

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067045.D
 Acq On : 7 May 2021 6:22
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 07 07:34:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.112	128	75764	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	368674	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.350	117	354256	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.952	65	196235	29.56	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.53%
60) 4-Bromofluorobenzene	12.350	95	174518	29.61	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.70%
63) Toluene-d8	10.030	98	525714	29.96	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.87%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.837	85	90238	17.41	ug/l	96
3) Chloromethane	2.035	50	136277	17.24	ug/l	99
4) Vinyl Chloride	2.161	62	129844	16.99	ug/l	97
5) Bromomethane	2.537	94	53205	12.48	ug/l	94
6) Chloroethane	2.671	64	77709	17.64	ug/l	94
7) Trichlorofluoromethane	2.979	101	155691	16.77	ug/l	98
8) Diethyl Ether	3.357	74	53768	17.14	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.695	101	75530	16.81	ug/l	76
11) Methyl Iodide	3.886	142	62907	10.72	ug/l	96
12) Methyl Acetate	4.256	43	96933	15.82	ug/l	97
13) Acrolein	3.545	56	36044	35.98	ug/l	96
14) Acrylonitrile	4.897	53	205958	84.98	ug/l #	89
15) Acetone	3.754	58	60910	86.59	ug/l	94
16) Carbon Disulfide	3.988	76	241019	16.89	ug/l	97
17) Allyl chloride	4.251	41	118968	14.13	ug/l	98
18) Methylene Chloride	4.470	84	95840	16.37	ug/l	94
19) trans-1,2-Dichloroethene	4.953	96	79699	16.78	ug/l	97
20) Diisopropyl ether	5.870	45	264208	16.99	ug/l	96
21) 1,1-Dichloroethane	5.761	63	176812	17.10	ug/l	99
22) cis-1,2-Dichloroethene	6.742	96	89394	16.42	ug/l	97
23) tert-Butyl Alcohol	4.712	59	73317	75.95	ug/l #	100
24) Methyl tert-Butyl Ether	4.956	73	128374	8.98	ug/l #	59
25) Chloroform	7.292	83	170290	17.07	ug/l	97
26) Cyclohexane	7.579	56	114478	15.94	ug/l #	99
29) 1,1-Dichloropropene	7.718	75	113582	17.62	ug/l	99
30) 2-Butanone	6.750	43	282078	91.24	ug/l	98
31) 2,2-Dichloropropane	6.737	77	97423	12.52	ug/l #	78
32) 1,1,1-Trichloroethane	7.490	97	151988	18.16	ug/l	99
33) Carbon Tetrachloride	7.700	117	130923	17.97	ug/l	100
34) Benzene	7.968	78	369687	17.69	ug/l	98
35) Methacrylonitrile	7.083	41	45707	15.81	ug/l	95
36) 1,2-Dichloroethane	8.054	62	141073	18.11	ug/l	99
37) Trichloroethene	8.772	130	82873	18.32	ug/l	96
38) Methylcyclohexane	9.016	83	104996	16.36	ug/l	100
39) 1,2-Dichloropropane	9.054	63	103088	17.77	ug/l	98
40) Dibromomethane	9.142	93	65612	18.30	ug/l	98
41) Bromodichloromethane	9.341	83	135604	17.91	ug/l	99
42) Vinyl Acetate	5.811	43	1171707	87.94	ug/l	100
43) Ethyl Acetate	6.849	43	121039	16.62	ug/l	98

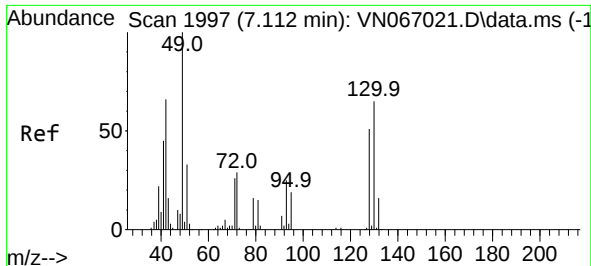
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
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Quant Time: May 07 07:34:54 2021
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.097	43	194376	17.57	ug/l	100
45) 1,4-Dioxane	9.137	88	19871	281.10	ug/l	99
46) Methyl methacrylate	9.137	41	78194	16.78	ug/l	98
48) t-1,3-Dichloropropene	10.325	75	127292	16.40	ug/l	93
49) cis-1,3-Dichloropropene	9.778	75	142688	16.77	ug/l	99
50) 1,1,2-Trichloroethane	10.505	97	89646	18.08	ug/l	97
51) Ethyl methacrylate	10.374	69	102291	15.78	ug/l	97
52) 1,3-Dichloropropane	10.647	76	154899	17.99	ug/l	100
53) Dibromochloromethane	10.846	129	99111	18.18	ug/l	99
54) 1,2-Dibromoethane	10.947	107	88619	18.69	ug/l	98
55) 2-Chloroethyl vinyl ether	9.636	63	260120	209.57	ug/l	99
56) Bromoform	12.077	173	62852	17.36	ug/l #	100
58) 4-Methyl-2-Pentanone	9.923	43	595785	89.83	ug/l	99
59) 2-Hexanone	10.695	43	350280	89.55	ug/l	100
61) Tetrachloroethene	10.575	164	77308	19.26	ug/l	97
62) Toluene	10.095	91	382021	17.48	ug/l	99
64) Chlorobenzene	11.377	112	221347	17.34	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.452	131	89613	17.60	ug/l	98
66) Ethyl Benzene	11.457	91	383555	17.29	ug/l	99
67) m/p-Xylenes	11.567	106	295031	35.41	ug/l	94
68) o-Xylene	11.894	106	140099	17.04	ug/l	98
69) Styrene	11.913	104	211645	16.75	ug/l	98
70) Isopropylbenzene	12.197	105	371559	17.43	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.452	83	141806	18.27	ug/l	98
72) 1,2,3-Trichloropropane	12.500	75	146150	20.78	ug/l	79
73) Bromobenzene	12.473	156	90718	17.62	ug/l	98
74) n-propylbenzene	12.538	91	450454	18.43	ug/l	99
75) 2-Chlorotoluene	12.621	91	281450	17.92	ug/l	99
76) 1,3,5-Trimethylbenzene	12.680	105	328123	17.41	ug/l	97
77) t-1,4-Dichloro-2-butene	12.259	75	19755	14.44	ug/l	91
78) 4-Chlorotoluene	12.723	91	269124	19.09	ug/l	99
79) tert-butylbenzene	12.940	119	276512	17.31	ug/l	99
80) 1,2,4-Trimethylbenzene	12.988	105	313889	17.77	ug/l	98
81) sec-Butylbenzene	13.117	105	376716	17.84	ug/l	99
82) p-Isopropyltoluene	13.238	119	311283	18.54	ug/l	99
83) 1,3-Dichlorobenzene	13.232	146	162448	19.01	ug/l	99
84) 1,4-Dichlorobenzene	13.313	146	148781	16.82	ug/l	97
85) n-Butylbenzene	13.568	91	242466	17.93	ug/l	98
86) Hexachloroethane	13.817	117	53668	14.43	ug/l	97
87) 1,2-Dichlorobenzene	13.603	146	168464	19.01	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.225	75	24067	16.00	ug/l #	77
89) 1,2,4-Trichlorobenzene	14.858	180	84518	18.90	ug/l	98
90) Hexachlorobutadiene	14.952	225	55993	18.56	ug/l	92
91) Naphthalene	15.078	128	256636	20.94	ug/l	100
92) 1,2,3-Trichlorobenzene	15.249	180	88717	18.94	ug/l	97

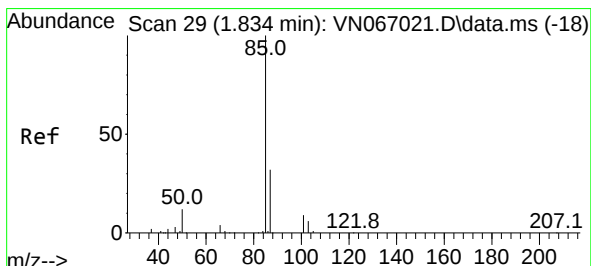
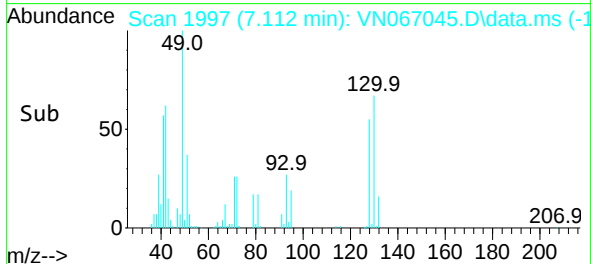
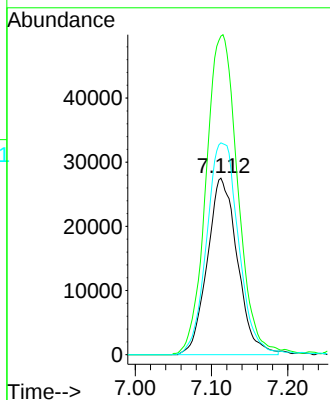
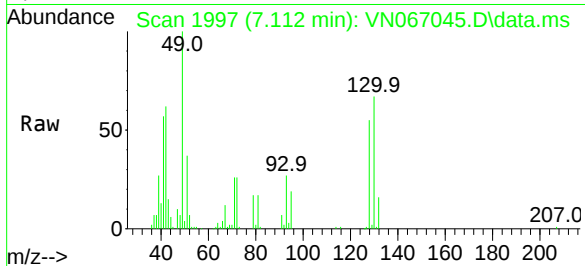
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#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.112 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

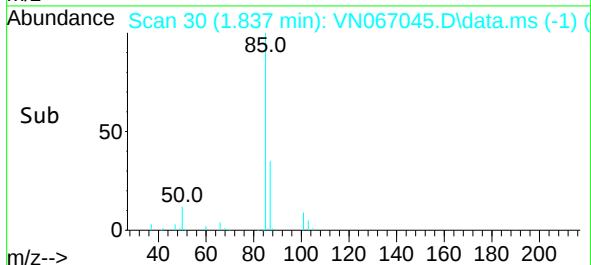
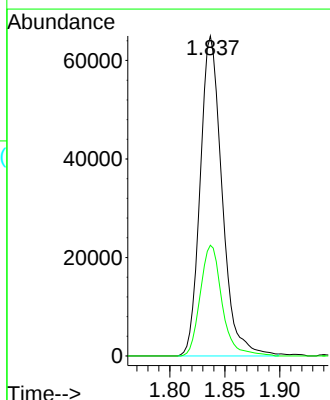
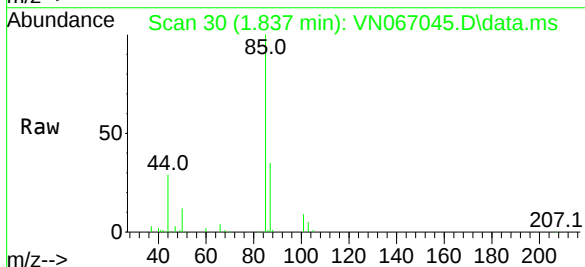
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VSTDCCC020EC

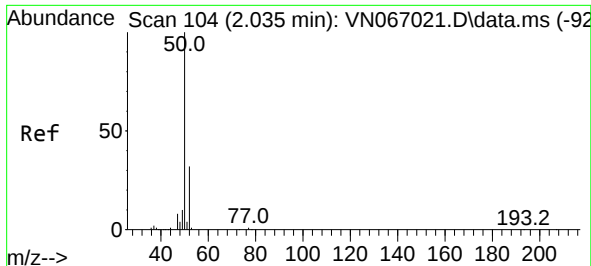
Tgt Ion:128 Resp: 75764
Ion Ratio Lower Upper
128 100
49 189.9 0.0 486.3
130 126.9 0.0 326.0



#2
Dichlorodifluoromethane
Concen: 17.41 ug/l
RT: 1.837 min Scan# 30
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 85 Resp: 90238
Ion Ratio Lower Upper
85 100
87 34.6 16.1 48.3

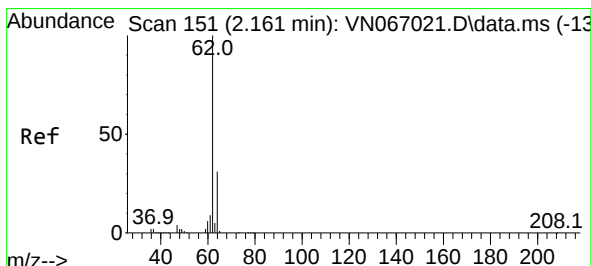
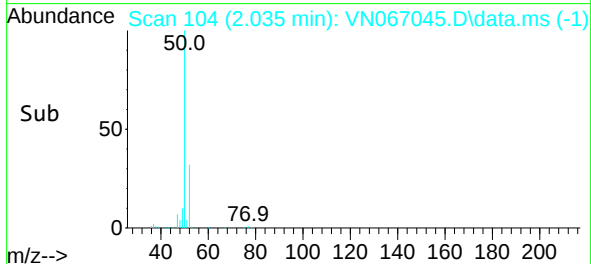
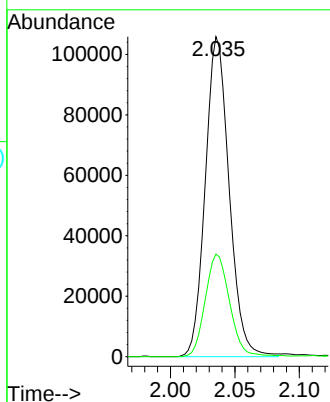
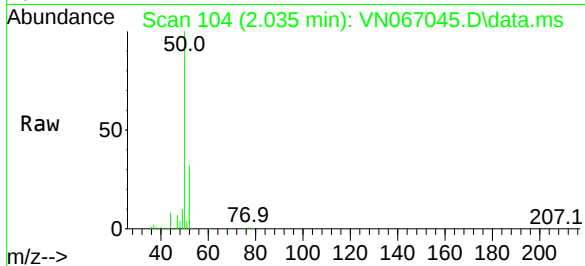




#3
Chloromethane
Concen: 17.24 ug/l
RT: 2.035 min Scan# 104
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

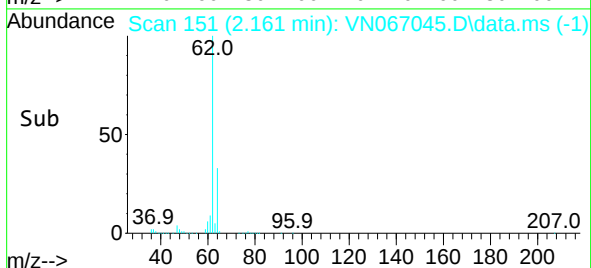
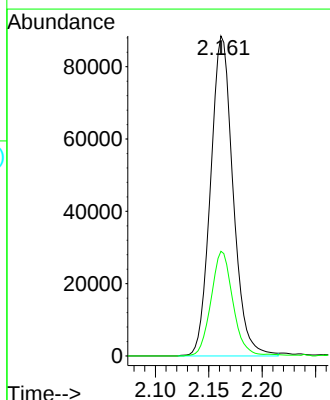
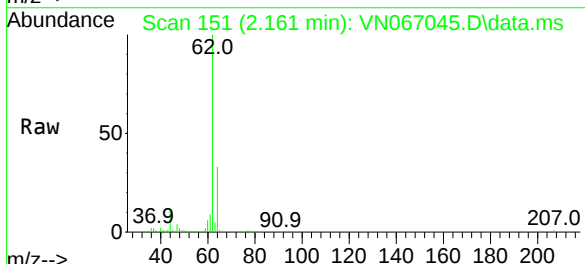
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ClientSampleId :
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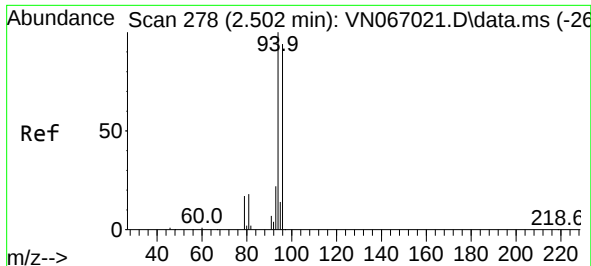
Tgt Ion: 50 Resp: 136277
Ion Ratio Lower Upper
50 100
52 32.1 25.9 38.9



#4
Vinyl Chloride
Concen: 16.99 ug/l
RT: 2.161 min Scan# 151
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 62 Resp: 129844
Ion Ratio Lower Upper
62 100
64 32.7 24.7 37.1

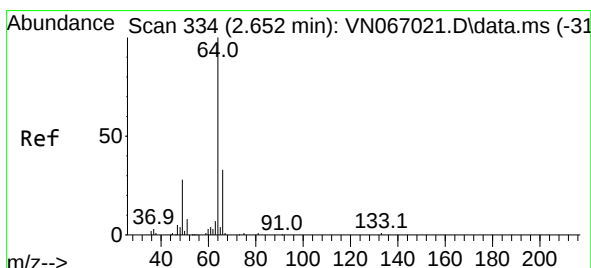
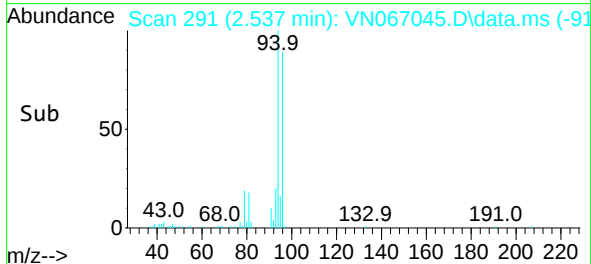
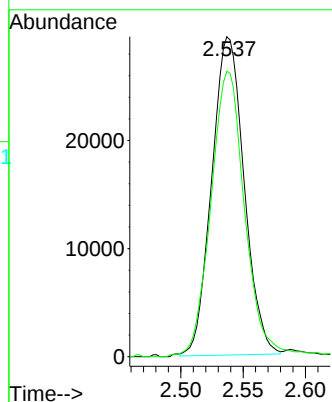
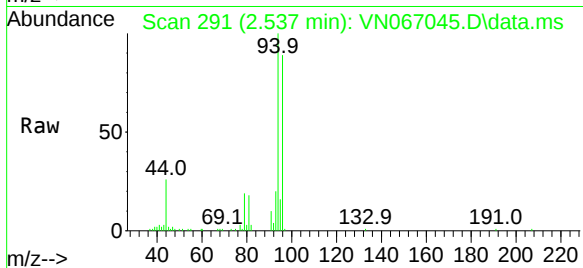




#5
Bromomethane
Concen: 12.48 ug/l
RT: 2.537 min Scan# 291
Delta R.T. 0.035 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

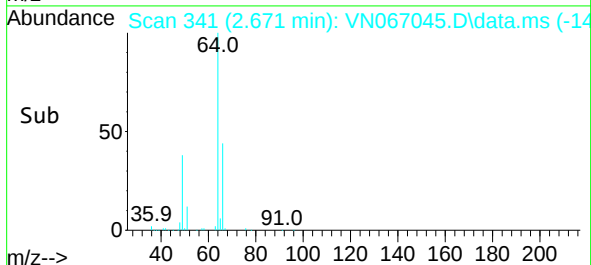
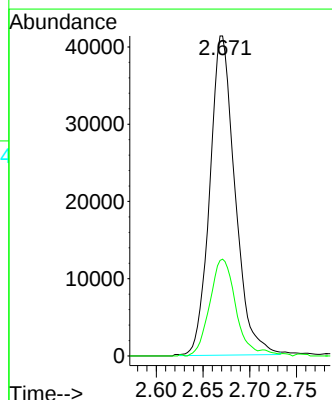
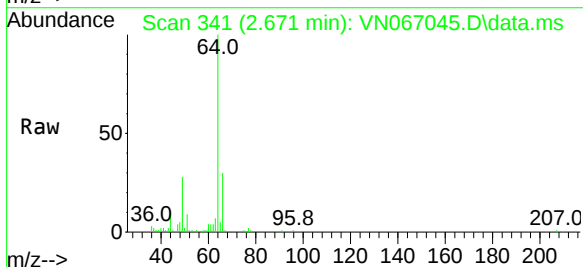
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ClientSampleId :
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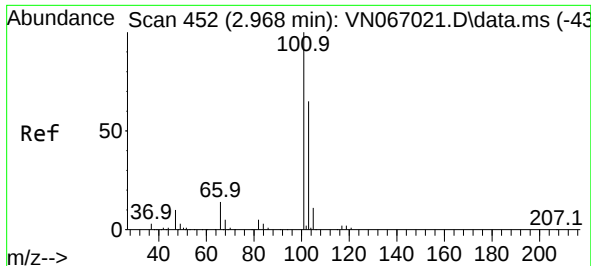
Tgt Ion: 94 Resp: 53205
Ion Ratio Lower Upper
94 100
96 88.9 75.4 113.2



#6
Chloroethane
Concen: 17.64 ug/l
RT: 2.671 min Scan# 341
Delta R.T. 0.019 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 64 Resp: 77709
Ion Ratio Lower Upper
64 100
66 30.0 26.7 40.1

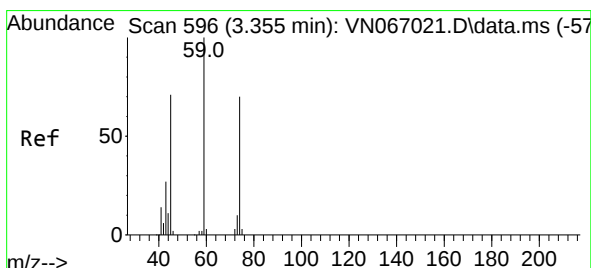
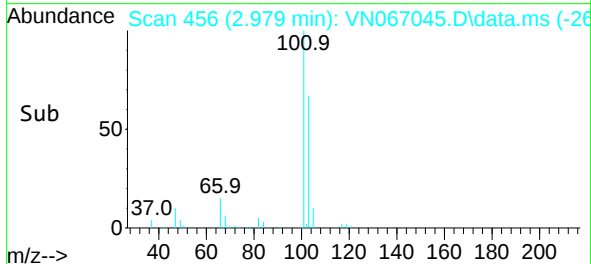
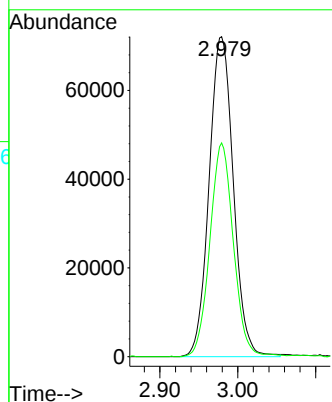
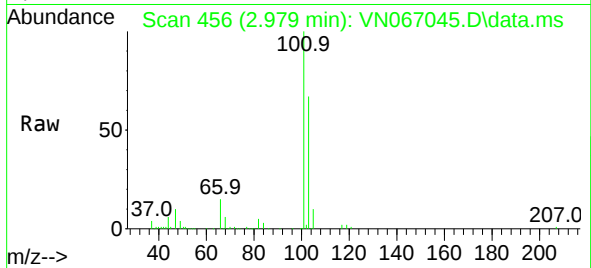




#7
Trichlorofluoromethane
Concen: 16.77 ug/l
RT: 2.979 min Scan# 456
Delta R.T. 0.011 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

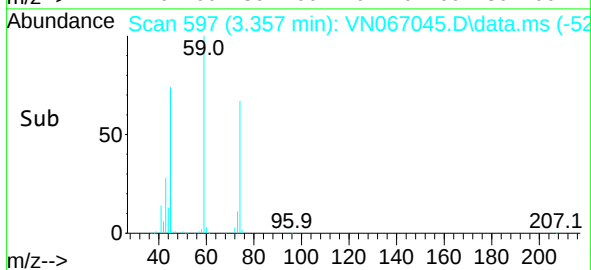
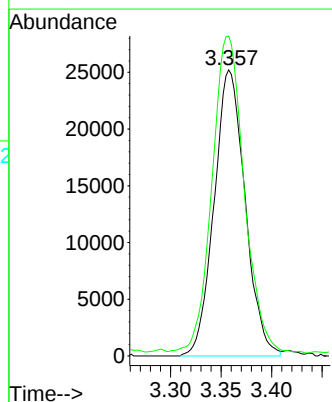
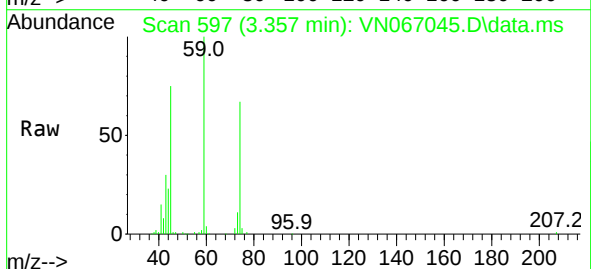
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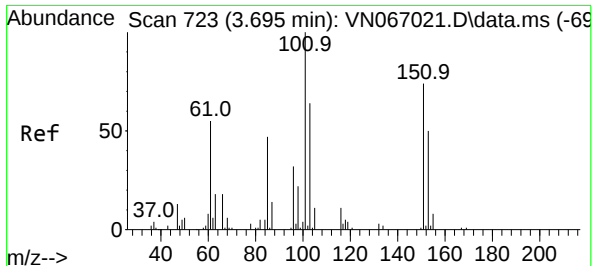
Tgt Ion:101 Resp: 155691
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5



#8
Diethyl Ether
Concen: 17.14 ug/l
RT: 3.357 min Scan# 597
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 74 Resp: 53768
Ion Ratio Lower Upper
74 100
45 113.3 21.1 190.3

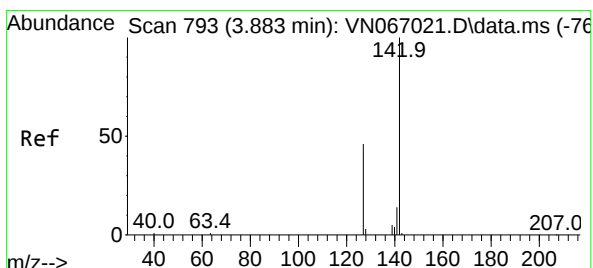
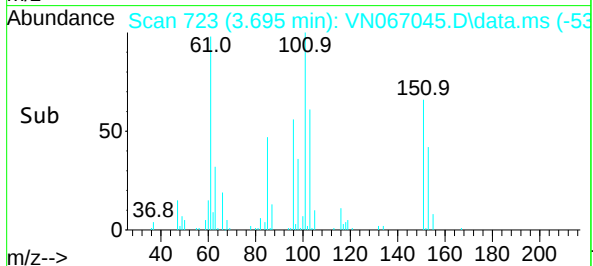
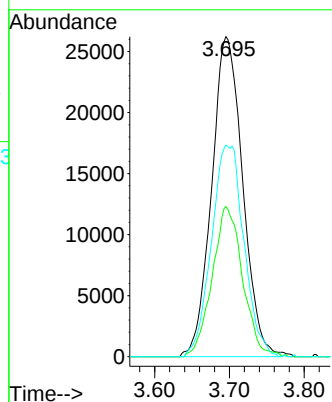
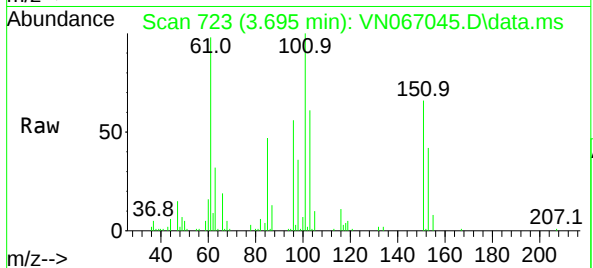




