35
Methacrylonitrile
Concen: 13.525 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 41 Resp: 114537

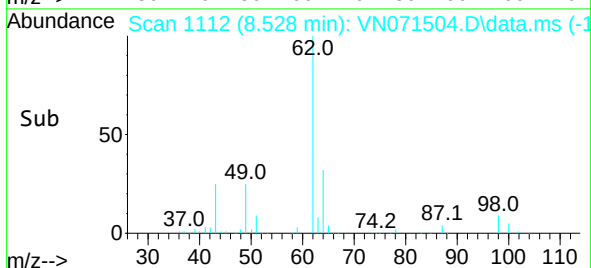
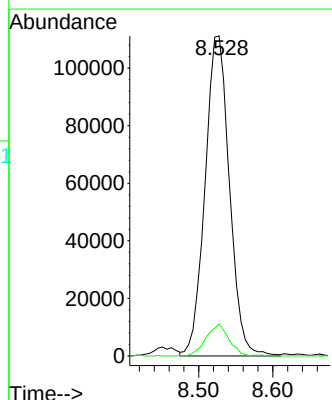
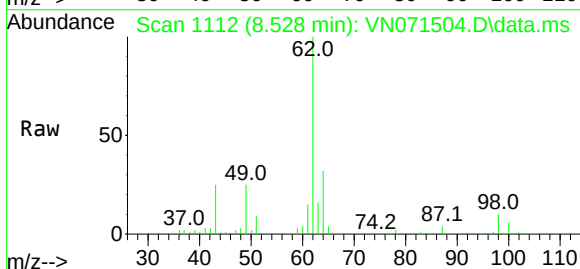
Ion	Ratio	Lower	Upper
41	100		
39	49.8	28.0	83.9
67	76.1	37.7	113.1
52	29.1	17.1	51.2

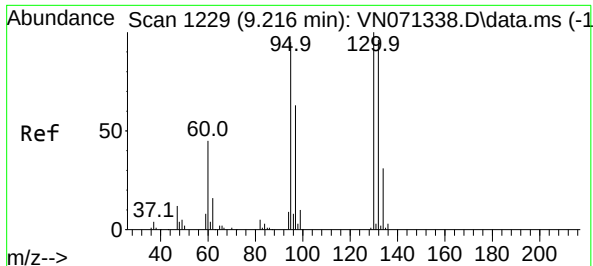


#36
1,2-Dichloroethane
Concen: 18.630 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 62 Resp: 254205

Ion	Ratio	Lower	Upper
62	100		
98	9.3	6.6	10.0





#37

Trichloroethene

Concen: 20.527 ug/l

RT: 9.210 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

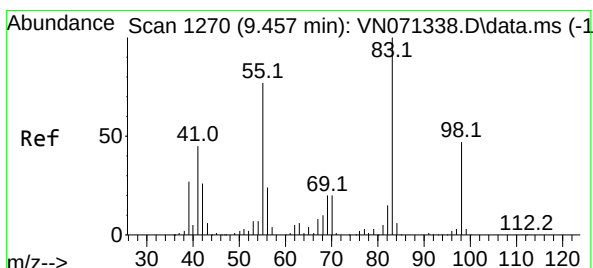
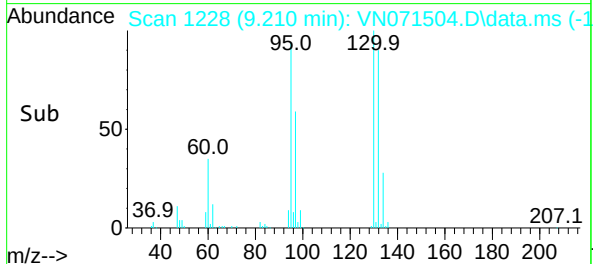
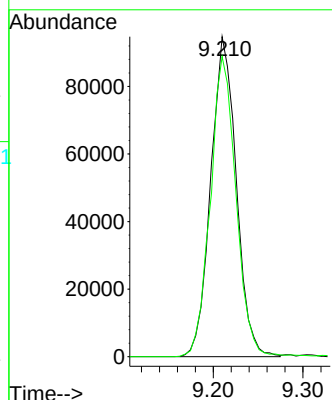
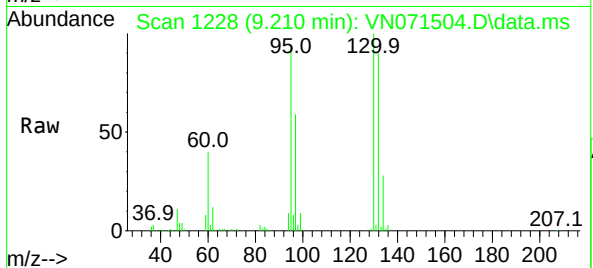
VSTDCCC020

Tgt Ion:130 Resp: 186894

Ion Ratio Lower Upper

130 100

95 93.6 76.6 115.0



#38

Methylcyclohexane

Concen: 20.163 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

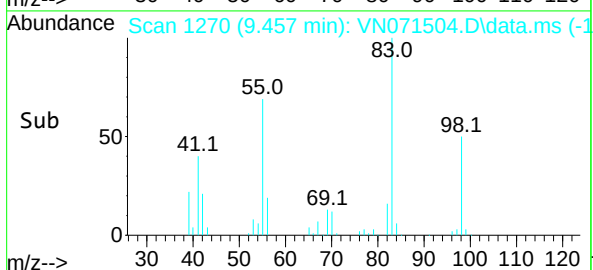
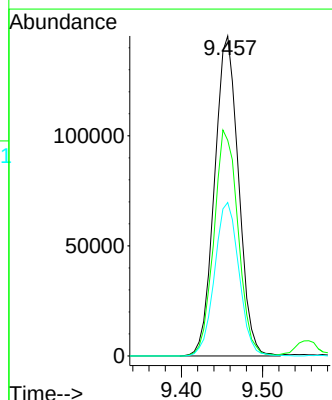
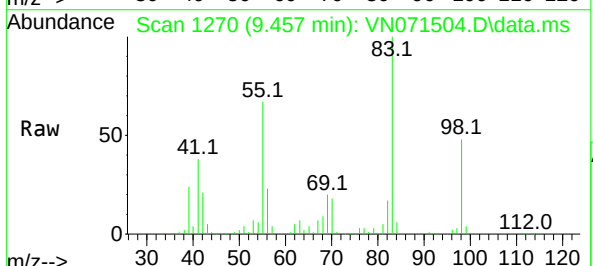
Tgt Ion: 83 Resp: 298699

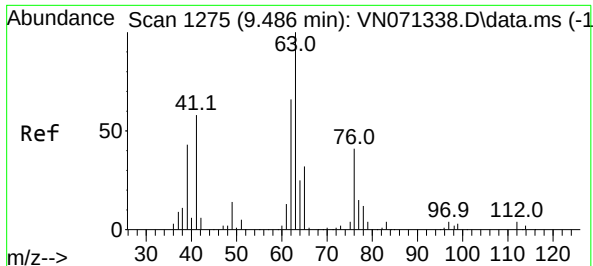
Ion Ratio Lower Upper

83 100

55 71.2 35.1 105.3

98 48.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 17.780 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

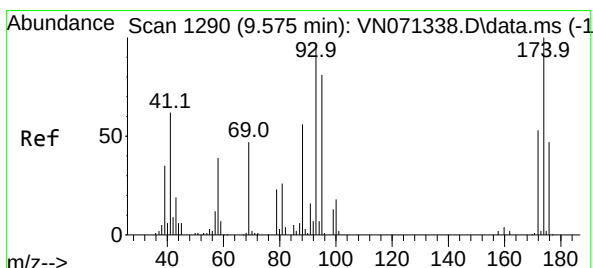
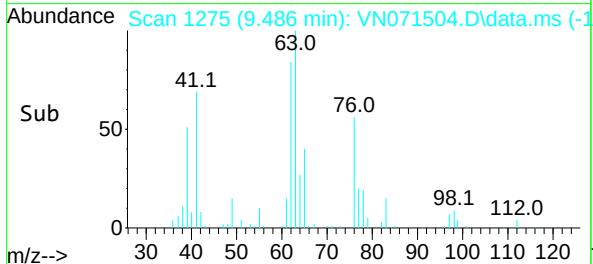
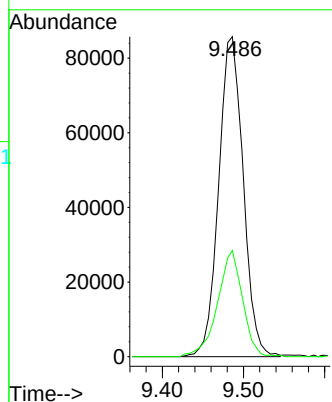
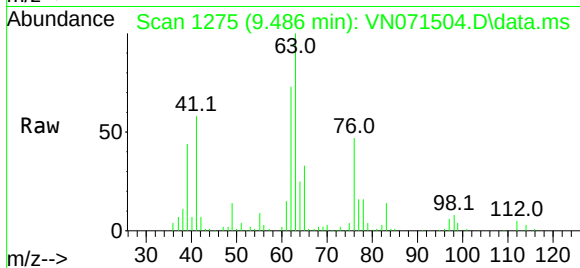
VSTDCCC020

Tgt Ion: 63 Resp: 180086

Ion Ratio Lower Upper

63 100

65 33.2 24.2 36.4



#40

Dibromomethane

Concen: 19.103 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

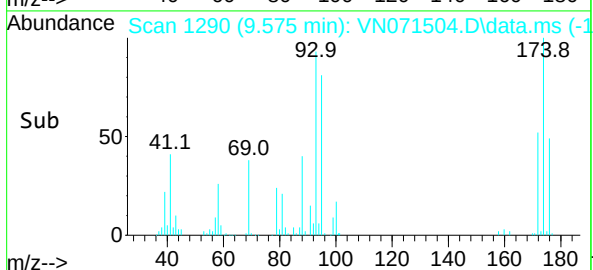
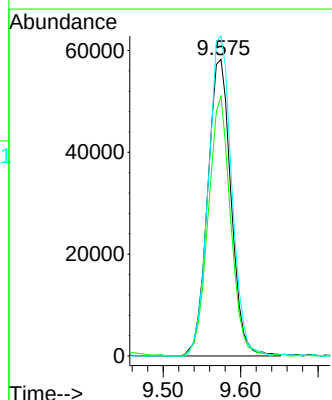
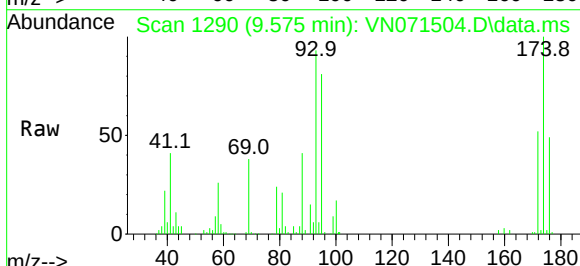
Tgt Ion: 93 Resp: 122399

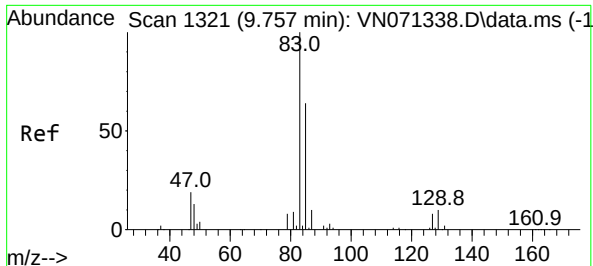
Ion Ratio Lower Upper

93 100

95 83.6 0.0 168.8

174 107.4 0.0 173.6

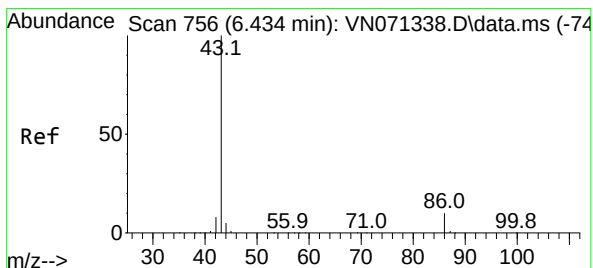
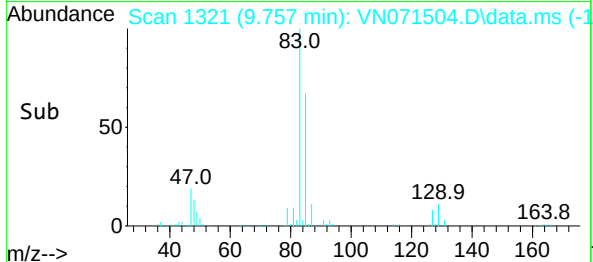
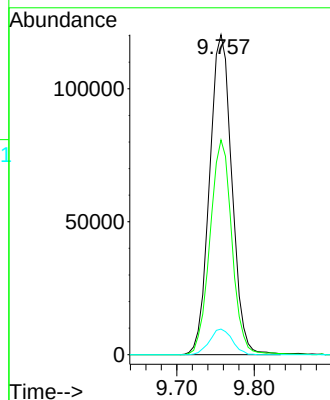
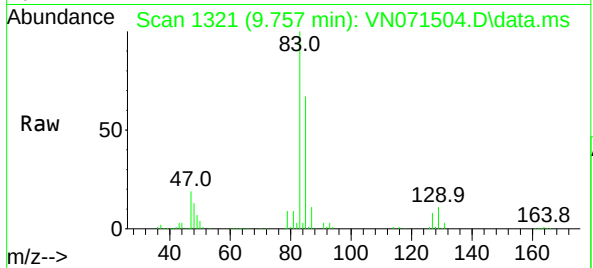




#41
Bromodichloromethane
Concen: 18.639 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

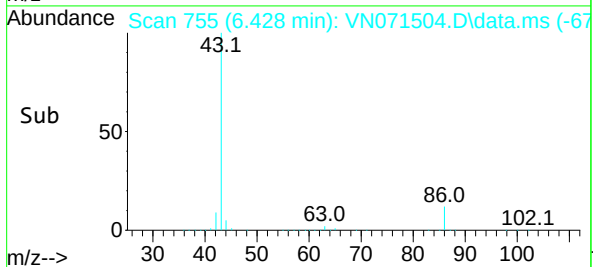
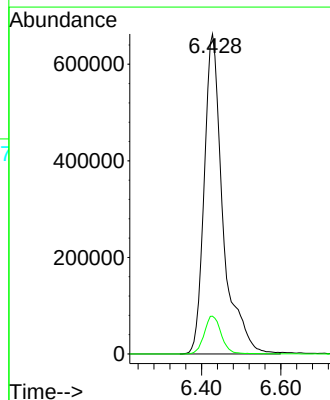
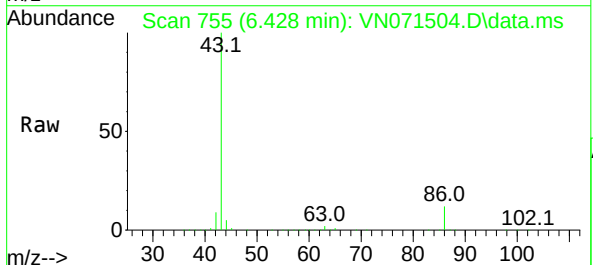
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

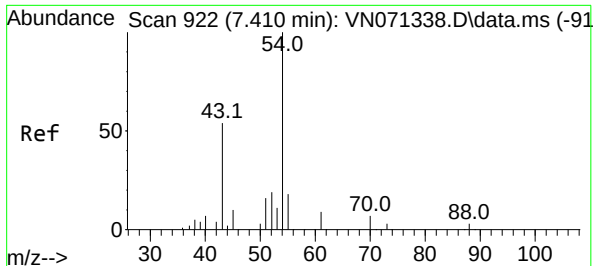
Tgt Ion: 83 Resp: 240798
Ion Ratio Lower Upper
83 100
85 67.1 54.1 81.1
127 8.0 7.6 11.4



