

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032422\
 Data File : VN071513.D
 Acq On : 24 Mar 2022 10:54
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Mar 24 11:44:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 11:41:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	107697	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	611020	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	556718	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	232428	27.765	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.567%
60) 4-Bromofluorobenzene	12.727	95	250198	29.296	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.667%
63) Toluene-d8	10.439	98	771631	30.122	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	349862	50.431	ug/l	99
3) Chloromethane	2.299	50	400732	44.572	ug/l	96
4) Vinyl Chloride	2.440	62	463987	54.015	ug/l	100
5) Bromomethane	2.840	94	284297	62.741	ug/l	99
6) Chloroethane	3.004	64	305463	57.961	ug/l	99
7) Trichlorofluoromethane	3.369	101	531553	49.677	ug/l	98
8) Diethyl Ether	3.822	74	224688	48.376	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.210	101	319358	52.137	ug/l #	65
10) 1,1-Dichloroethene	4.181	96	312490	50.628	ug/l	98
11) Methyl Iodide	4.422	142	475098	55.044	ug/l	89
12) Methyl Acetate	4.851	43	433648	38.709	ug/l	100
13) Acrolein	4.040	56	239722	169.544	ug/l	98
14) Acrylonitrile	5.551	53	1011746	214.163	ug/l	99
15) Acetone	4.281	58	285046	223.532	ug/l	94
16) Carbon Disulfide	4.534	76	817288	49.247	ug/l	99
17) Allyl chloride	4.840	41	513854	42.272	ug/l	85
18) Methylene Chloride	5.092	84	371061	49.502	ug/l	97
19) trans-1,2-Dichloroethene	5.598	96	336764	51.743	ug/l	96
20) Diisopropyl ether	6.492	45	1071066	43.079	ug/l	95
21) 1,1-Dichloroethane	6.386	63	635001	47.476	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	403845	51.105	ug/l	99
23) tert-Butyl Alcohol	5.363	59	351475	202.513	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	1132508	48.513	ug/l	92
25) Chloroform	7.816	83	644960	49.641	ug/l	99
26) Cyclohexane	8.092	56	565731	46.919	ug/l #	98
29) 1,1-Dichloropropene	8.216	75	490697	49.958	ug/l	98
30) 2-Butanone	7.328	43	1347051	201.887	ug/l	98
31) 2,2-Dichloropropane	7.322	77	552713	57.789	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	566548	49.583	ug/l	98
33) Carbon Tetrachloride	8.204	117	477971	49.150	ug/l	97
34) Benzene	8.457	78	1495674	49.143	ug/l	96
35) Methacrylonitrile	7.633	41	249325	38.517	ug/l	96
36) 1,2-Dichloroethane	8.528	62	516190	47.779	ug/l #	95
37) Trichloroethene	9.216	130	385498	52.263	ug/l	95
38) Methylcyclohexane	9.457	83	624324	52.288	ug/l	97
39) 1,2-Dichloropropane	9.486	63	373751	46.893	ug/l	99
40) Dibromomethane	9.575	93	254012	49.685	ug/l	88
41) Bromodichloromethane	9.757	83	509930	49.614	ug/l	95
42) Vinyl Acetate	6.428	43	4667682	213.202	ug/l	95

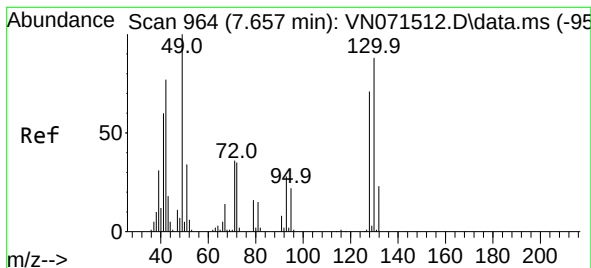
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	523711	40.329	ug/l	99
44) Isopropyl Acetate	8.557	43	816275	39.267	ug/l	93
45) 1,4-Dioxane	9.563	88	168925	890.380	ug/l	95
46) Methyl methacrylate	9.551	41	369253	40.031	ug/l	85
47) n-amyl Acetate	12.380	43	583126	42.353	ug/l	94
48) t-1,3-Dichloropropene	10.716	75	558943	50.014	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	609504	50.228	ug/l #	87
50) 1,1,2-Trichloroethane	10.892	97	380737	50.716	ug/l	99
51) Ethyl methacrylate	10.757	69	594691	47.267	ug/l	86
52) 1,3-Dichloropropane	11.039	76	643983	48.163	ug/l	100
53) Dibromochloromethane	11.233	129	398598	51.247	ug/l	99
54) 1,2-Dibromoethane	11.339	107	393196	50.731	ug/l	96
55) 2-Chloroethyl vinyl ether	10.039	63	839447	220.111	ug/l	98
56) Bromoform	12.451	173	306220	50.864	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	2669449	209.471	ug/l	93
59) 2-Hexanone	11.080	43	1936031	204.553	ug/l	91
61) Tetrachloroethene	10.974	164	329757	52.862	ug/l	91
62) Toluene	10.504	91	1669654	51.950	ug/l	97
64) Chlorobenzene	11.763	112	1023471	52.395	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	372781	51.449	ug/l	98
66) Ethyl Benzene	11.839	91	1836605	52.129	ug/l	97
67) m/p-Xylenes	11.951	106	1423492	106.250	ug/l	97
68) o-Xylene	12.274	106	699183	52.244	ug/l	98
69) Styrene	12.292	104	1117483	52.970	ug/l	97
70) Isopropylbenzene	12.574	105	1785296	52.632	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	578153	49.746	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	701217	65.667	ug/l	55
73) Bromobenzene	12.857	156	429677	53.817	ug/l	96
74) n-propylbenzene	12.915	91	1978114	53.159	ug/l	98
75) 2-Chlorotoluene	13.004	91	1202498	51.460	ug/l	100
76) 1,3,5-Trimethylbenzene	13.057	105	1437478	53.231	ug/l	96
77) t-1,4-Dichloro-2-butene	12.621	75	182085	52.485	ug/l	90
78) 4-Chlorotoluene	13.098	91	1137183	52.428	ug/l	99
79) tert-butylbenzene	13.315	119	1300655	52.948	ug/l	94
80) 1,2,4-Trimethylbenzene	13.498	105	1754673	67.434	ug/l	100
81) sec-Butylbenzene	13.498	105	1754673	53.489	ug/l	97
82) p-Isopropyltoluene	13.610	119	1443523	54.821	ug/l	97
83) 1,3-Dichlorobenzene	13.610	146	715642	55.054	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	682129	54.953	ug/l	98
85) n-Butylbenzene	13.939	91	1084705	55.418	ug/l	96
86) Hexachloroethane	14.204	117	266298	52.940	ug/l	81
87) 1,2-Dichlorobenzene	13.986	146	694933	54.918	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.598	75	105552	48.309	ug/l	86
89) 1,2,4-Trichlorobenzene	15.257	180	328953	56.549	ug/l	97
90) Hexachlorobutadiene	15.362	225	195468	58.517	ug/l	99
91) Naphthalene	15.498	128	959916	54.004	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	327315	55.311	ug/l	98

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.657 min Scan# 9

Delta R.T. 0.000 min

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ClientSampleId :

VSTDICC050

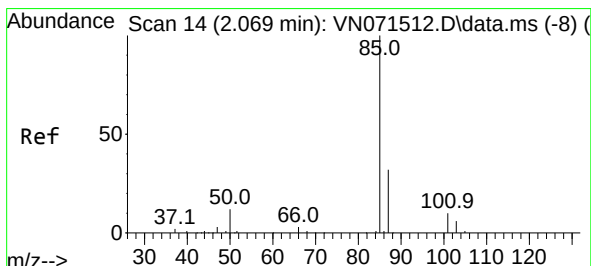
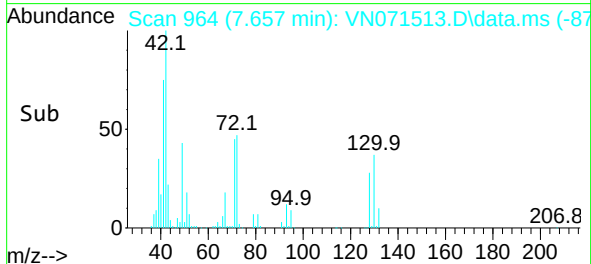
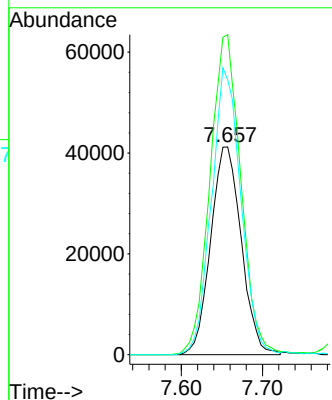
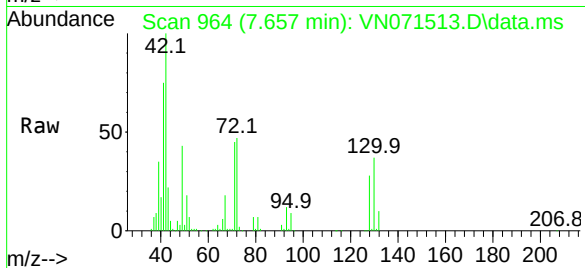
Tgt Ion:128 Resp: 107697

Ion Ratio Lower Upper

128 100

49 156.1 0.0 392.3

130 133.1 0.0 320.2



#2

Dichlorodifluoromethane

Concen: 50.431 ug/l

RT: 2.069 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN071513.D

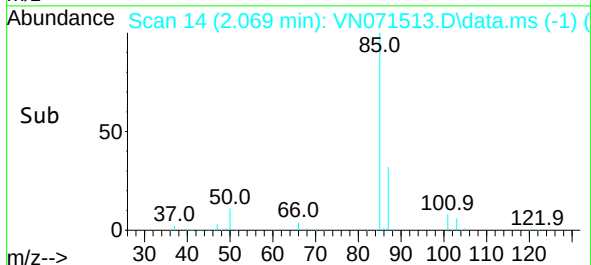
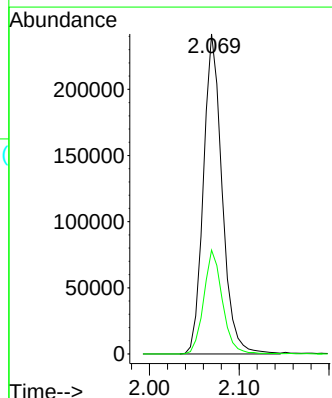
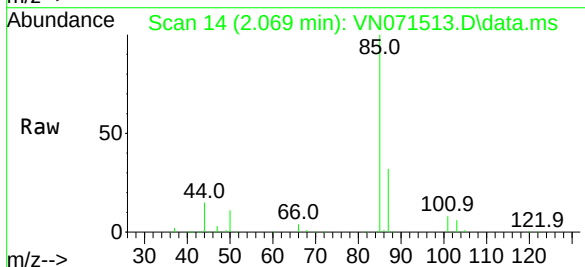
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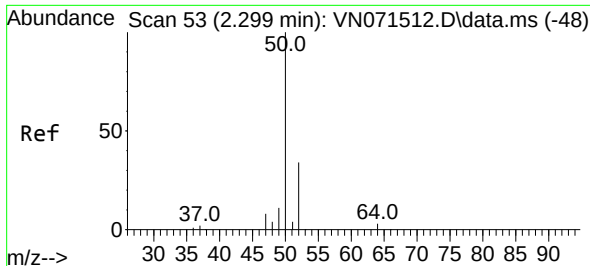
Tgt Ion: 85 Resp: 349862