#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.81 ug/l
RT: 3.695 min Scan# 723
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

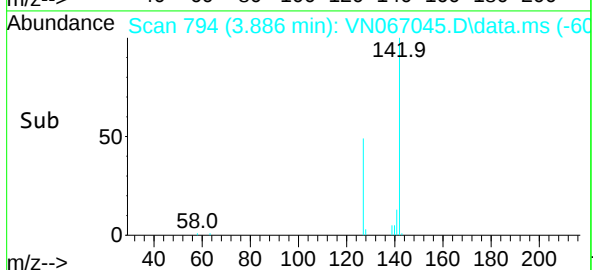
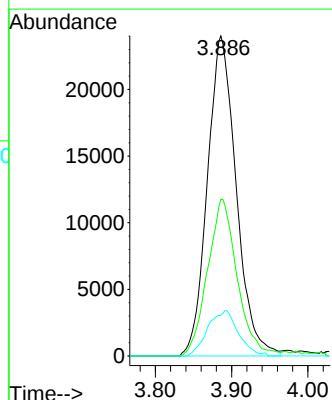
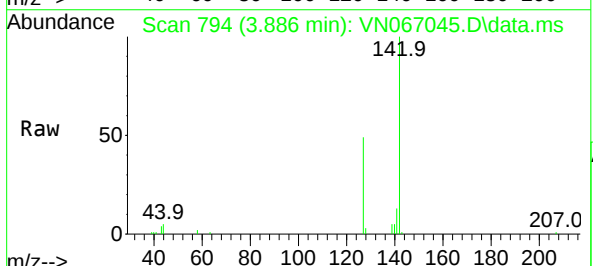
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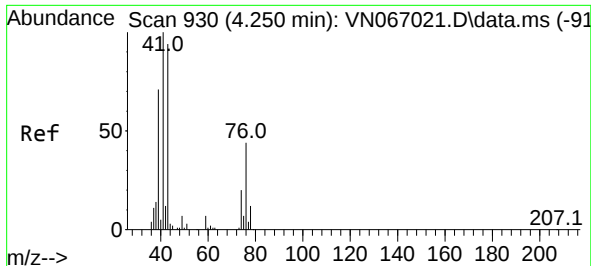
Tgt Ion:101 Resp: 75530
Ion Ratio Lower Upper
101 100
85 46.0 0.0 90.4
151 40.3 0.0 145.8



#11
Methyl Iodide
Concen: 10.72 ug/l
RT: 3.886 min Scan# 794
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:142 Resp: 62907
Ion Ratio Lower Upper
142 100
127 48.8 22.9 68.5
141 12.8 7.1 21.4

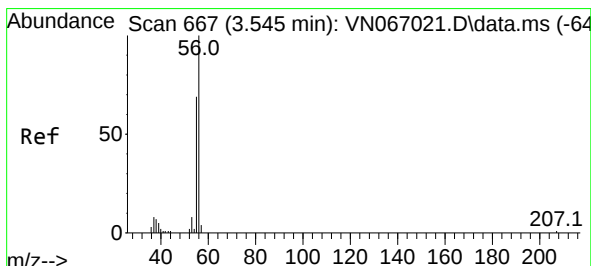
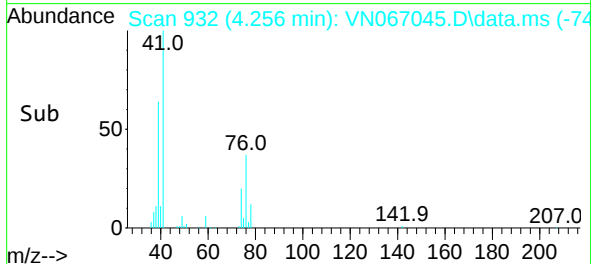
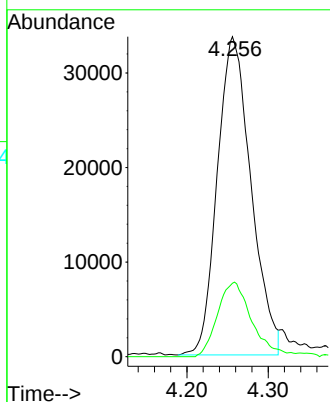
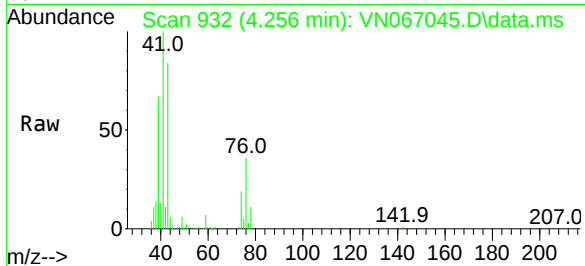




#12
Methyl Acetate
Concen: 15.82 ug/l
RT: 4.256 min Scan# 932
Delta R.T. 0.006 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

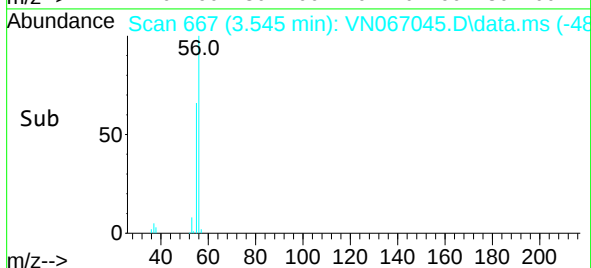
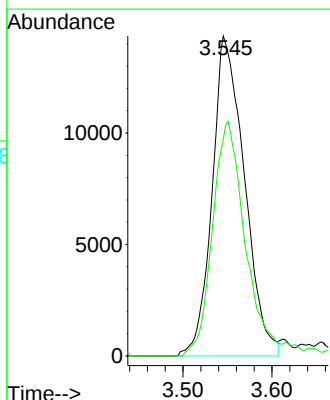
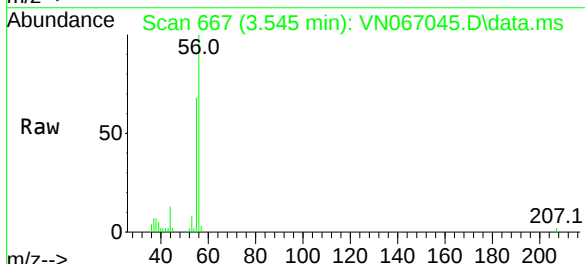
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

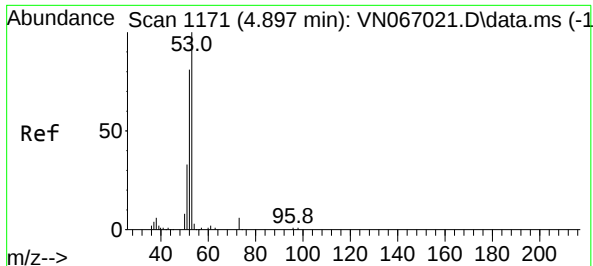
Tgt Ion: 43 Resp: 96933
Ion Ratio Lower Upper
43 100
74 22.8 17.2 25.8



#13
Acrolein
Concen: 35.98 ug/l
RT: 3.545 min Scan# 667
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 56 Resp: 36044
Ion Ratio Lower Upper
56 100
55 73.8 56.6 84.8

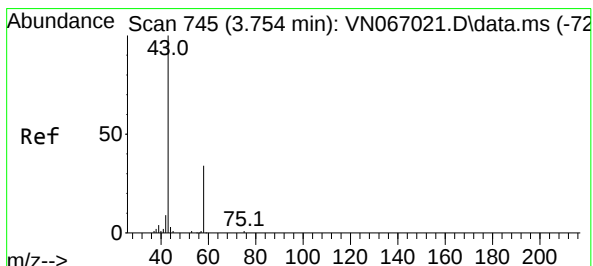
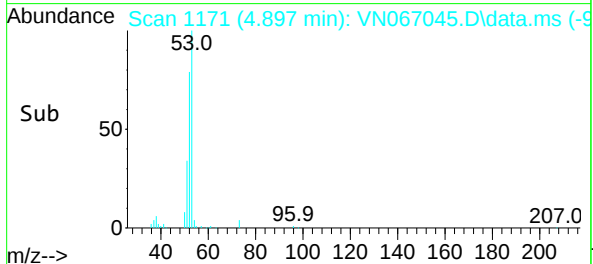
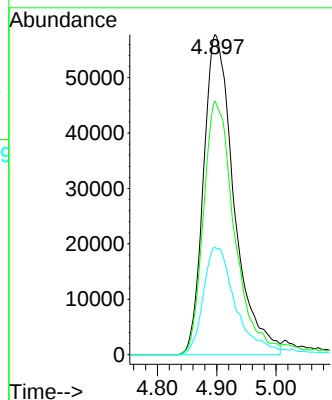
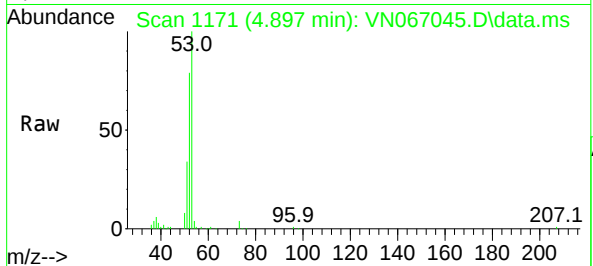




#14
Acrylonitrile
Concen: 84.98 ug/l
RT: 4.897 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

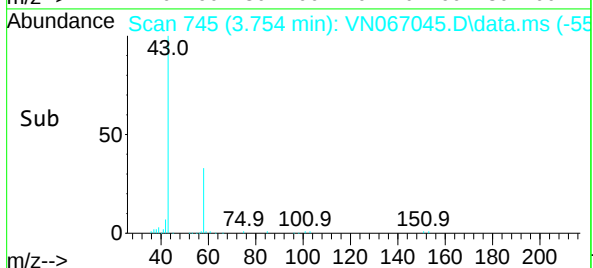
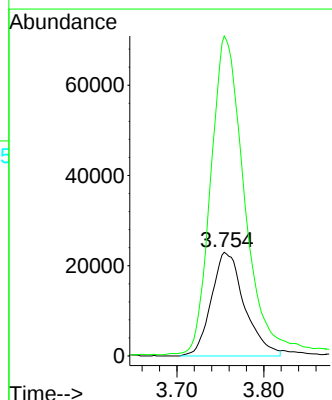
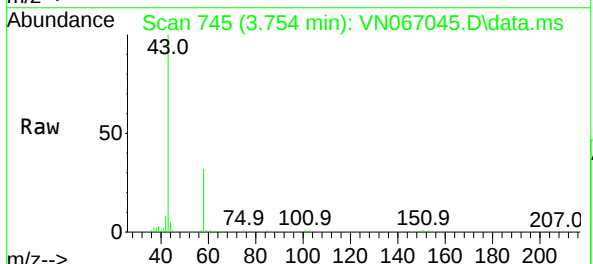
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

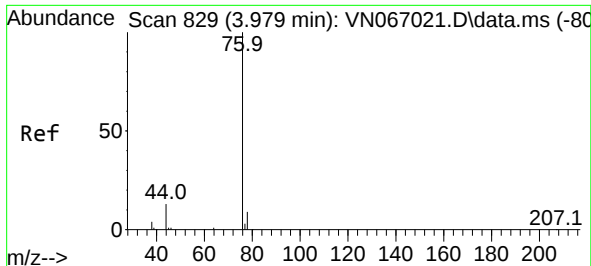
Tgt Ion: 53 Resp: 205958
Ion Ratio Lower Upper
53 100
52 77.7 39.1 117.3
51 15.0 17.3 51.7#



#15
Acetone
Concen: 86.59 ug/l
RT: 3.754 min Scan# 745
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

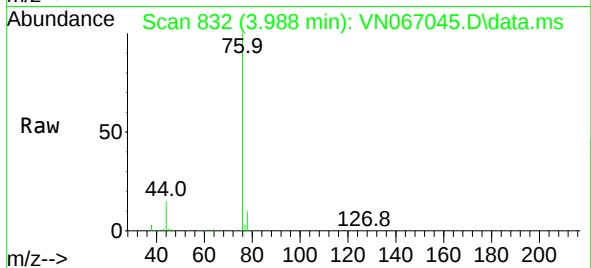
Tgt Ion: 58 Resp: 60910
Ion Ratio Lower Upper
58 100
43 305.8 235.0 352.6



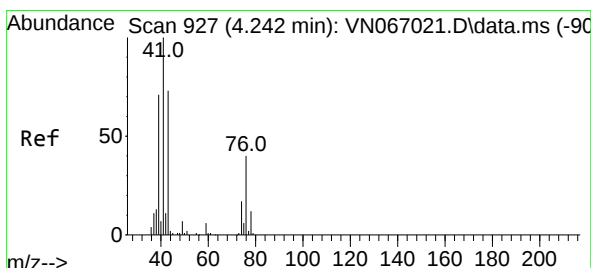
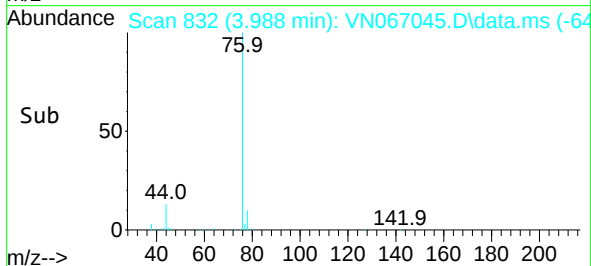
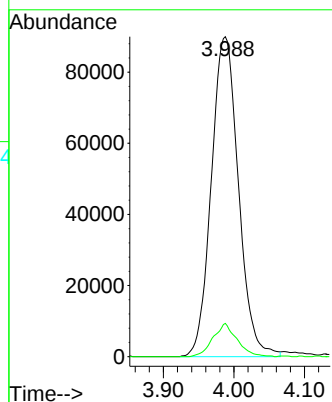


#16
Carbon Disulfide
Concen: 16.89 ug/l
RT: 3.988 min Scan# 832
Delta R.T. 0.008 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

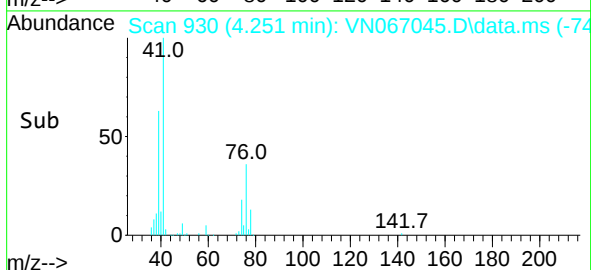
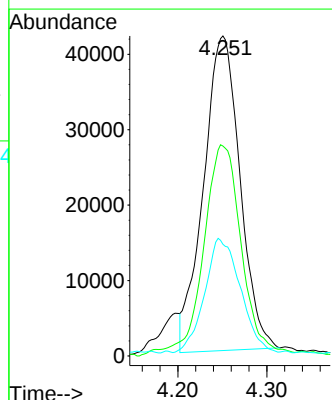
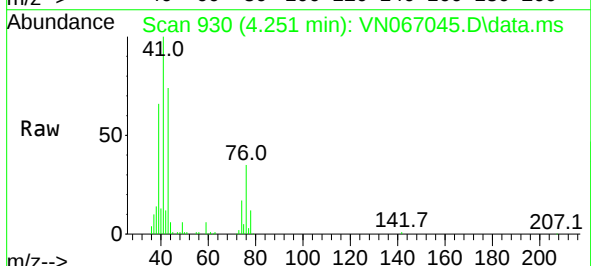


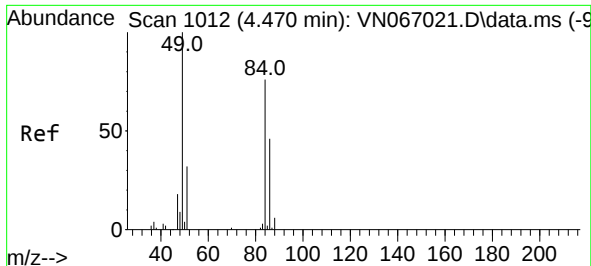
Tgt Ion: 76 Resp: 241019
Ion Ratio Lower Upper
76 100
78 10.4 7.5 11.3



#17
Allyl chloride
Concen: 14.13 ug/l
RT: 4.251 min Scan# 930
Delta R.T. 0.008 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 41 Resp: 118968
Ion Ratio Lower Upper
41 100
39 65.1 33.1 99.5
76 34.5 17.9 53.8

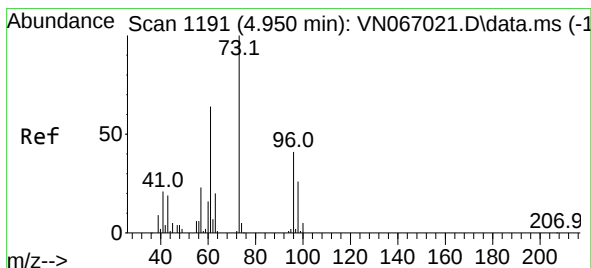
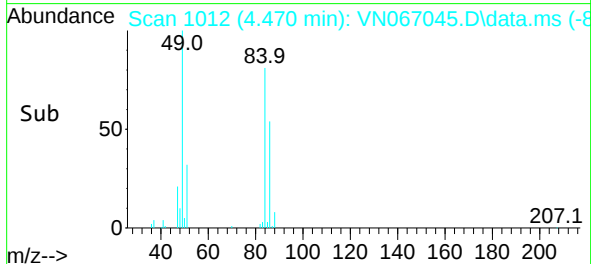
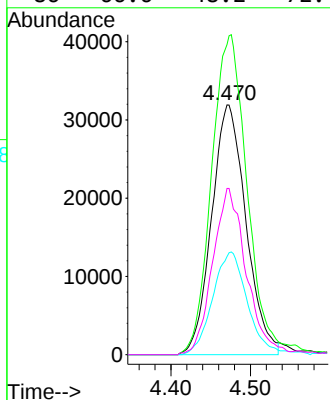
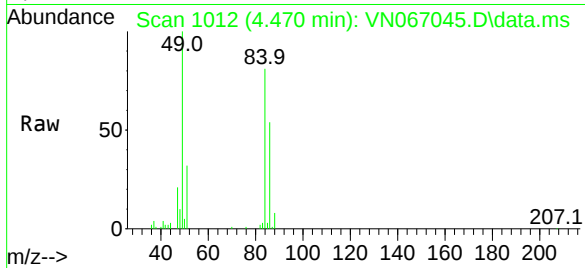




#18
Methylene Chloride
Concen: 16.37 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

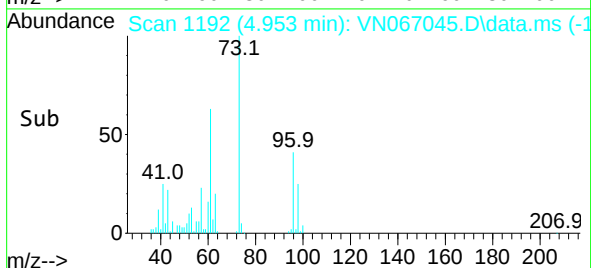
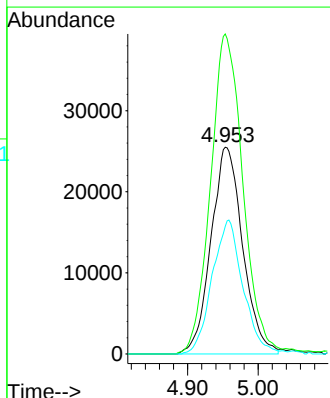
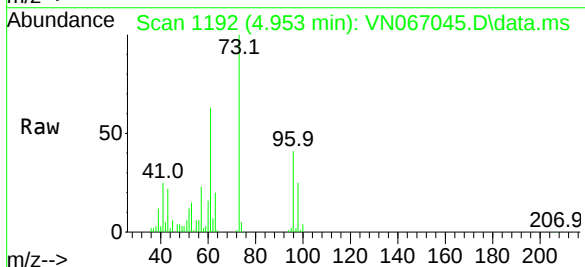
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

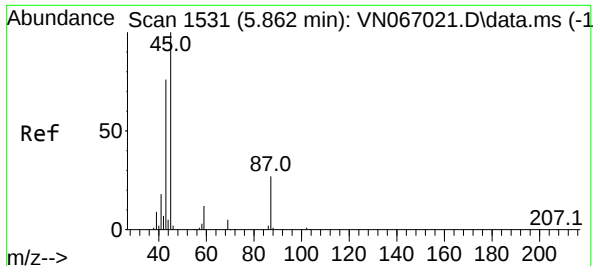
Tgt Ion:	84	Resp:	95840
Ion	Ratio	Lower	Upper
84	100		
49	124.2	105.0	157.6
51	39.3	33.3	49.9
86	66.6	48.2	72.4



#19
trans-1,2-Dichloroethene
Concen: 16.78 ug/l
RT: 4.953 min Scan# 1192
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:	96	Resp:	79699
Ion	Ratio	Lower	Upper
96	100		
61	154.2	127.2	190.8
98	61.7	50.9	76.3





#20

Diisopropyl ether

Concen: 16.99 ug/l

RT: 5.870 min Scan# 1534

Delta R.T. 0.008 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 45 Resp: 264208

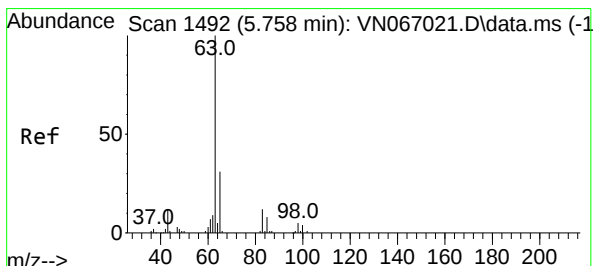
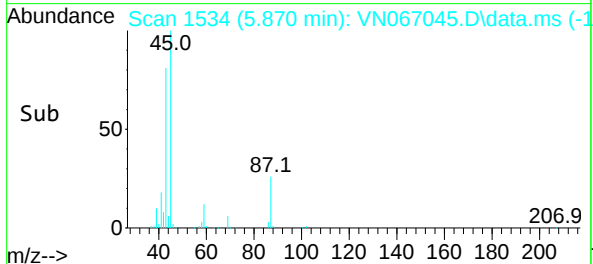
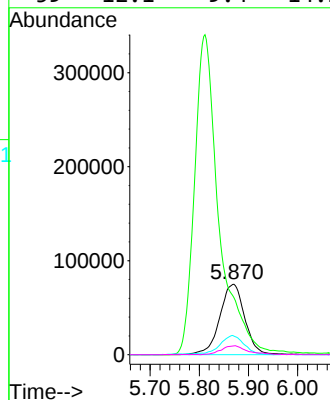
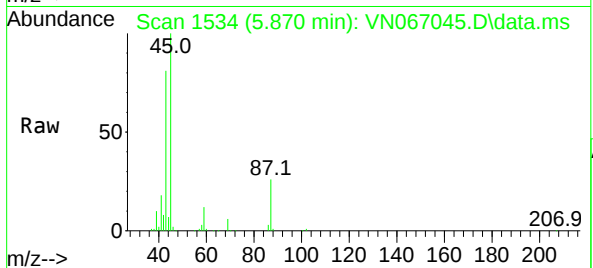
Ion Ratio Lower Upper

45 100

43 75.7 64.3 96.5

87 26.1 22.0 33.0

59 12.1 9.4 14.2



#21

1,1-Dichloroethane

Concen: 17.10 ug/l

RT: 5.761 min Scan# 1493

Delta R.T. 0.003 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

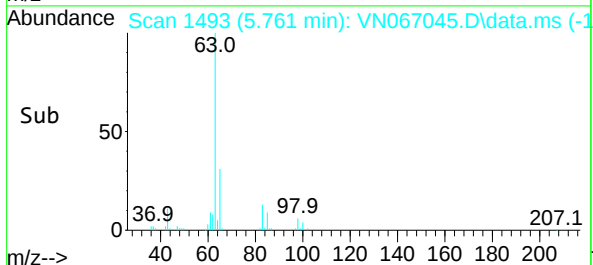
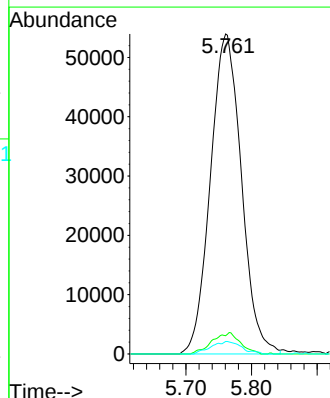
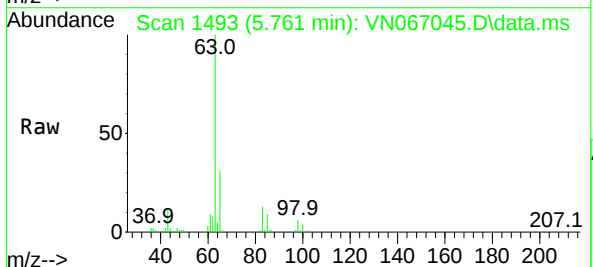
Tgt Ion: 63 Resp: 176812