#42
Vinyl Acetate
Concen: 75.983 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 43 Resp: 2170257
Ion Ratio Lower Upper
43 100
86 10.7 7.5 11.3





#43

Ethyl Acetate

Concen: 14.341 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

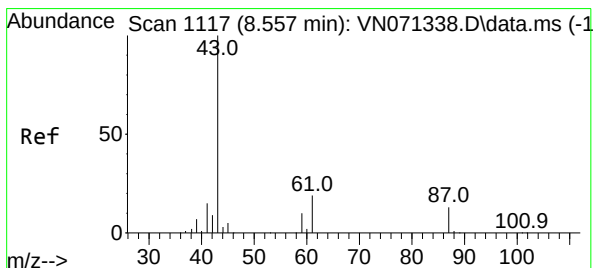
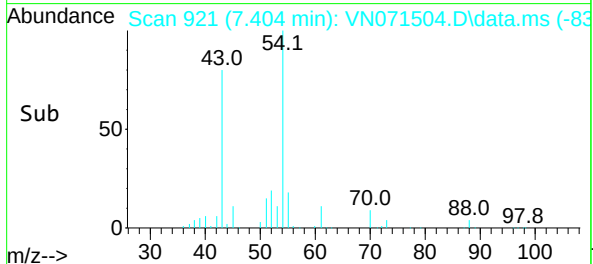
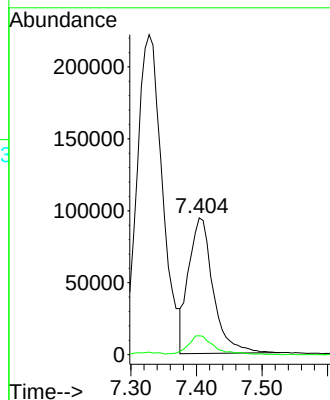
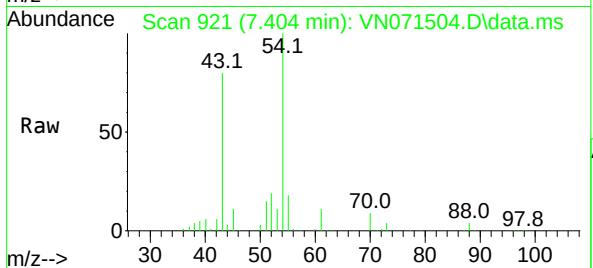
VSTDCCC020

Tgt Ion: 43 Resp: 243769

Ion Ratio Lower Upper

43 100

45 13.1 10.6 16.0



#44

Isopropyl Acetate

Concen: 14.293 ug/l

RT: 8.557 min Scan# 1117

Delta R.T. -0.000 min

Lab File: VN071504.D

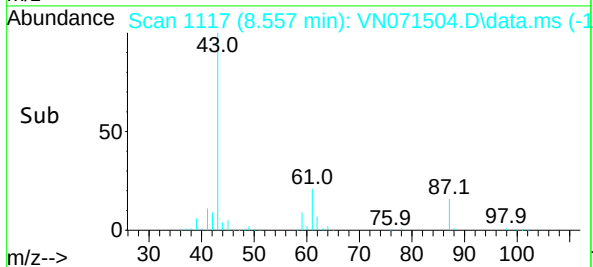
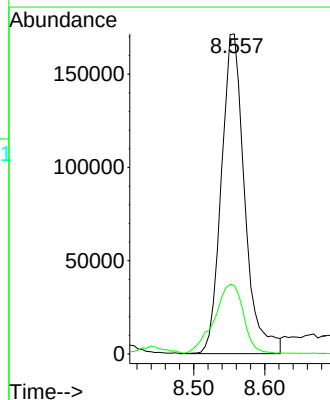
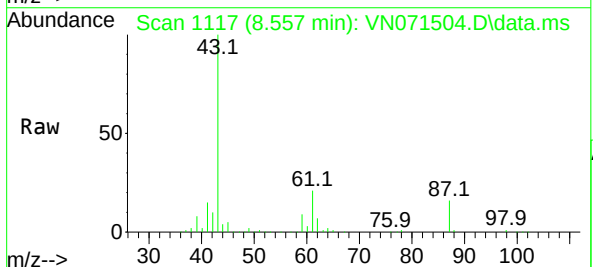
Acq: 23 Mar 2022 12:43

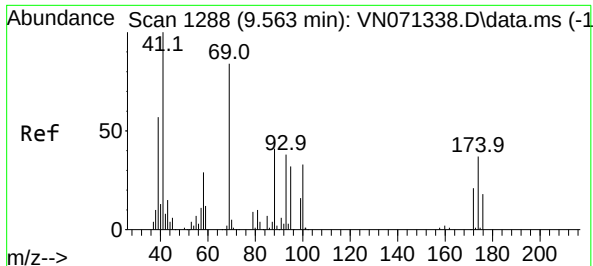
Tgt Ion: 43 Resp: 390688

Ion Ratio Lower Upper

43 100

61 27.6 20.1 30.1





#45

1,4-Dioxane

Concen: 307.751 ug/l

RT: 9.569 min Scan# 1288

Delta R.T. 0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

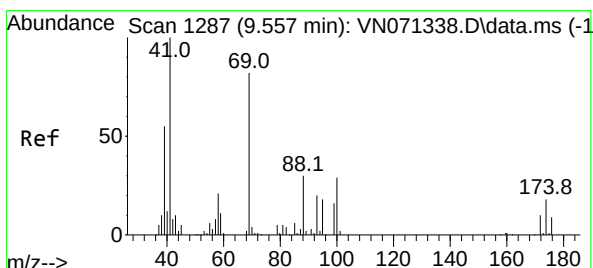
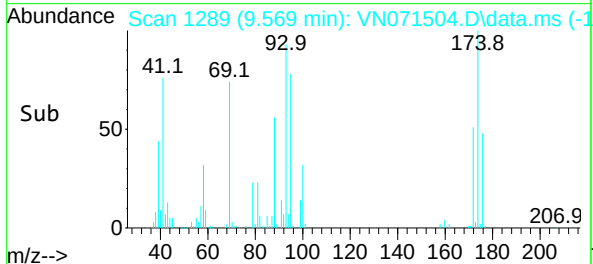
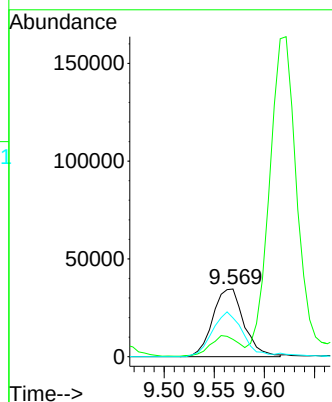
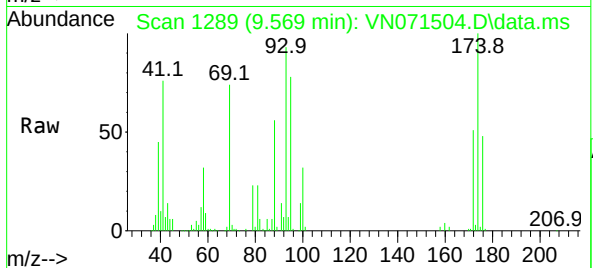
Tgt Ion: 88 Resp: 74913

Ion Ratio Lower Upper

88 100

43 27.4 25.0 37.6

58 64.4 49.4 74.2



#46

Methyl methacrylate

Concen: 13.537 ug/l

RT: 9.551 min Scan# 1286

Delta R.T. -0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

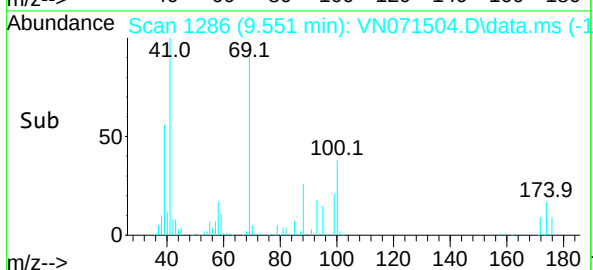
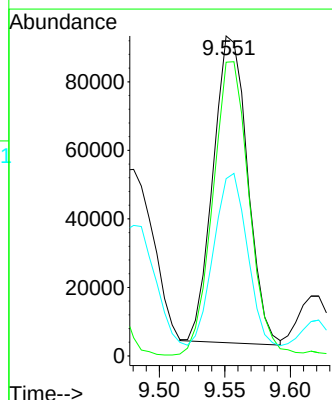
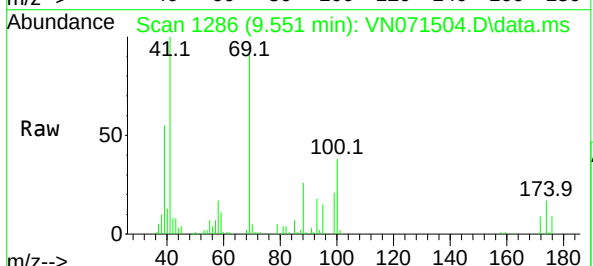
Tgt Ion: 41 Resp: 163700

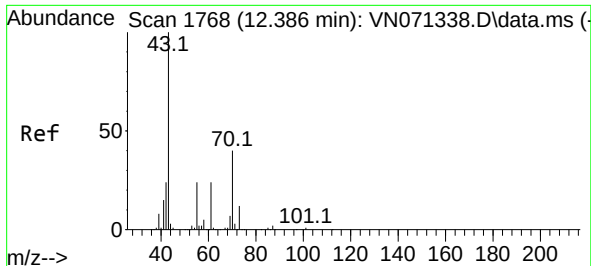
Ion Ratio Lower Upper

41 100

69 95.8 44.4 133.2

39 54.9 39.9 119.6

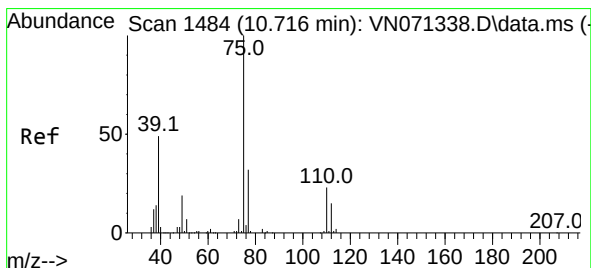
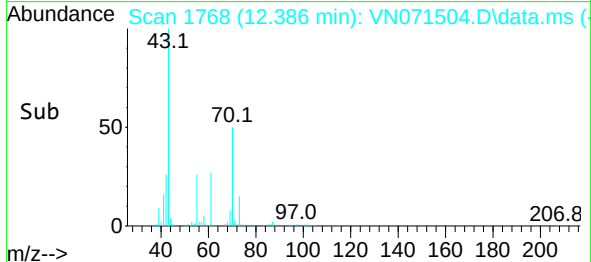
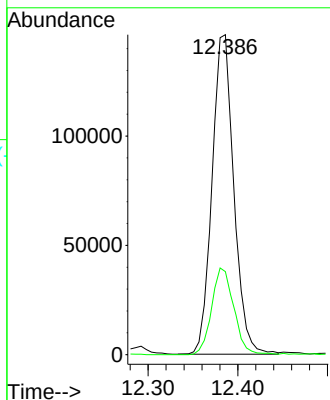
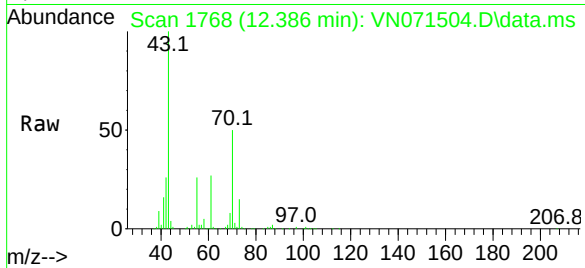




#47
n-amy1 Acetate
Concen: 13.583 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

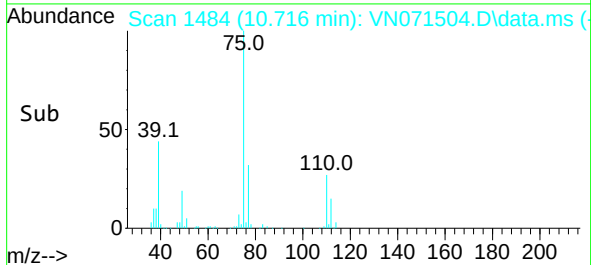
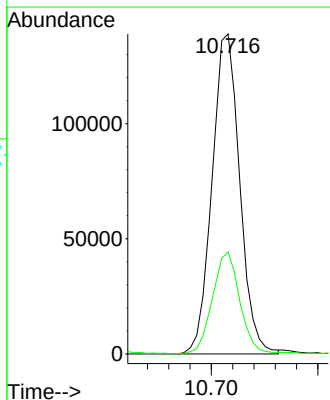
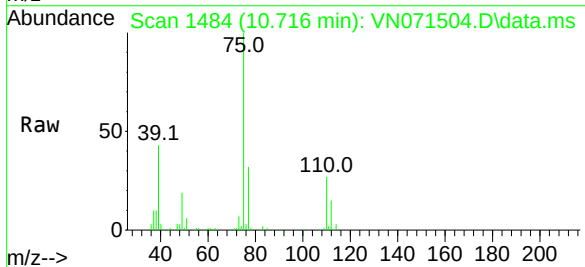
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

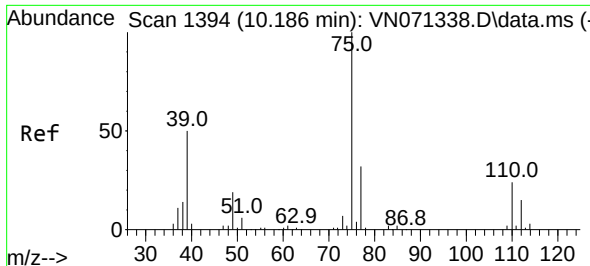
Tgt Ion: 43 Resp: 246285
Ion Ratio Lower Upper
43 100
55 27.7 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 17.795 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 75 Resp: 250404
Ion Ratio Lower Upper
75 100
77 31.7 25.3 37.9

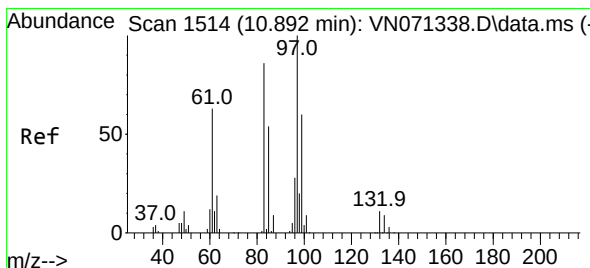
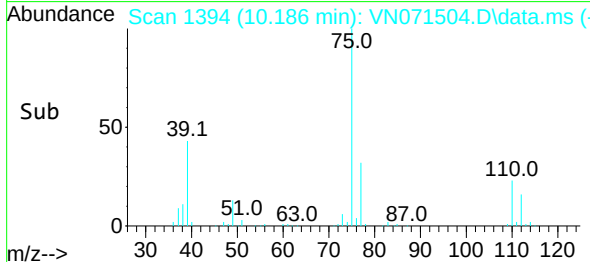
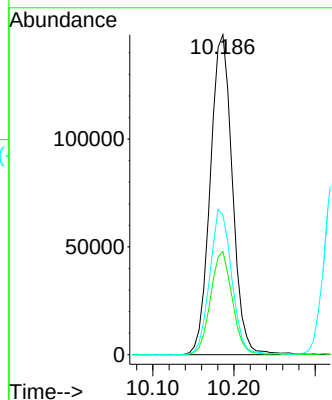
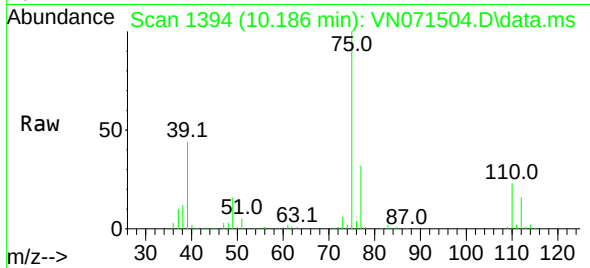