Ion Ratio Lower Upper

85 100

87 32.5 16.6 49.7

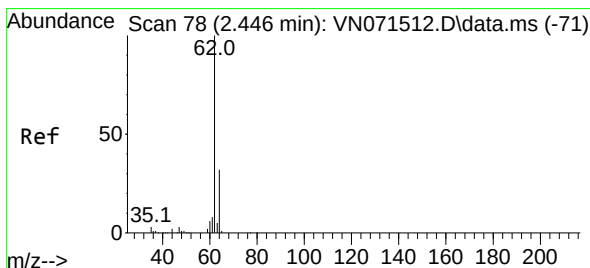
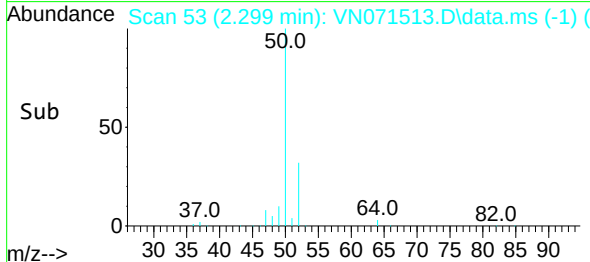
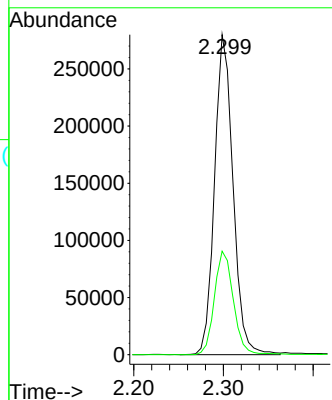
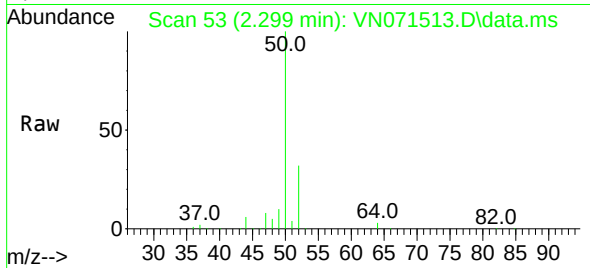




#3
Chloromethane
Concen: 44.572 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

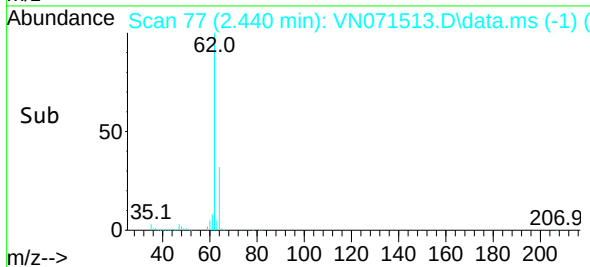
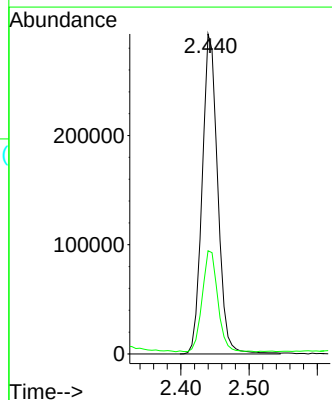
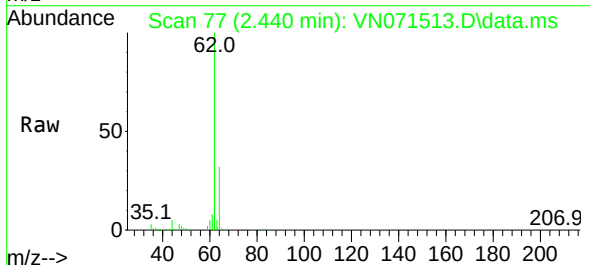
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

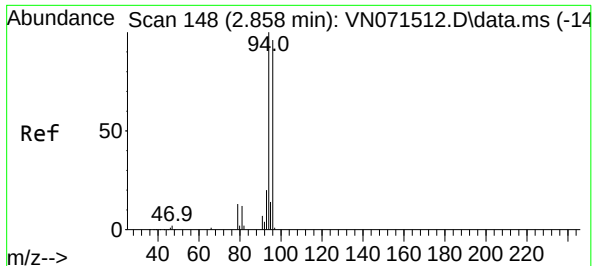
Tgt Ion: 50 Resp: 400732
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.6



#4
Vinyl Chloride
Concen: 54.015 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 62 Resp: 463987
Ion Ratio Lower Upper
62 100
64 31.4 25.1 37.7

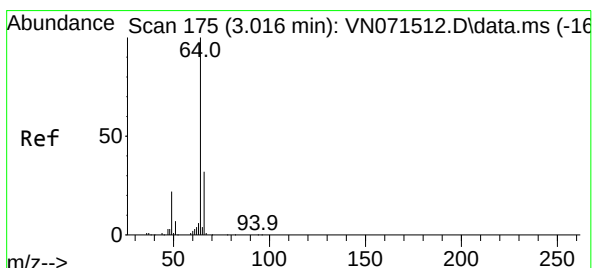
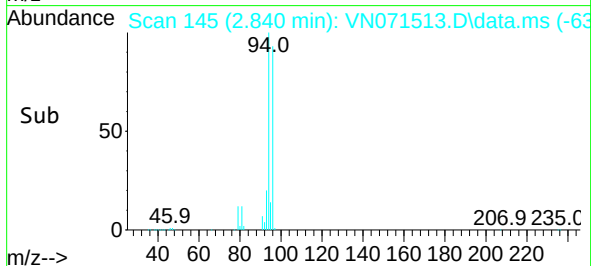
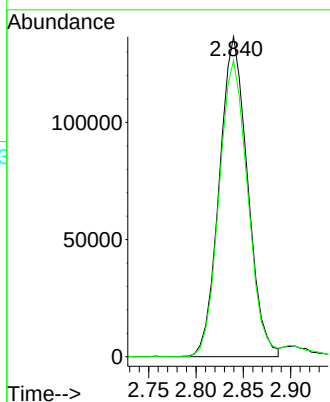
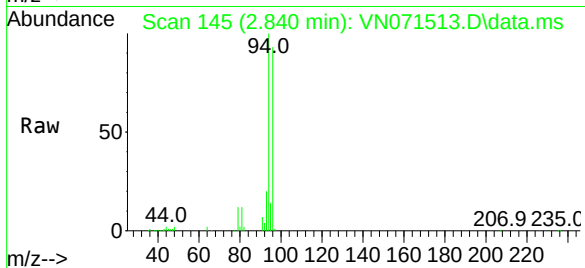




#5
Bromomethane
Concen: 62.741 ug/l
RT: 2.840 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

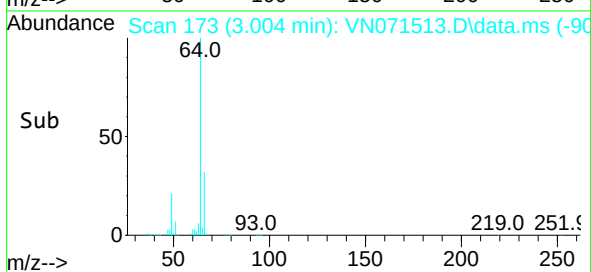
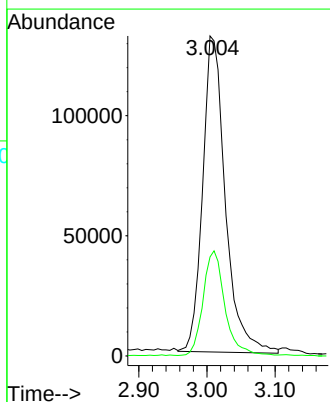
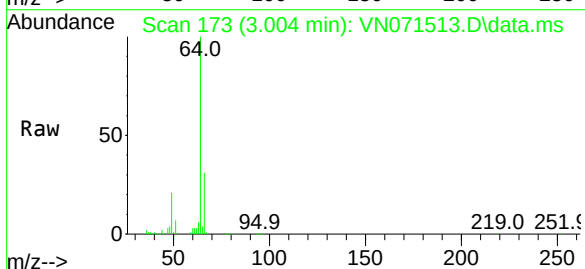
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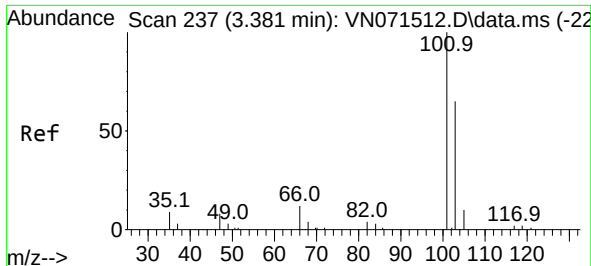
Tgt Ion: 94 Resp: 284297
Ion Ratio Lower Upper
94 100
96 92.7 75.2 112.8



#6
Chloroethane
Concen: 57.961 ug/l
RT: 3.004 min Scan# 173
Delta R.T. -0.012 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 64 Resp: 305463
Ion Ratio Lower Upper
64 100
66 31.3 24.6 36.8