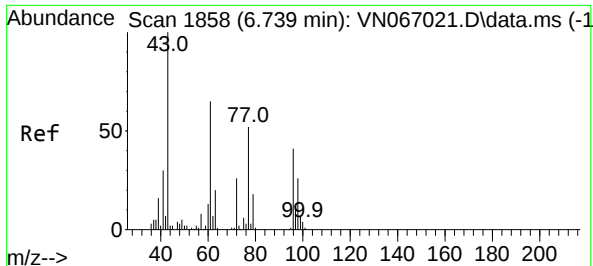
Ion Ratio Lower Upper

63 100

98 5.7 2.6 8.0

100 3.9 2.0 5.8

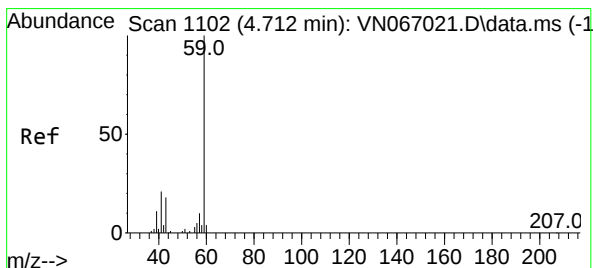
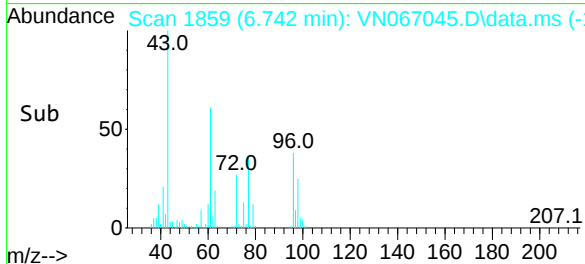
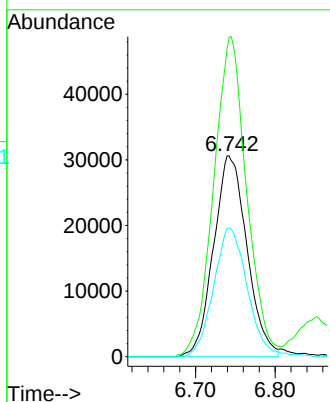
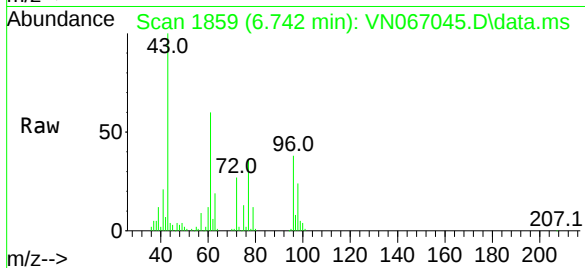




#22
cis-1,2-Dichloroethene
Concen: 16.42 ug/l
RT: 6.742 min Scan# 1859
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

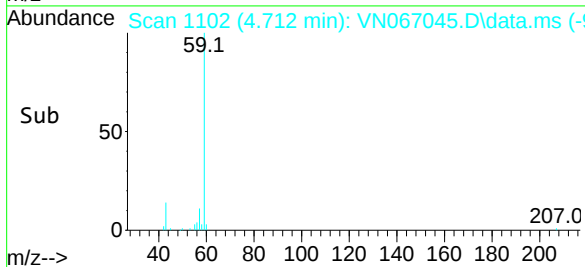
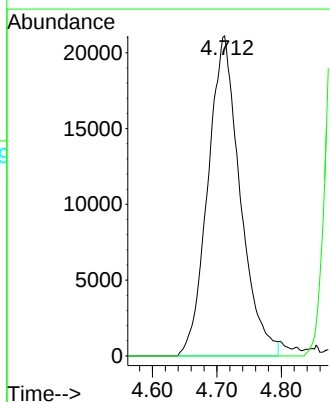
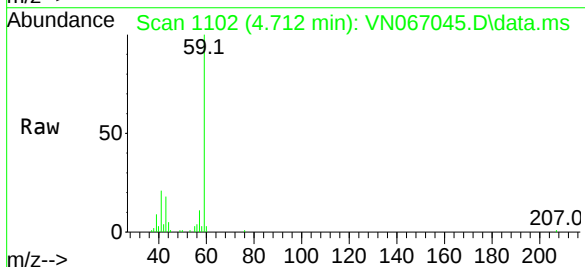
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

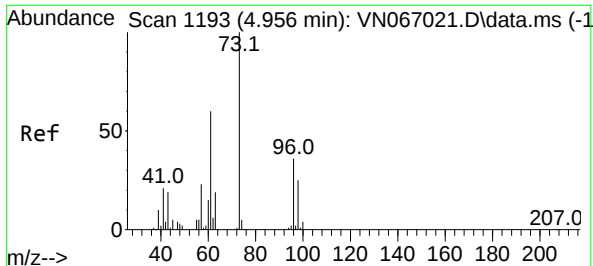
Tgt Ion: 96 Resp: 89394
Ion Ratio Lower Upper
96 100
61 156.9 129.4 194.2
98 64.6 52.0 78.0



#23
tert-Butyl Alcohol
Concen: 75.95 ug/l
RT: 4.712 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 59 Resp: 73317
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

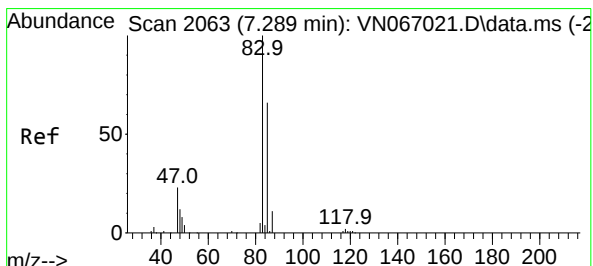
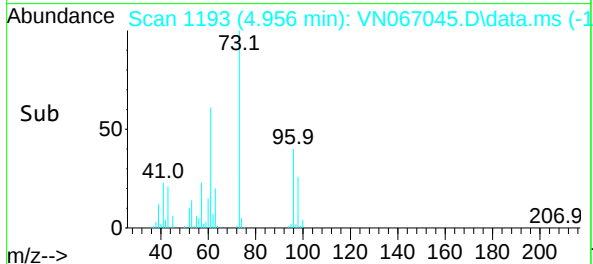
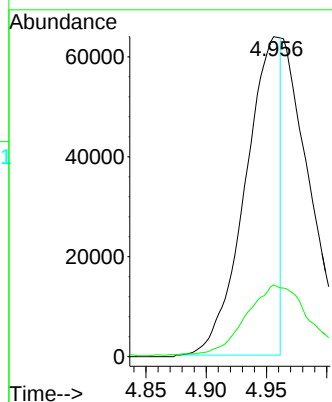
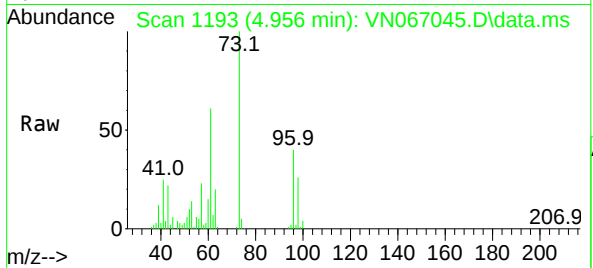




#24
Methyl tert-Butyl Ether
Concen: 8.98 ug/l
RT: 4.956 min Scan# 1193
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

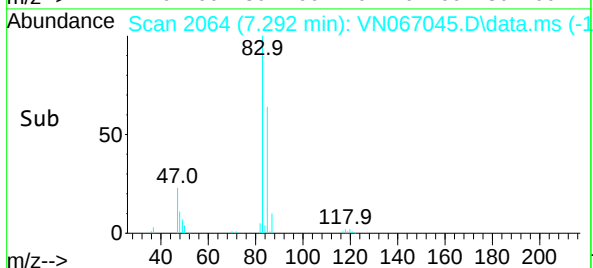
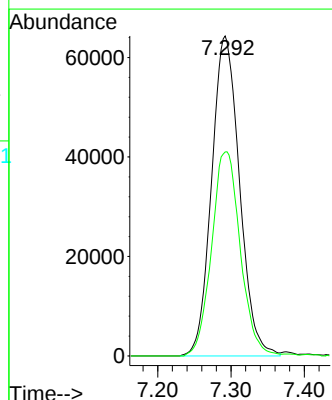
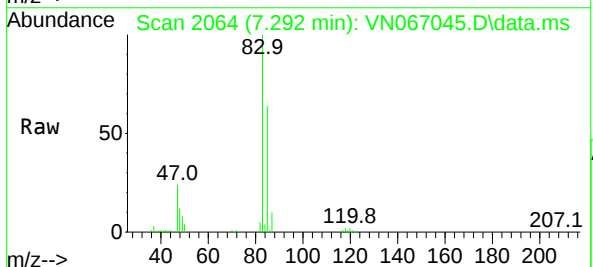
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

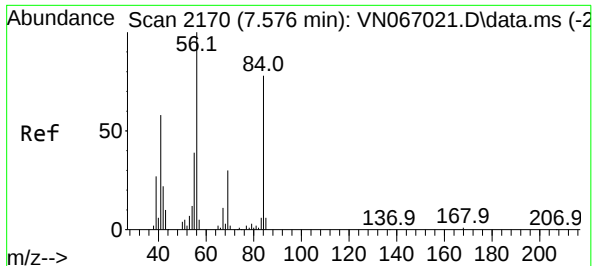
Tgt Ion: 73 Resp: 128374
Ion Ratio Lower Upper
73 100
43 39.1 16.2 24.4#



#25
Chloroform
Concen: 17.07 ug/l
RT: 7.292 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

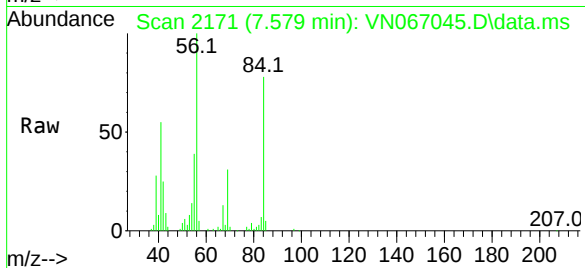
Tgt Ion: 83 Resp: 170290
Ion Ratio Lower Upper
83 100
85 63.7 53.0 79.6



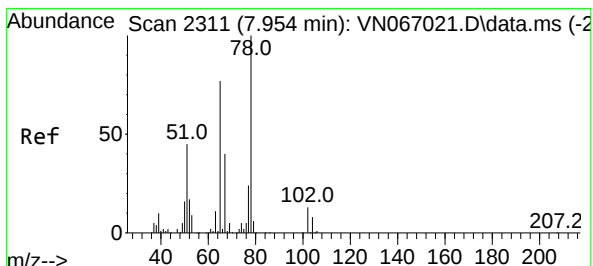
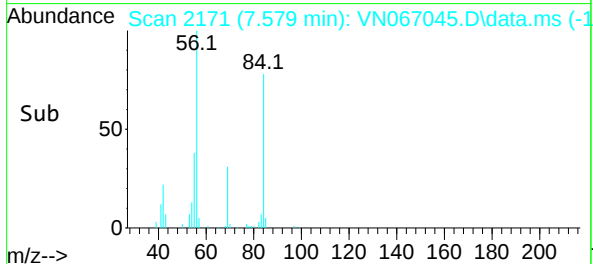
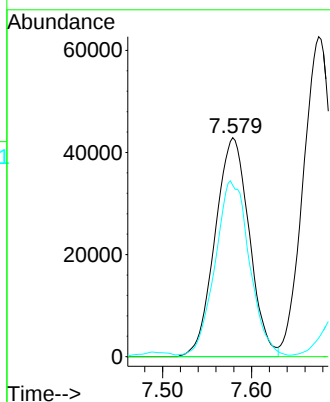


#26
Cyclohexane
Concen: 15.94 ug/l
RT: 7.579 min Scan# 2171
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

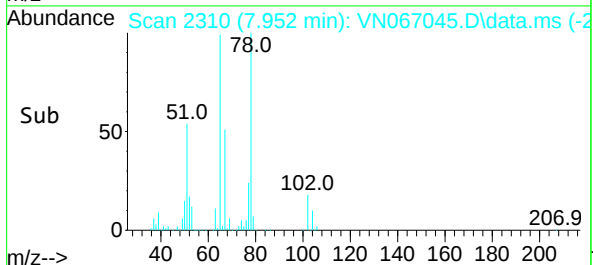
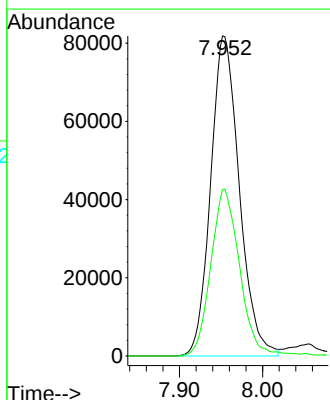
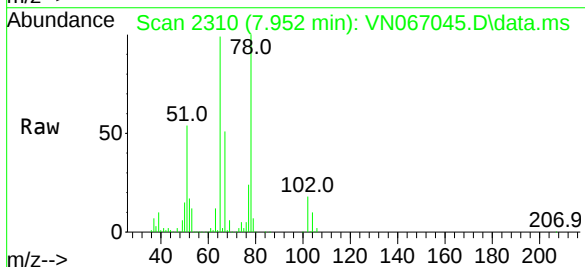


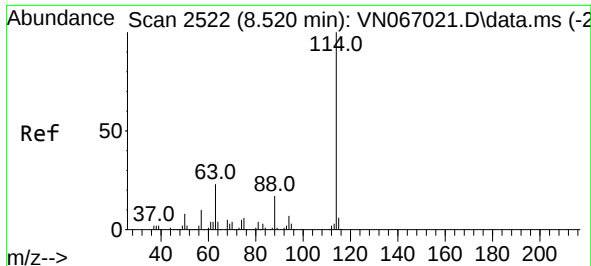
Tgt Ion: 56 Resp: 114478
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 79.4 64.2 96.2



#27
1,2-Dichloroethane-d4
Concen: 29.56 ug/l
RT: 7.952 min Scan# 2310
Delta R.T. -0.002 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 65 Resp: 196235
Ion Ratio Lower Upper
65 100
67 51.6 41.6 62.4





#28

1,4-Difluorobenzene

Concen: 30.00 ug/l

RT: 8.520 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

Tgt Ion: 114 Resp: 368674

Ion Ratio Lower Upper

114 100

63 23.3 18.8 28.2

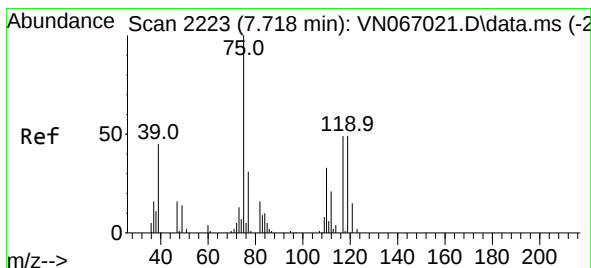
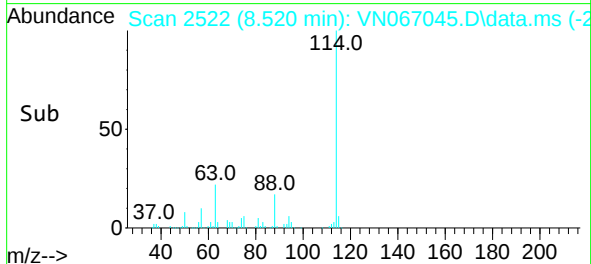
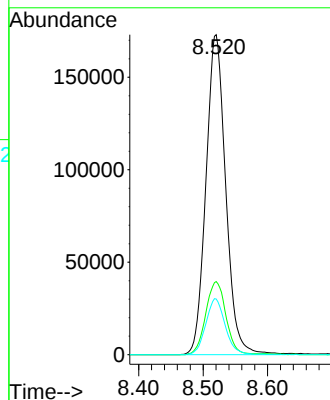
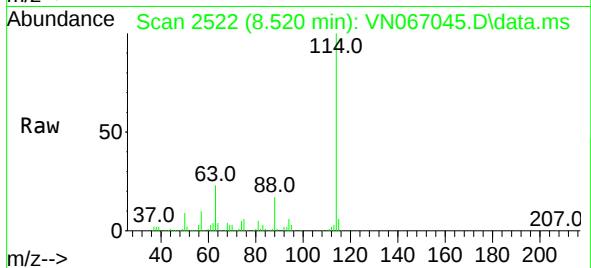
88 17.2 13.8 20.6

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



#29

1,1-Dichloropropene

Concen: 17.62 ug/l

RT: 7.718 min Scan# 2223

Delta R.T. 0.000 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

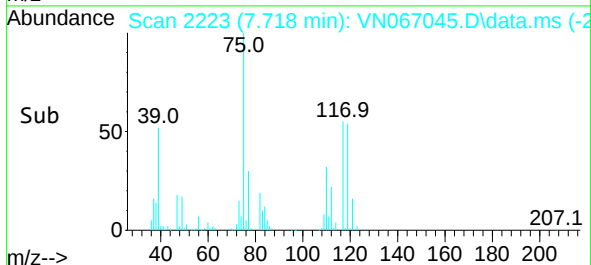
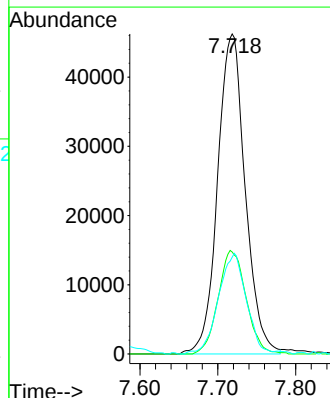
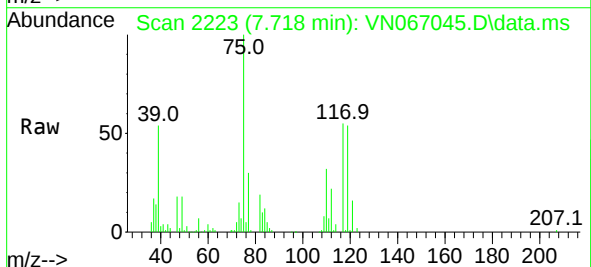
Tgt Ion: 75 Resp: 113582

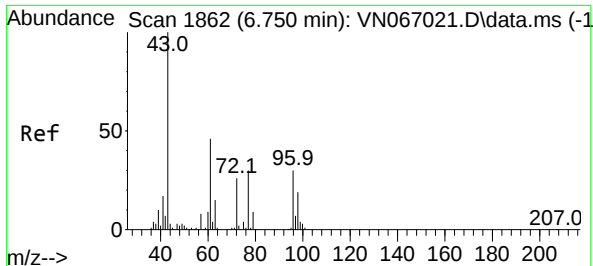
Ion Ratio Lower Upper

75 100

110 32.6 0.0 65.6

77 31.5 0.0 60.2

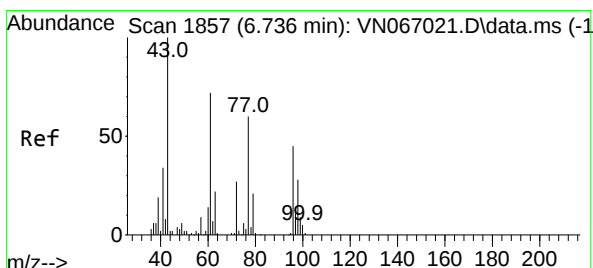
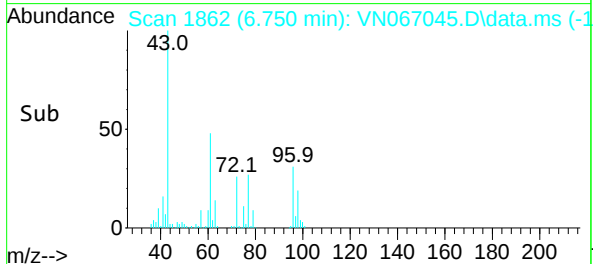
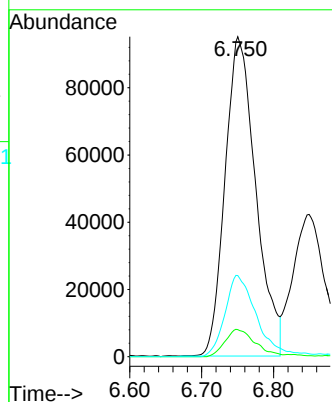
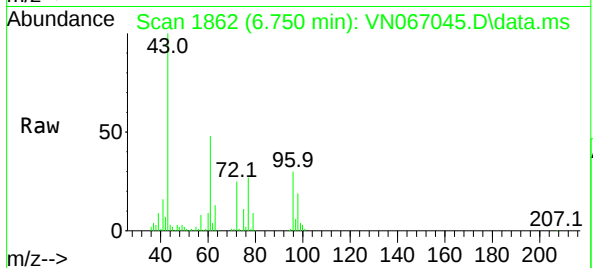




#30
2-Butanone
Concen: 91.24 ug/l
RT: 6.750 min Scan# 1862
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

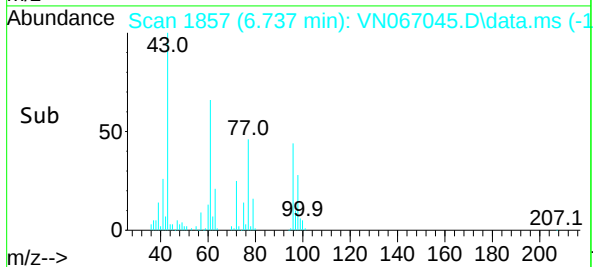
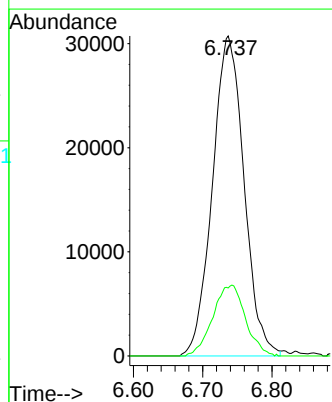
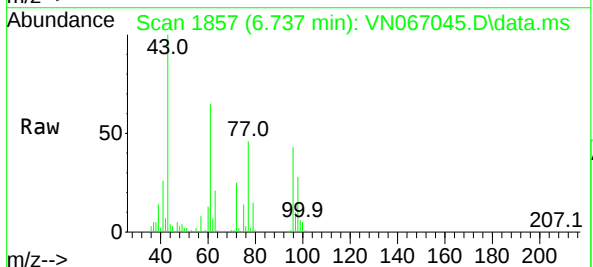
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

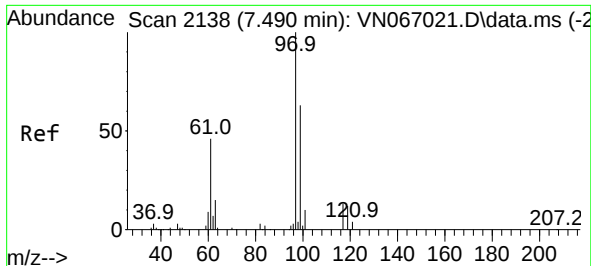
Tgt Ion: 43 Resp: 282078
Ion Ratio Lower Upper
43 100
57 8.4 6.5 9.7
72 25.5 21.2 31.8



#31
2,2-Dichloropropane
Concen: 12.52 ug/l
RT: 6.737 min Scan# 1857
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 77 Resp: 97423
Ion Ratio Lower Upper
77 100
97 11.4 17.4 26.2#

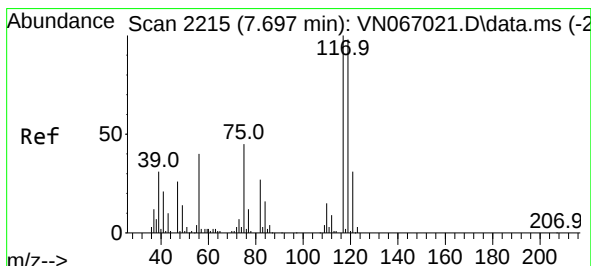
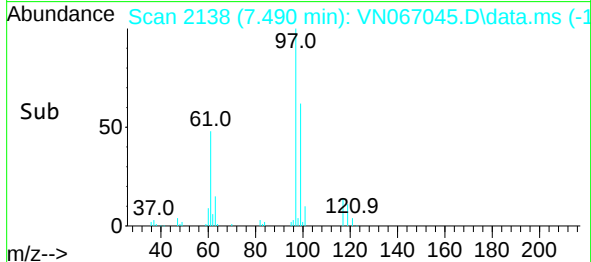
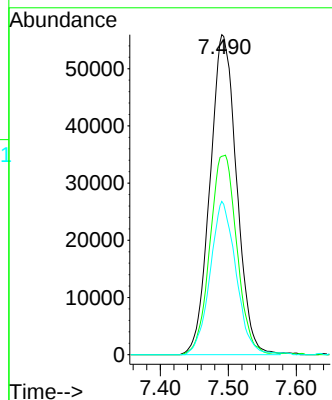
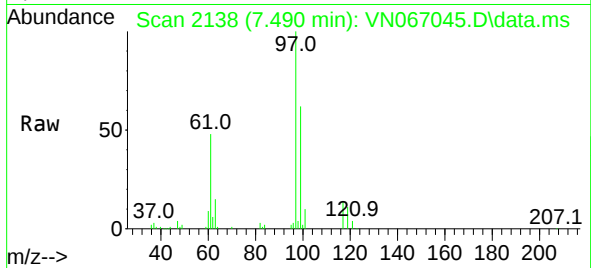




#32
1,1,1-Trichloroethane
Concen: 18.16 ug/l
RT: 7.490 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

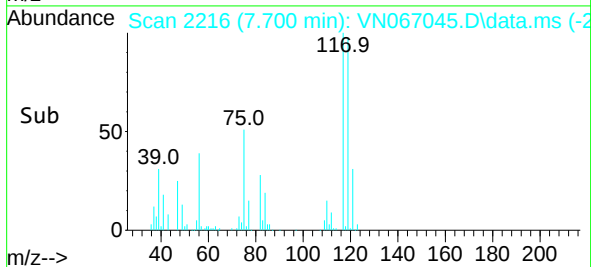
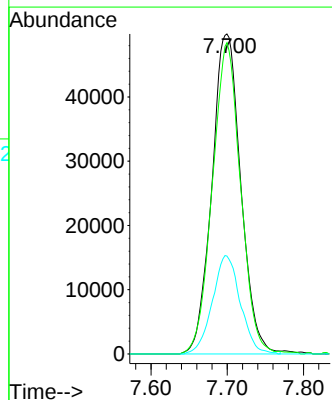
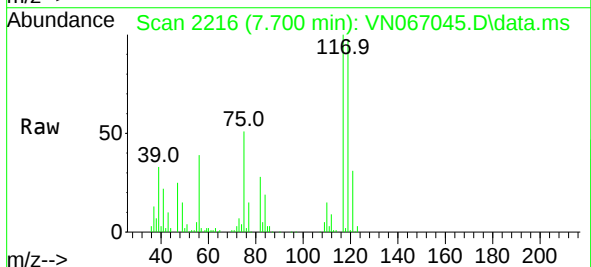
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