#49
 cis-1,3-Dichloropropene
 Concen: 18.443 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN071504.D
 Acq: 23 Mar 2022 12:43

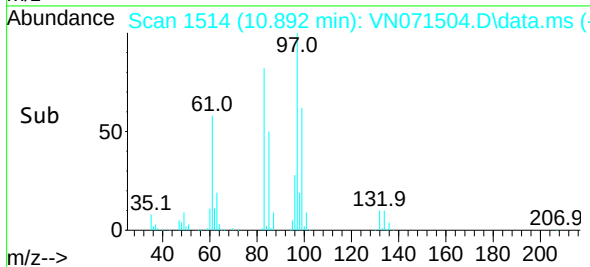
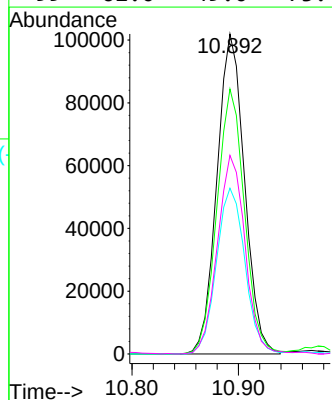
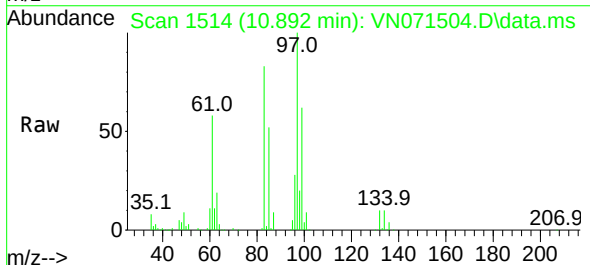
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

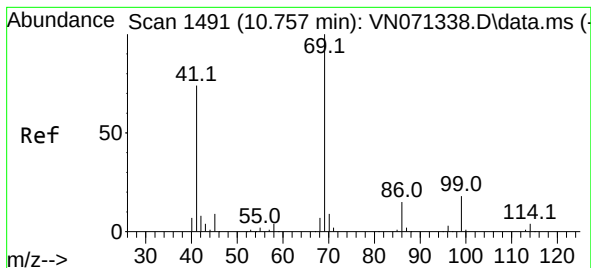
Tgt Ion: 75 Resp: 280598
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 43.6 46.2 69.4#



#50
 1,1,2-Trichloroethane
 Concen: 19.623 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN071504.D
 Acq: 23 Mar 2022 12:43

Tgt Ion: 97 Resp: 183091
 Ion Ratio Lower Upper
 97 100
 83 82.8 67.2 100.8
 85 51.8 43.0 64.4
 99 62.0 49.0 73.4

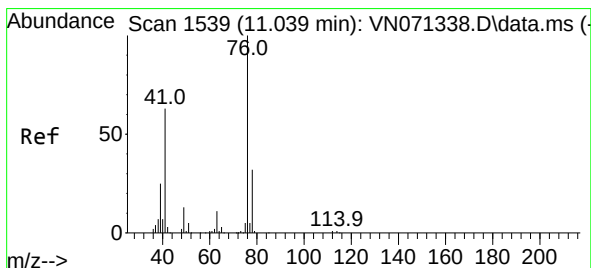
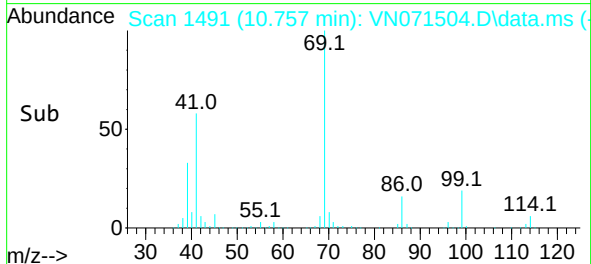
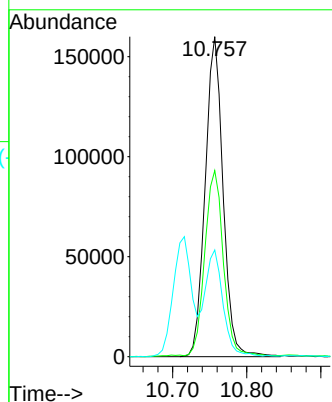
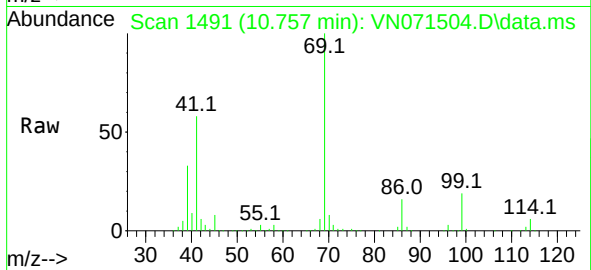




#51
Ethyl methacrylate
Concen: 16.722 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

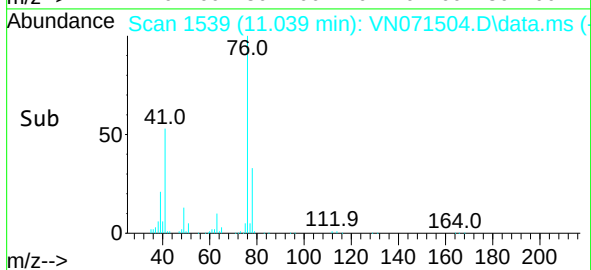
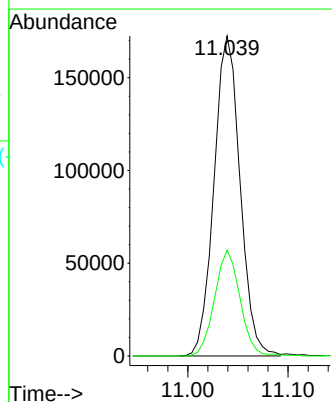
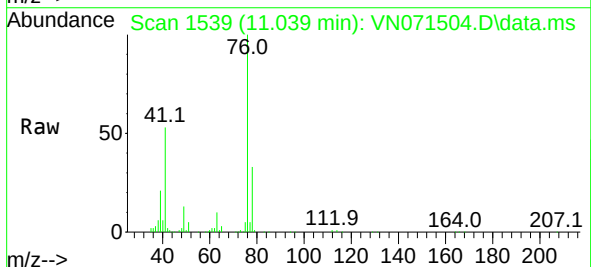
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

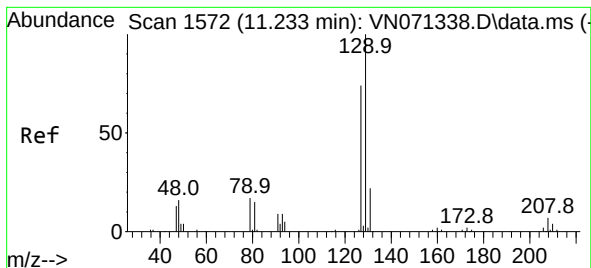
Tgt Ion: 69 Resp: 268400
Ion Ratio Lower Upper
69 100
41 57.8 33.0 98.9
39 33.1 25.4 76.4



#52
1,3-Dichloropropane
Concen: 18.503 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 76 Resp: 310916
Ion Ratio Lower Upper
76 100
78 32.0 0.0 65.4





#53

Dibromochloromethane

Concen: 19.102 ug/l

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

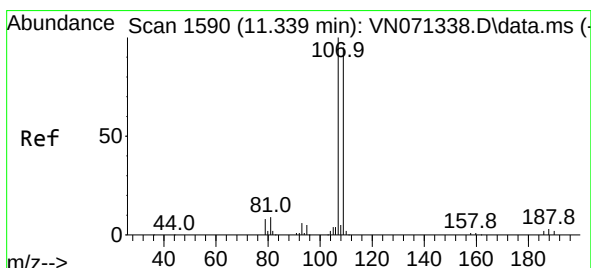
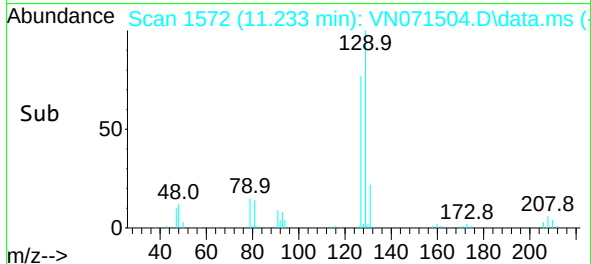
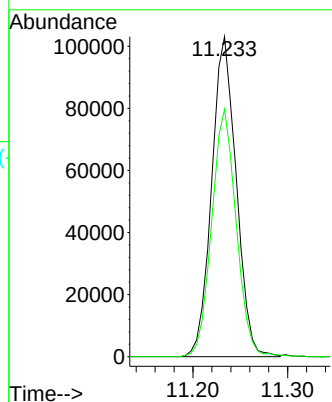
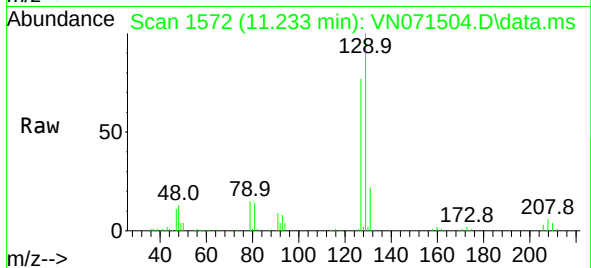
VSTDCCC020

Tgt Ion:129 Resp: 185799

Ion Ratio Lower Upper

129 100

127 77.1 39.0 117.0



#54

1,2-Dibromoethane

Concen: 19.096 ug/l

RT: 11.339 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VN071504.D

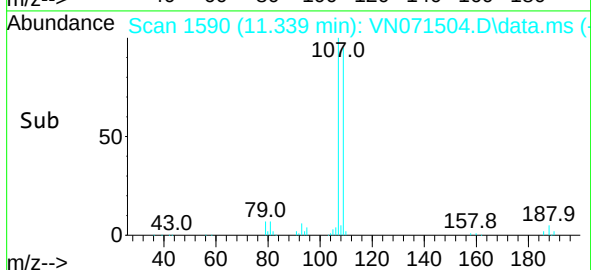
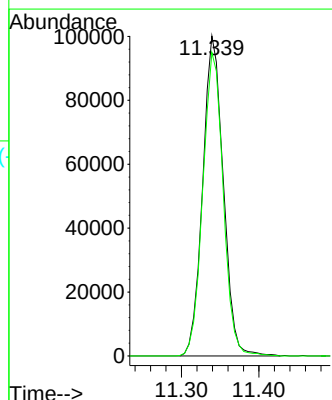
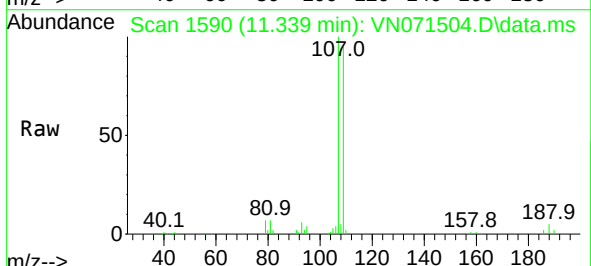
Acq: 23 Mar 2022 12:43

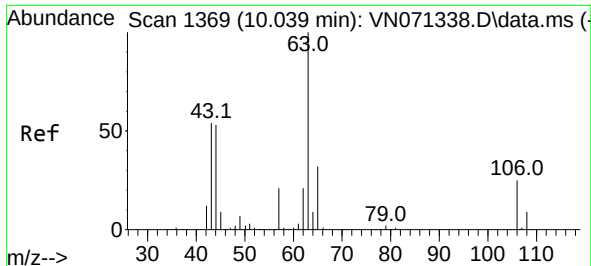
Tgt Ion:107 Resp: 184740

Ion Ratio Lower Upper

107 100

109 93.9 72.8 109.2

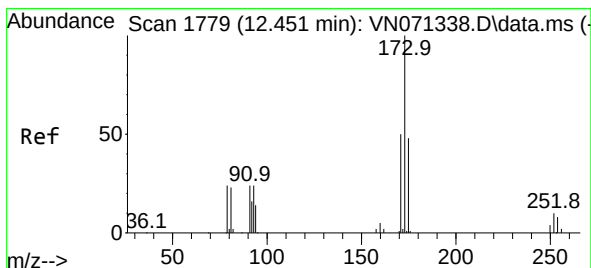
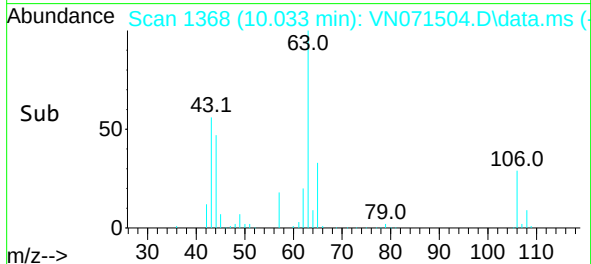
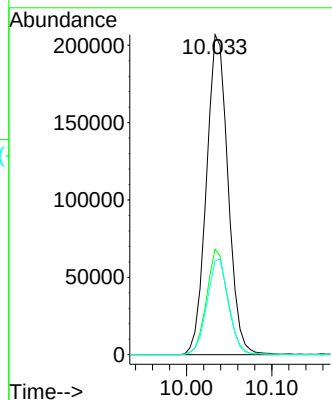
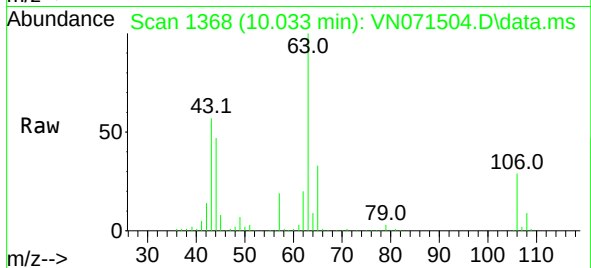




#55
2-Chloroethyl vinyl ether
Concen: 74.879 ug/l
RT: 10.033 min Scan# 1369
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

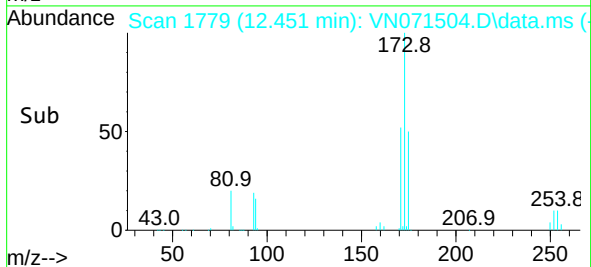
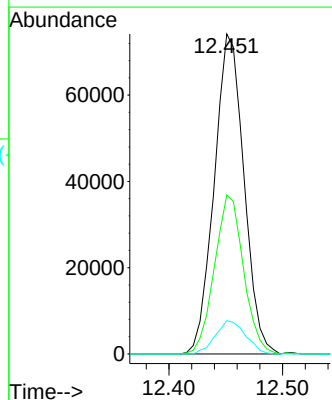
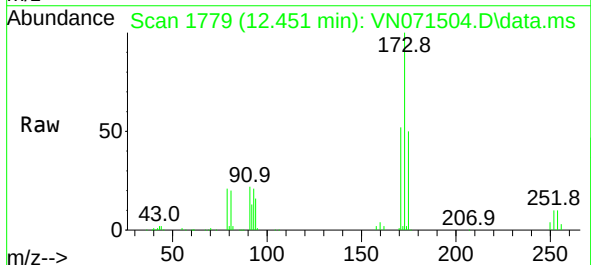
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