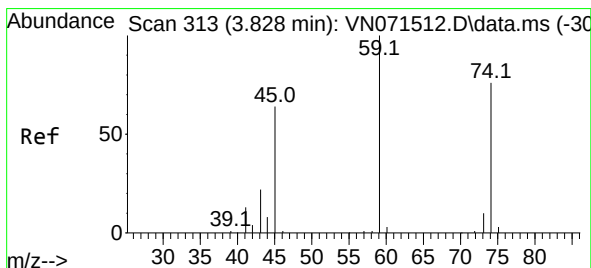
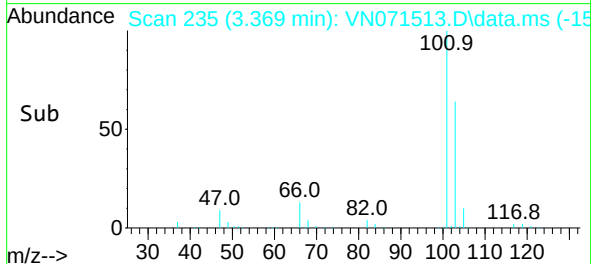
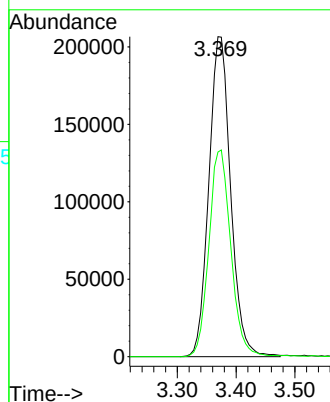
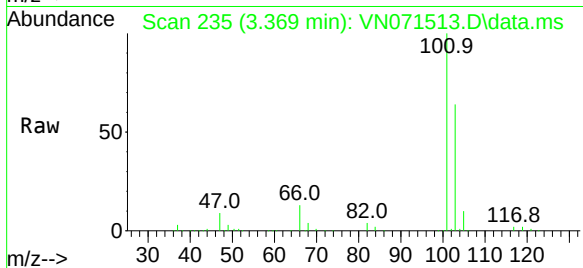




#7
 Trichlorofluoromethane
 Concen: 49.677 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

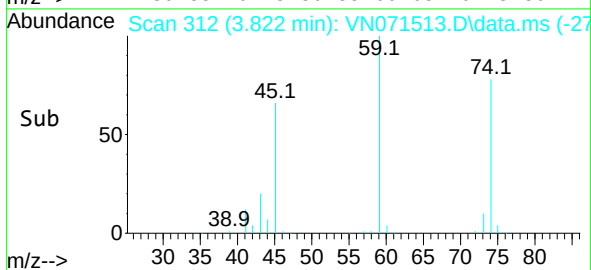
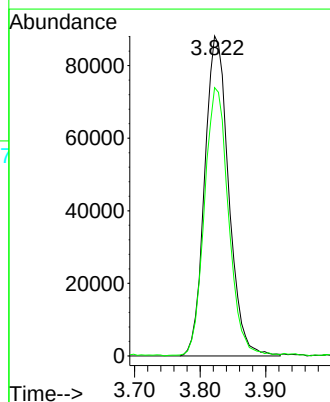
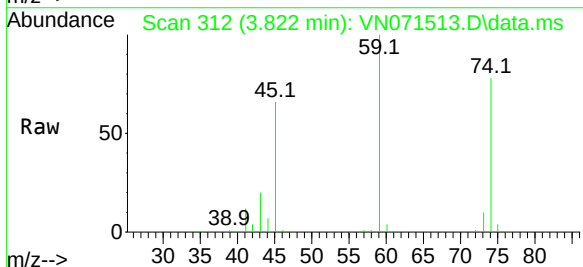
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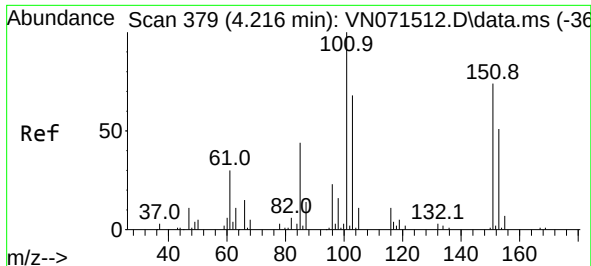
Tgt Ion:101 Resp: 531553
 Ion Ratio Lower Upper
 101 100
 103 64.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 48.376 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. -0.006 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

Tgt Ion: 74 Resp: 224688
 Ion Ratio Lower Upper
 74 100
 45 83.8 17.6 158.8

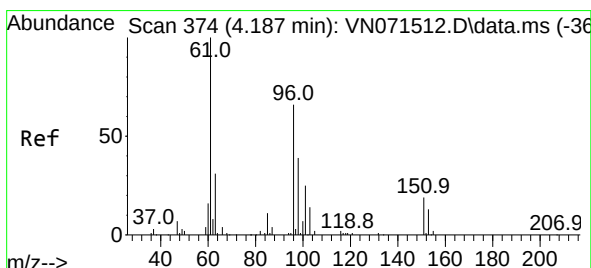
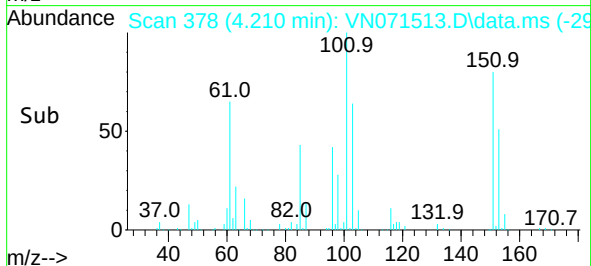
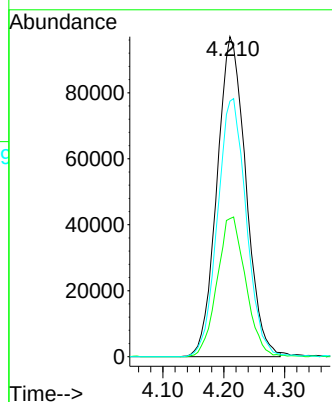
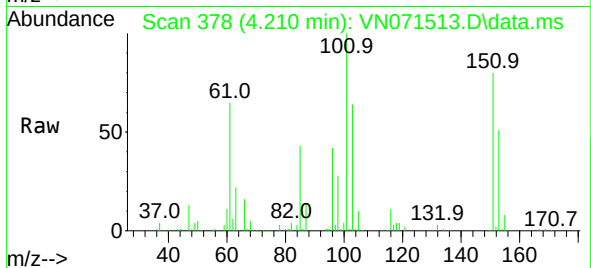




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 52.137 ug/l
 RT: 4.210 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

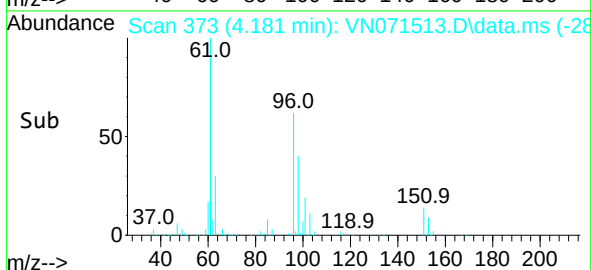
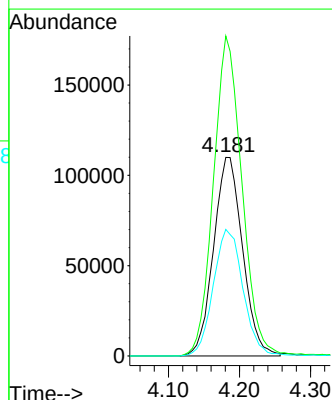
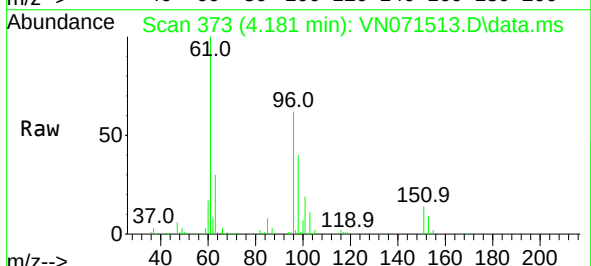
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 ClientSampleId :
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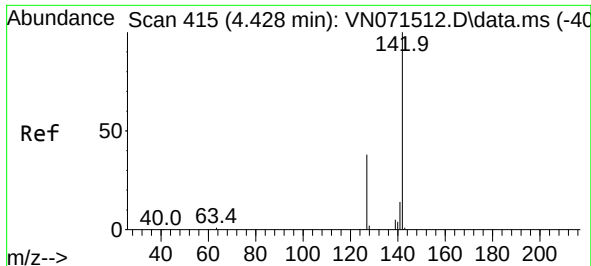
Tgt Ion:101 Resp: 319358
 Ion Ratio Lower Upper
 101 100
 85 43.0 0.0 94.0
 151 80.4 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 50.628 ug/l
 RT: 4.181 min Scan# 373
 Delta R.T. -0.006 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

Tgt Ion: 96 Resp: 312490
 Ion Ratio Lower Upper
 96 100
 61 161.2 126.2 189.4
 98 63.7 50.9 76.3

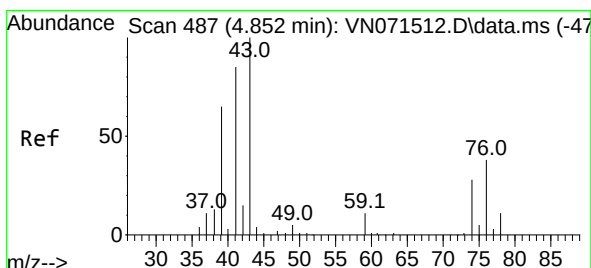
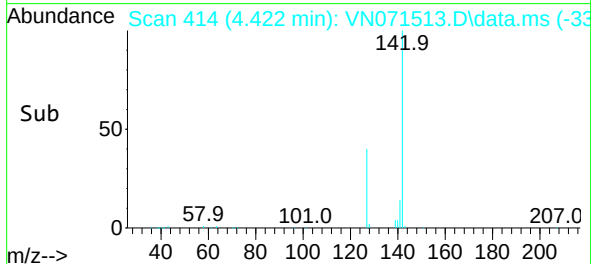
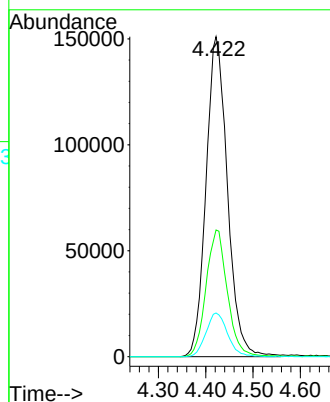
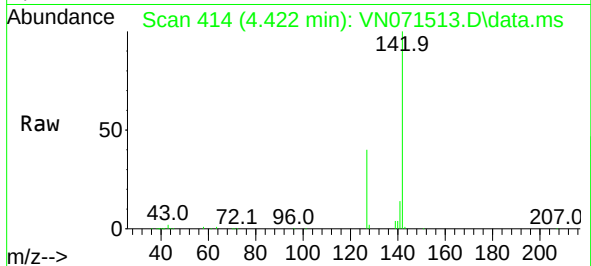