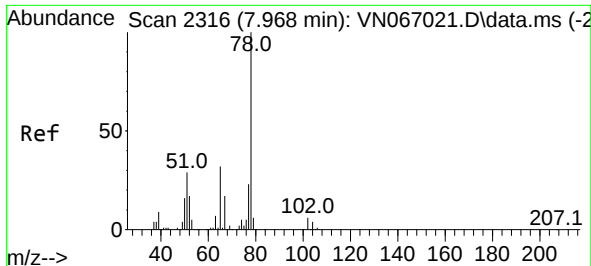
Tgt Ion: 97 Resp: 151988
Ion Ratio Lower Upper
97 100
99 63.1 50.6 75.8
61 46.6 36.6 55.0



#33
Carbon Tetrachloride
Concen: 17.97 ug/l
RT: 7.700 min Scan# 2216
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 117 Resp: 130923
Ion Ratio Lower Upper
117 100
119 97.2 78.0 117.0
121 30.6 24.8 37.2

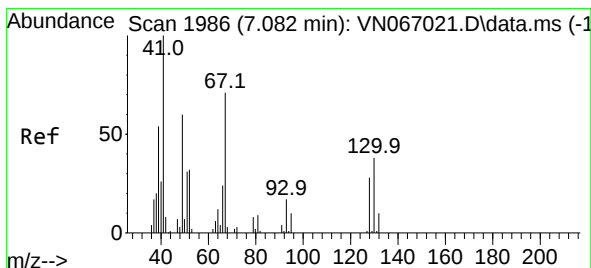
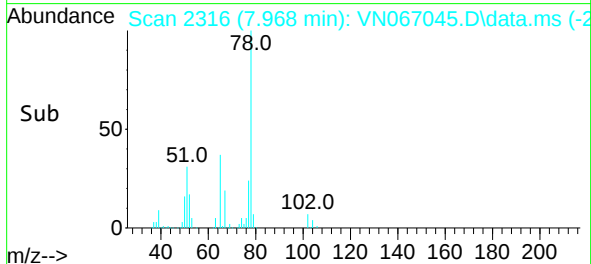
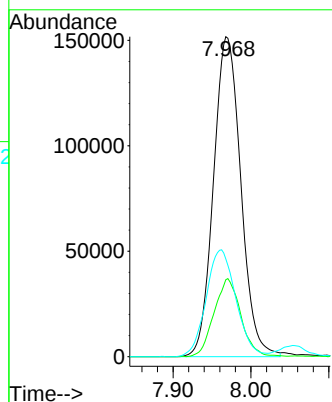
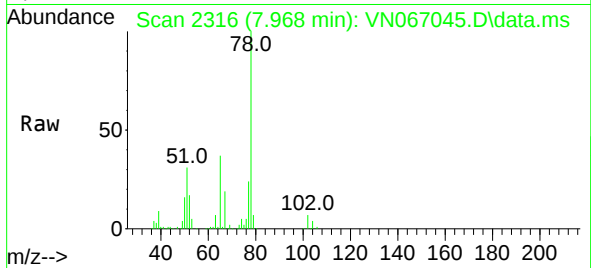




#34
Benzene
Concen: 17.69 ug/l
RT: 7.968 min Scan# 2316
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

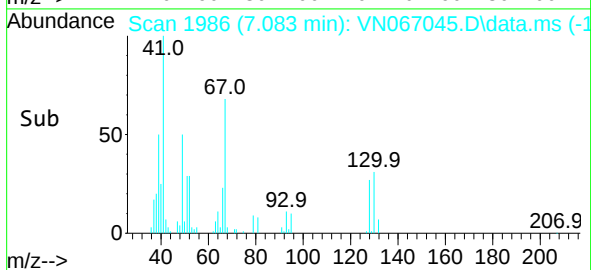
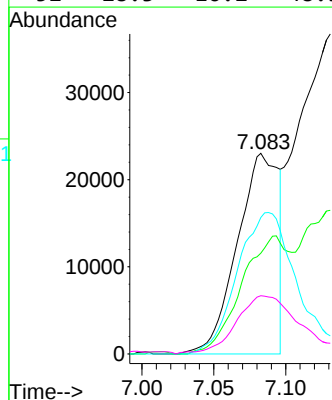
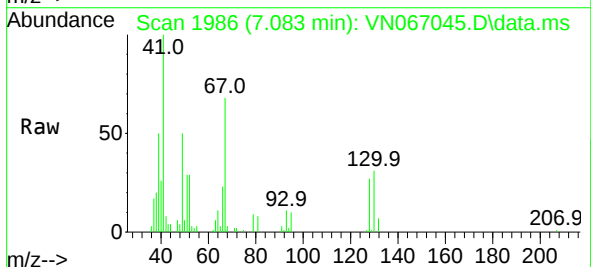
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

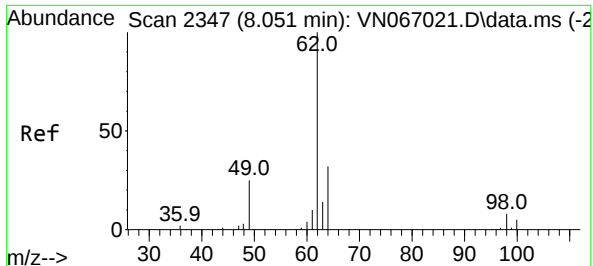
Tgt Ion: 78 Resp: 369687
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8
51 30.3 23.4 35.0



#35
Methacrylonitrile
Concen: 15.81 ug/l
RT: 7.083 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 41 Resp: 45707
Ion Ratio Lower Upper
41 100
39 50.2 27.6 82.8
67 68.0 35.5 106.5
52 28.3 16.2 48.5

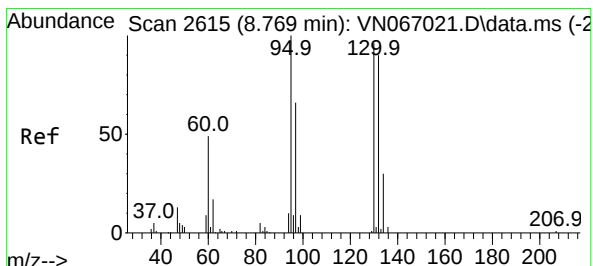
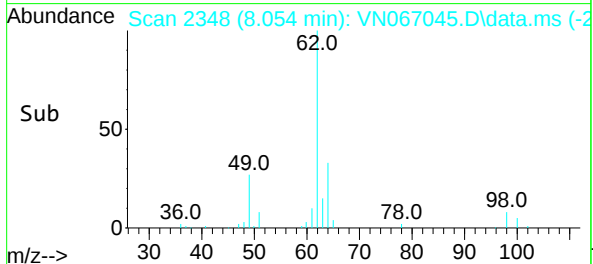
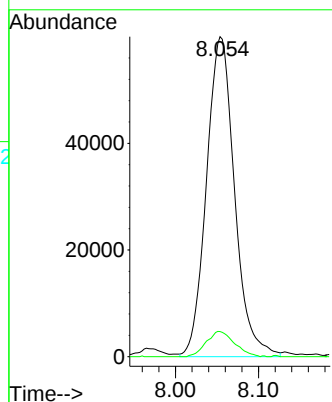
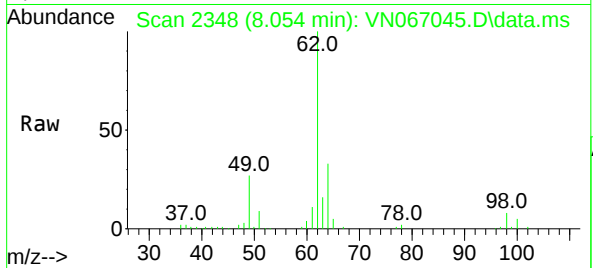




#36
1,2-Dichloroethane
Concen: 18.11 ug/l
RT: 8.054 min Scan# 2348
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

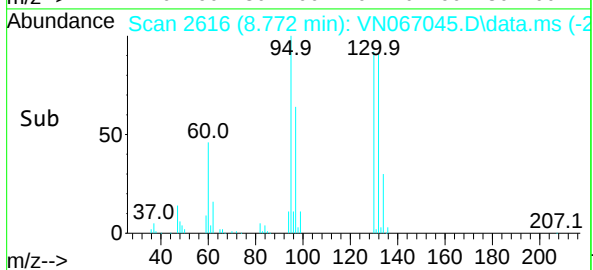
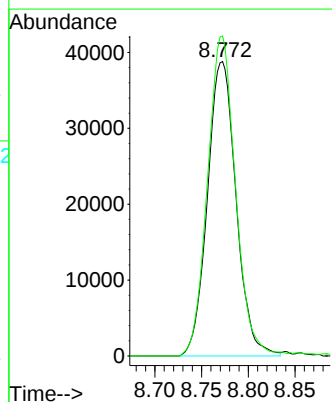
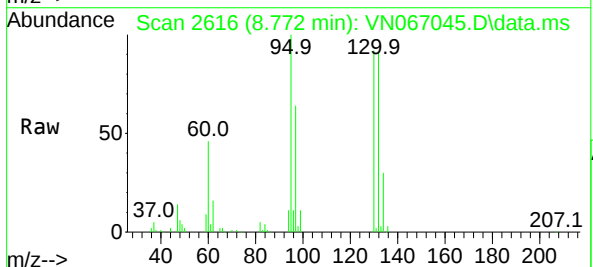
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

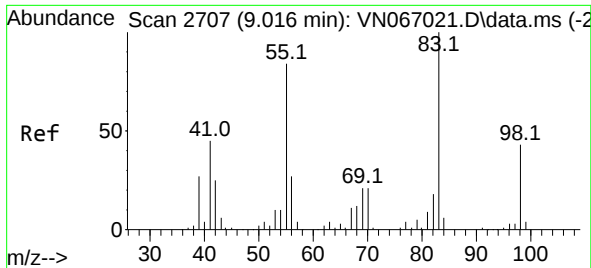
Tgt Ion: 62 Resp: 141073
Ion Ratio Lower Upper
62 100
98 7.9 6.5 9.7



#37
Trichloroethene
Concen: 18.32 ug/l
RT: 8.772 min Scan# 2616
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 130 Resp: 82873
Ion Ratio Lower Upper
130 100
95 108.7 83.5 125.3

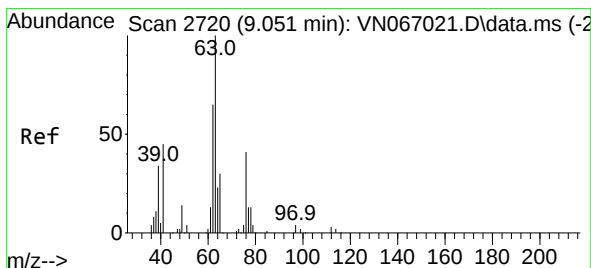
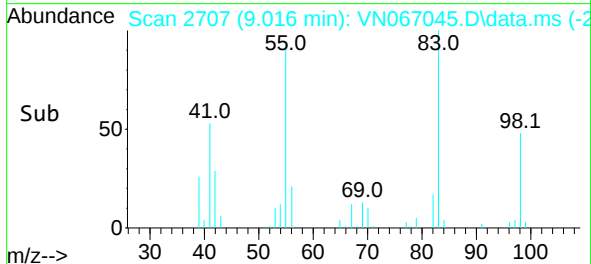
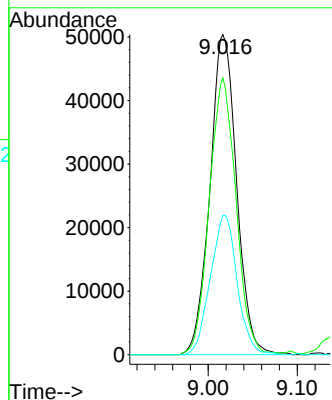
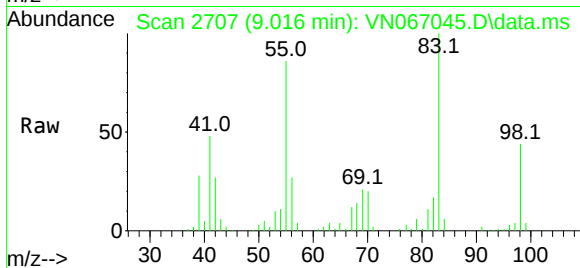




#38
Methylcyclohexane
Concen: 16.36 ug/l
RT: 9.016 min Scan# 2707
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

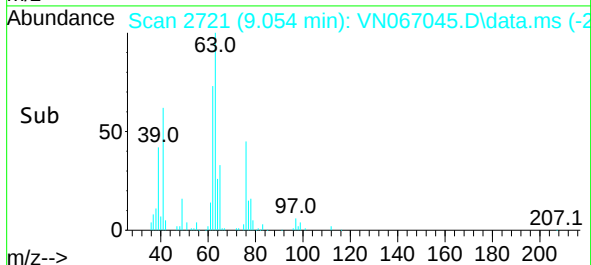
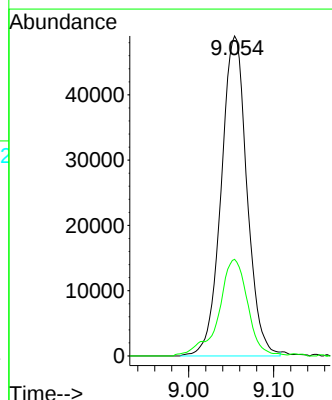
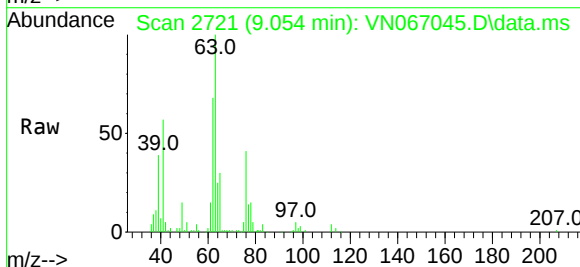
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

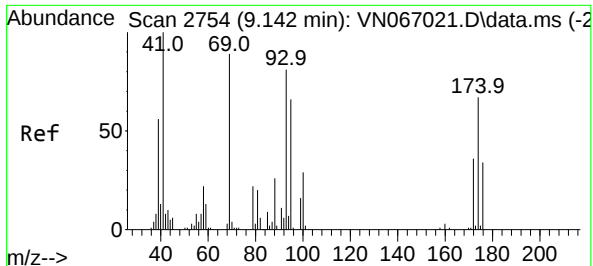
Tgt Ion: 83 Resp: 104996
Ion Ratio Lower Upper
83 100
55 86.7 43.1 129.3
98 43.8 22.0 66.0



#39
1,2-Dichloropropane
Concen: 17.77 ug/l
RT: 9.054 min Scan# 2721
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 63 Resp: 103088
Ion Ratio Lower Upper
63 100
65 29.5 24.7 37.1

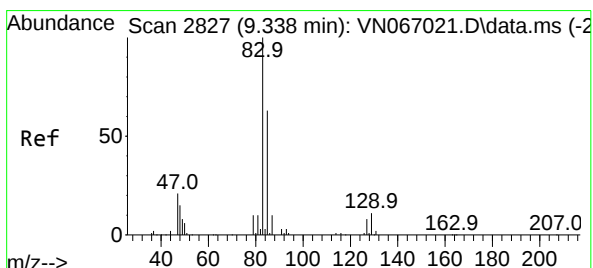
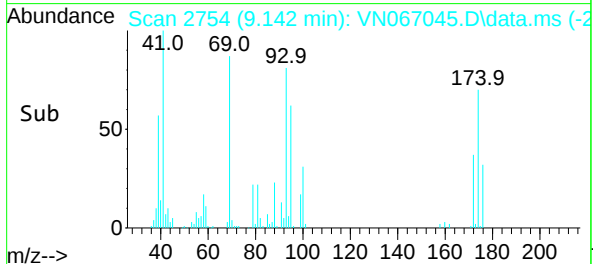
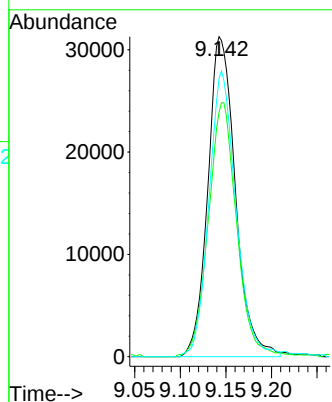
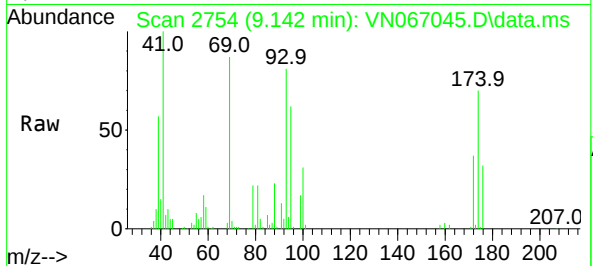




#40
Dibromomethane
Concen: 18.30 ug/l
RT: 9.142 min Scan# 2754
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

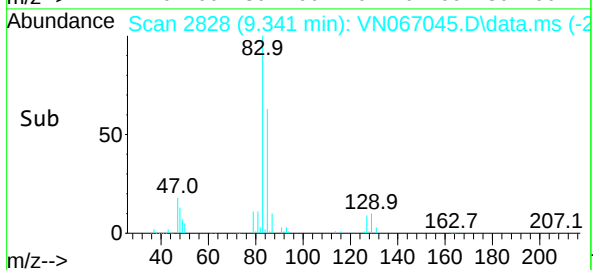
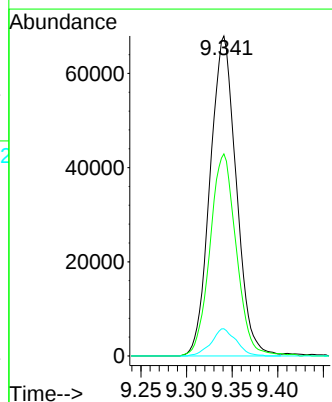
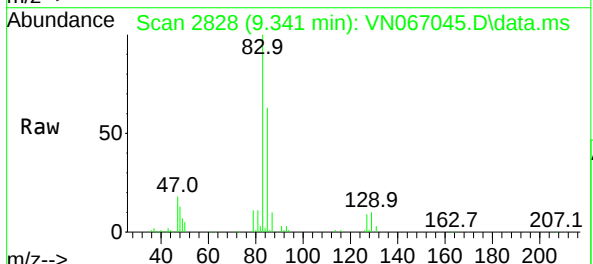
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

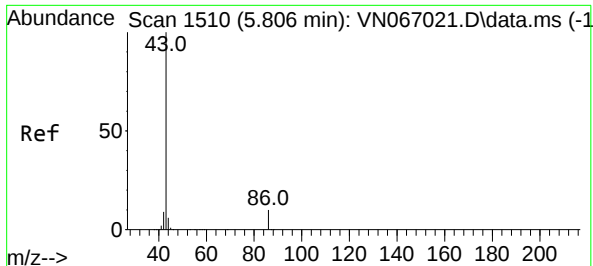
Tgt Ion:	93	Resp:	65612
Ion	Ratio	Lower	Upper
93	100		
95	81.0	0.0	166.4
174	87.2	0.0	175.8



#41
Bromodichloromethane
Concen: 17.91 ug/l
RT: 9.341 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:	83	Resp:	135604
Ion	Ratio	Lower	Upper
83	100		
85	63.2	50.0	75.0
127	8.5	6.5	9.7





#42

Vinyl Acetate

Concen: 87.94 ug/l

RT: 5.811 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VN067045.D

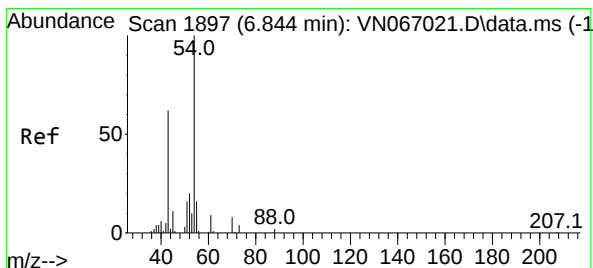
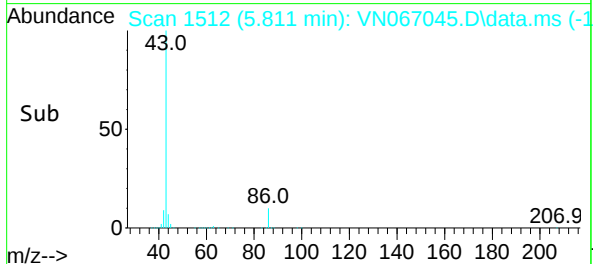
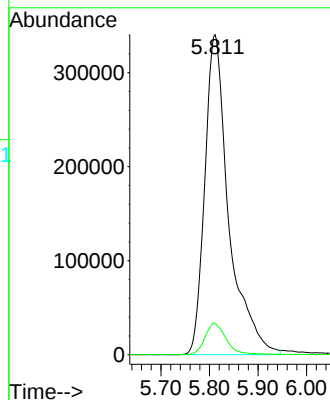
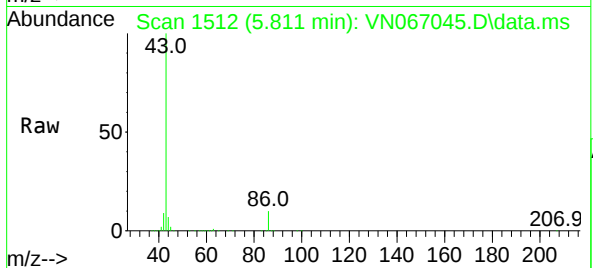
Acq: 7 May 2021 6:22

Tgt Ion: 43 Resp: 1171707

Ion Ratio Lower Upper

43 100

86 8.5 6.8 10.2



#43

Ethyl Acetate

Concen: 16.62 ug/l

RT: 6.849 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VN067045.D

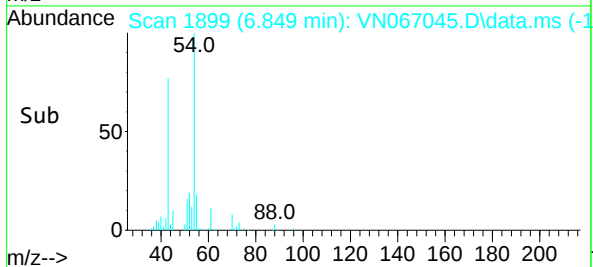
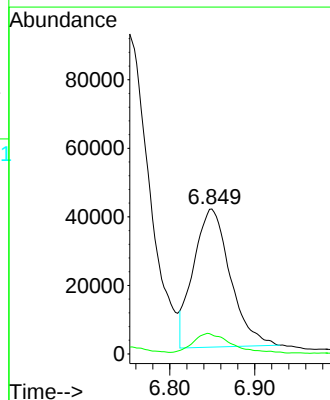
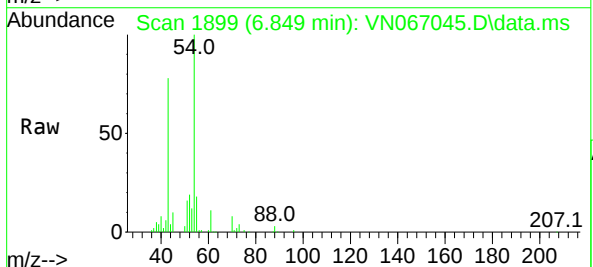
Acq: 7 May 2021 6:22

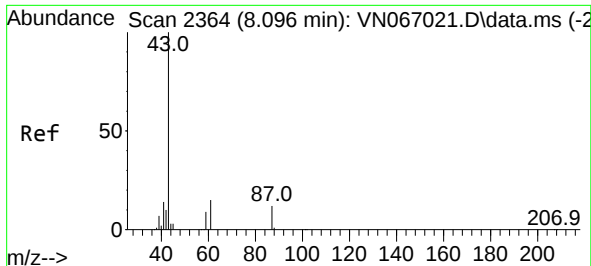
Tgt Ion: 43 Resp: 121039

Ion Ratio Lower Upper

43 100

45 13.3 9.9 14.9

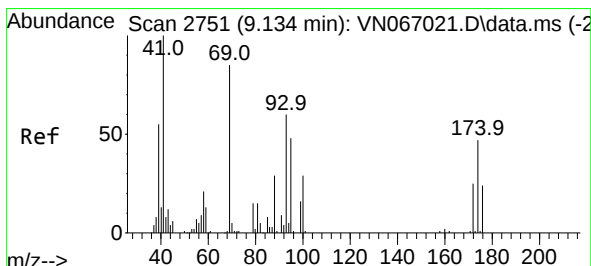
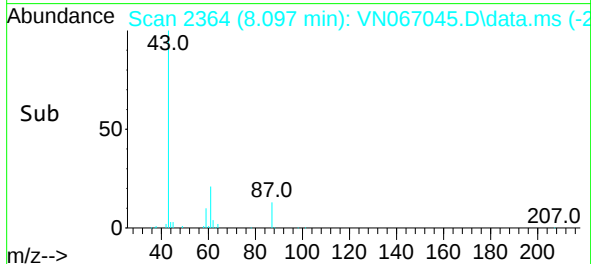
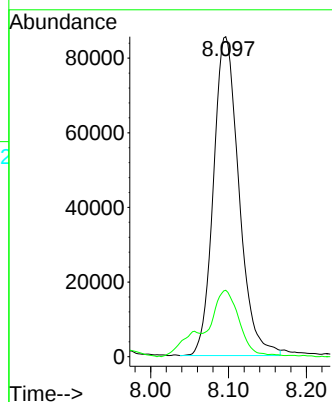
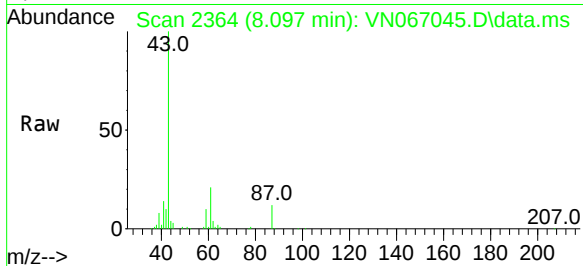




#44
Isopropyl Acetate
Concen: 17.57 ug/l
RT: 8.097 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