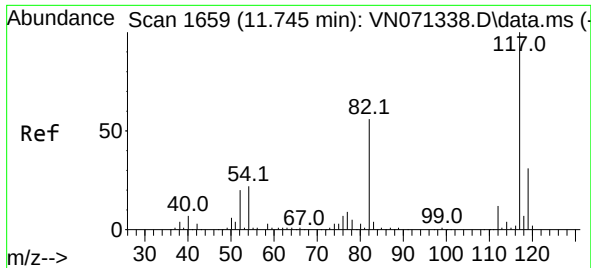
Tgt Ion: 63 Resp: 364502
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 29.9 23.2 34.8



#56
Bromoform
Concen: 17.930 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 173 Resp: 134499
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 10.6 0.0 0.0#

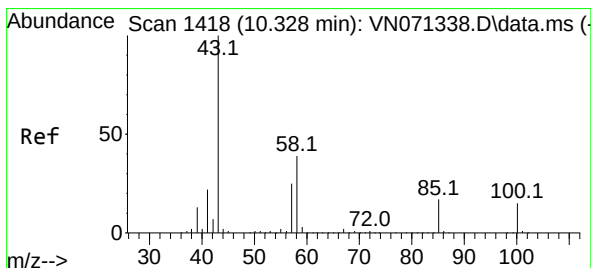
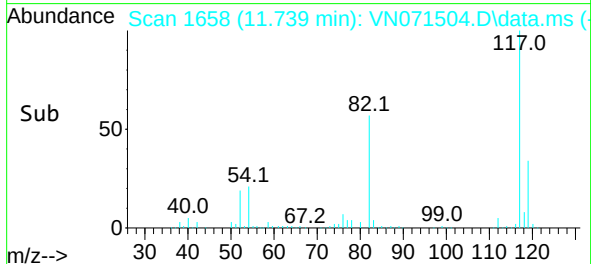
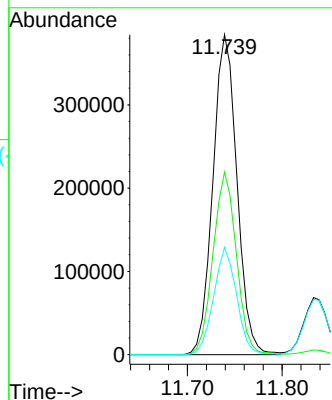
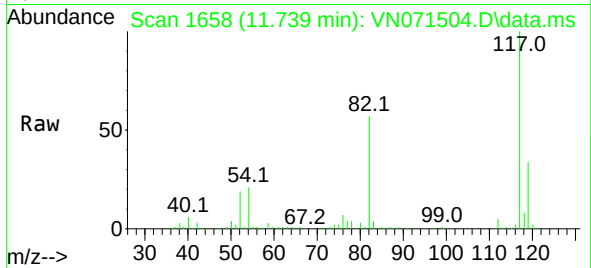




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

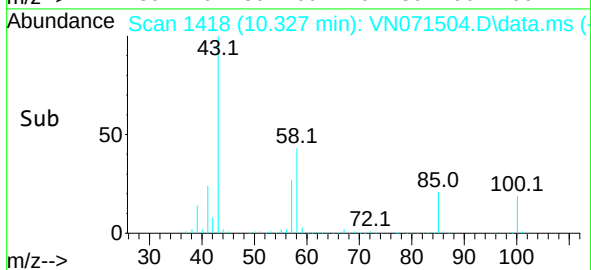
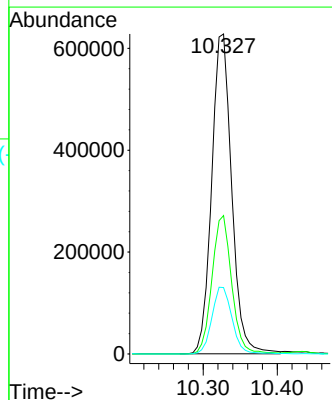
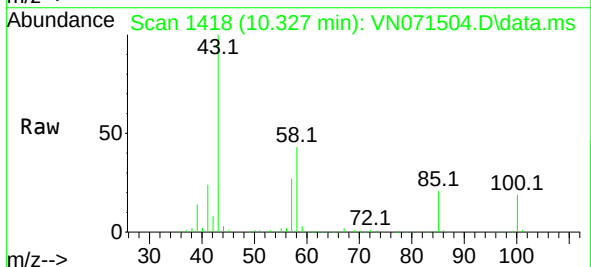
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

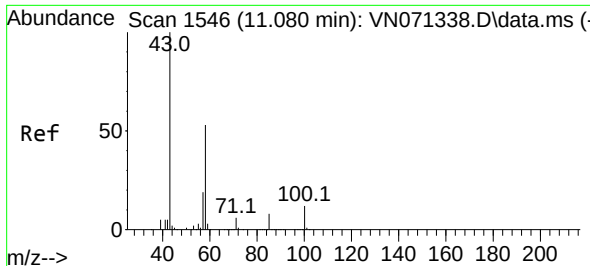
Tgt Ion:117 Resp: 679968
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 72.192 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 43 Resp: 1178732
Ion Ratio Lower Upper
43 100
58 42.7 30.0 45.0
85 20.8 15.0 22.6

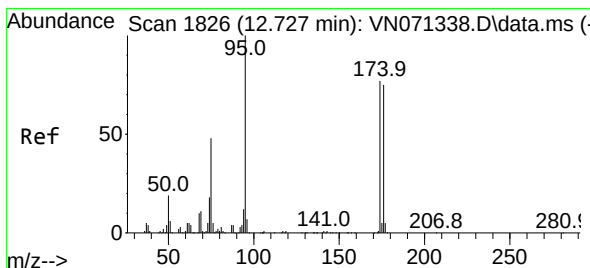
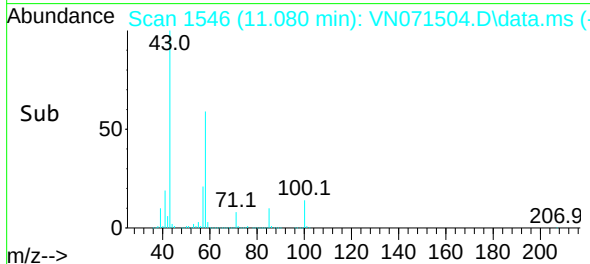
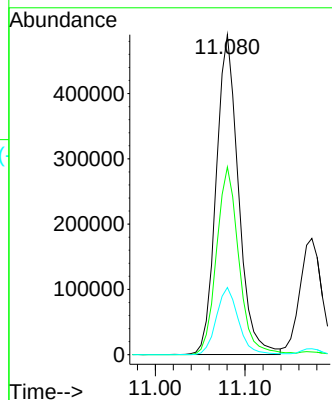
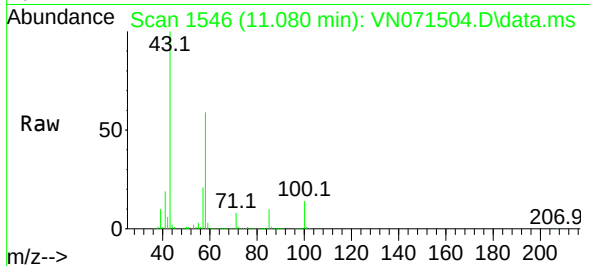




#59
2-Hexanone
Concen: 69.654 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

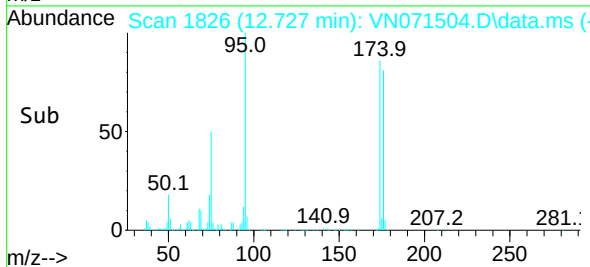
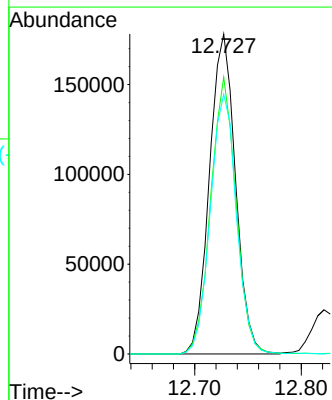
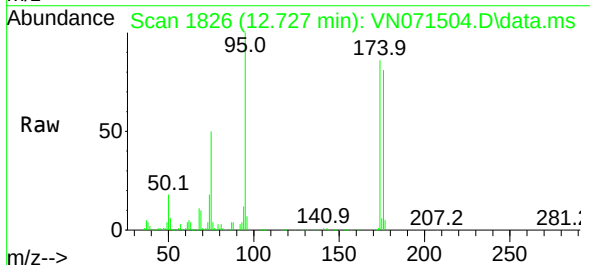
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

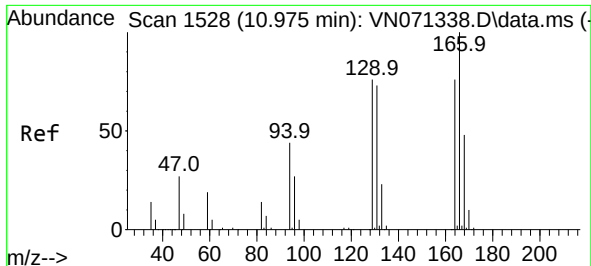
Tgt Ion: 43 Resp: 845398
Ion Ratio Lower Upper
43 100
58 58.9 42.2 63.2
57 20.9 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 28.729 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 95 Resp: 301799
Ion Ratio Lower Upper
95 100
174 84.2 62.9 94.3
176 81.5 61.0 91.4

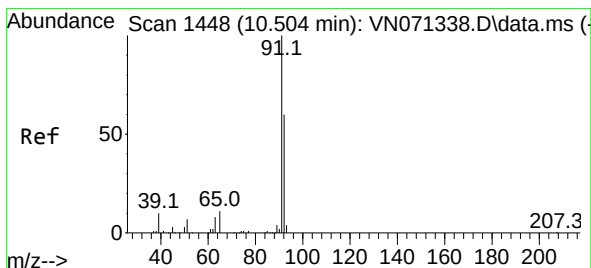
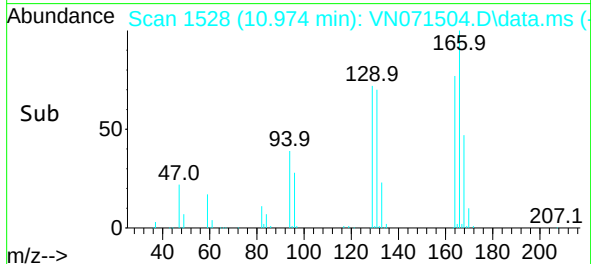
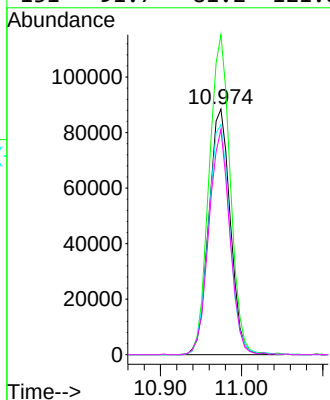
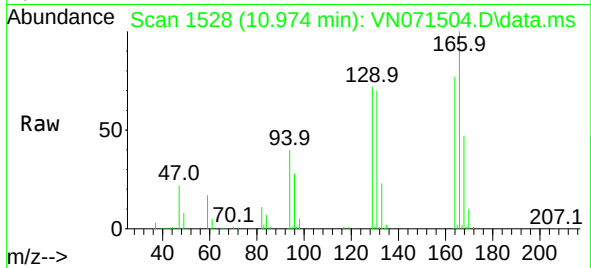




#61
Tetrachloroethene
Concen: 21.879 ug/l
RT: 10.974 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

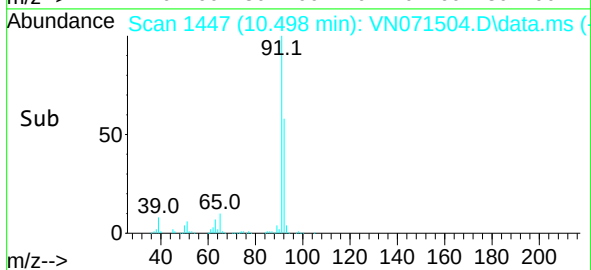
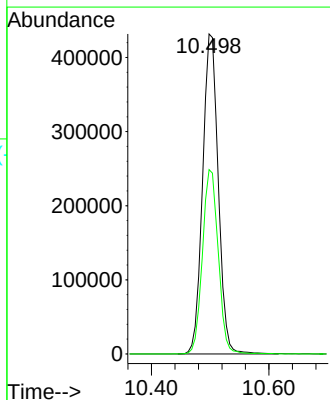
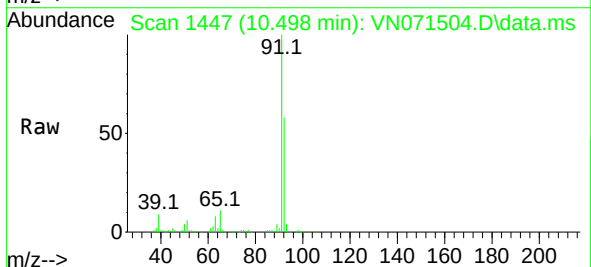
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

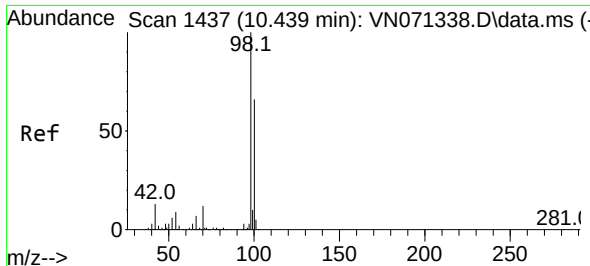
Tgt Ion:164 Resp: 162291
Ion Ratio Lower Upper
164 100
166 130.3 105.8 158.8
129 93.6 82.5 123.7
131 91.7 81.2 121.8



#62
Toluene
Concen: 20.587 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 91 Resp: 800375
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0

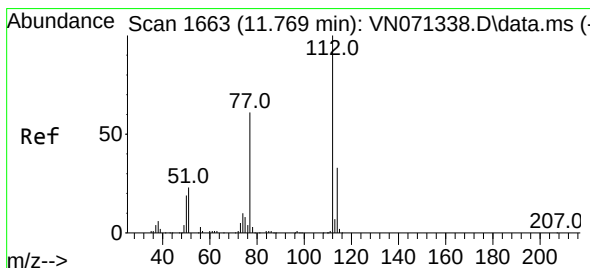
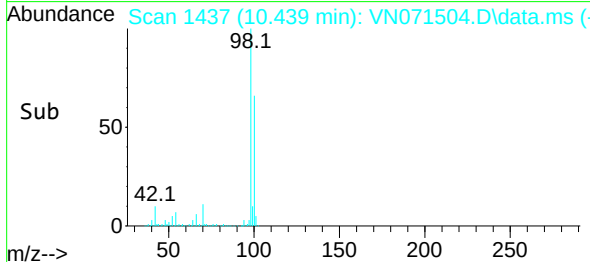
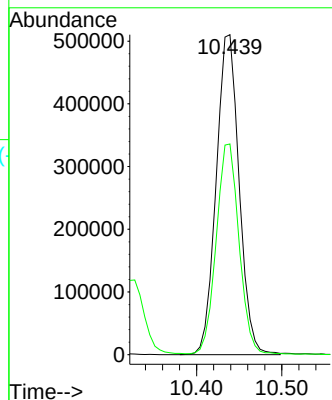
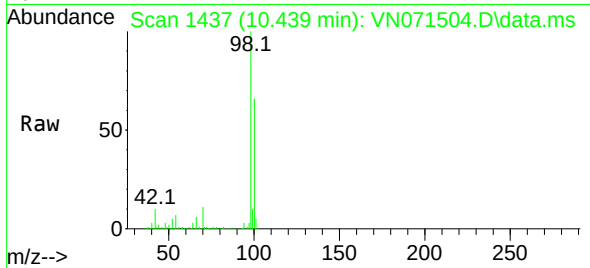