#11
Methyl Iodide
Concen: 55.044 ug/l
RT: 4.422 min Scan# 415
Delta R.T. -0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

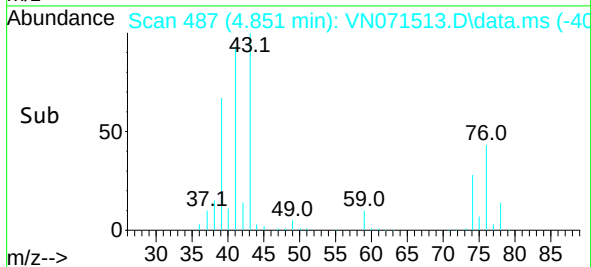
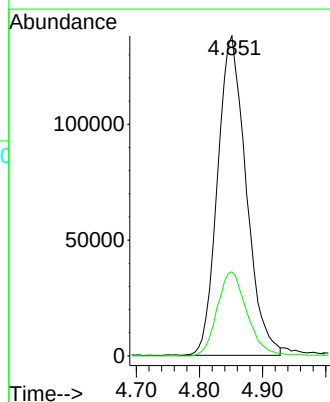
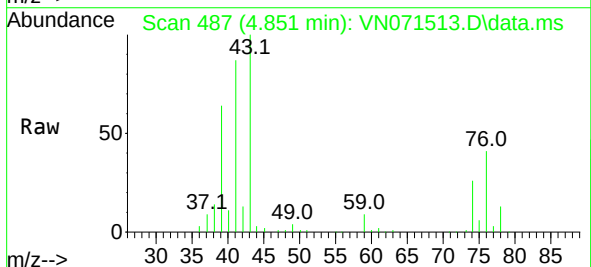
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

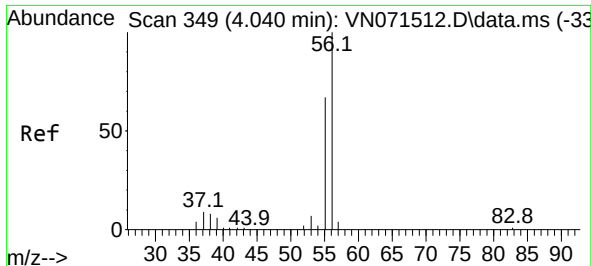
Tgt Ion:142 Resp: 475098
Ion Ratio Lower Upper
142 100
127 39.6 24.0 72.0
141 13.7 8.4 25.2



#12
Methyl Acetate
Concen: 38.709 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 43 Resp: 433648
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2

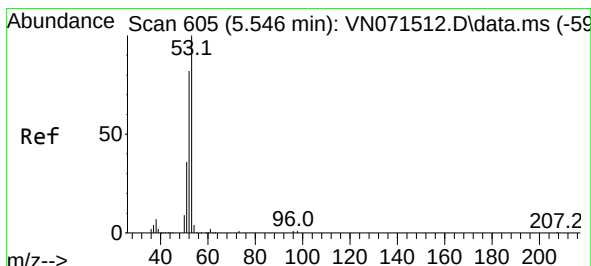
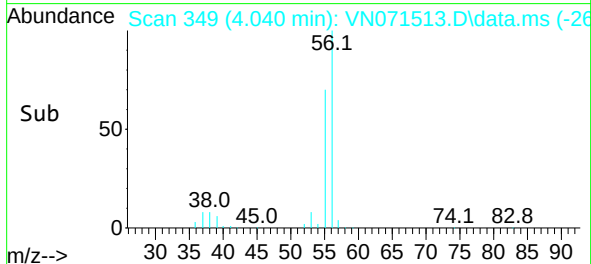
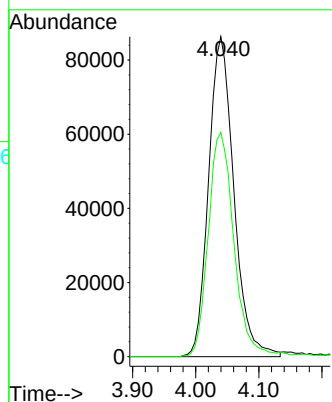
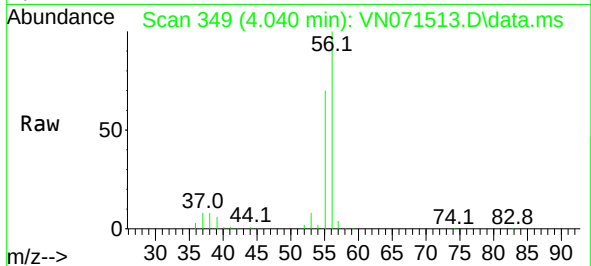




#13
Acrolein
Concen: 169.544 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

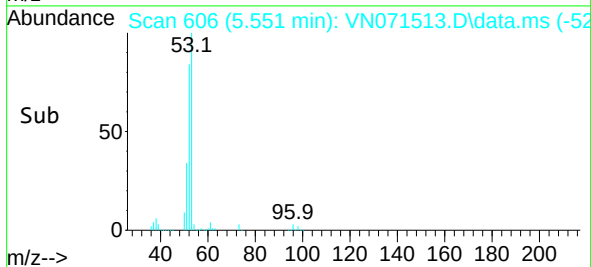
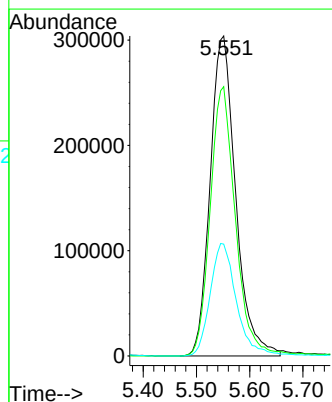
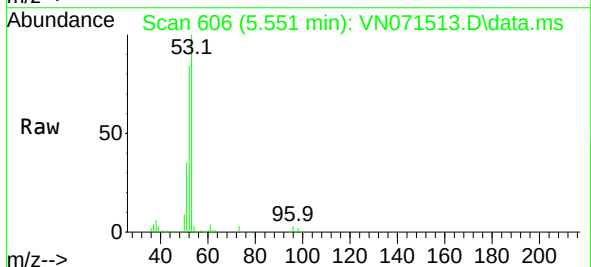
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

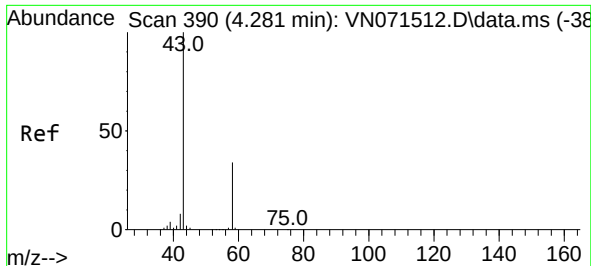
Tgt Ion: 56 Resp: 239722
Ion Ratio Lower Upper
56 100
55 70.7 57.6 86.4



#14
Acrylonitrile
Concen: 214.163 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 53 Resp: 1011746
Ion Ratio Lower Upper
53 100
52 83.1 41.8 125.4
51 36.0 19.0 57.0

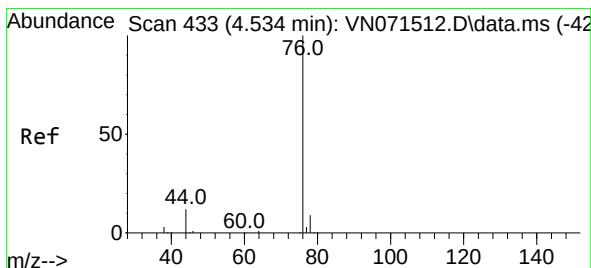
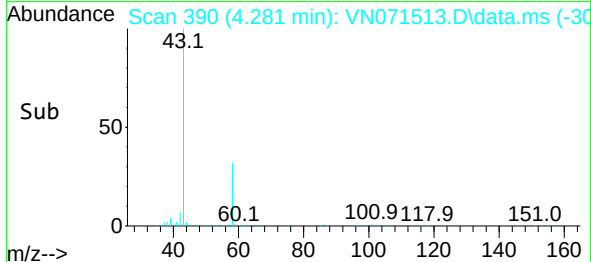
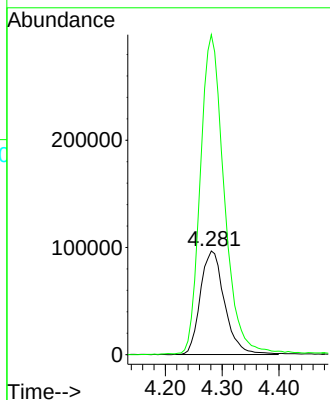
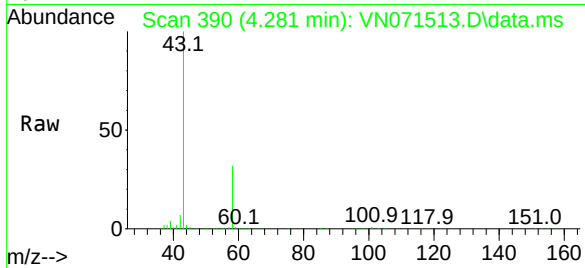




#15
Acetone
Concen: 223.532 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

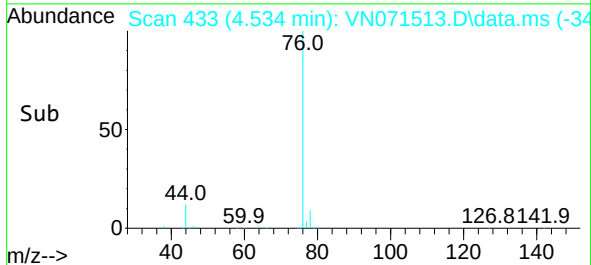
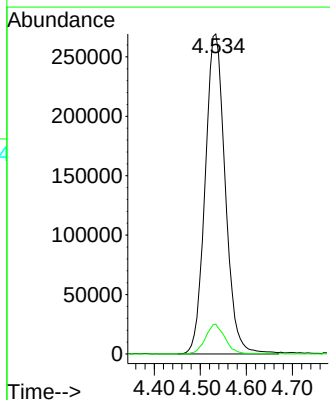
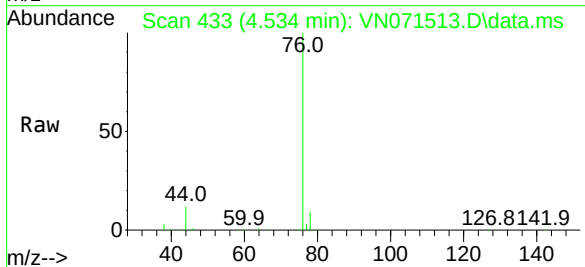
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