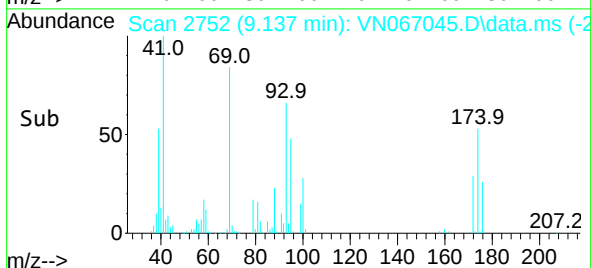
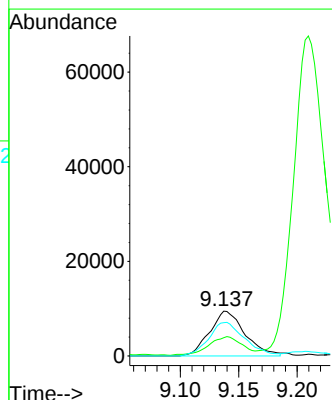
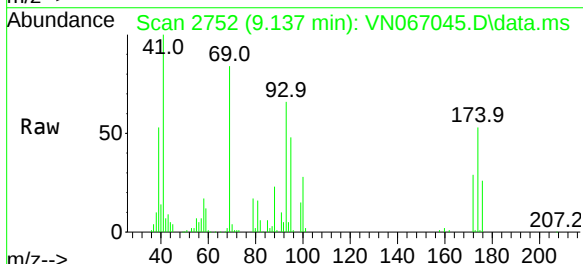
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

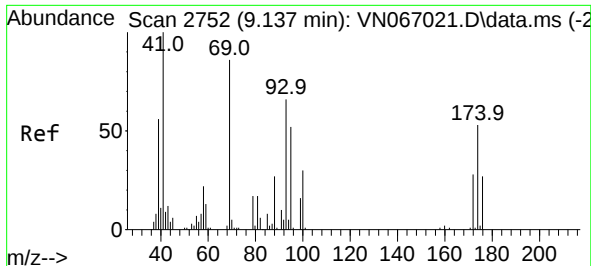
Tgt Ion: 43 Resp: 194376
Ion Ratio Lower Upper
43 100
61 19.9 15.8 23.6



#45
1,4-Dioxane
Concen: 281.10 ug/l
RT: 9.137 min Scan# 2752
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 88 Resp: 19871
Ion Ratio Lower Upper
88 100
43 34.9 28.0 42.0
58 76.9 62.8 94.2





#46

Methyl methacrylate

Concen: 16.78 ug/l

RT: 9.137 min Scan# 2752

Delta R.T. 0.000 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

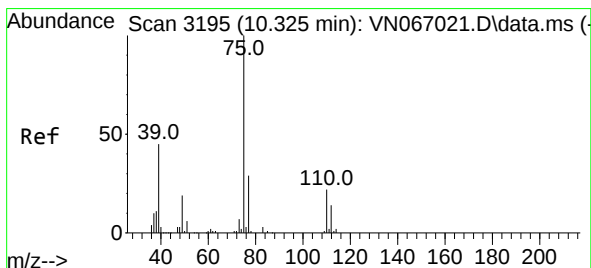
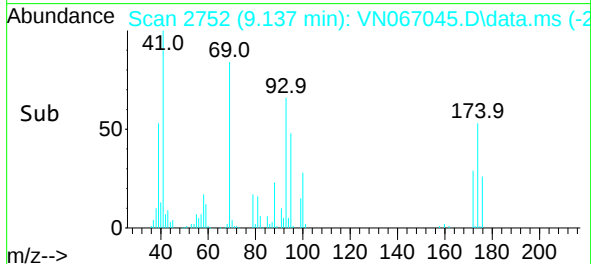
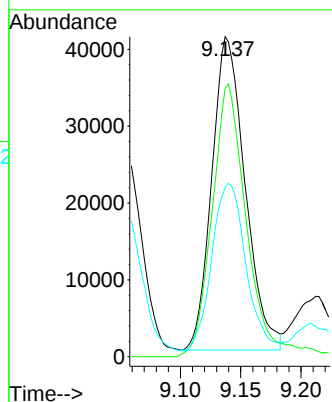
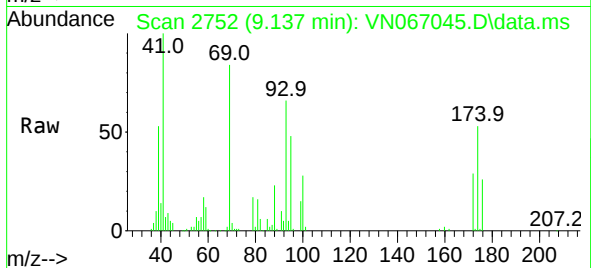
Tgt Ion: 41 Resp: 78194

Ion Ratio Lower Upper

41 100

69 85.6 42.7 128.1

39 52.3 28.1 84.2



#48

t-1,3-Dichloropropene

Concen: 16.40 ug/l

RT: 10.325 min Scan# 3195

Delta R.T. 0.000 min

Lab File: VN067045.D

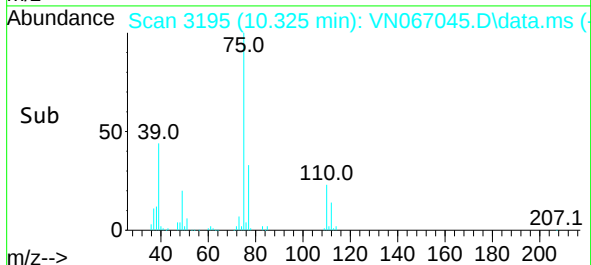
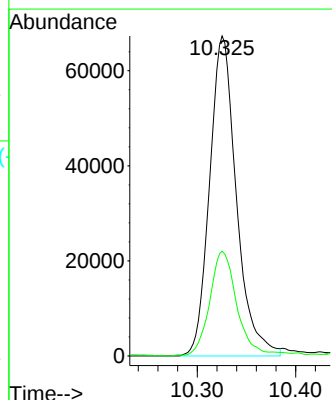
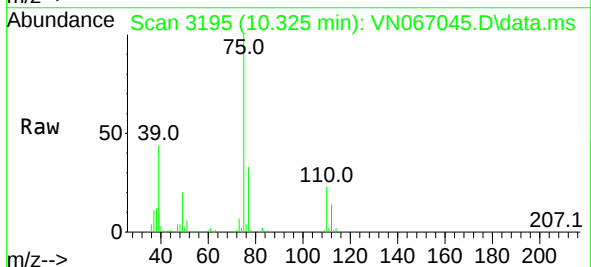
Acq: 7 May 2021 6:22

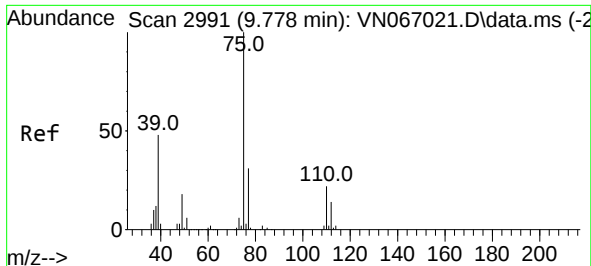
Tgt Ion: 75 Resp: 127292

Ion Ratio Lower Upper

75 100

77 32.4 23.0 34.6



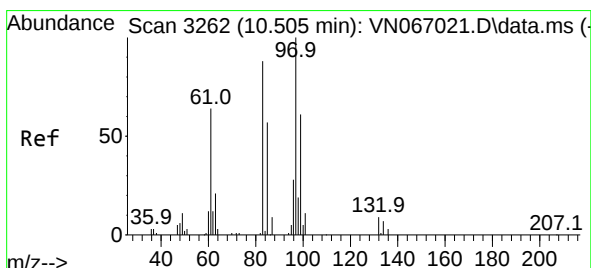
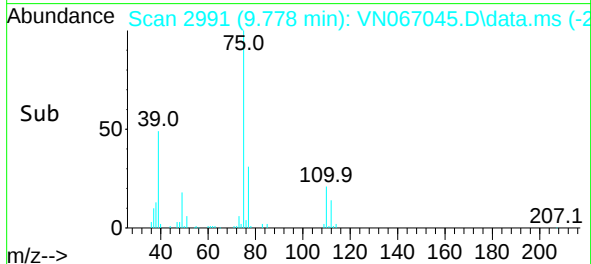
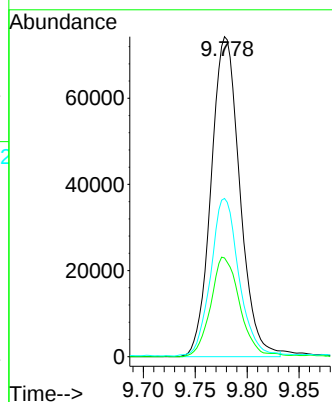
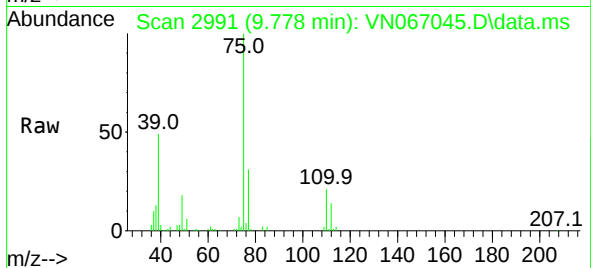


#49

cis-1,3-Dichloropropene
Concen: 16.77 ug/l
RT: 9.778 min Scan# 2991
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

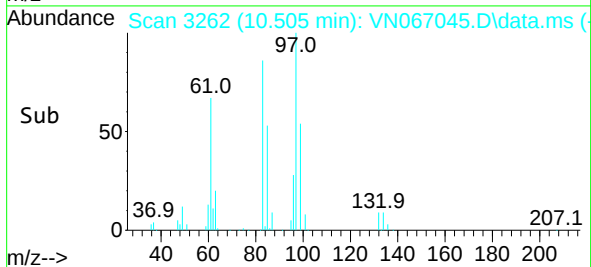
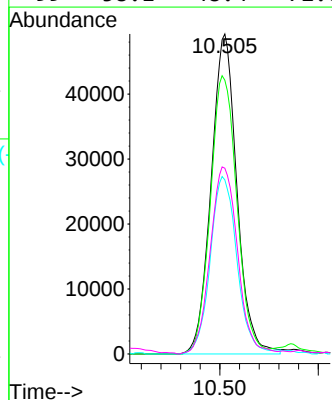
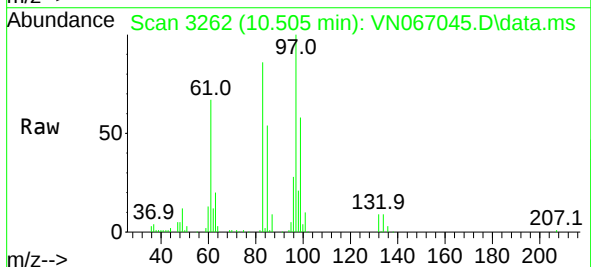
Tgt Ion: 75 Resp: 142688
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4
39 48.9 38.2 57.2

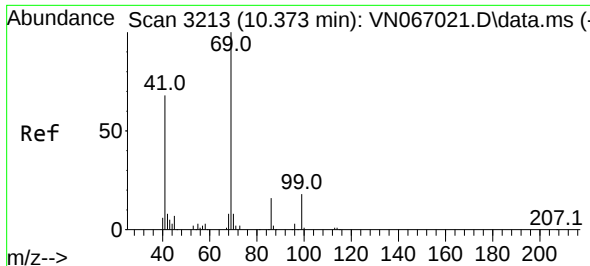


#50

1,1,2-Trichloroethane
Concen: 18.08 ug/l
RT: 10.505 min Scan# 3262
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 97 Resp: 89646
Ion Ratio Lower Upper
97 100
83 85.6 70.6 106.0
85 54.4 45.6 68.4
99 58.1 48.4 72.6

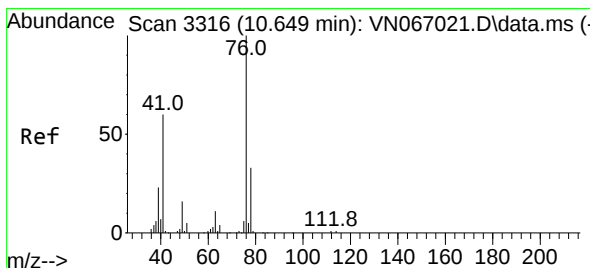
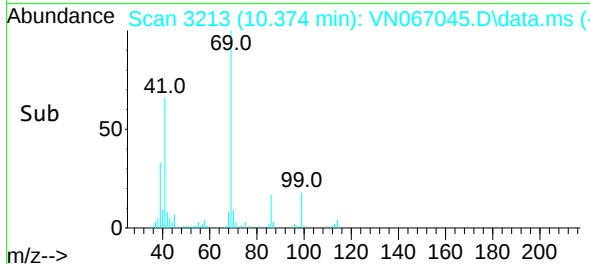
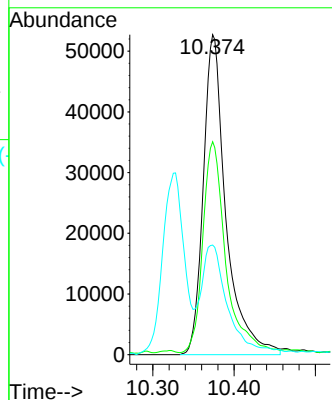
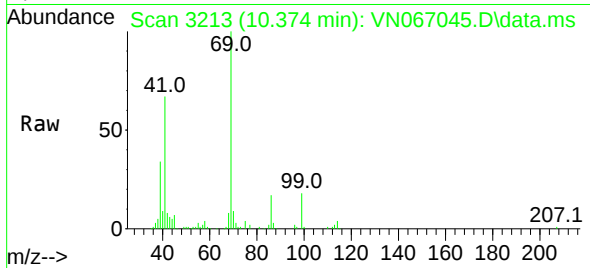




#51
Ethyl methacrylate
Concen: 15.78 ug/l
RT: 10.374 min Scan# 3213
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

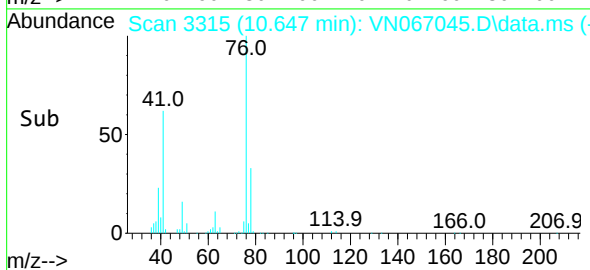
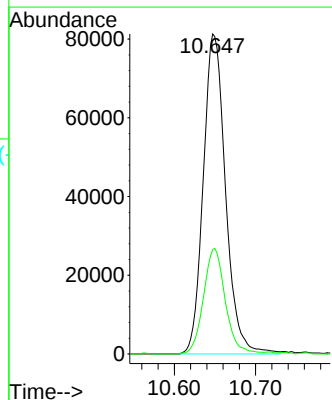
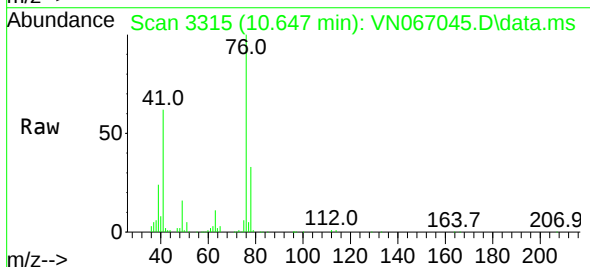
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

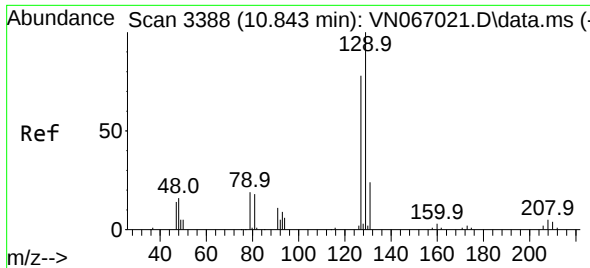
Tgt Ion: 69 Resp: 102291
Ion Ratio Lower Upper
69 100
41 65.9 33.9 101.7
39 32.7 17.3 51.9



#52
1,3-Dichloropropane
Concen: 17.99 ug/l
RT: 10.647 min Scan# 3315
Delta R.T. -0.002 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 76 Resp: 154899
Ion Ratio Lower Upper
76 100
78 32.3 0.0 64.4

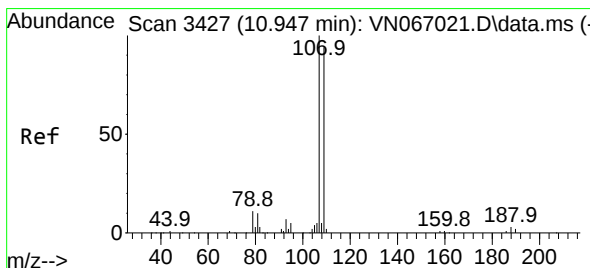
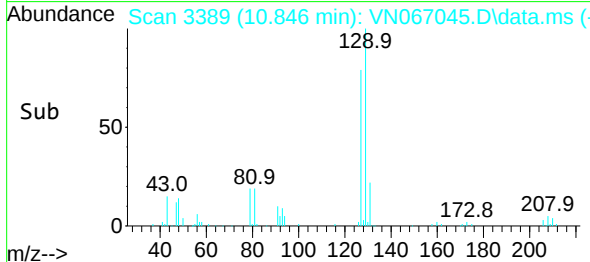
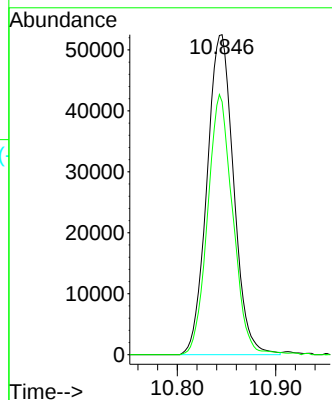
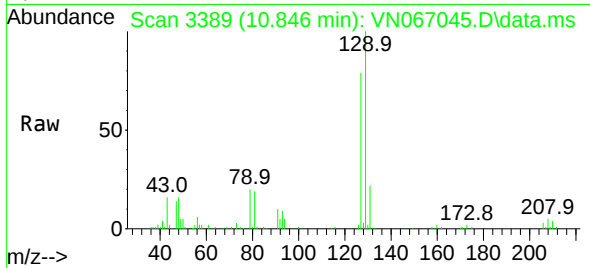




#53
Dibromochloromethane
Concen: 18.18 ug/l
RT: 10.846 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

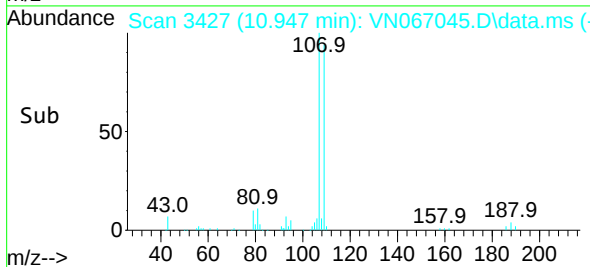
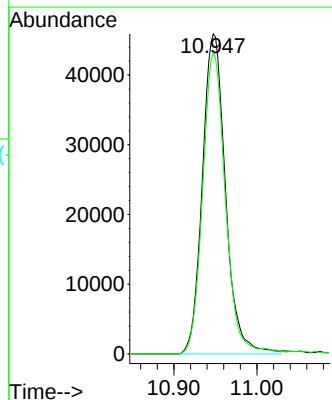
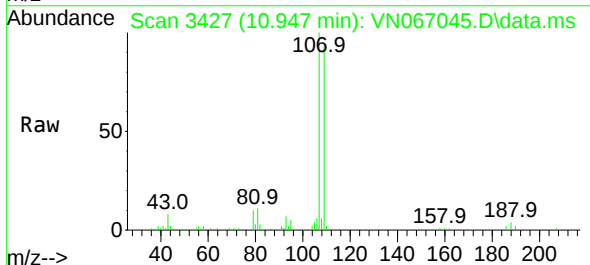
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

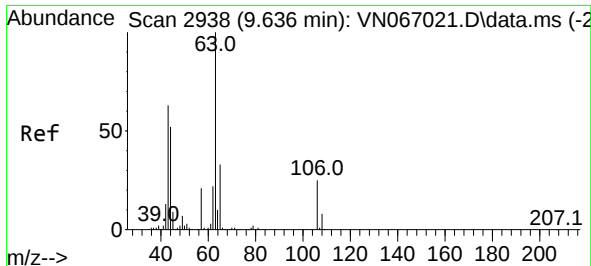
Tgt Ion:129 Resp: 99111
Ion Ratio Lower Upper
129 100
127 76.7 38.6 115.8



#54
1,2-Dibromoethane
Concen: 18.69 ug/l
RT: 10.947 min Scan# 3427
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:107 Resp: 88619
Ion Ratio Lower Upper
107 100
109 91.8 75.0 112.6

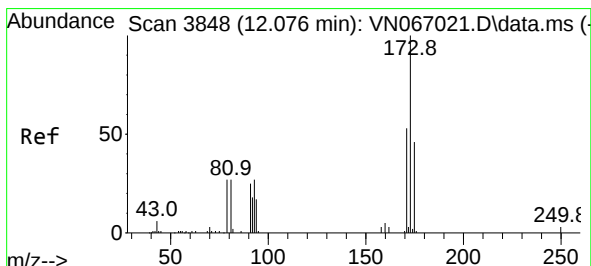
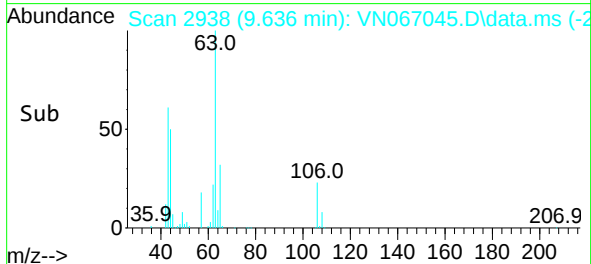
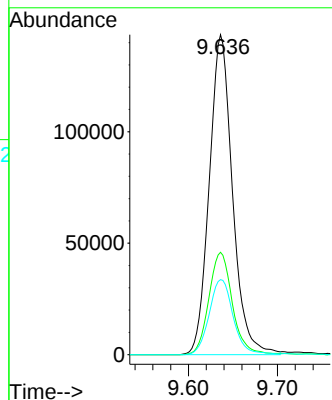
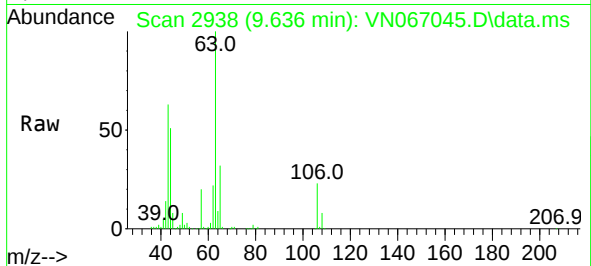




#55
2-Chloroethyl vinyl ether
Concen: 209.57 ug/l
RT: 9.636 min Scan# 2938
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

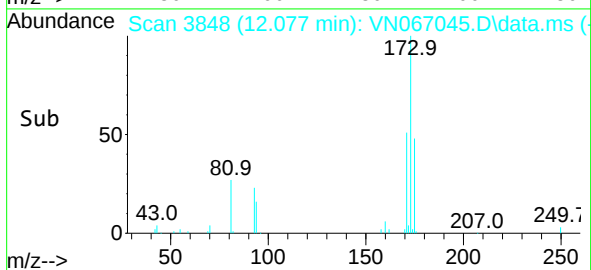
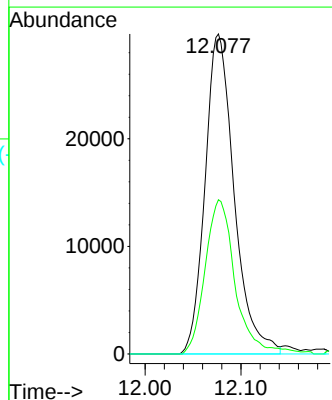
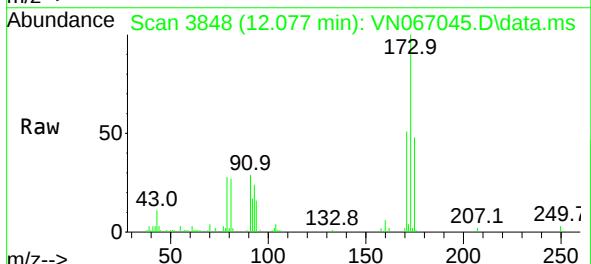
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

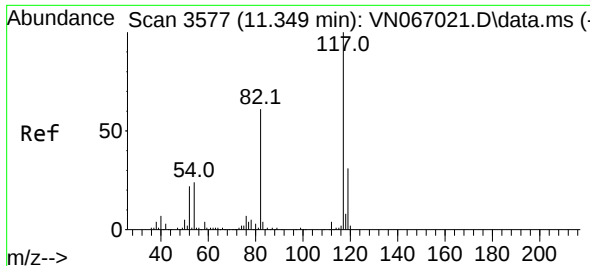
Tgt Ion: 63 Resp: 260120
Ion Ratio Lower Upper
63 100
65 32.6 25.4 38.2
106 24.3 18.9 28.3



#56
Bromoform
Concen: 17.36 ug/l
RT: 12.077 min Scan# 3848
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 173 Resp: 62852
Ion Ratio Lower Upper
173 100
175 48.2 38.6 57.8
254 0.0 0.0 0.0

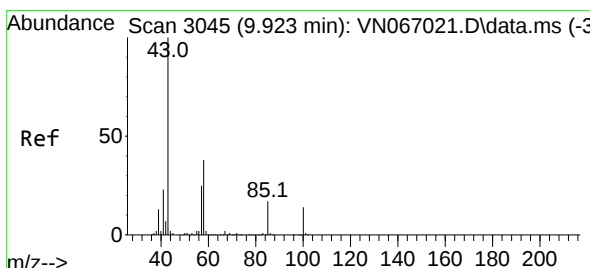
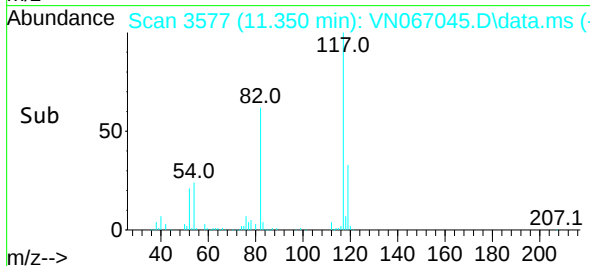
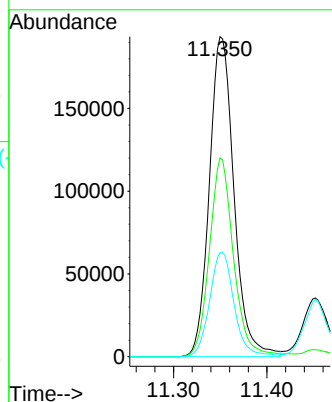
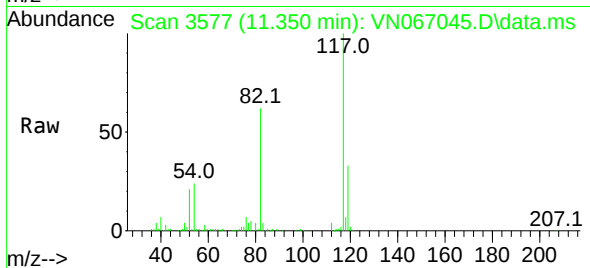