#63
Toluene-d8
Concen: 30.602 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

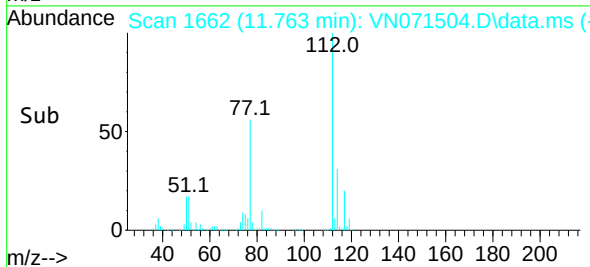
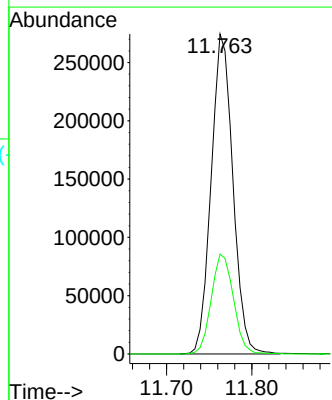
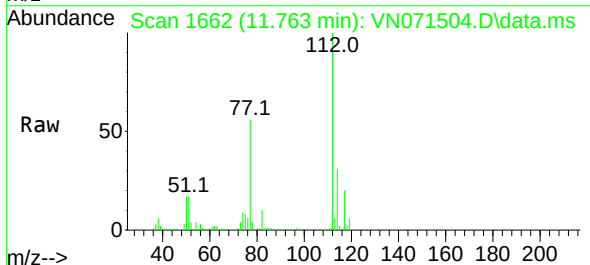
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

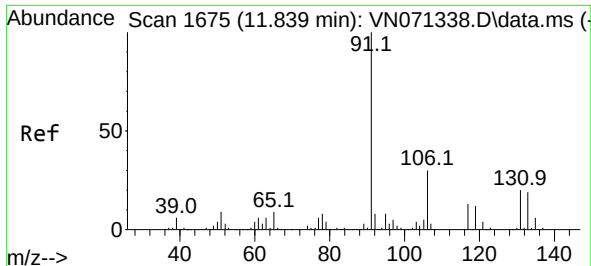
Tgt Ion: 98 Resp: 957219
Ion Ratio Lower Upper
98 100
100 65.4 50.6 76.0



#64
Chlorobenzene
Concen: 20.614 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 112 Resp: 486047
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6

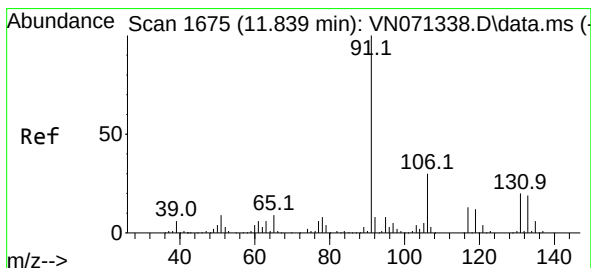
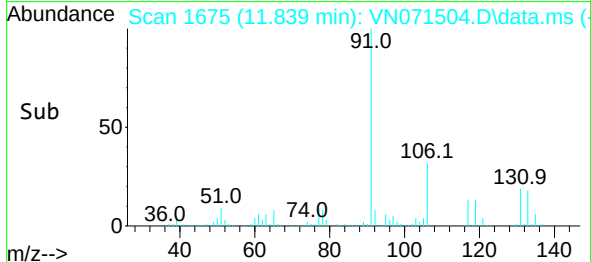
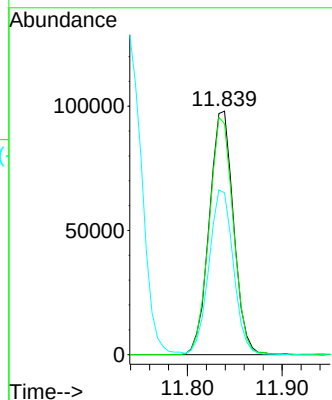
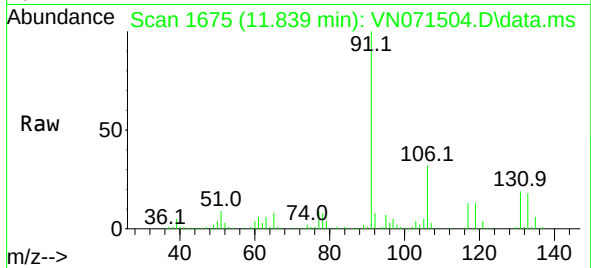




#65
1,1,1,2-Tetrachloroethane
Concen: 19.955 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

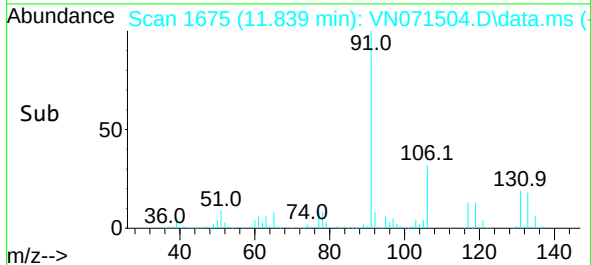
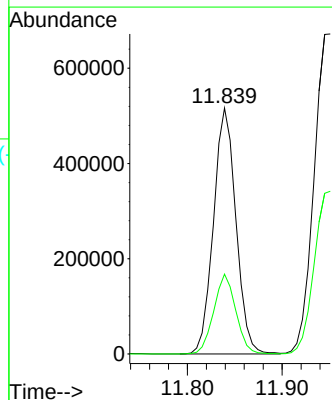
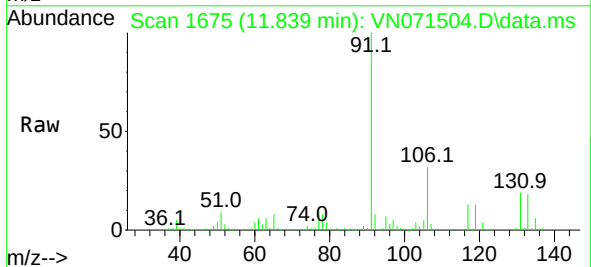
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

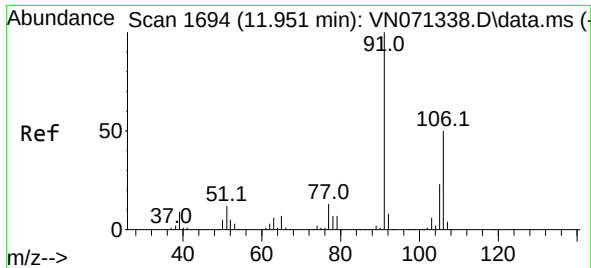
Tgt Ion:131 Resp: 174556
Ion Ratio Lower Upper
131 100
133 97.0 0.0 191.2
119 67.9 0.0 128.8



#66
Ethyl Benzene
Concen: 19.841 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 91 Resp: 850042
Ion Ratio Lower Upper
91 100
106 32.5 24.0 36.0

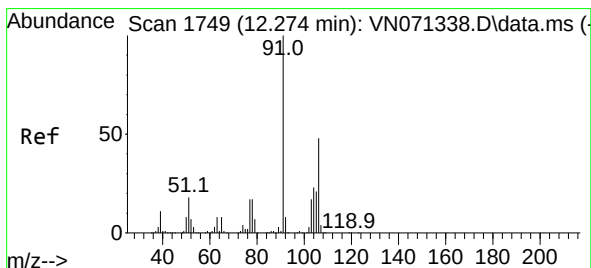
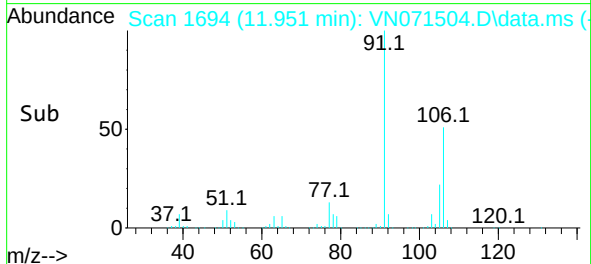
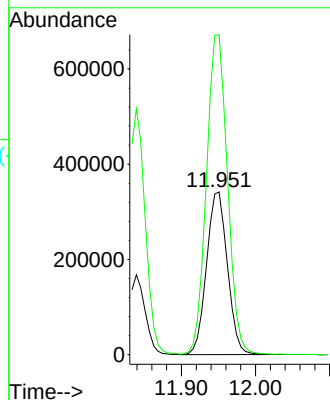
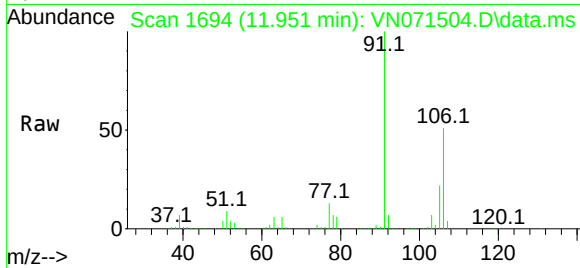




#67
m/p-Xylenes
Concen: 41.491 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

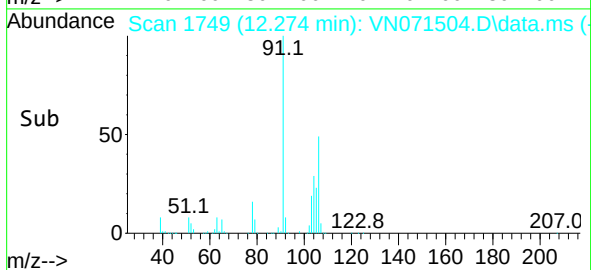
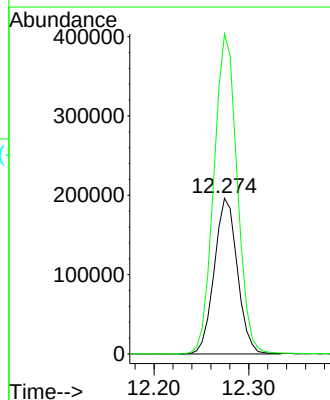
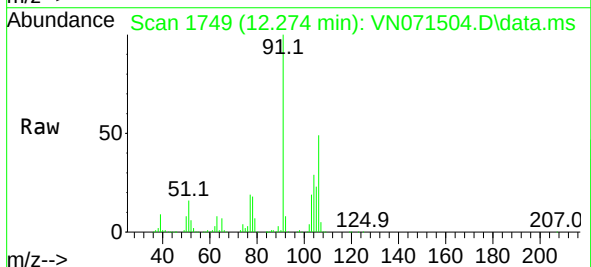
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

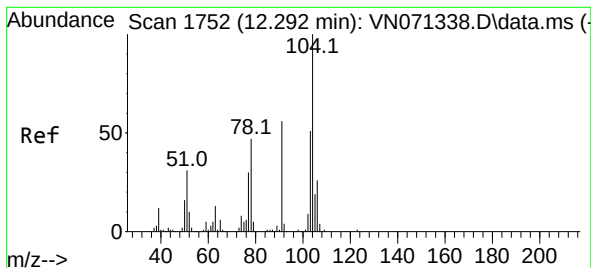
Tgt Ion:106 Resp: 667997
Ion Ratio Lower Upper
106 100
91 199.0 162.9 244.3



#68
o-Xylene
Concen: 20.521 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion:106 Resp: 332546
Ion Ratio Lower Upper
106 100
91 207.8 107.7 323.1





#69

Styrene

Concen: 19.892 ug/l

RT: 12.292 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

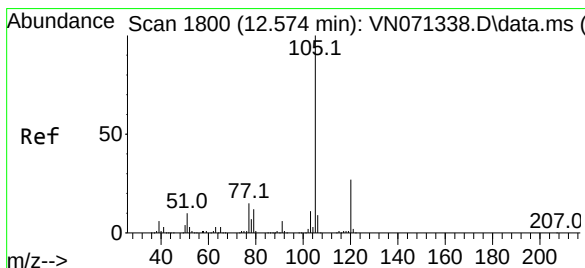
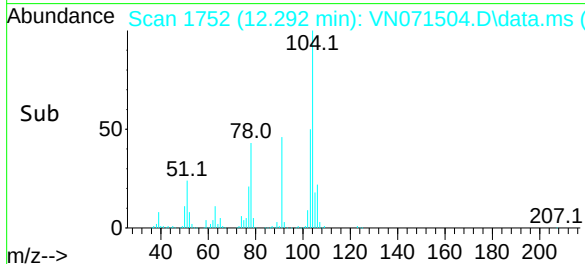
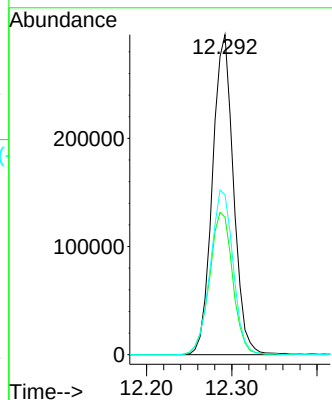
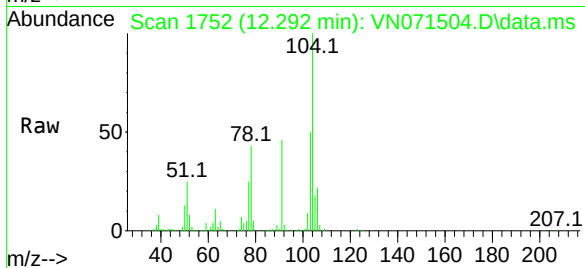
Tgt Ion:104 Resp: 507899

Ion Ratio Lower Upper

104 100

78 49.1 40.7 61.1

103 55.7 45.8 68.8



#70

Isopropylbenzene

Concen: 20.399 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VN071504.D

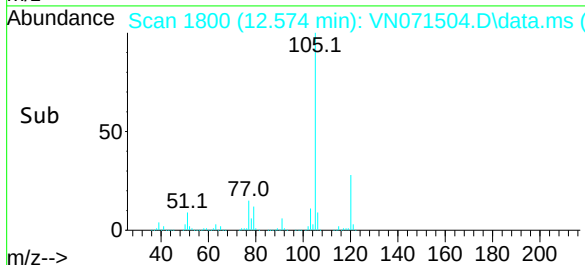
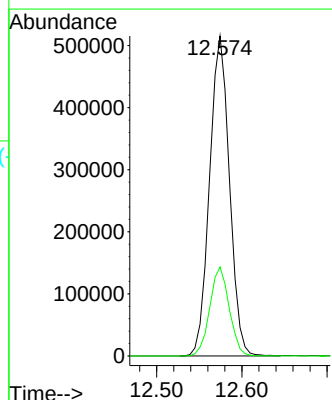
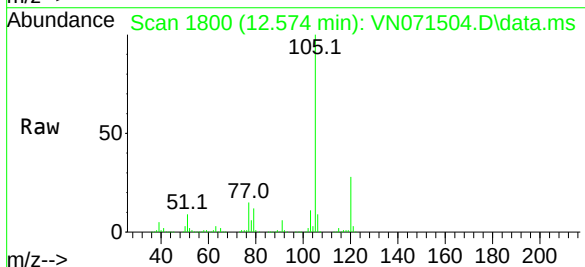
Acq: 23 Mar 2022 12:43