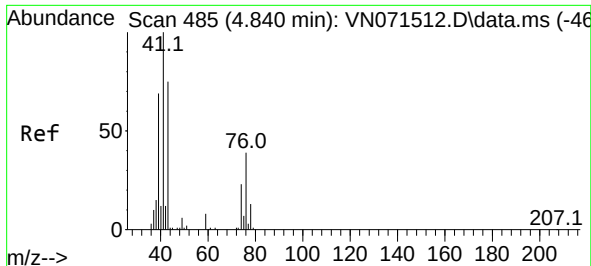
Tgt Ion: 58 Resp: 285046
Ion Ratio Lower Upper
58 100
43 307.9 256.6 384.8



#16
Carbon Disulfide
Concen: 49.247 ug/l
RT: 4.534 min Scan# 433
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 76 Resp: 817288
Ion Ratio Lower Upper
76 100
78 9.3 7.8 11.8





#17

Allyl chloride

Concen: 42.272 ug/l

RT: 4.840 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

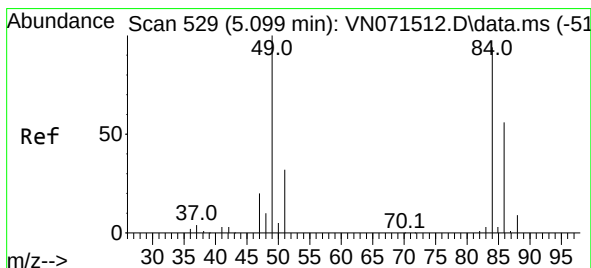
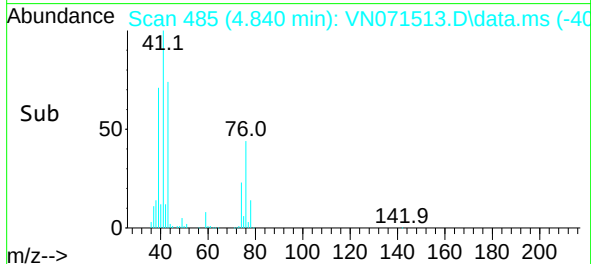
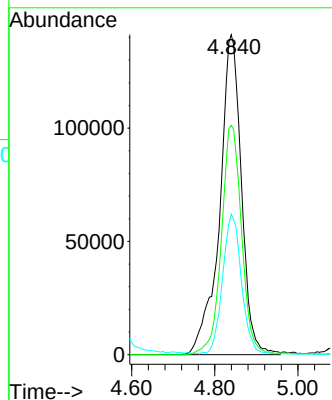
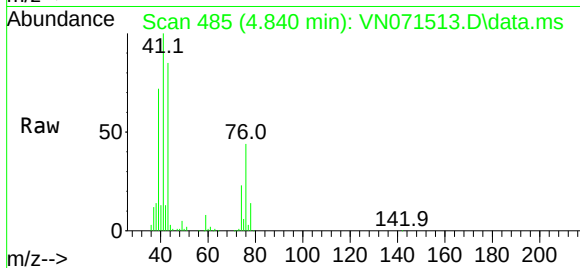
Tgt Ion: 41 Resp: 513854

Ion Ratio Lower Upper

41 100

39 71.7 44.6 134.0

76 43.7 19.6 58.7



#18

Methylene Chloride

Concen: 49.502 ug/l

RT: 5.092 min Scan# 528

Delta R.T. -0.006 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Tgt Ion: 84 Resp: 371061

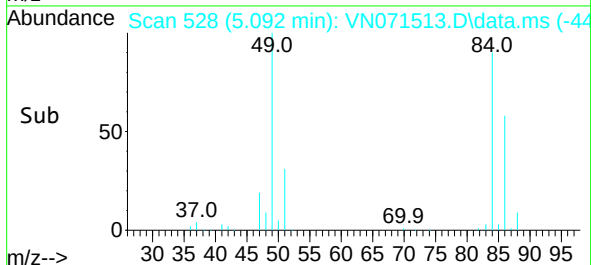
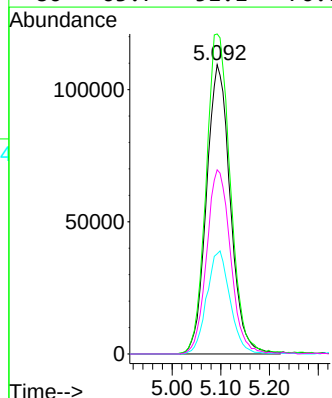
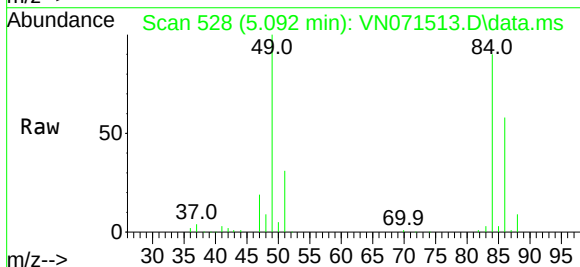
Ion Ratio Lower Upper

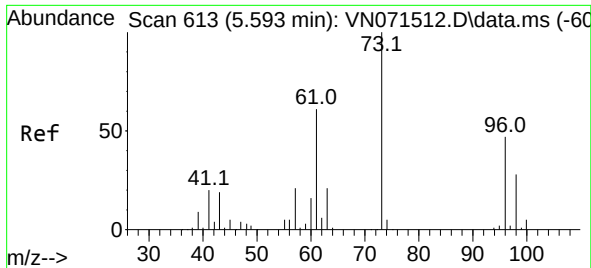
84 100

49 110.3 91.4 137.0

51 34.6 29.4 44.0

86 63.7 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 51.743 ug/l

RT: 5.598 min Scan# 613

Delta R.T. 0.006 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

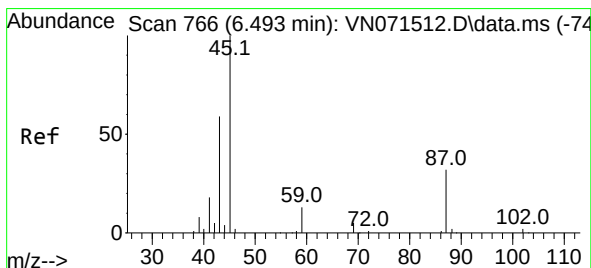
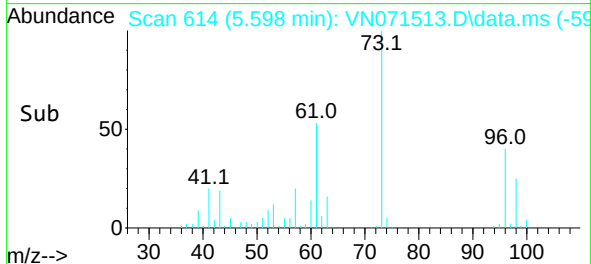
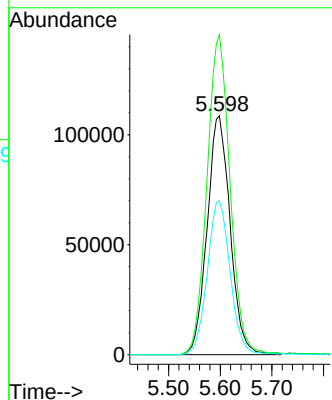
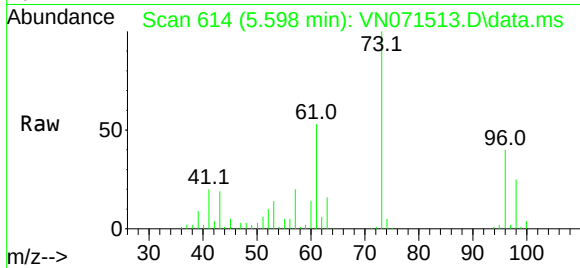
Tgt Ion: 96 Resp: 336764

Ion Ratio Lower Upper

96 100

61 134.0 102.8 154.2

98 64.4 49.3 73.9



#20

Diisopropyl ether

Concen: 43.079 ug/l

RT: 6.492 min Scan# 766

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Tgt Ion: 45 Resp: 1071066

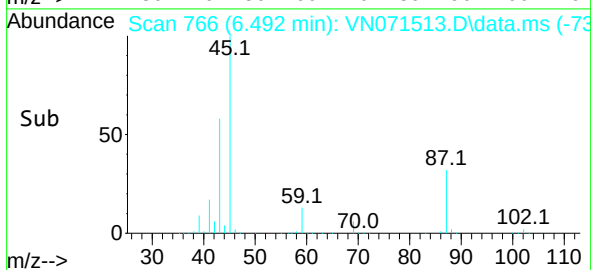
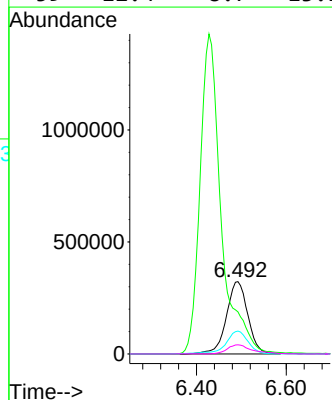
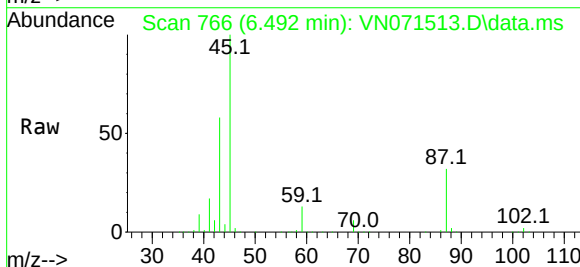
Ion Ratio Lower Upper