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.350 min Scan# 3577
Delta R.T. 0.001 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

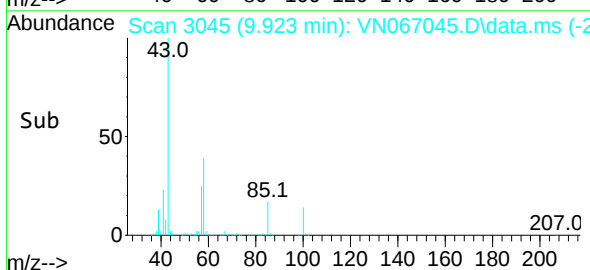
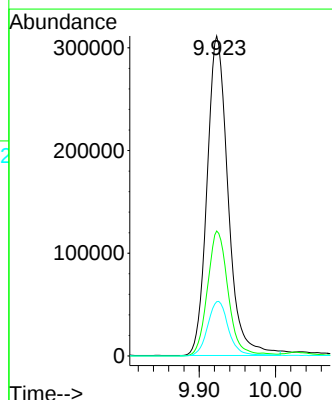
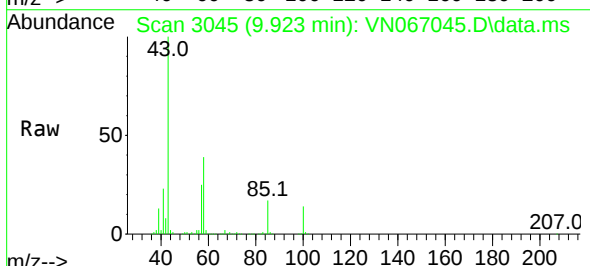
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

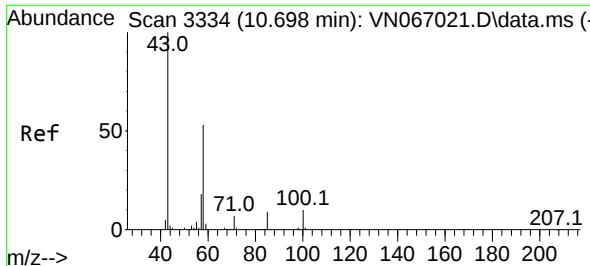
Tgt Ion:	117	Resp:	354256
Ion	Ratio	Lower	Upper
117	100		
82	60.7	49.3	73.9
119	32.4	25.5	38.3



#58
4-Methyl-2-Pentanone
Concen: 89.83 ug/l
RT: 9.923 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:	43	Resp:	595785
Ion	Ratio	Lower	Upper
43	100		
58	38.3	30.4	45.6
85	17.2	13.4	20.0

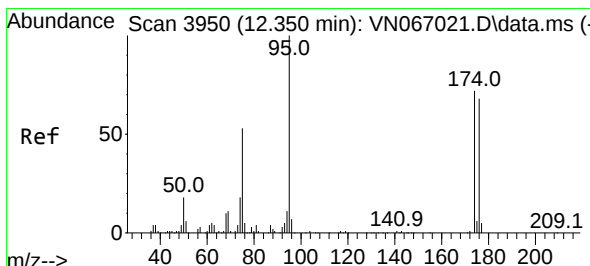
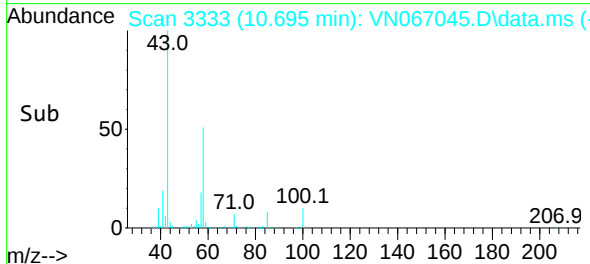
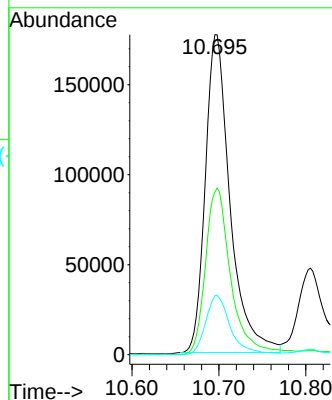
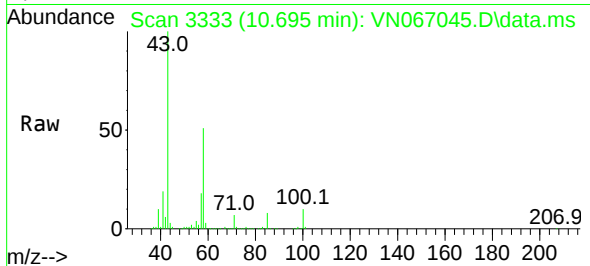




#59
2-Hexanone
Concen: 89.55 ug/l
RT: 10.695 min Scan# 3333
Delta R.T. -0.002 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

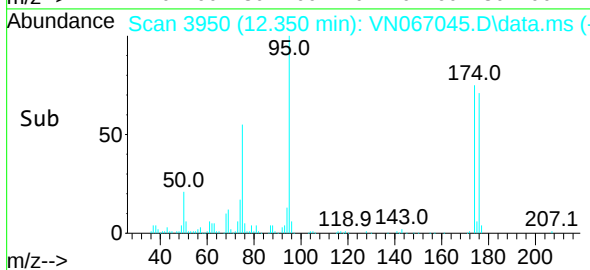
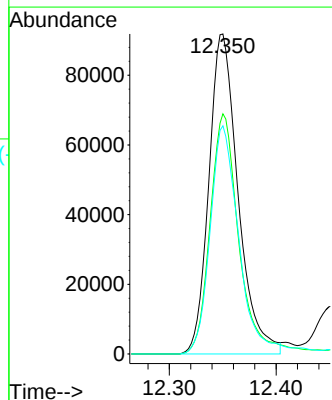
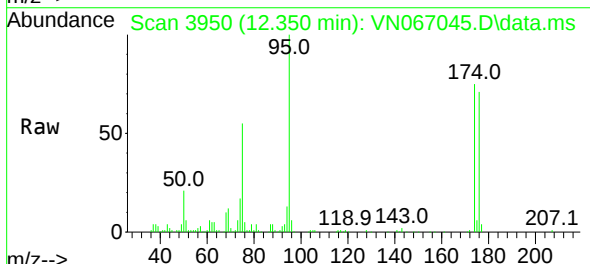
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

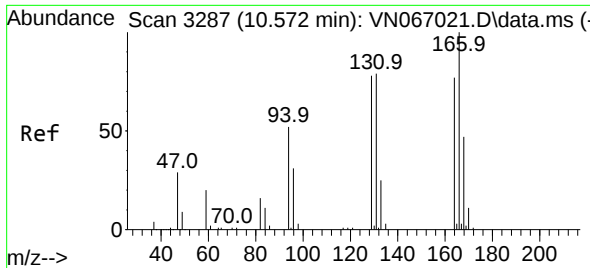
Tgt Ion: 43 Resp: 350280
Ion Ratio Lower Upper
43 100
58 53.4 42.7 64.1
57 18.4 14.7 22.1



#60
4-Bromofluorobenzene
Concen: 29.61 ug/l
RT: 12.350 min Scan# 3950
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 95 Resp: 174518
Ion Ratio Lower Upper
95 100
174 74.3 57.2 85.8
176 70.3 54.5 81.7

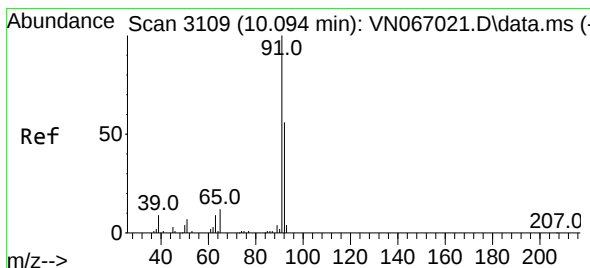
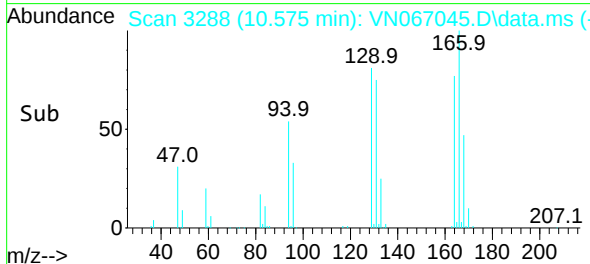
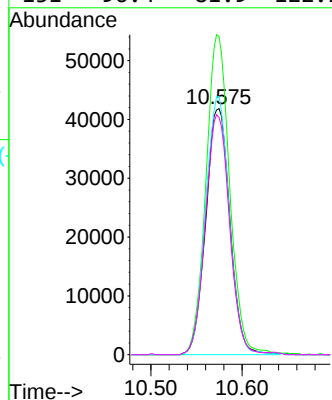
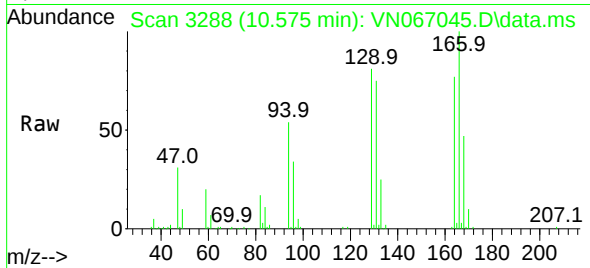




#61
Tetrachloroethene
Concen: 19.26 ug/l
RT: 10.575 min Scan# 3288
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

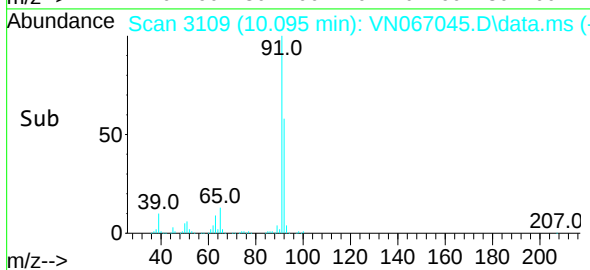
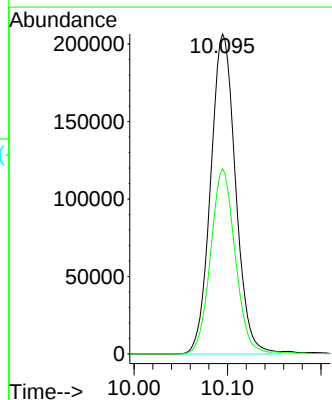
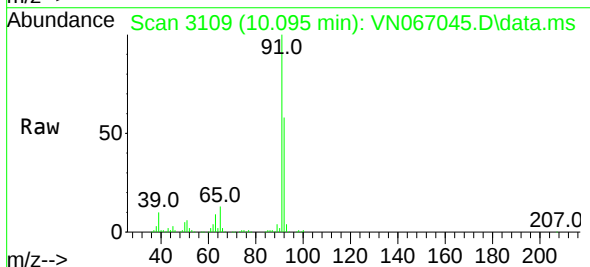
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

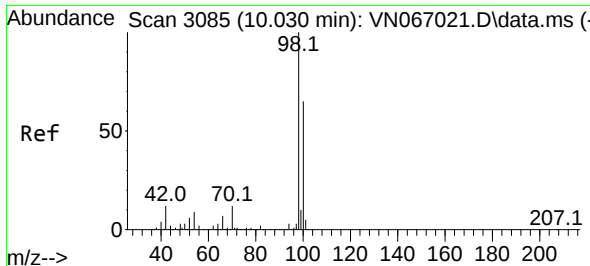
Tgt Ion:164 Resp: 77308
Ion Ratio Lower Upper
164 100
166 129.3 103.4 155.0
129 105.0 80.6 120.8
131 96.4 81.9 122.9



#62
Toluene
Concen: 17.48 ug/l
RT: 10.095 min Scan# 3109
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 91 Resp: 382021
Ion Ratio Lower Upper
91 100
92 57.0 46.2 69.2

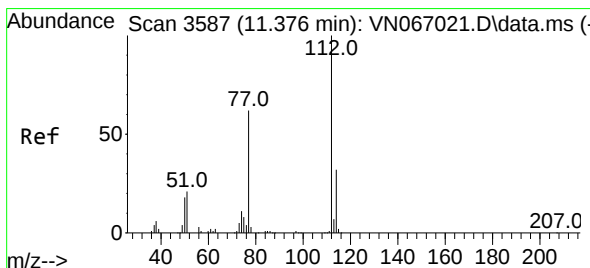
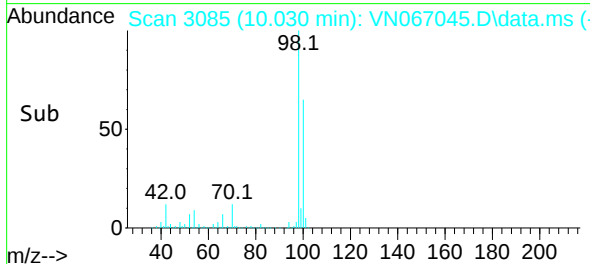
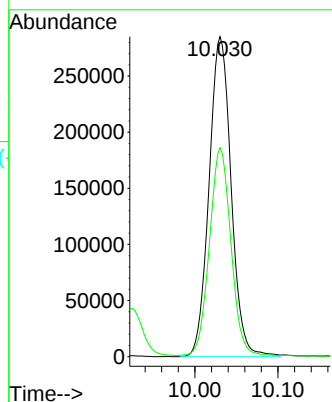
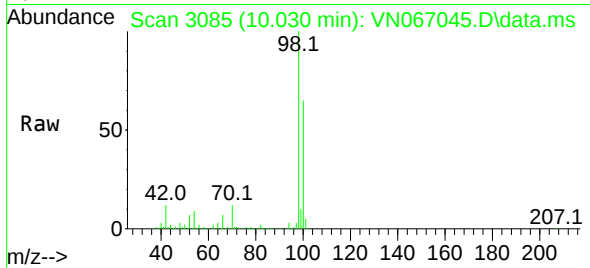




#63
Toluene-d8
Concen: 29.96 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

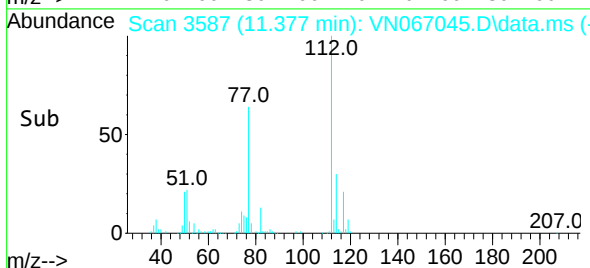
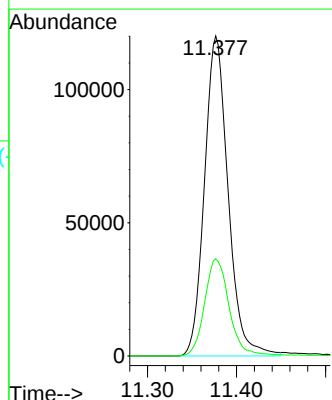
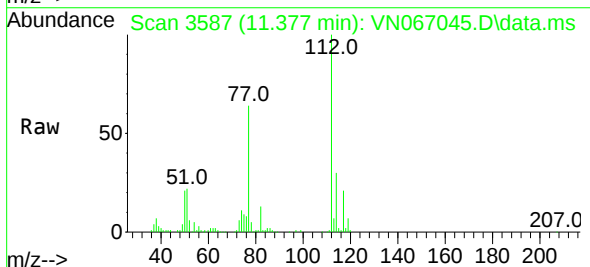
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

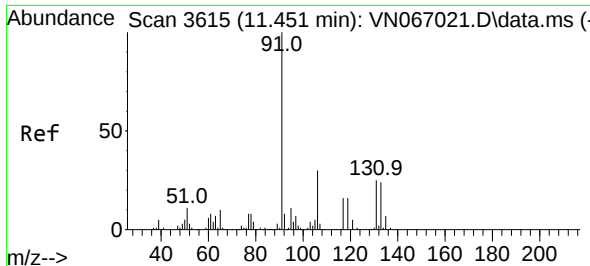
Tgt Ion: 98 Resp: 525714
Ion Ratio Lower Upper
98 100
100 63.5 51.1 76.7



#64
Chlorobenzene
Concen: 17.34 ug/l
RT: 11.377 min Scan# 3587
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 112 Resp: 221347
Ion Ratio Lower Upper
112 100
114 30.4 25.2 37.8

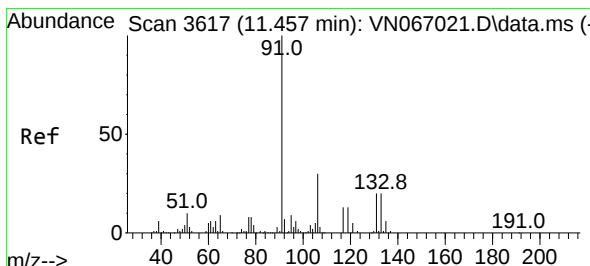
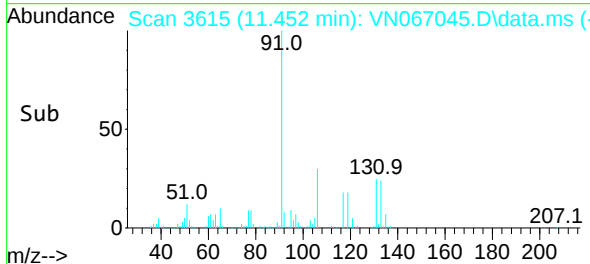
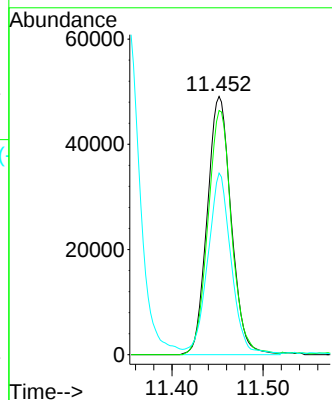
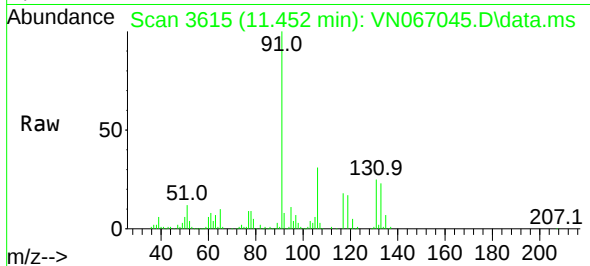




#65
1,1,1,2-Tetrachloroethane
Concen: 17.60 ug/l
RT: 11.452 min Scan# 3615
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

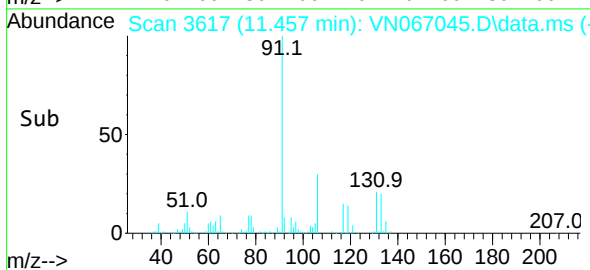
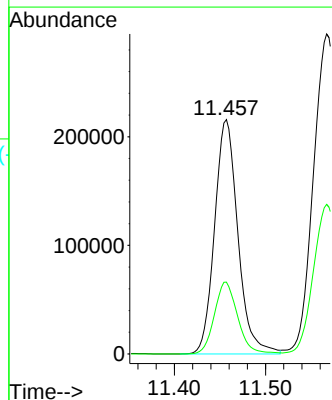
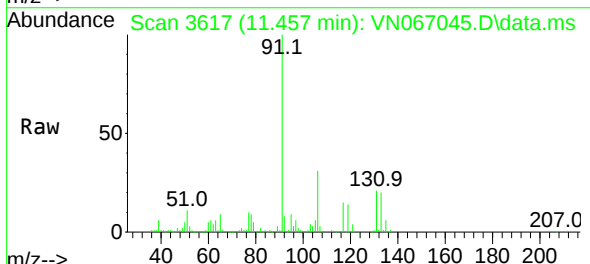
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

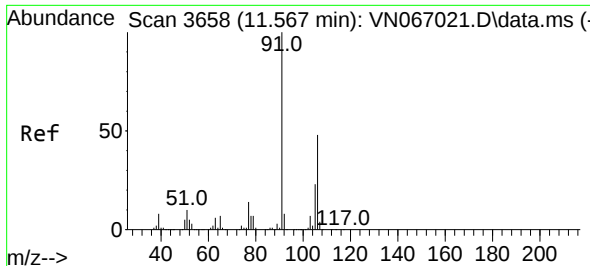
Tgt Ion:131 Resp: 89613
Ion Ratio Lower Upper
131 100
133 93.8 0.0 192.4
119 67.4 0.0 133.2



#66
Ethyl Benzene
Concen: 17.29 ug/l
RT: 11.457 min Scan# 3617
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 91 Resp: 383555
Ion Ratio Lower Upper
91 100
106 30.6 24.1 36.1

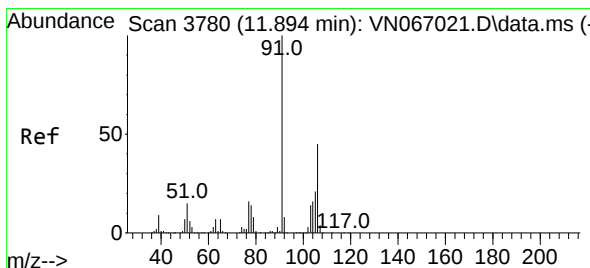
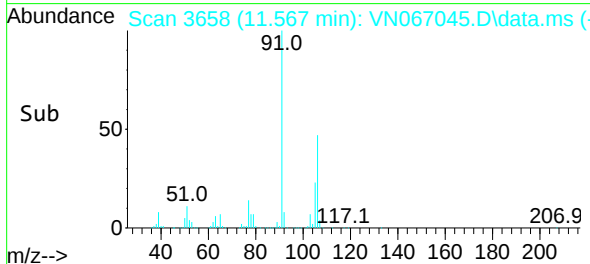
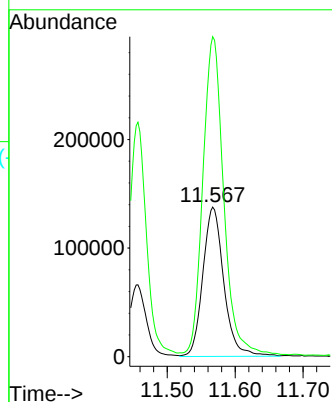
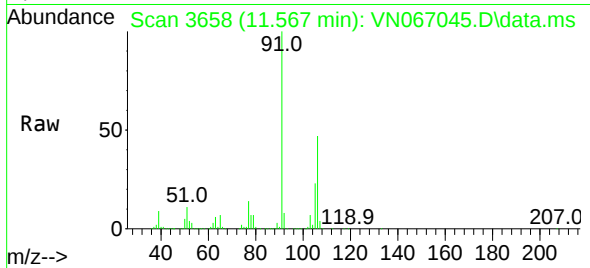




#67
m/p-Xylenes
Concen: 35.41 ug/l
RT: 11.567 min Scan# 3658
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

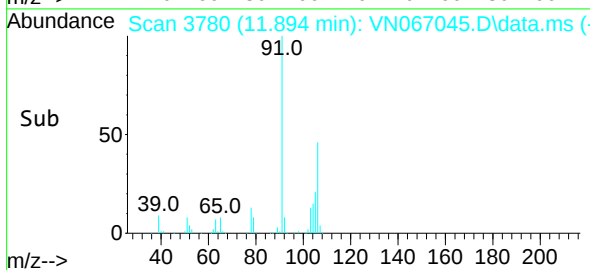
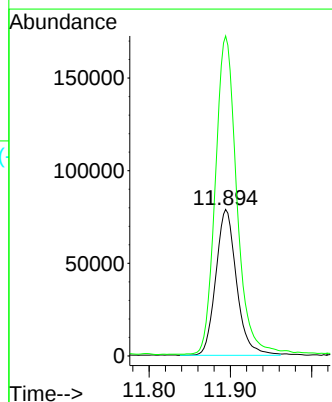
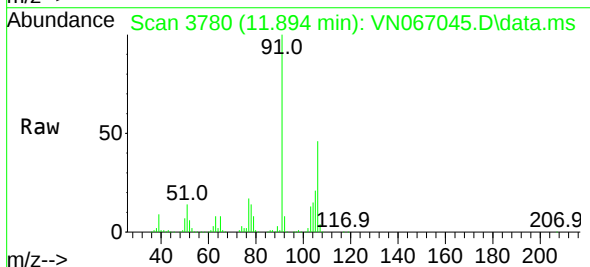
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MSVOA_N
ClientSampleId :
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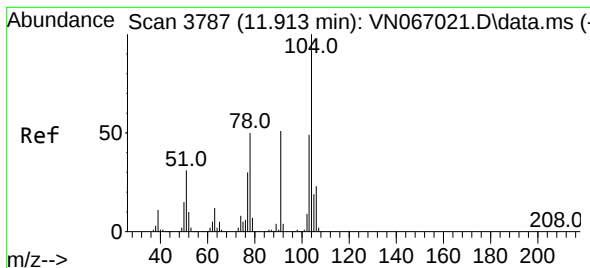
Tgt Ion:106 Resp: 295031
Ion Ratio Lower Upper
106 100
91 206.5 173.2 259.8



#68
o-Xylene
Concen: 17.04 ug/l
RT: 11.894 min Scan# 3780
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:106 Resp: 140099
Ion Ratio Lower Upper
106 100
91 222.5 113.3 339.9