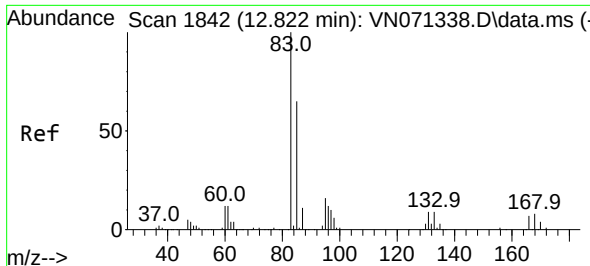
Tgt Ion:105 Resp: 836101

Ion Ratio Lower Upper

105 100

120 27.1 18.3 34.1

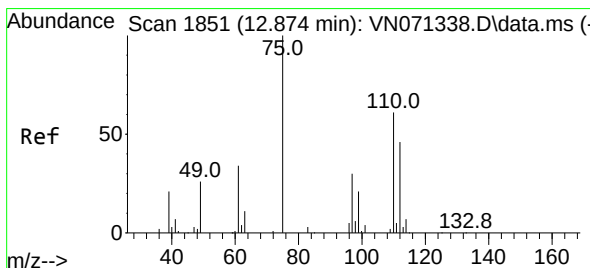
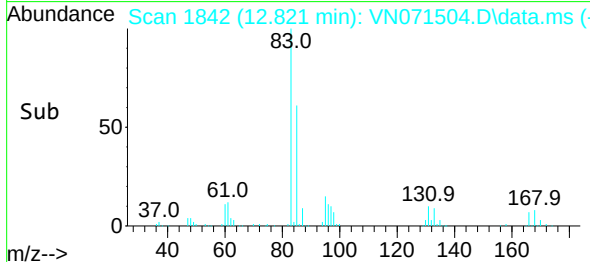
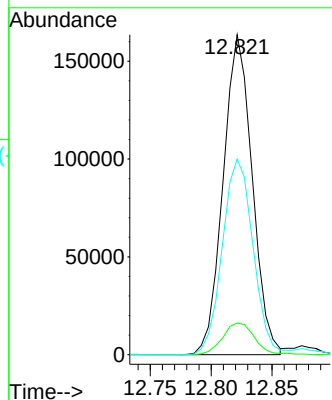
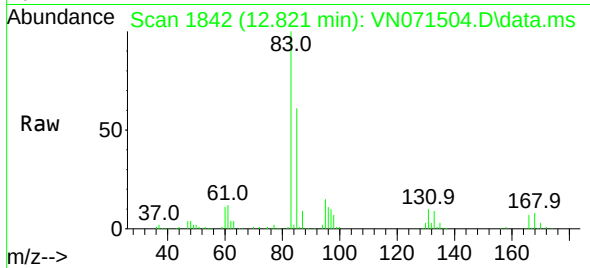




#71
1,1,2,2-Tetrachloroethane
Concen: 19.105 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

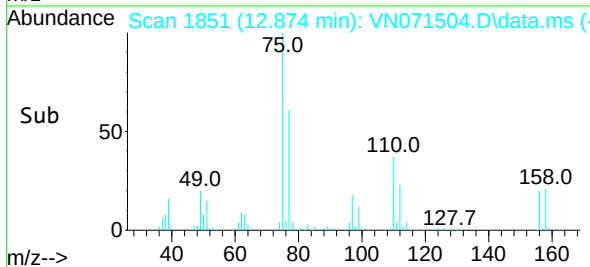
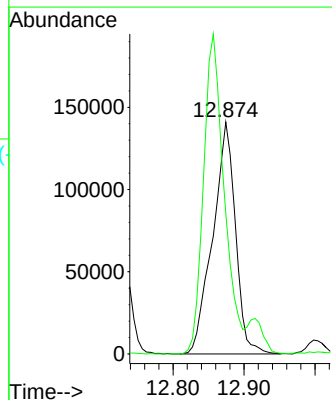
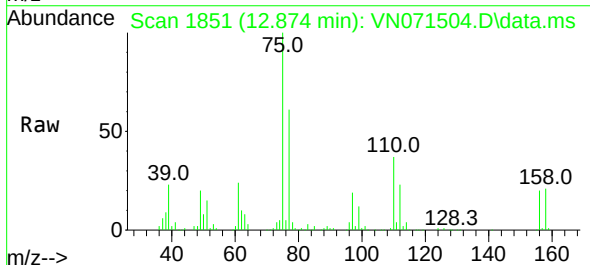
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

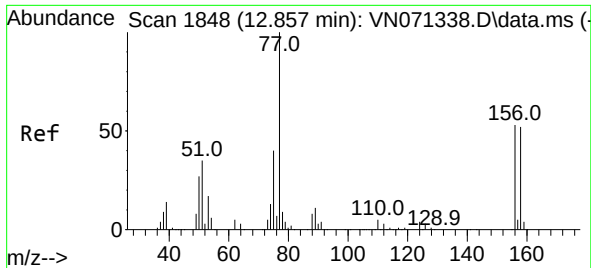
Tgt Ion: 83 Resp: 271658
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 64.4 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 24.226 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 75 Resp: 313098
Ion Ratio Lower Upper
75 100
77 125.3 0.0 378.0

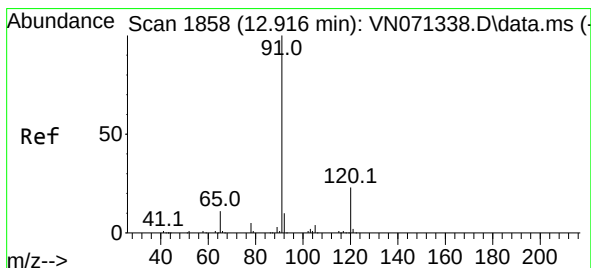
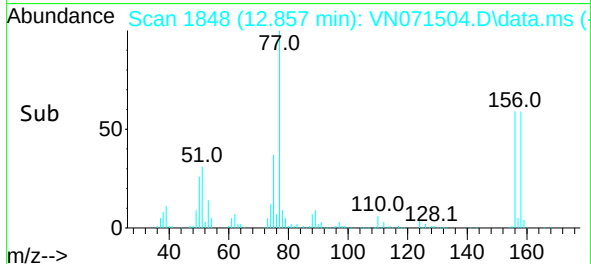
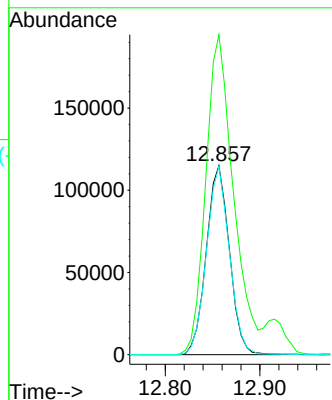
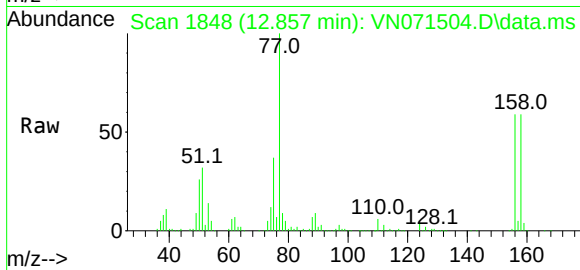




#73
Bromobenzene
Concen: 20.302 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

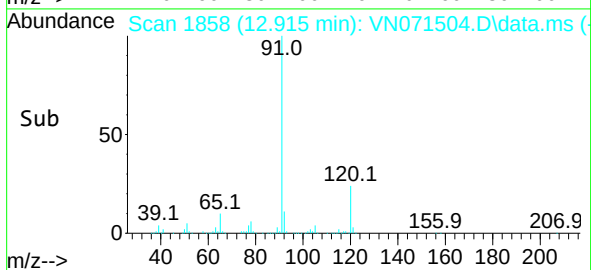
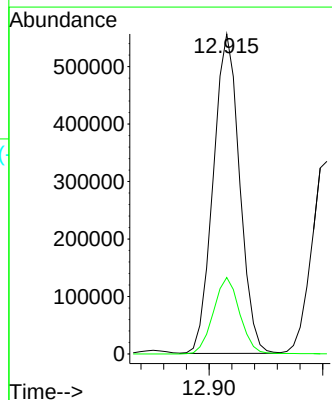
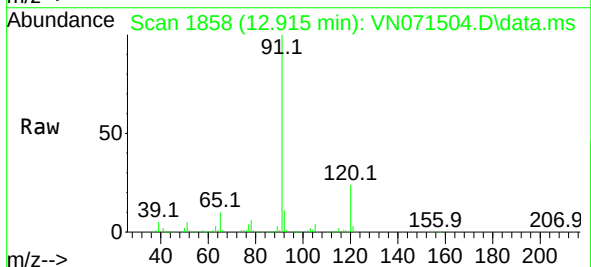
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

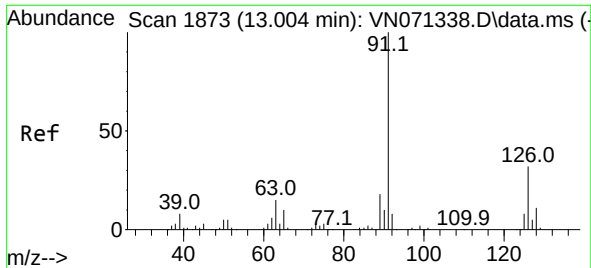
Tgt Ion:156 Resp: 194836
Ion Ratio Lower Upper
156 100
77 201.3 0.0 416.0
158 98.6 0.0 195.4



#74
n-propylbenzene
Concen: 19.840 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 91 Resp: 896269
Ion Ratio Lower Upper
91 100
120 23.9 0.0 45.0

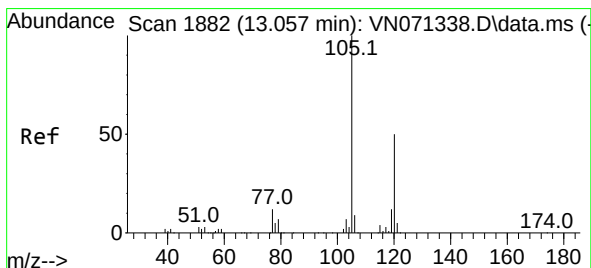
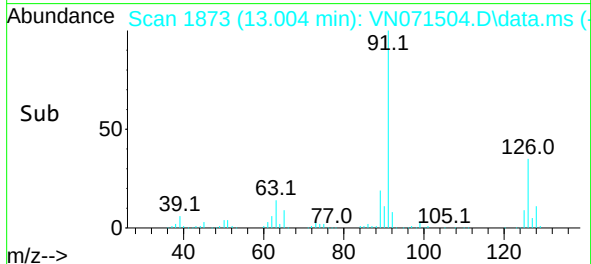
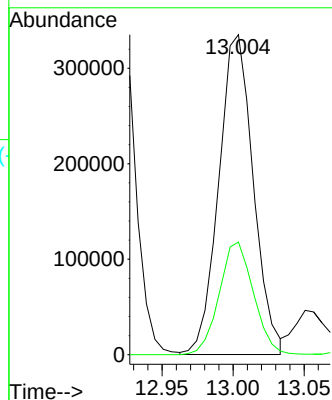
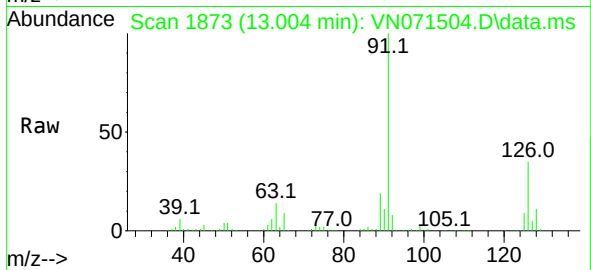




#75
2-Chlorotoluene
Concen: 20.024 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

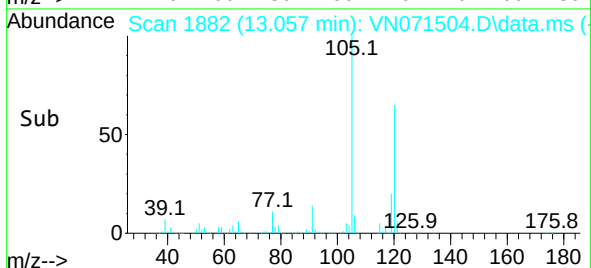
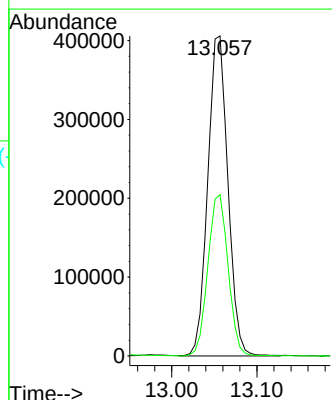
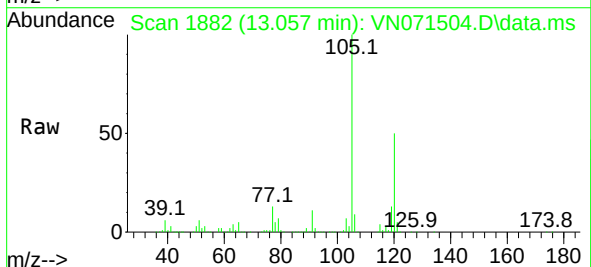
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

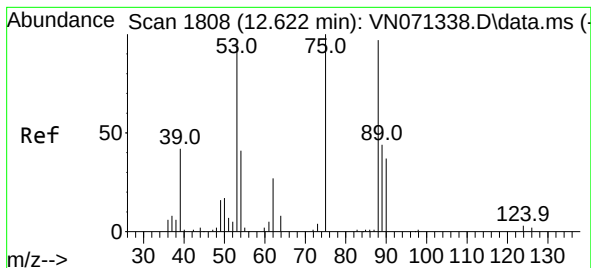
Tgt Ion: 91 Resp: 567002
Ion Ratio Lower Upper
91 100
126 35.0 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 20.478 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 105 Resp: 666245
Ion Ratio Lower Upper
105 100
120 50.6 0.0 93.8

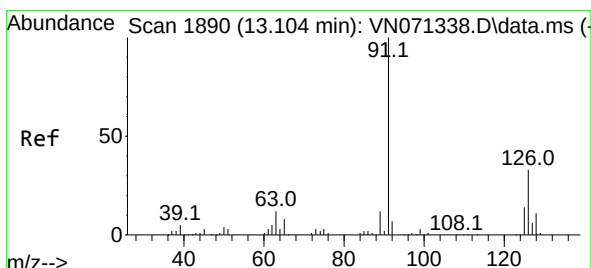
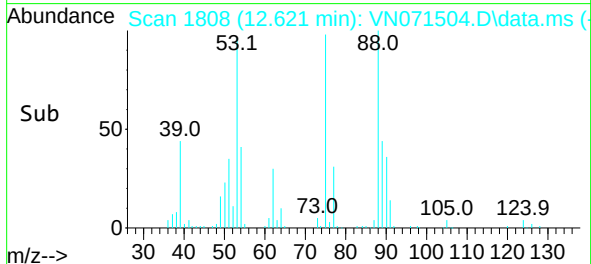
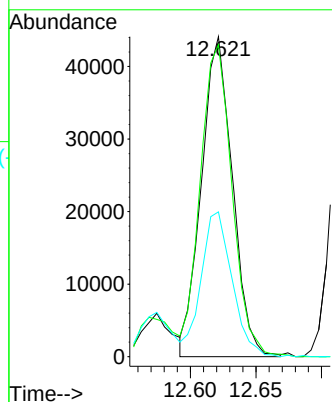
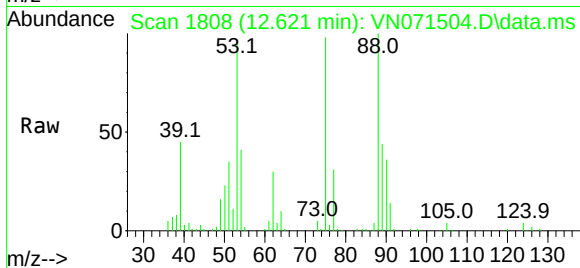




#77
t-1,4-Dichloro-2-butene
Concen: 16.953 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