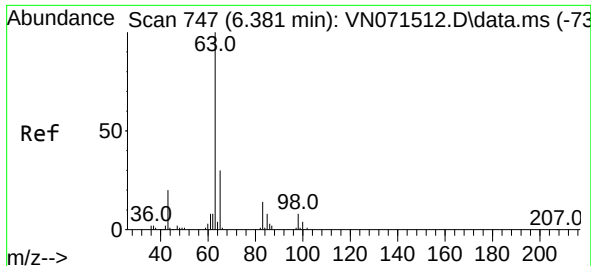
45 100

43 57.5 51.0 76.4

87 31.4 25.0 37.4

59 12.4 8.7 13.1





#21

1,1-Dichloroethane

Concen: 47.476 ug/l

RT: 6.386 min Scan# 74

Delta R.T. 0.006 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

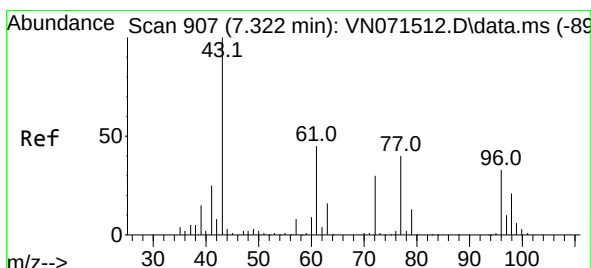
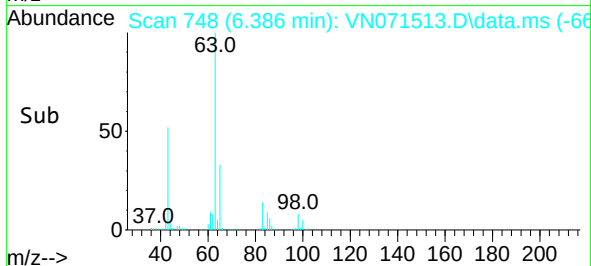
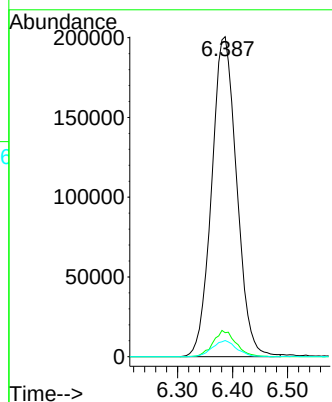
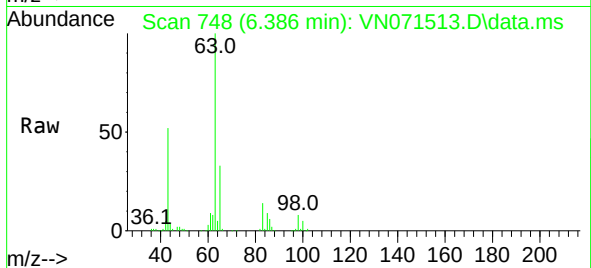
Tgt Ion: 63 Resp: 635001

Ion Ratio Lower Upper

63 100

98 7.5 3.2 9.6

100 5.0 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 51.105 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

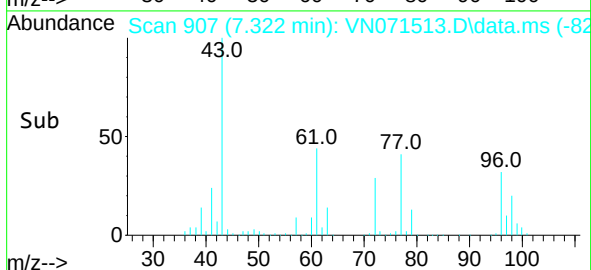
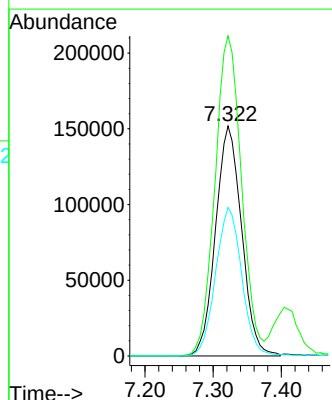
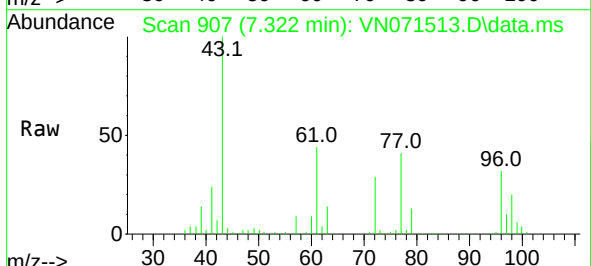
Tgt Ion: 96 Resp: 403845

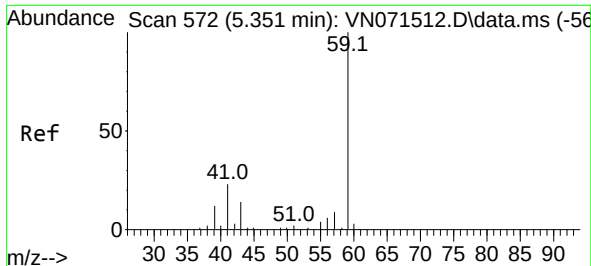
Ion Ratio Lower Upper

96 100

61 142.1 115.7 173.5

98 64.7 51.6 77.4

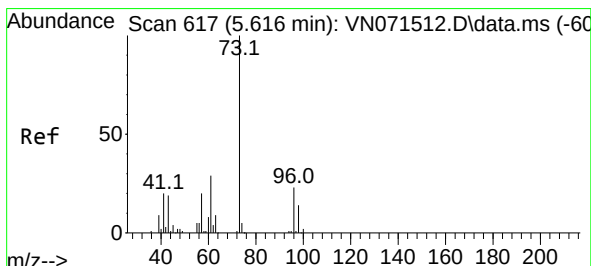
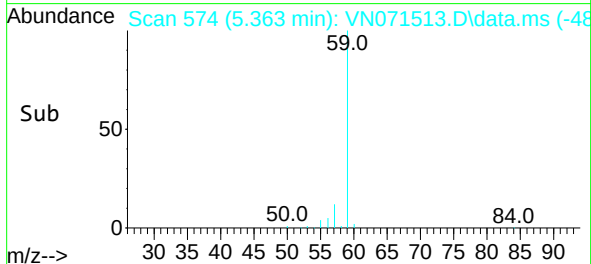
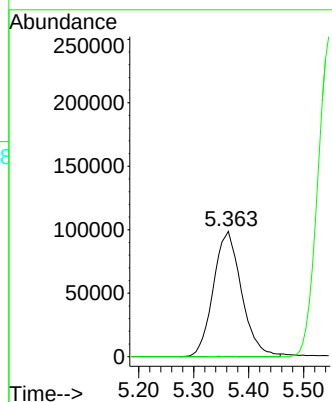
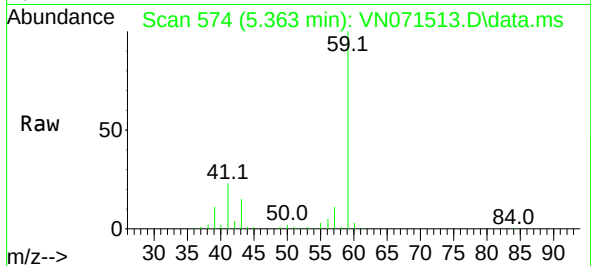




#23
tert-Butyl Alcohol
Concen: 202.513 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

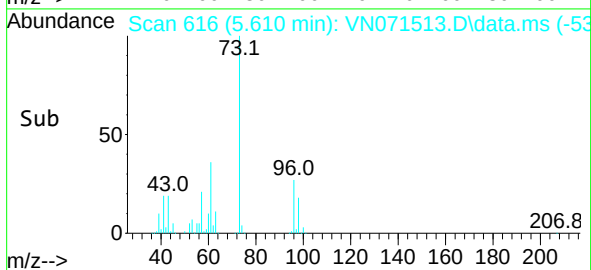
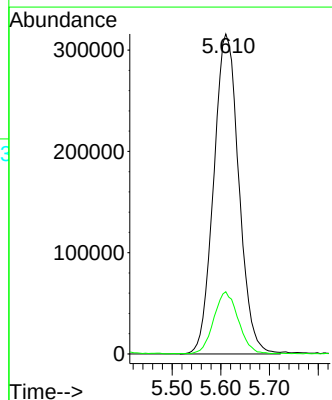
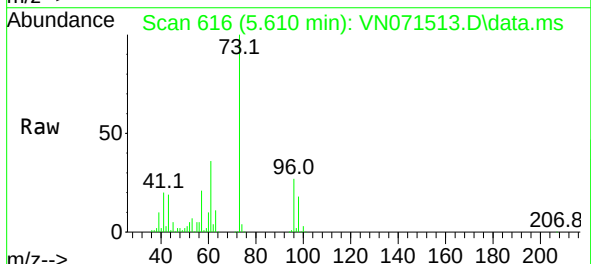
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

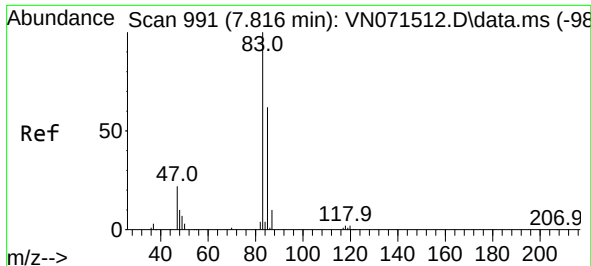
Tgt Ion: 59 Resp: 351475
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 48.513 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 73 Resp: 1132508
Ion Ratio Lower Upper
73 100
43 18.8 18.1 27.1

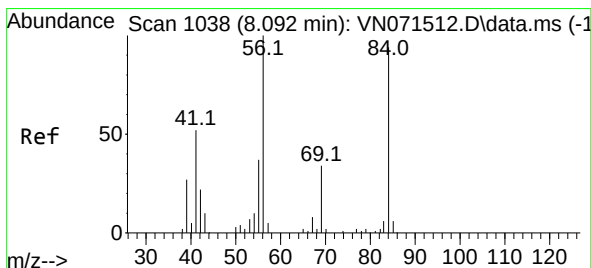
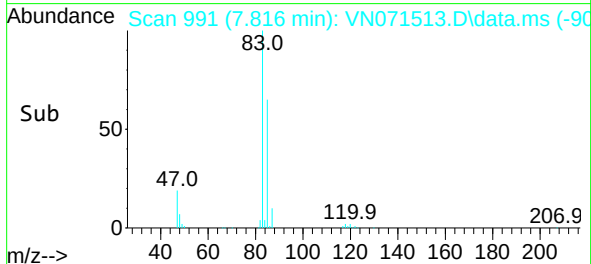
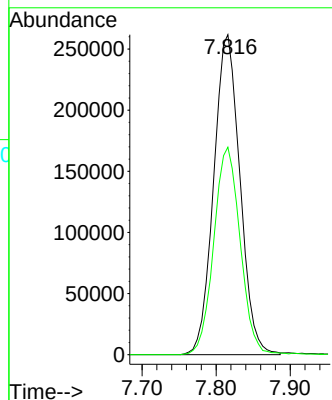
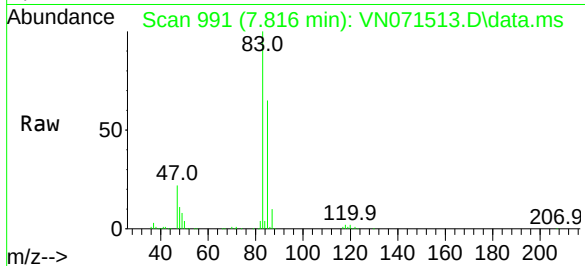