#69

Styrene

Concen: 16.75 ug/l

RT: 11.913 min Scan# 3787

Delta R.T. 0.000 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

Tgt Ion:104 Resp: 211645

Ion Ratio Lower Upper

104 100

78 56.4 43.8 65.6

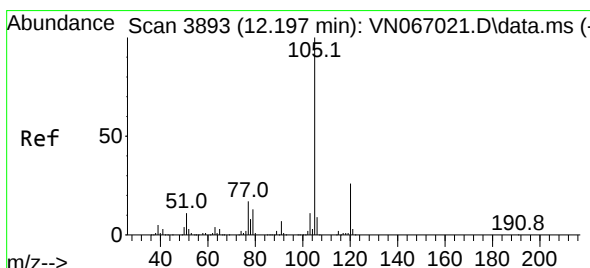
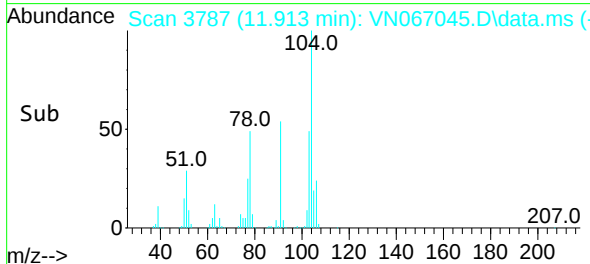
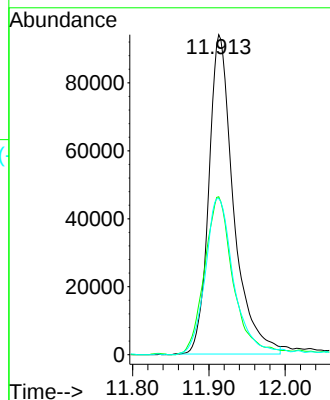
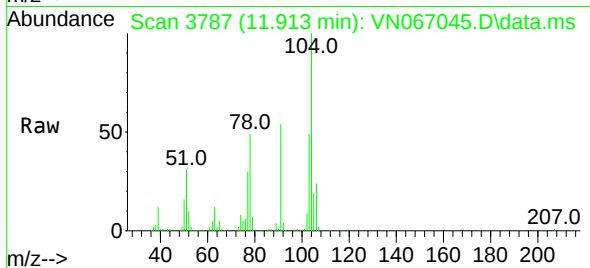
103 56.4 43.9 65.9

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



#70

Isopropylbenzene

Concen: 17.43 ug/l

RT: 12.197 min Scan# 3893

Delta R.T. 0.000 min

Lab File: VN067045.D

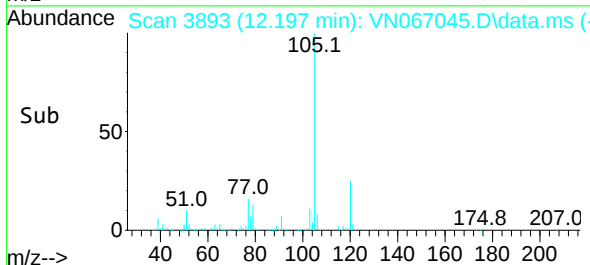
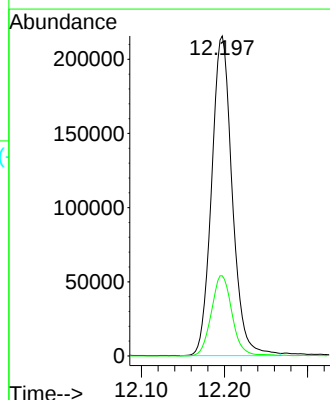
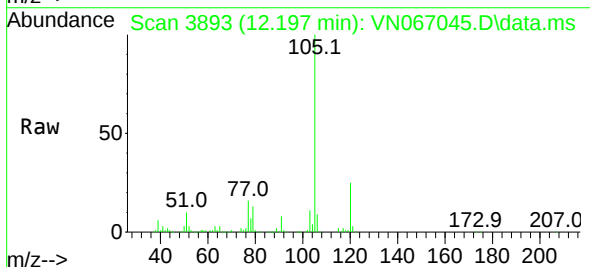
Acq: 7 May 2021 6:22

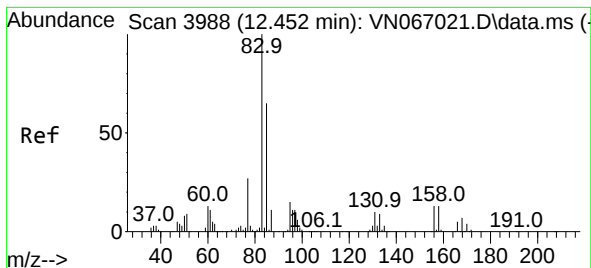
Tgt Ion:105 Resp: 371559

Ion Ratio Lower Upper

105 100

120 25.1 18.2 33.8

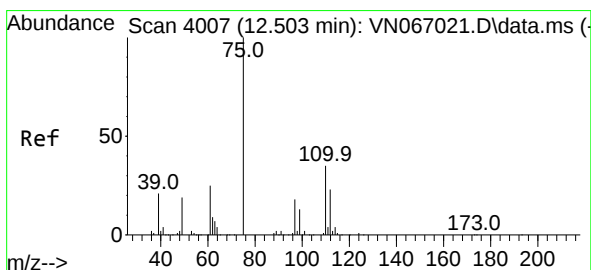
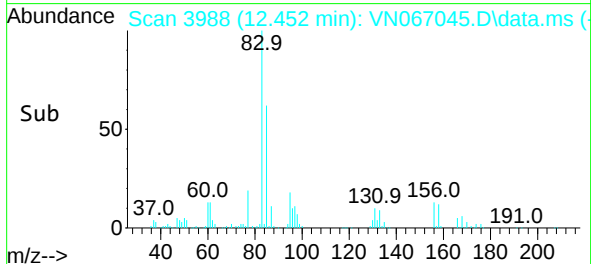
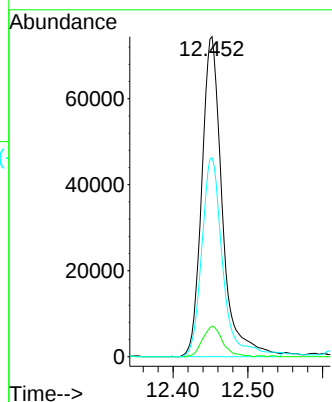
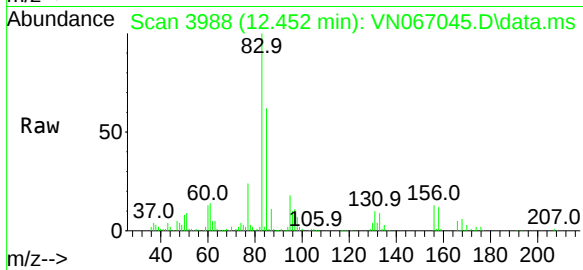




#71
1,1,2,2-Tetrachloroethane
Concen: 18.27 ug/l
RT: 12.452 min Scan# 3988
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

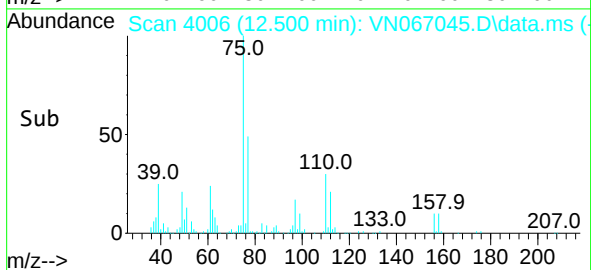
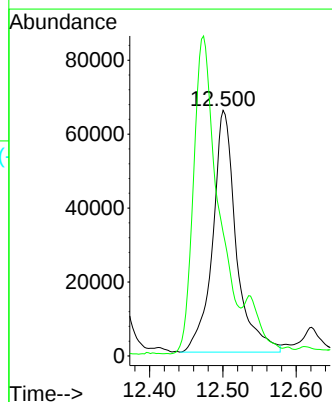
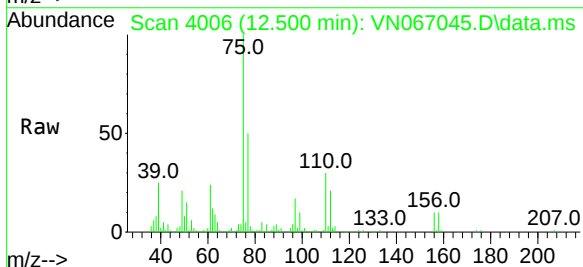
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

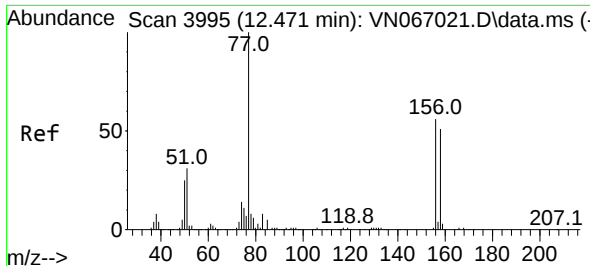
Tgt Ion: 83 Resp: 141806
Ion Ratio Lower Upper
83 100
131 9.3 4.6 13.8
85 63.3 31.0 93.0



#72
1,2,3-Trichloropropane
Concen: 20.78 ug/l
RT: 12.500 min Scan# 4006
Delta R.T. -0.002 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 75 Resp: 146150
Ion Ratio Lower Upper
75 100
77 137.0 0.0 329.6

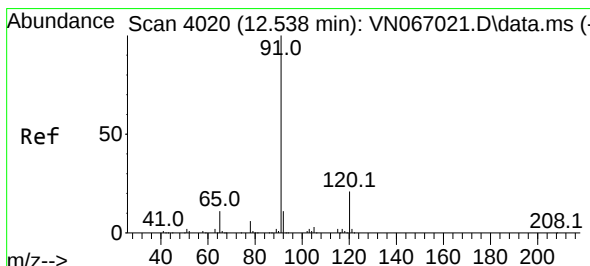
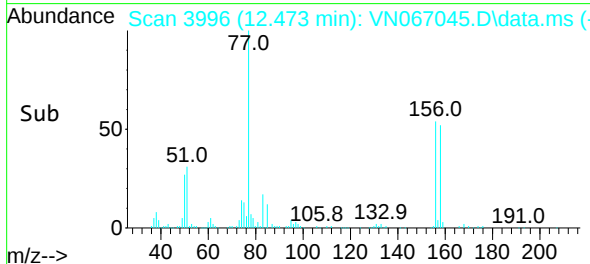
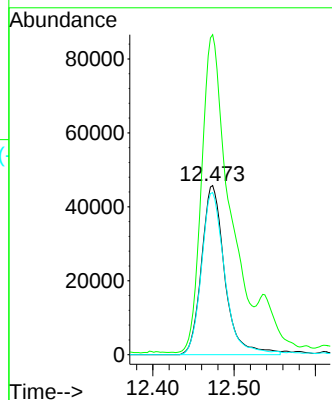
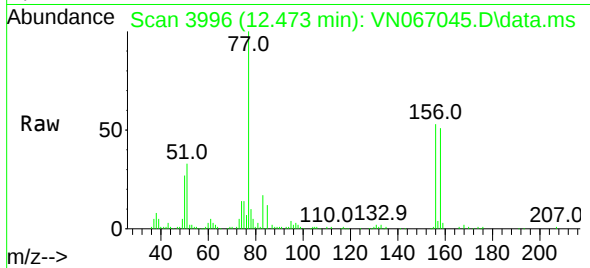




#73
Bromobenzene
Concen: 17.62 ug/l
RT: 12.473 min Scan# 3996
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

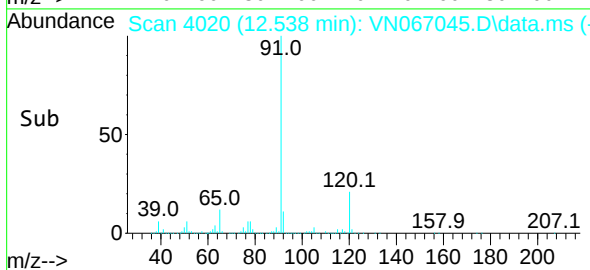
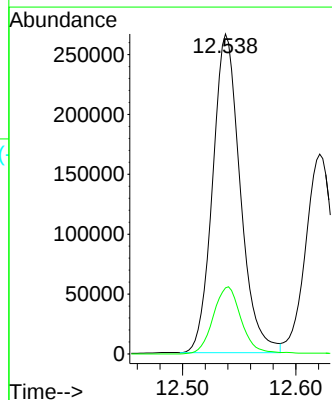
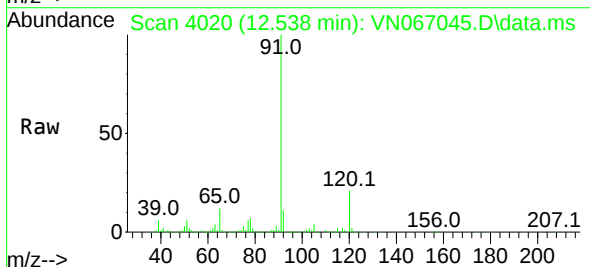
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

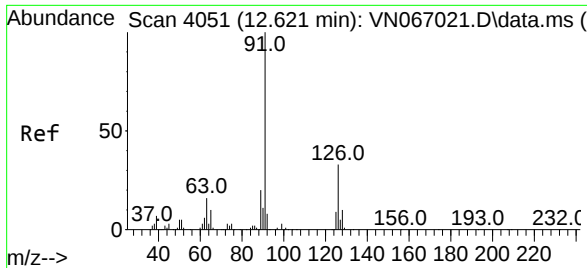
Tgt Ion:156 Resp: 90718
Ion Ratio Lower Upper
156 100
77 220.8 0.0 448.2
158 95.8 0.0 192.4



#74
n-propylbenzene
Concen: 18.43 ug/l
RT: 12.538 min Scan# 4020
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 91 Resp: 450454
Ion Ratio Lower Upper
91 100
120 21.4 0.0 43.6

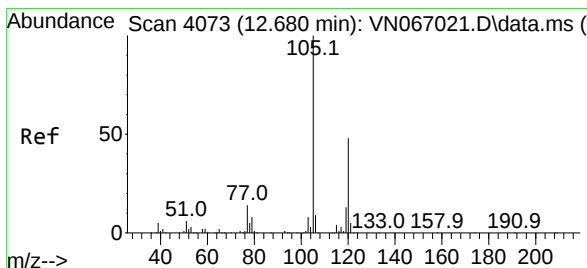
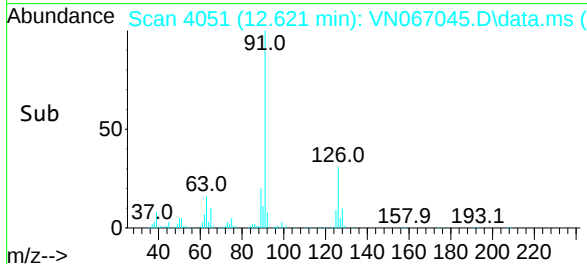
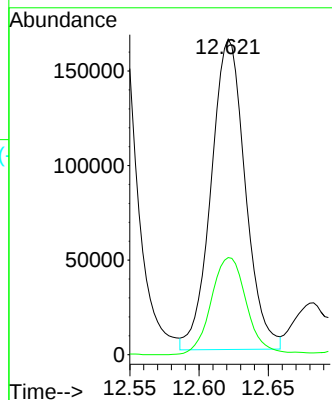
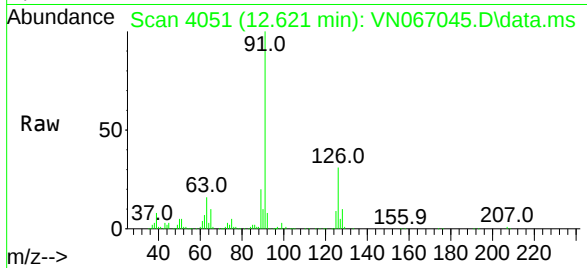




#75
2-Chlorotoluene
Concen: 17.92 ug/l
RT: 12.621 min Scan# 4051
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

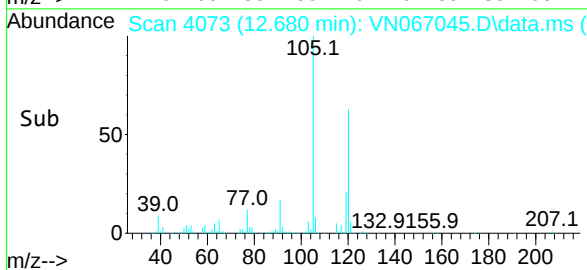
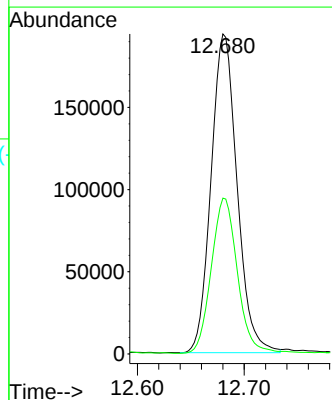
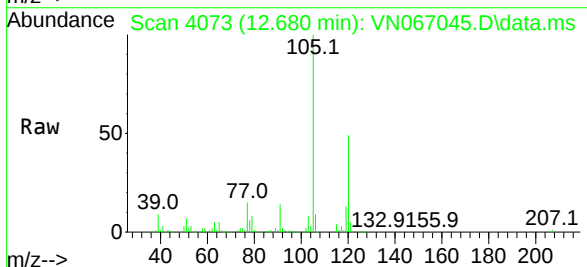
Instrument :
MSVOA_N
ClientSampleId :
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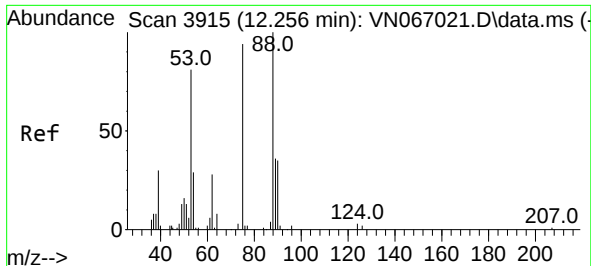
Tgt Ion: 91 Resp: 281450
Ion Ratio Lower Upper
91 100
126 32.4 0.0 63.8



#76
1,3,5-Trimethylbenzene
Concen: 17.41 ug/l
RT: 12.680 min Scan# 4073
Delta R.T. -0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 105 Resp: 328123
Ion Ratio Lower Upper
105 100
120 48.6 0.0 93.4

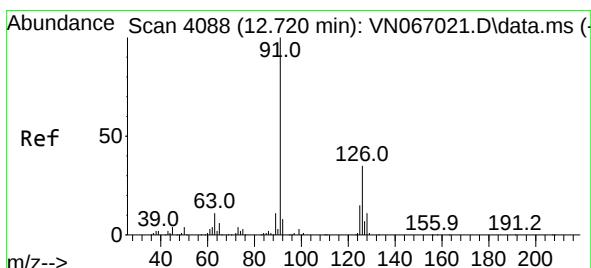
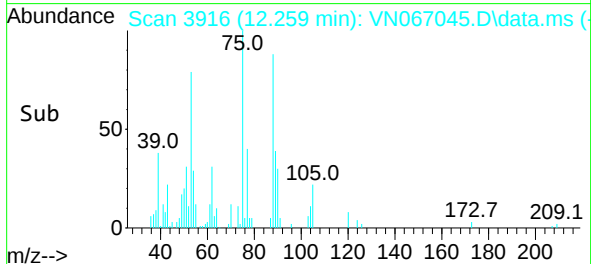
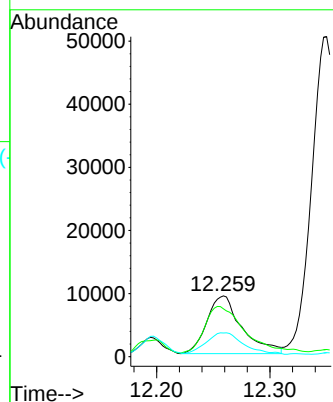
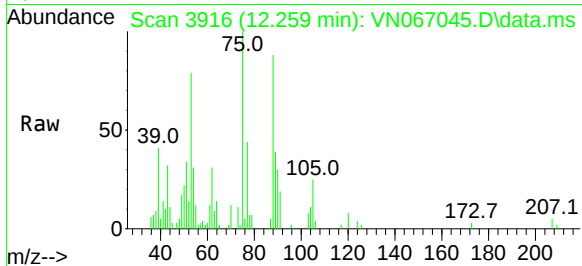




#77
t-1,4-Dichloro-2-butene
Concen: 14.44 ug/l
RT: 12.259 min Scan# 3916
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

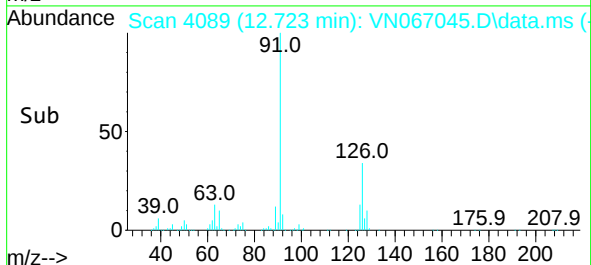
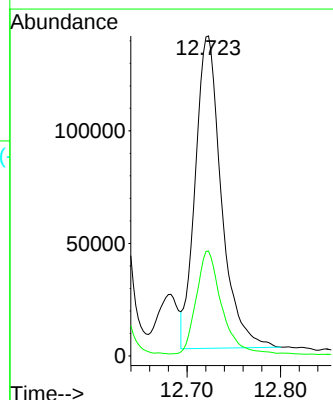
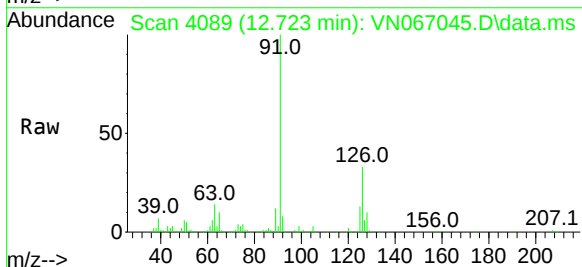
Instrument :
MSVOA_N
ClientSampleId :
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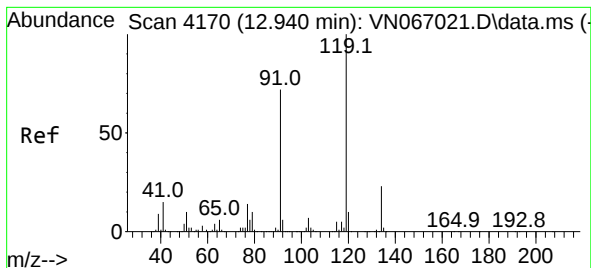
Tgt Ion: 75 Resp: 19755
Ion Ratio Lower Upper
75 100
53 76.4 43.1 129.4
89 35.5 18.8 56.4



#78
4-Chlorotoluene
Concen: 19.09 ug/l
RT: 12.723 min Scan# 4089
Delta R.T. 0.003 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 91 Resp: 269124
Ion Ratio Lower Upper
91 100
126 31.3 0.0 61.2

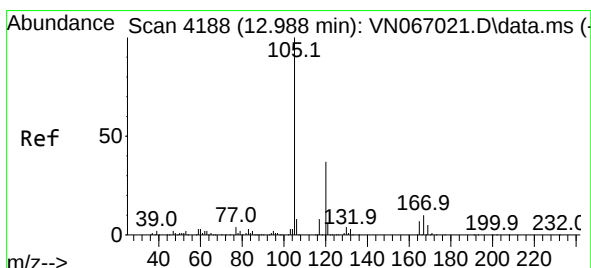
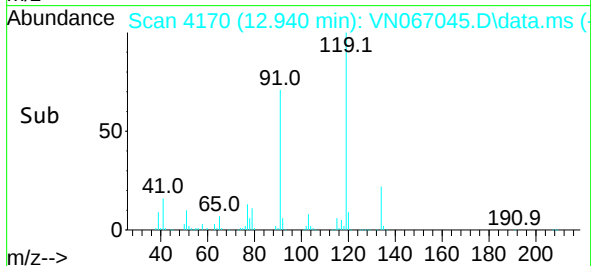
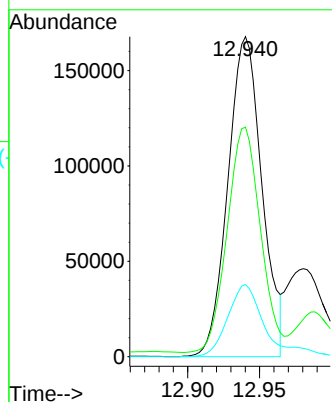
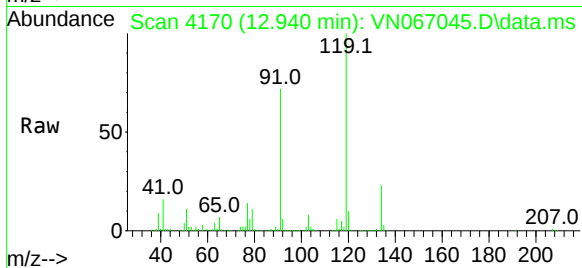




#79
tert-butylbenzene
Concen: 17.31 ug/l
RT: 12.940 min Scan# 4170
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

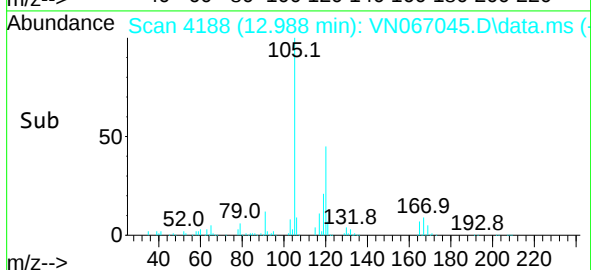
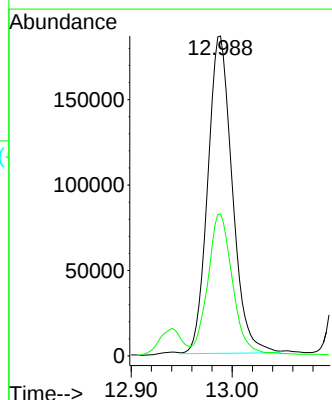
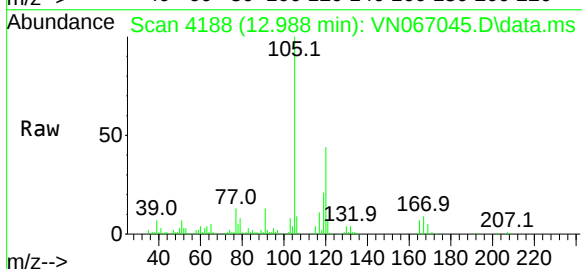
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