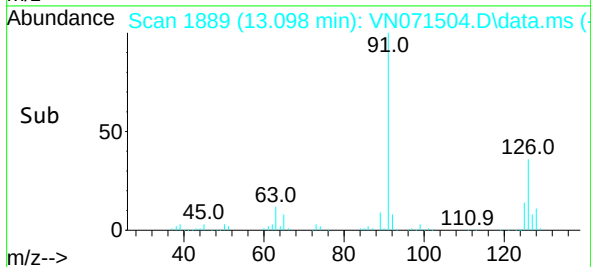
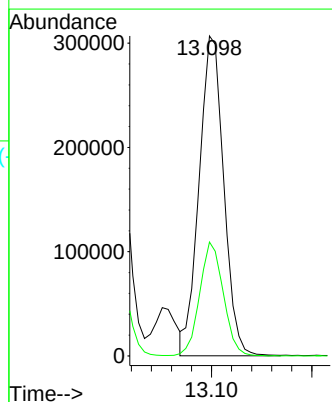
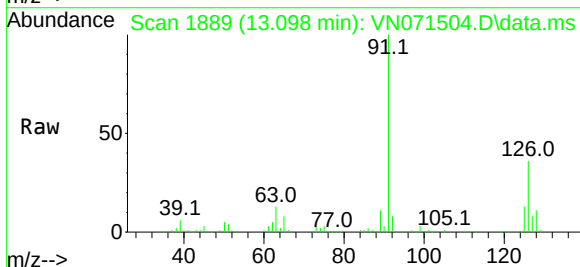
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

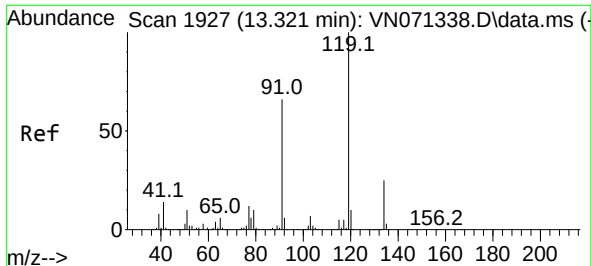
Tgt Ion:	75	Resp:	72549
Ion	Ratio	Lower	Upper
75	100		
53	97.3	51.8	155.5
89	45.5	22.9	68.7



#78
4-Chlorotoluene
Concen: 19.959 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion:	91	Resp:	523713
Ion	Ratio	Lower	Upper
91	100		
126	34.3	0.0	70.6

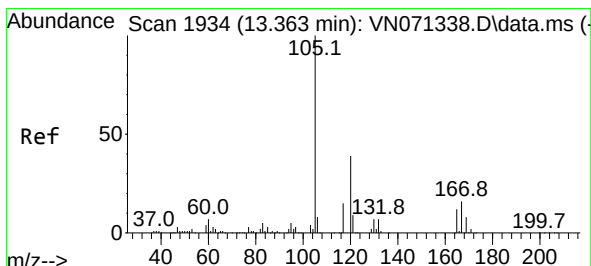
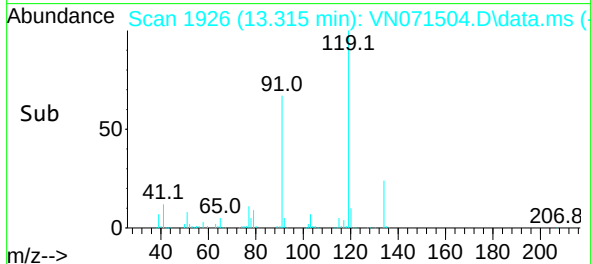
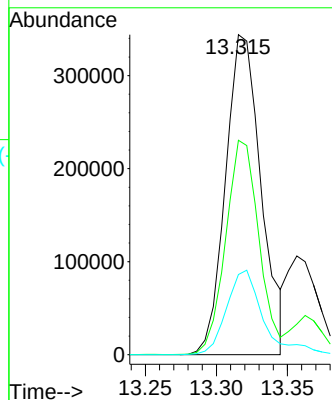
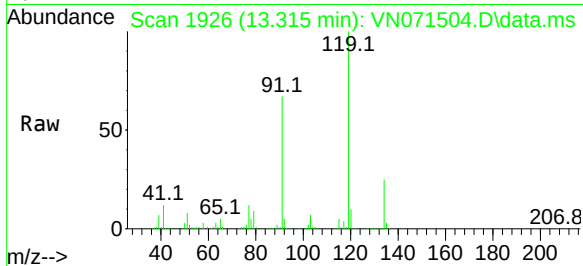




#79
tert-butylbenzene
Concen: 20.249 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

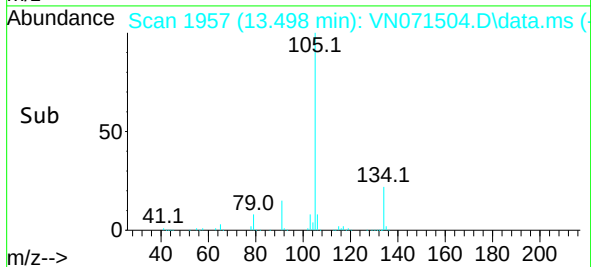
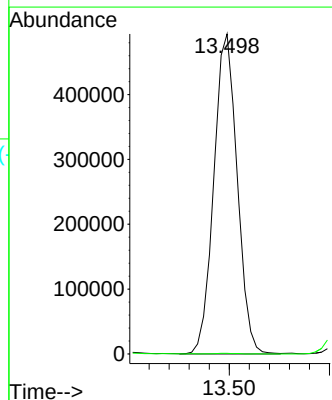
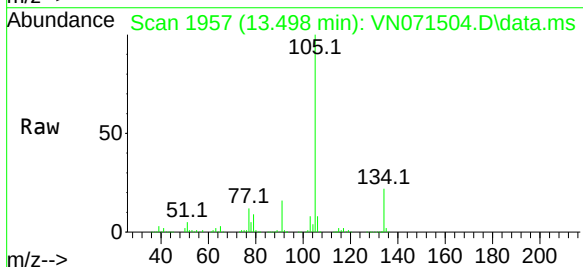
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

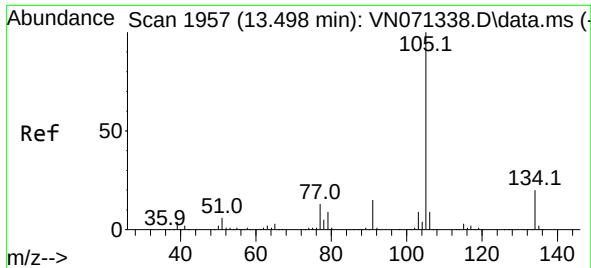
Tgt Ion:119 Resp: 601624
Ion Ratio Lower Upper
119 100
91 62.3 0.0 137.0
134 25.5 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 25.302 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.135 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion:105 Resp: 798565
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2

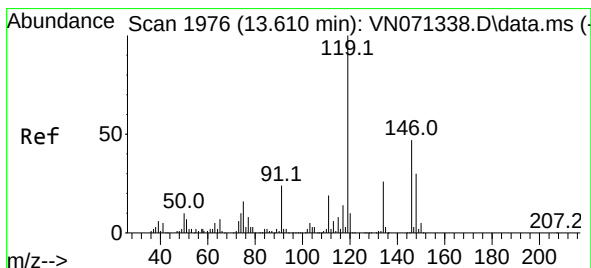
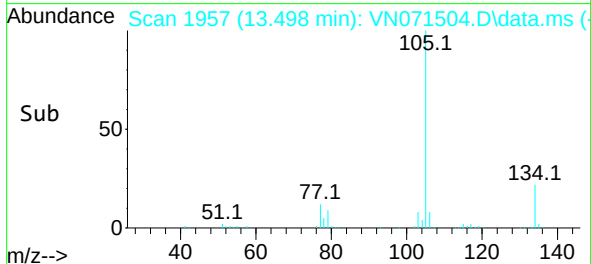
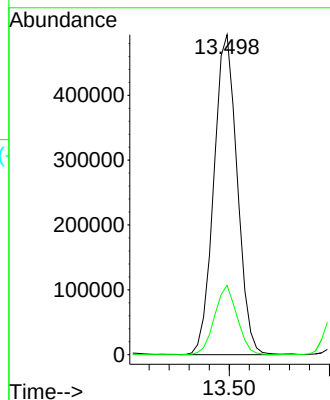
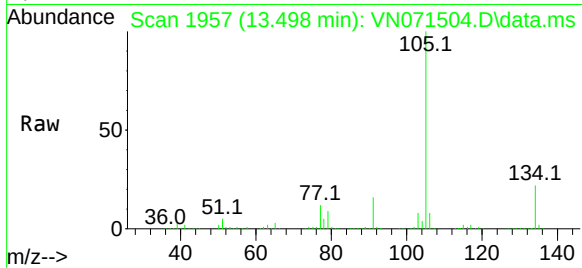




#81
 sec-Butylbenzene
 Concen: 20.191 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071504.D
 Acq: 23 Mar 2022 12:43

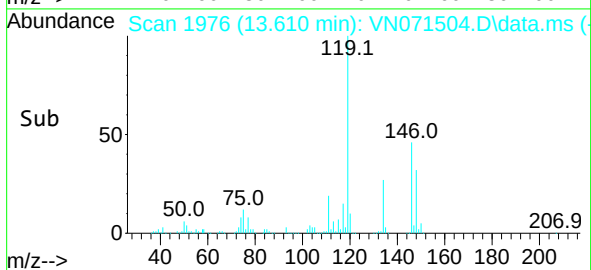
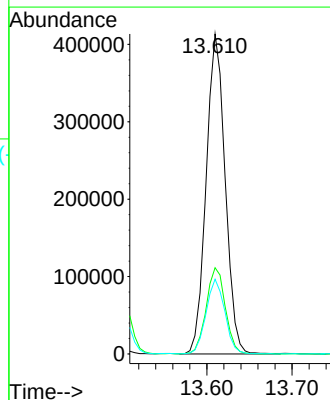
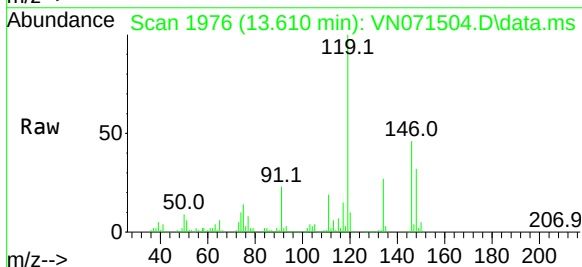
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

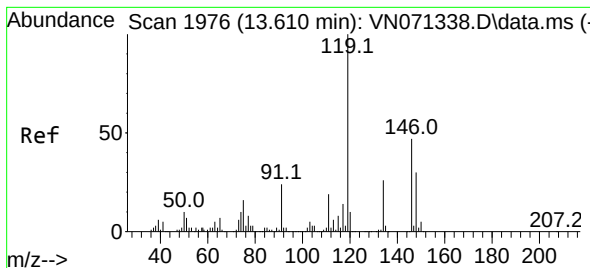
Tgt Ion:105 Resp: 798565
 Ion Ratio Lower Upper
 105 100
 134 20.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 20.151 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071504.D
 Acq: 23 Mar 2022 12:43

Tgt Ion:119 Resp: 640981
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 51.8
 91 23.0 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 21.065 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

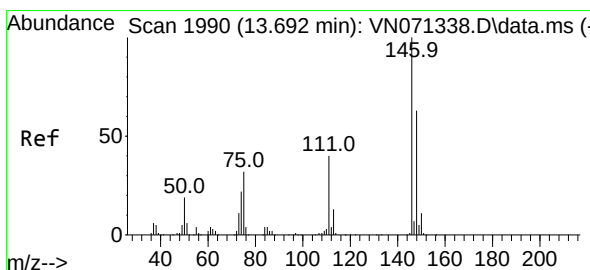
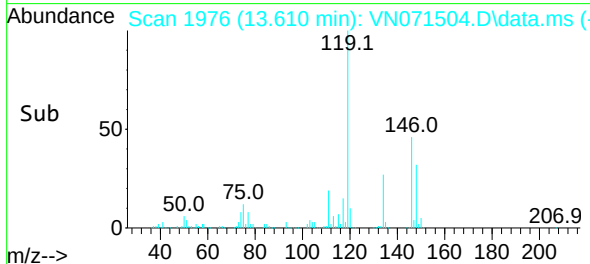
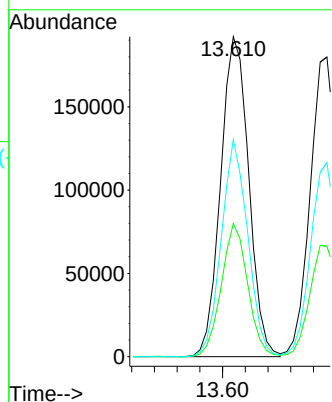
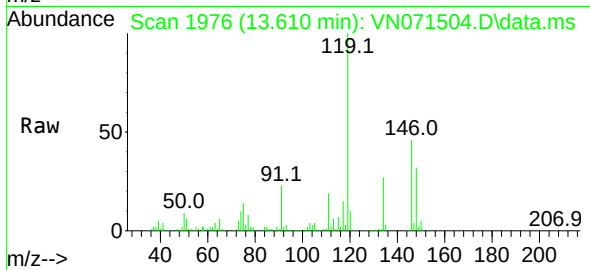
Tgt Ion:146 Resp: 330048

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.2

148 63.9 31.4 94.3



#84

1,4-Dichlorobenzene

Concen: 21.008 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

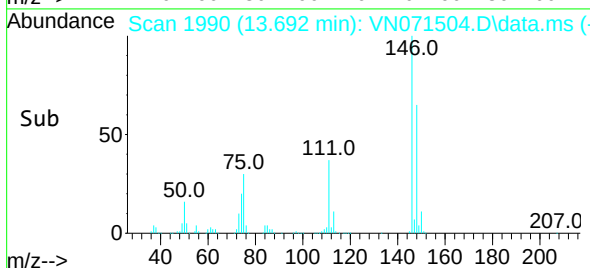
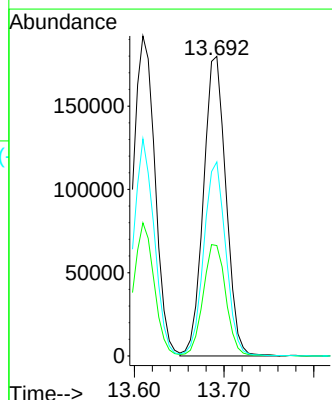
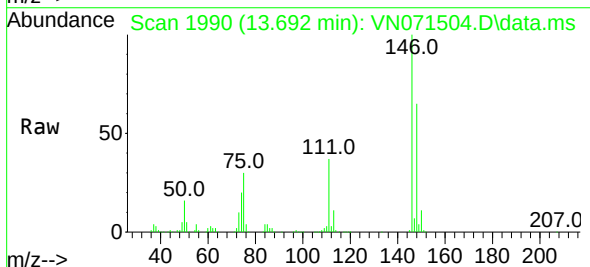
Tgt Ion:146 Resp: 313364