#25
Chloroform
Concen: 49.641 ug/l
RT: 7.816 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

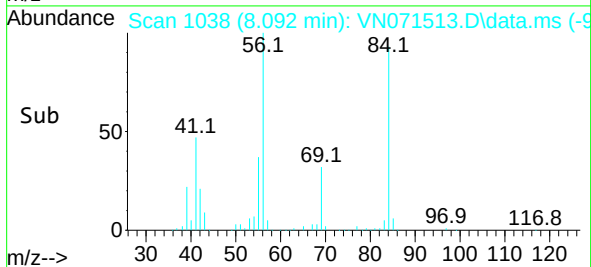
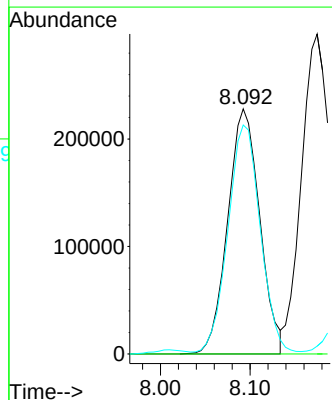
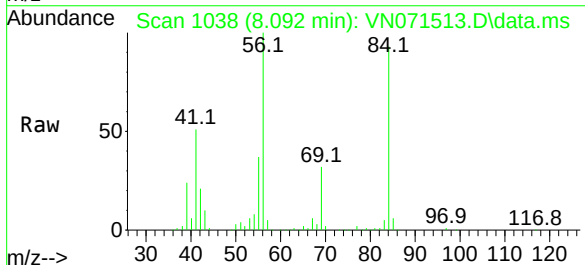
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

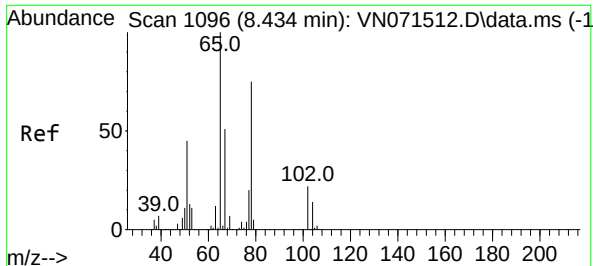
Tgt Ion: 83 Resp: 644960
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9



#26
Cyclohexane
Concen: 46.919 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 56 Resp: 565731
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 95.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 27.765 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

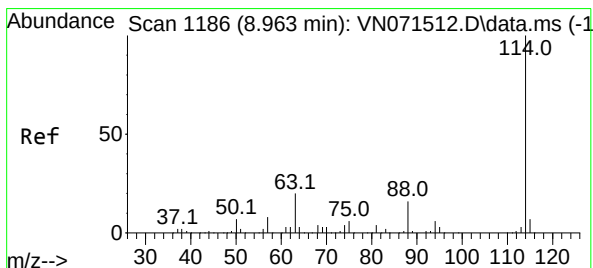
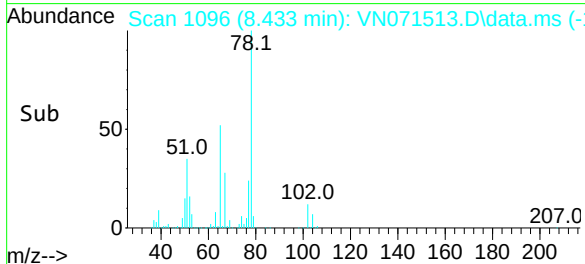
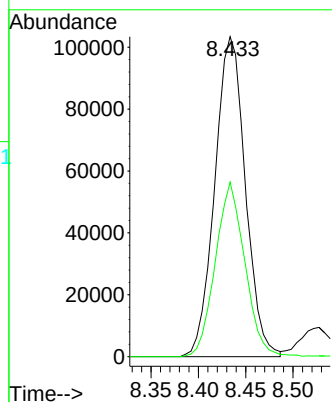
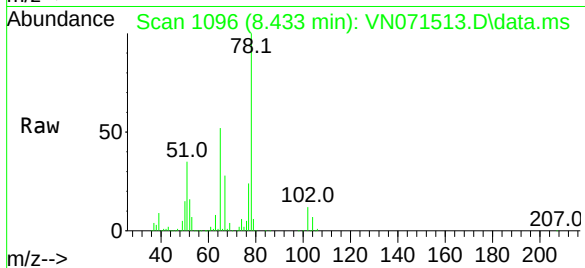
VSTDIC050

Tgt Ion: 65 Resp: 232428

Ion Ratio Lower Upper

65 100

67 52.6 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

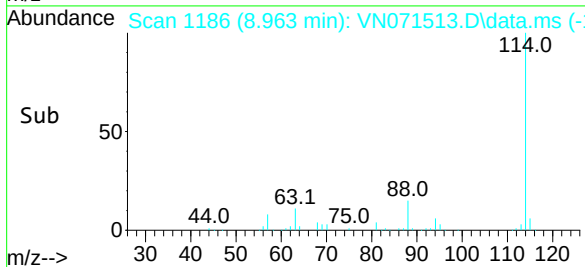
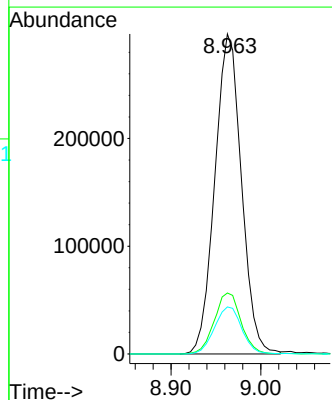
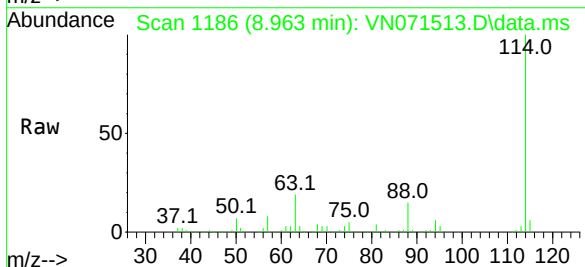
Tgt Ion: 114 Resp: 611020

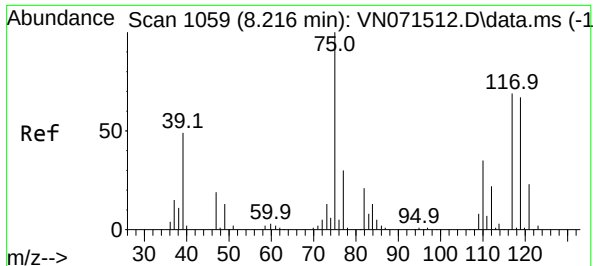
Ion Ratio Lower Upper

114 100

63 19.2 15.8 23.6

88 15.1 11.6 17.4

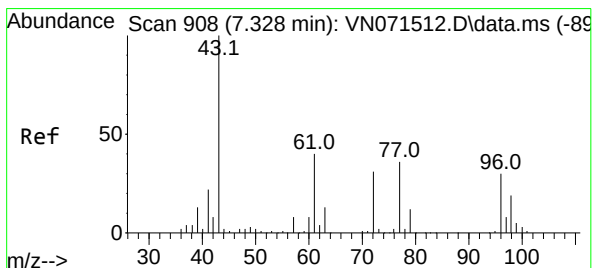
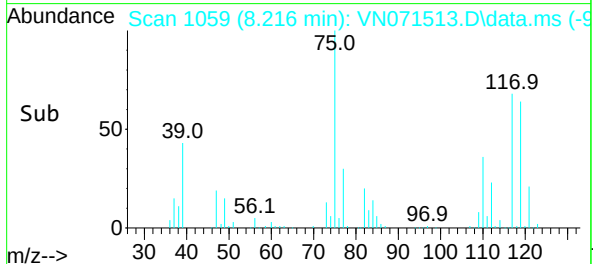
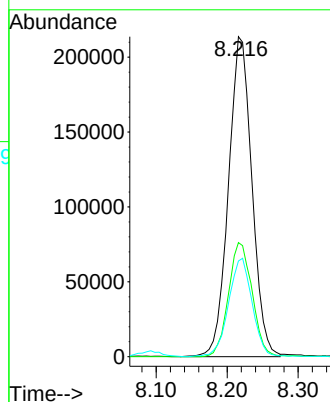
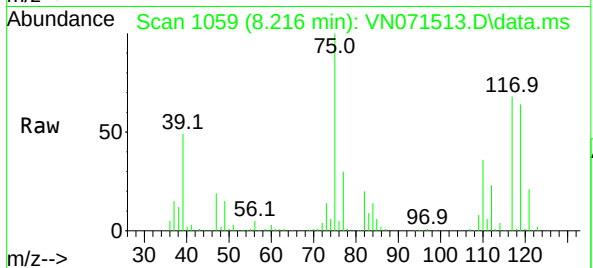




#29
1,1-Dichloropropene
Concen: 49.958 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

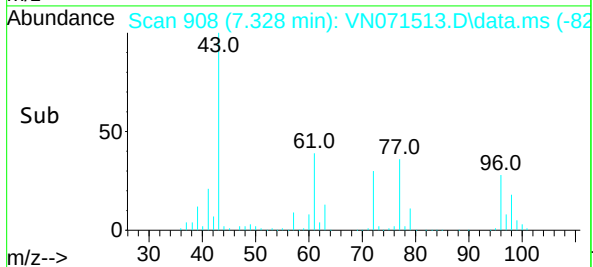
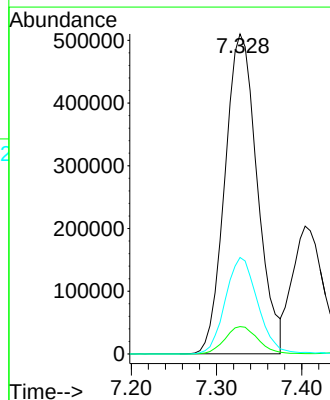
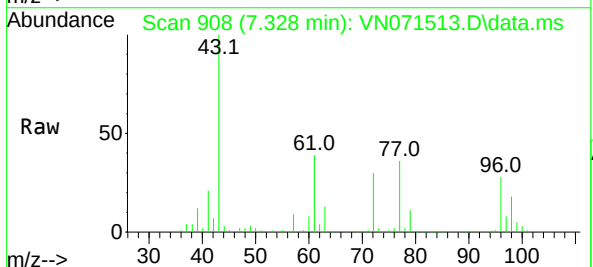
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