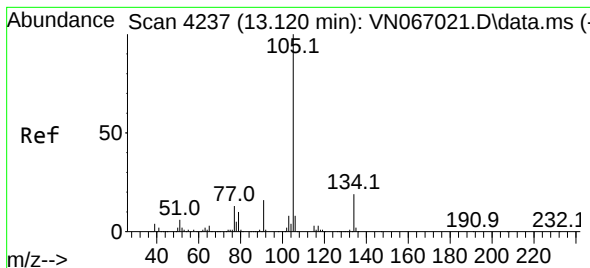
Tgt Ion:119 Resp: 276512
Ion Ratio Lower Upper
119 100
91 68.9 0.0 140.2
134 22.9 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 17.77 ug/l
RT: 12.988 min Scan# 4188
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:105 Resp: 313889
Ion Ratio Lower Upper
105 100
120 43.2 0.0 88.8

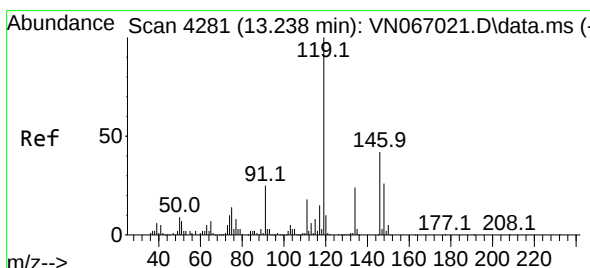
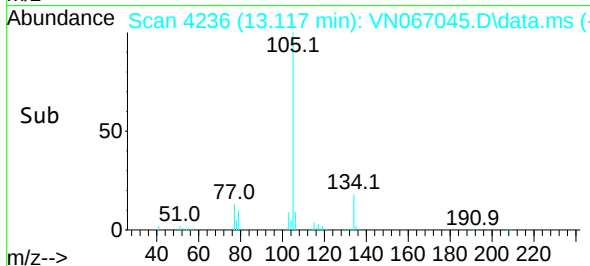
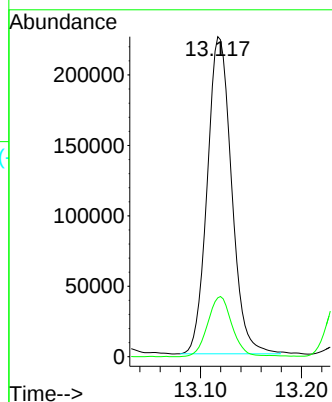
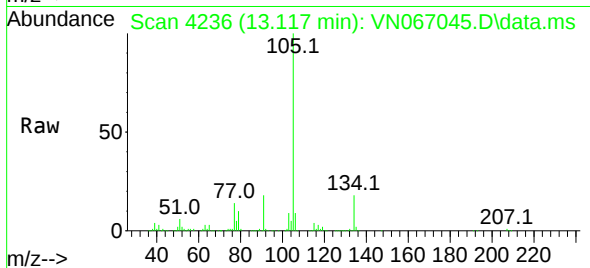




#81
 sec-Butylbenzene
 Concen: 17.84 ug/l
 RT: 13.117 min Scan# 4236
 Delta R.T. -0.002 min
 Lab File: VN067045.D
 Acq: 7 May 2021 6:22

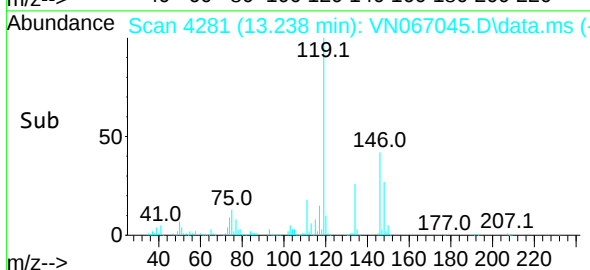
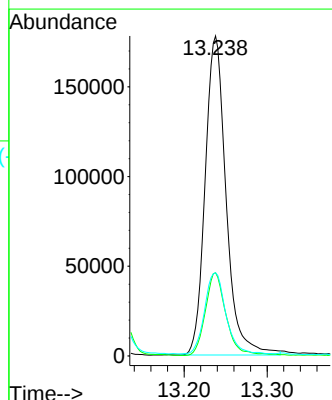
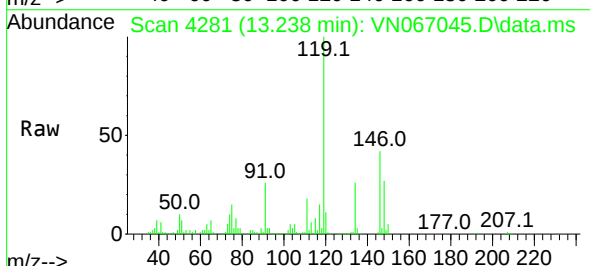
Instrument :
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 ClientSampleId :
 VSTDCCC020EC

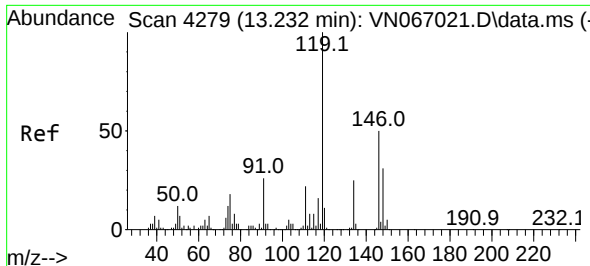
Tgt Ion:105 Resp: 376716
 Ion Ratio Lower Upper
 105 100
 134 19.0 0.0 38.8



#82
 p-Isopropyltoluene
 Concen: 18.54 ug/l
 RT: 13.238 min Scan# 4281
 Delta R.T. 0.000 min
 Lab File: VN067045.D
 Acq: 7 May 2021 6:22

Tgt Ion:119 Resp: 311283
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 49.8
 91 25.1 0.0 49.6

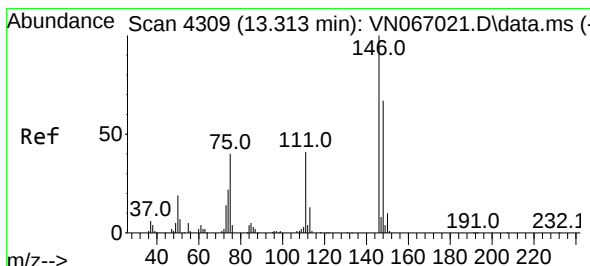
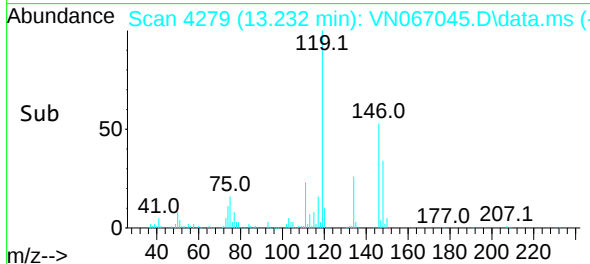
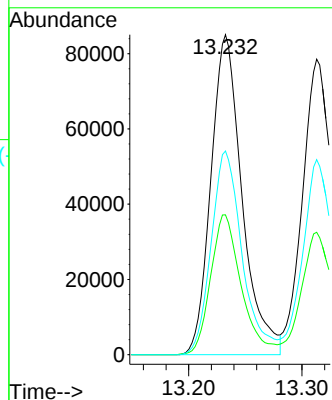
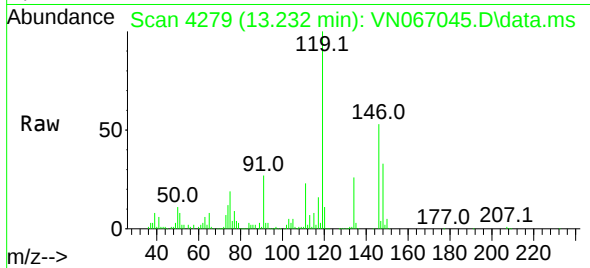




#83
1,3-Dichlorobenzene
Concen: 19.01 ug/l
RT: 13.232 min Scan# 4279
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

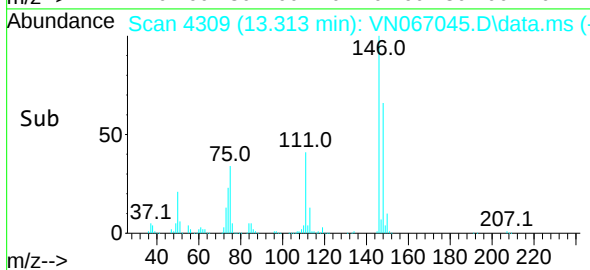
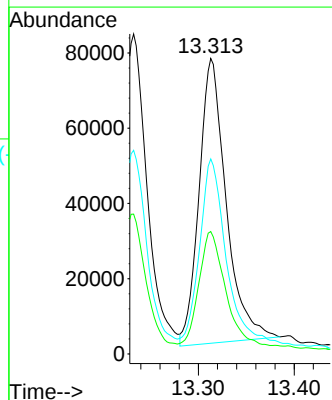
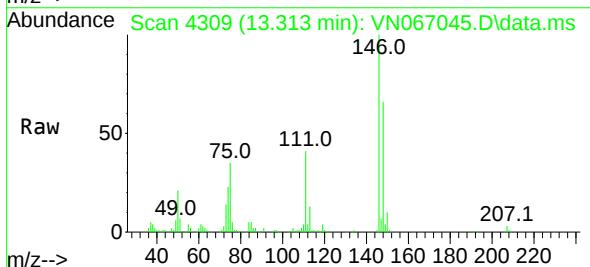
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

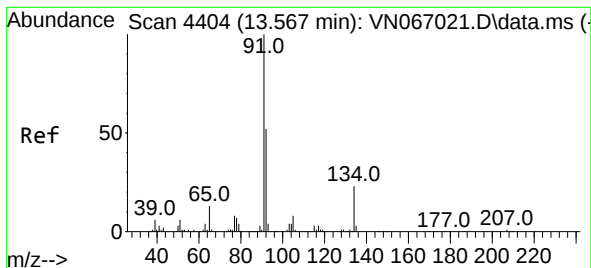
Tgt Ion:146 Resp: 162448
Ion Ratio Lower Upper
146 100
111 43.0 21.8 65.3
148 63.3 32.1 96.3



#84
1,4-Dichlorobenzene
Concen: 16.82 ug/l
RT: 13.313 min Scan# 4309
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:146 Resp: 148781
Ion Ratio Lower Upper
146 100
111 40.7 18.5 55.5
148 59.9 29.3 88.0

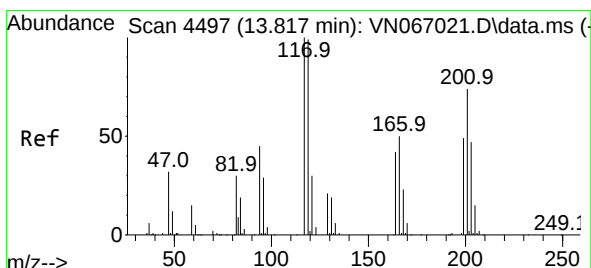
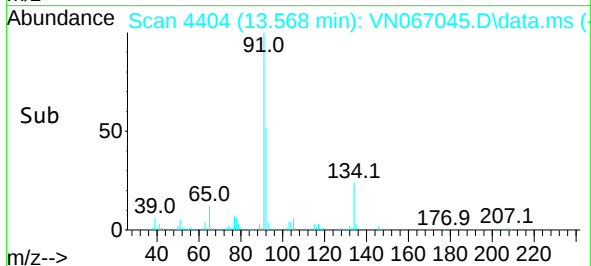
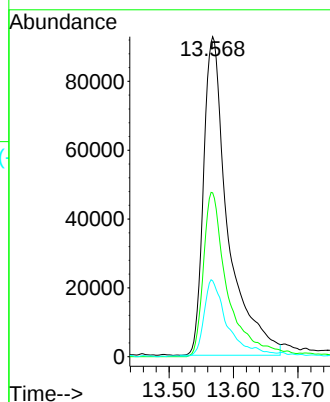
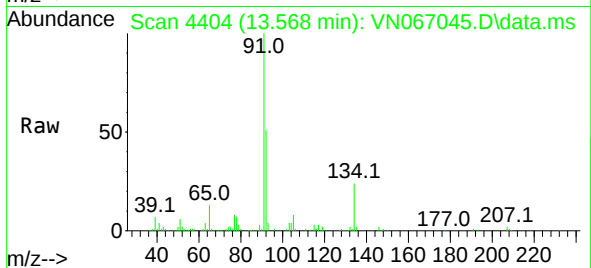




#85
n-Butylbenzene
Concen: 17.93 ug/l
RT: 13.568 min Scan# 4404
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

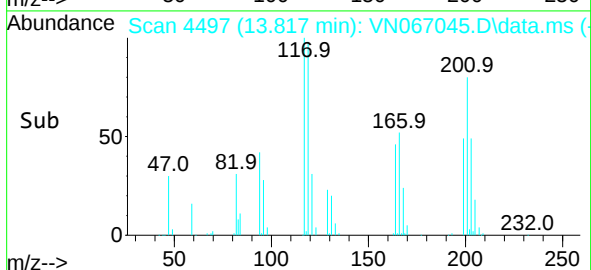
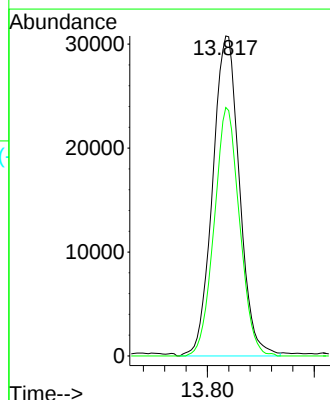
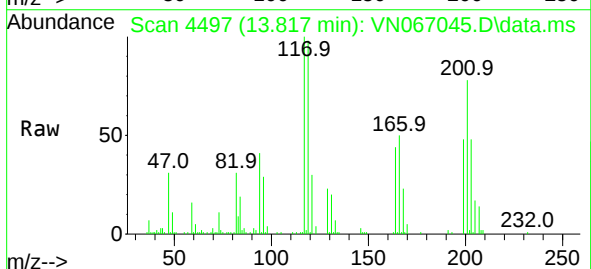
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

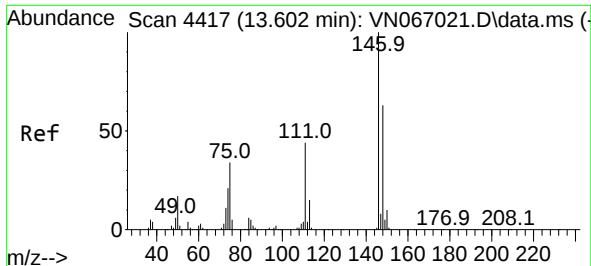
Tgt Ion: 91 Resp: 242466
Ion Ratio Lower Upper
91 100
92 49.3 0.0 95.4
134 21.6 0.0 44.0



#86
Hexachloroethane
Concen: 14.43 ug/l
RT: 13.817 min Scan# 4497
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 117 Resp: 53668
Ion Ratio Lower Upper
117 100
201 73.4 37.8 113.4

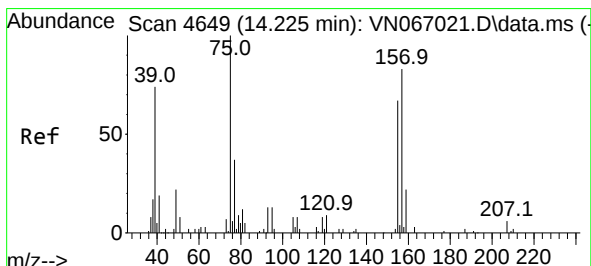
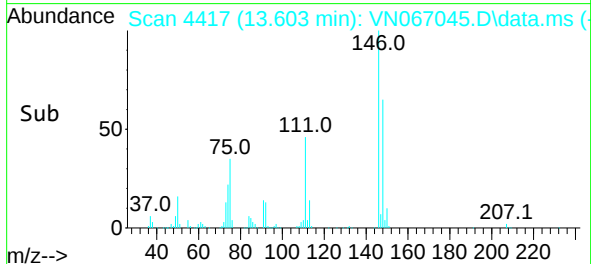
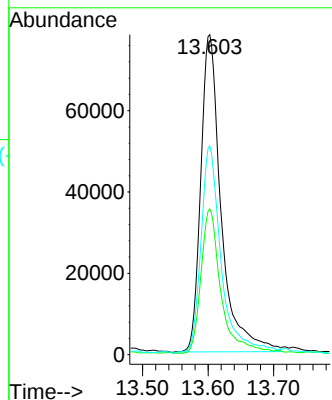
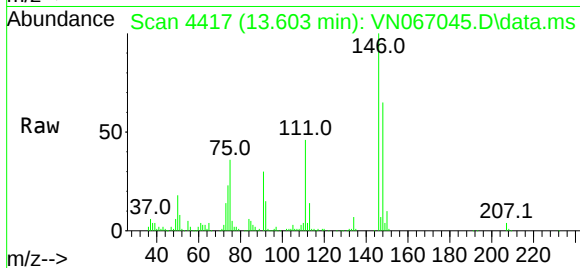




#87
1,2-Dichlorobenzene
Concen: 19.01 ug/l
RT: 13.603 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

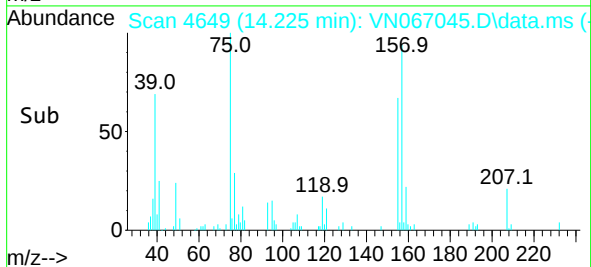
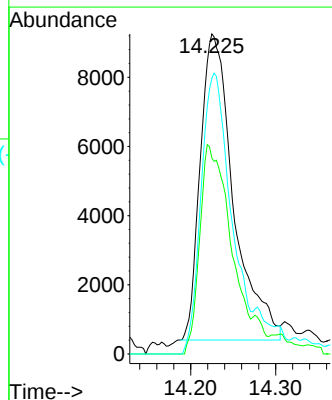
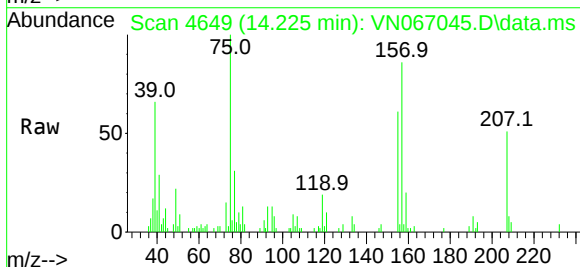
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

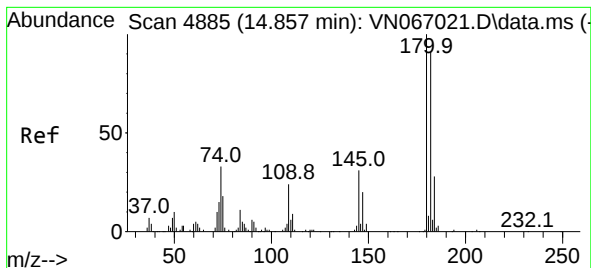
Tgt Ion:146 Resp: 168464
Ion Ratio Lower Upper
146 100
111 44.0 20.5 61.5
148 63.6 30.1 90.5



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.00 ug/l
RT: 14.225 min Scan# 4649
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion: 75 Resp: 24067
Ion Ratio Lower Upper
75 100
155 29.6 53.4 80.2#
157 82.3 69.8 104.8





#89

1,2,4-Trichlorobenzene

Concen: 18.90 ug/l

RT: 14.858 min Scan# 4885

Delta R.T. 0.000 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

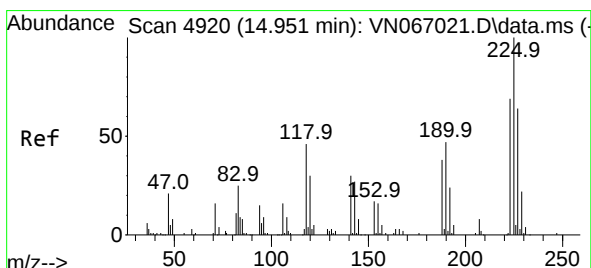
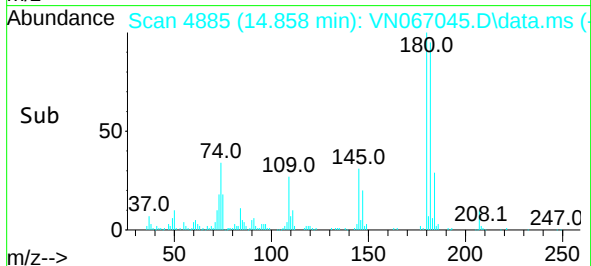
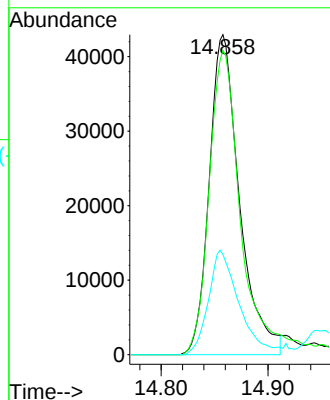
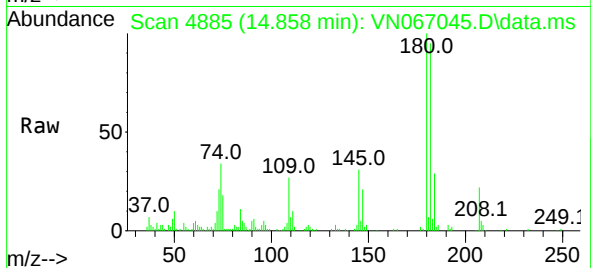
Tgt Ion:180 Resp: 84518

Ion Ratio Lower Upper

180 100

182 99.5 78.6 117.8

145 32.6 25.0 37.4



#90

Hexachlorobutadiene

Concen: 18.56 ug/l

RT: 14.952 min Scan# 4920

Delta R.T. 0.000 min

Lab File: VN067045.D

Acq: 7 May 2021 6:22

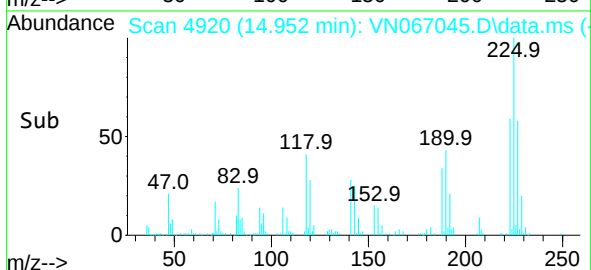
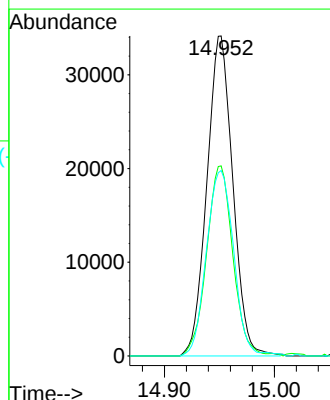
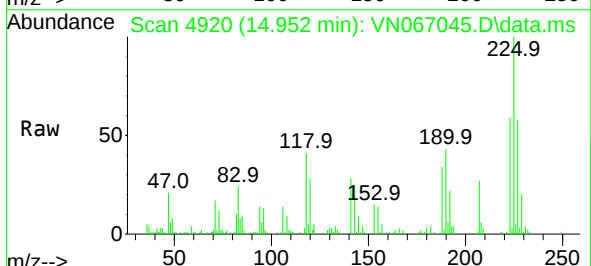
Tgt Ion:225 Resp: 55993

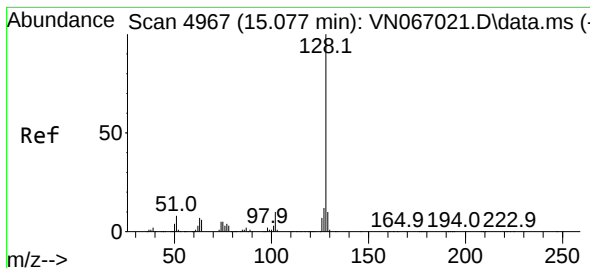
Ion Ratio Lower Upper

225 100

223 60.0 0.0 137.2

227 60.3 0.0 127.8

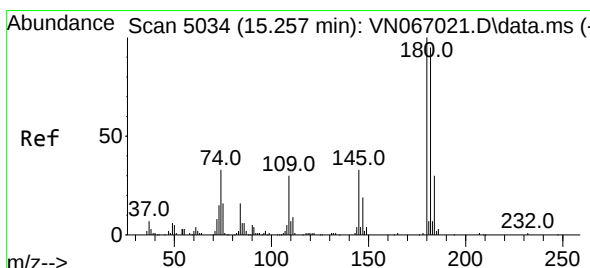
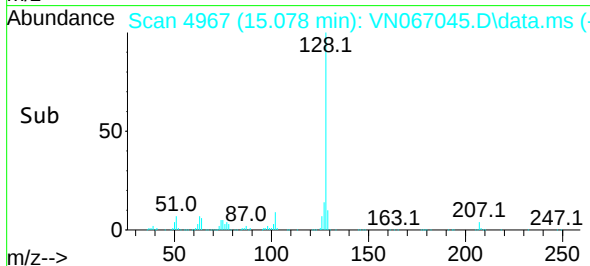
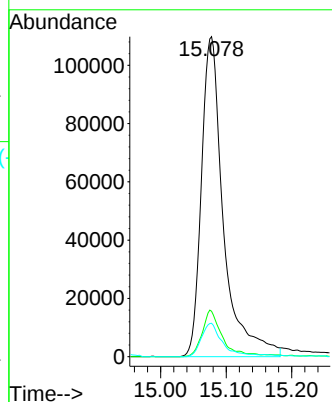
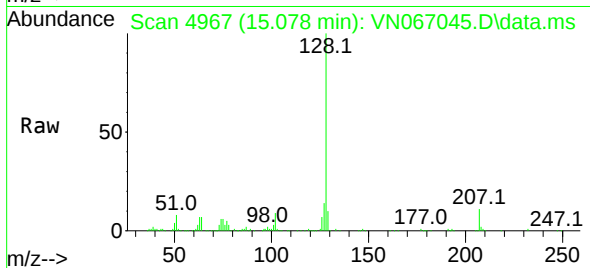




#91
Naphthalene
Concen: 20.94 ug/l
RT: 15.078 min Scan# 4967
Delta R.T. 0.000 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:128 Resp: 256636
Ion Ratio Lower Upper
128 100
127 12.0 9.8 14.6
129 9.7 7.8 11.8



#92
1,2,3-Trichlorobenzene
Concen: 18.94 ug/l
RT: 15.249 min Scan# 5031
Delta R.T. -0.008 min
Lab File: VN067045.D
Acq: 7 May 2021 6:22

Tgt Ion:180 Resp: 88717
Ion Ratio Lower Upper
180 100
182 95.2 0.0 184.4
145 32.5 0.0 67.6