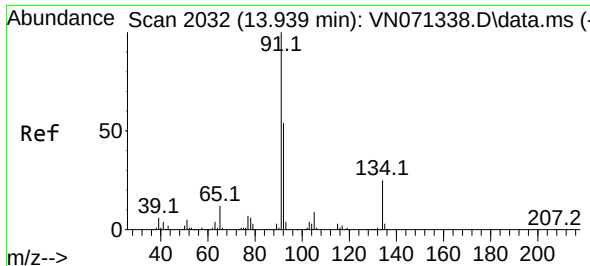
Ion Ratio Lower Upper

146 100

111 37.5 19.5 58.5

148 63.6 31.1 93.5

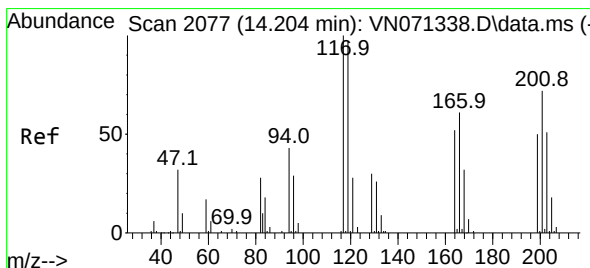
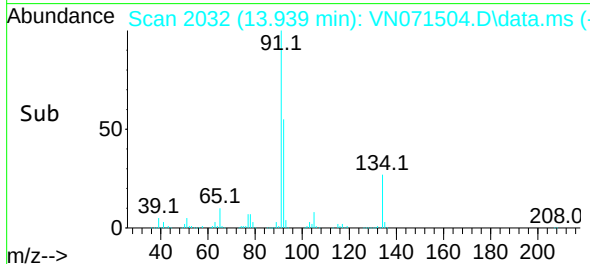
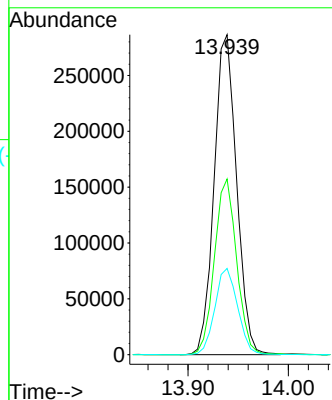
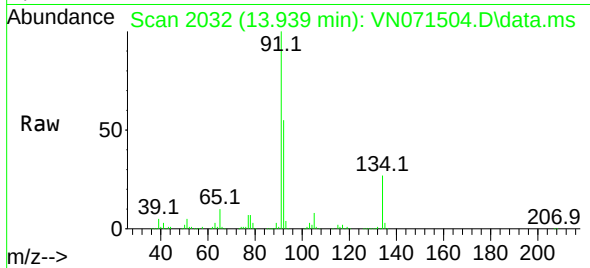




#85
n-Butylbenzene
Concen: 18.830 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

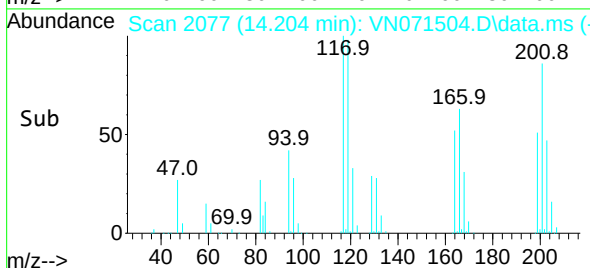
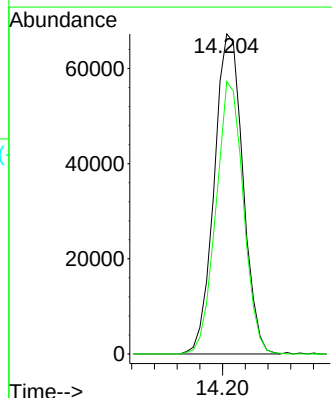
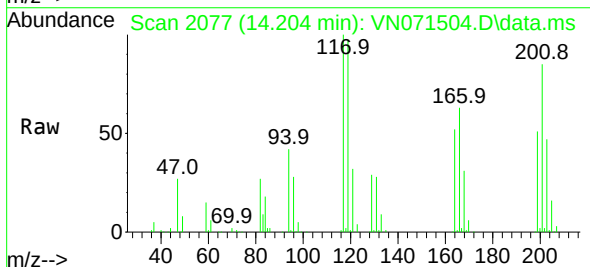
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

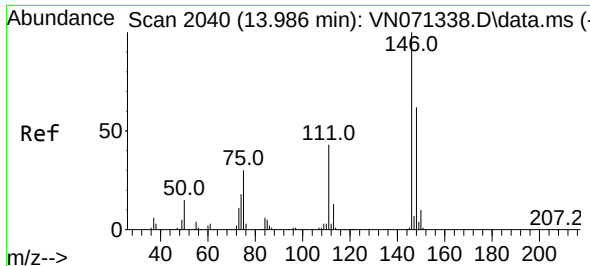
Tgt Ion: 91 Resp: 445957
Ion Ratio Lower Upper
91 100
92 54.4 0.0 100.6
134 27.5 0.0 50.2



#86
Hexachloroethane
Concen: 19.467 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 117 Resp: 117931
Ion Ratio Lower Upper
117 100
201 81.5 33.3 99.8

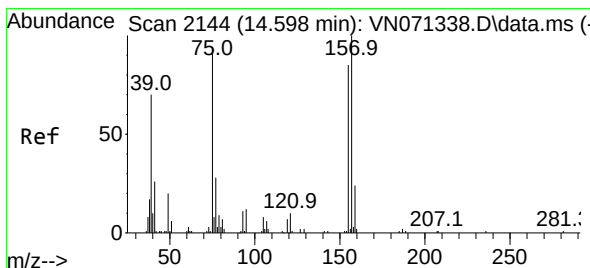
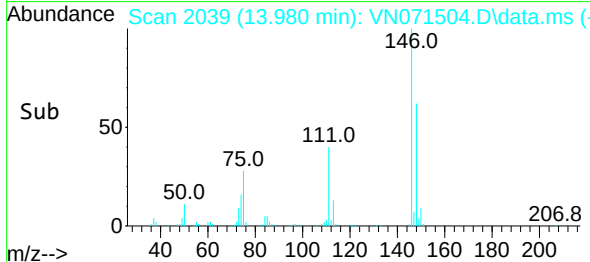
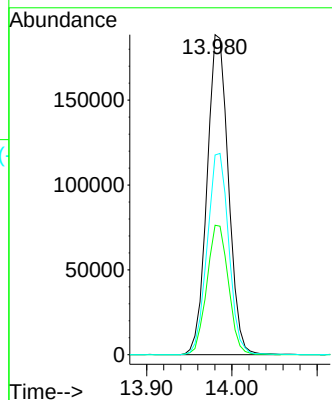
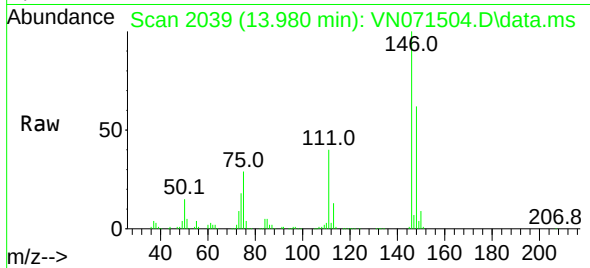




#87
1,2-Dichlorobenzene
Concen: 21.575 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

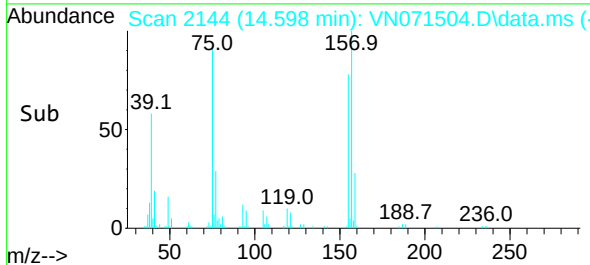
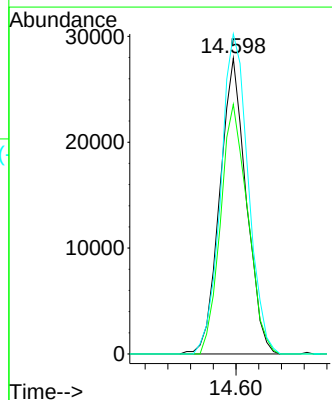
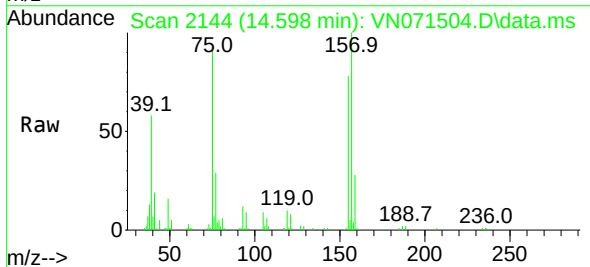
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

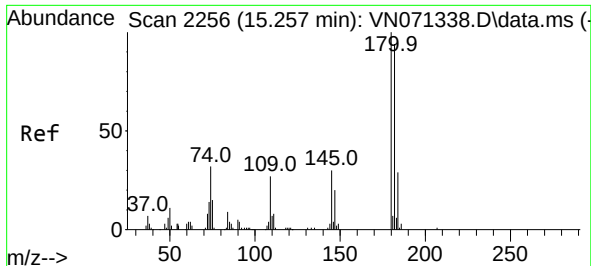
Tgt Ion:146 Resp: 327904
Ion Ratio Lower Upper
146 100
111 40.9 21.4 64.2
148 63.5 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.514 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion: 75 Resp: 45095
Ion Ratio Lower Upper
75 100
155 86.6 63.8 95.8
157 112.4 77.9 116.9

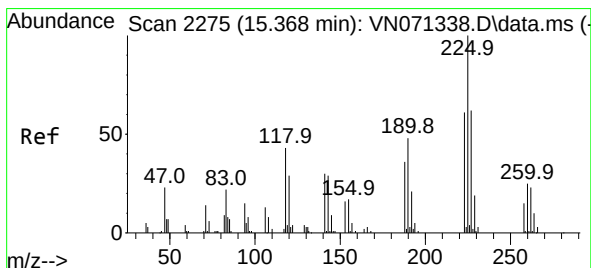
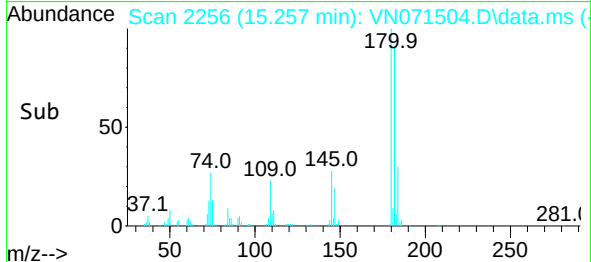
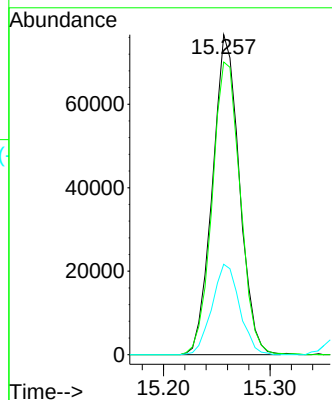
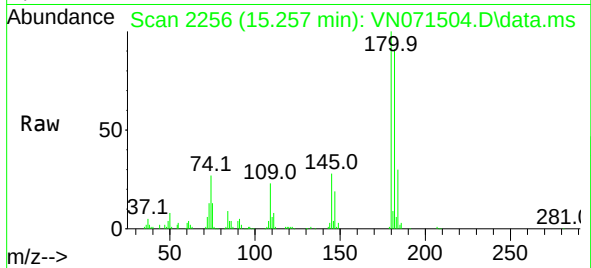




#89
1,2,4-Trichlorobenzene
Concen: 19.108 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

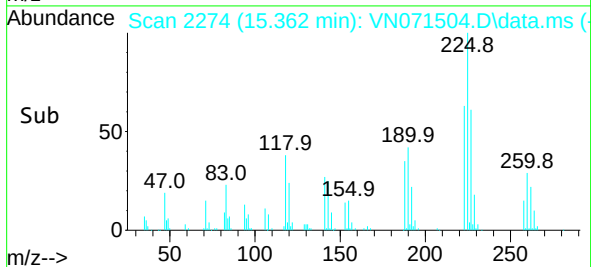
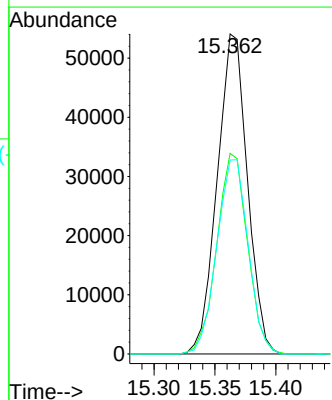
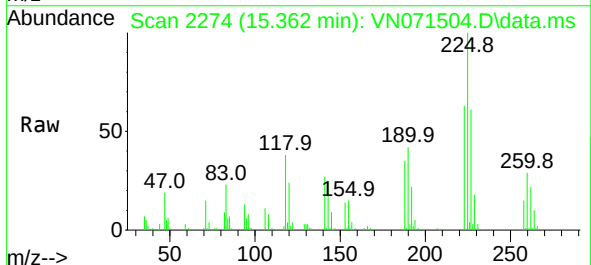
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

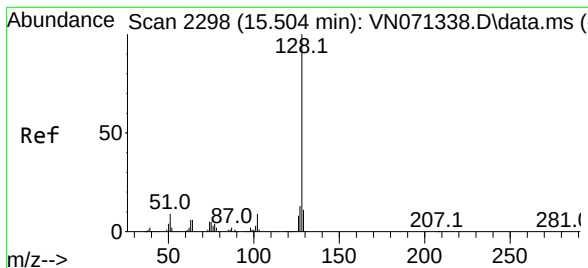
Tgt Ion:180 Resp: 134474
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 28.9 26.6 39.8



#90
Hexachlorobutadiene
Concen: 23.480 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN071504.D
Acq: 23 Mar 2022 12:43

Tgt Ion:225 Resp: 93364
Ion Ratio Lower Upper
225 100
223 63.8 0.0 126.8
227 63.1 0.0 123.0





#91

Naphthalene

Concen: 15.317 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

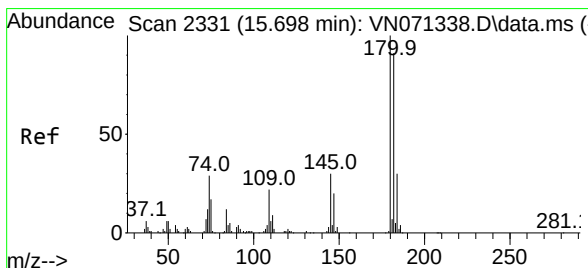
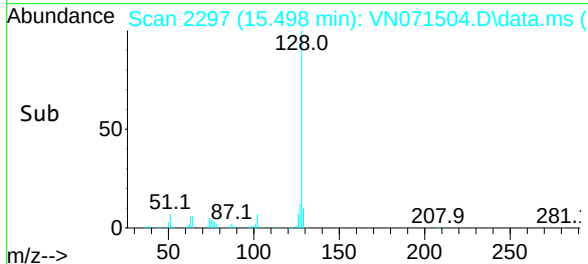
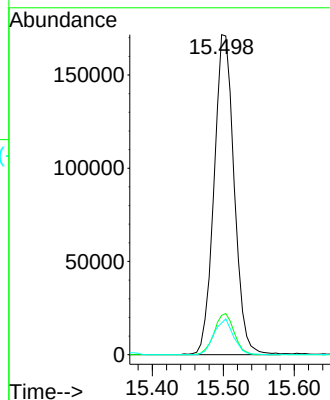
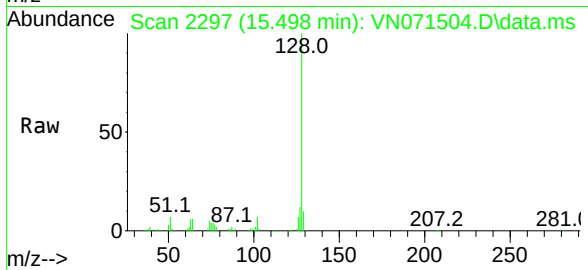
Tgt Ion:128 Resp: 337387

Ion Ratio Lower Upper

128 100

127 12.7 10.7 16.1

129 10.8 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 18.401 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN071504.D

Acq: 23 Mar 2022 12:43

Tgt Ion:180 Resp: 132808

Ion Ratio Lower Upper

180 100

182 93.7 0.0 190.0

145 30.1 0.0 67.8