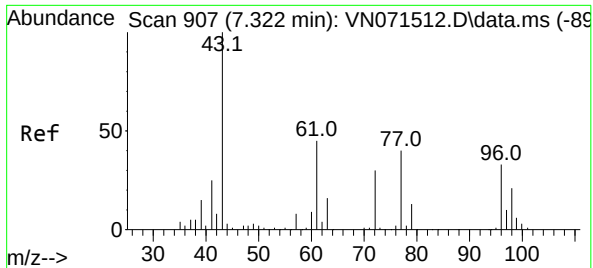
Tgt Ion: 75 Resp: 490697
Ion Ratio Lower Upper
75 100
110 36.0 0.0 74.2
77 31.0 0.0 63.2



#30
2-Butanone
Concen: 201.887 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 43 Resp: 1347051
Ion Ratio Lower Upper
43 100
57 8.8 6.7 10.1
72 30.0 23.2 34.8

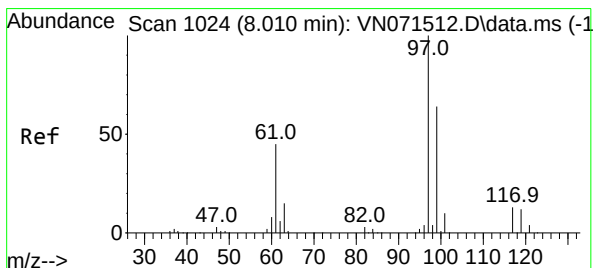
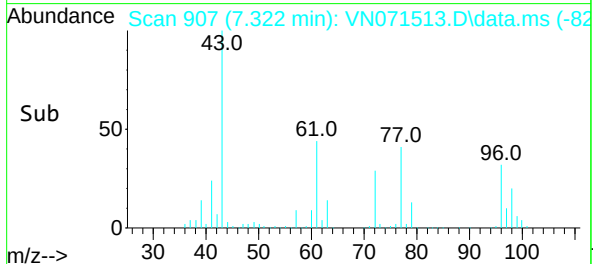
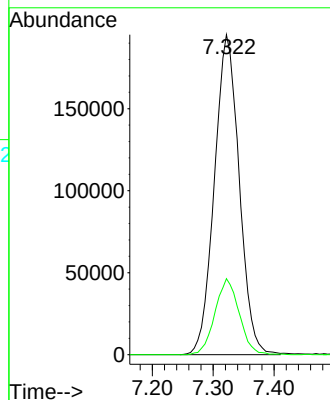
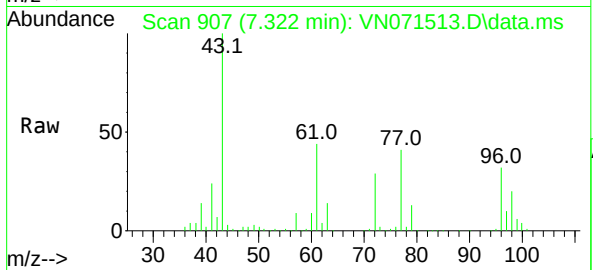




#31
2,2-Dichloropropane
Concen: 57.789 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

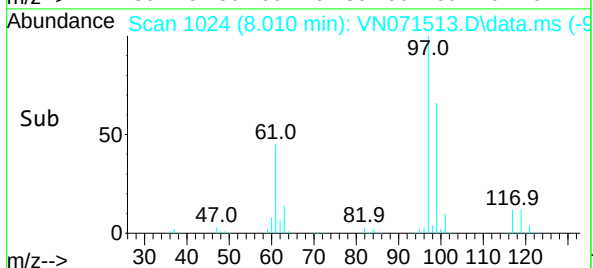
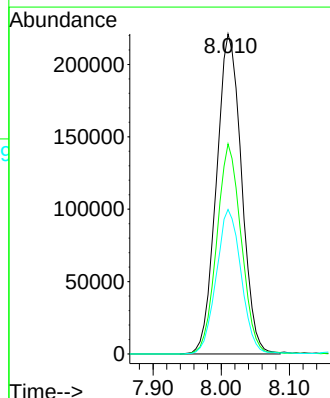
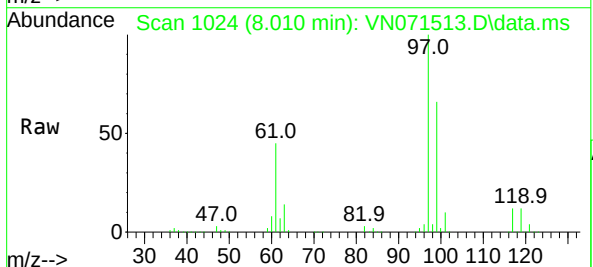
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

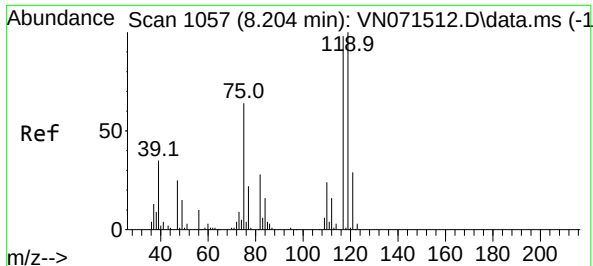
Tgt Ion: 77 Resp: 552713
Ion Ratio Lower Upper
77 100
97 23.1 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 49.583 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 97 Resp: 566548
Ion Ratio Lower Upper
97 100
99 63.9 50.4 75.6
61 44.8 34.6 51.8

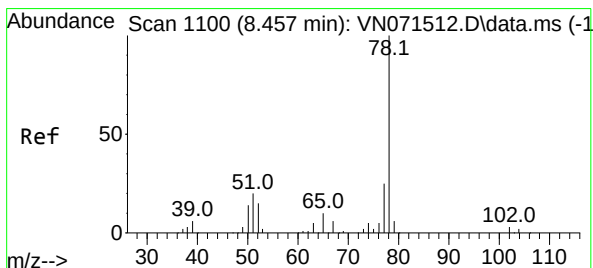
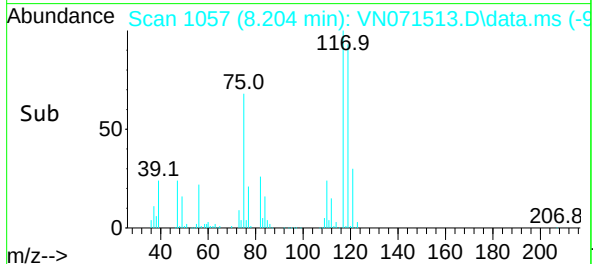
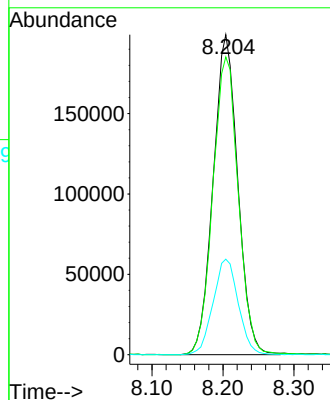
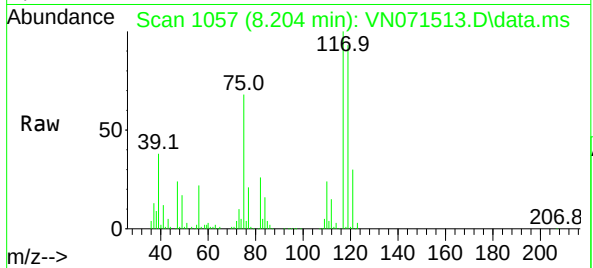




#33
Carbon Tetrachloride
Concen: 49.150 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

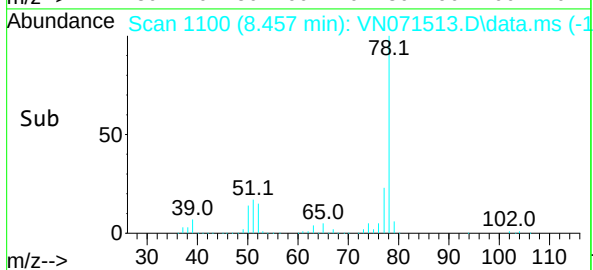
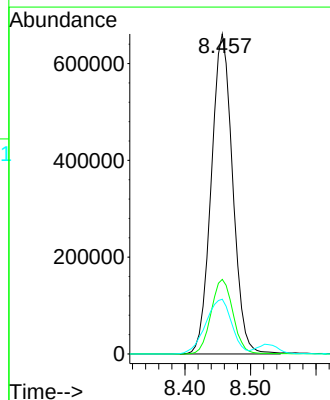
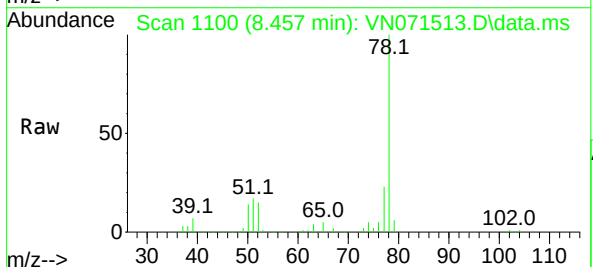
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

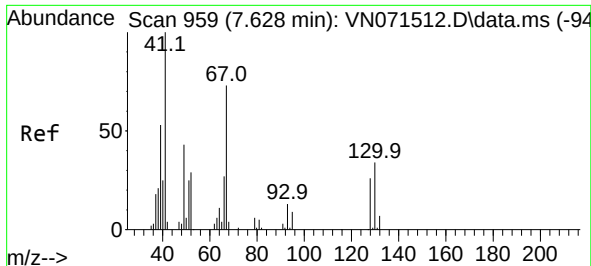
Tgt Ion:117 Resp: 477971
Ion Ratio Lower Upper
117 100
119 93.1 77.5 116.3
121 29.8 23.5 35.3



#34
Benzene
Concen: 49.143 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 78 Resp: 1495674
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7
51 17.0 16.0 24.0

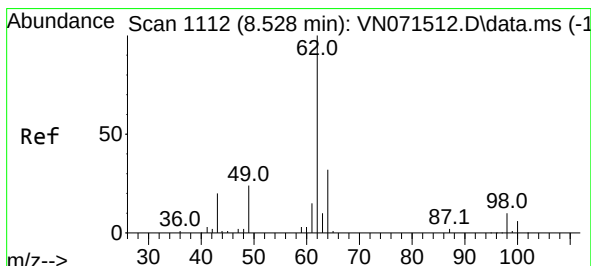
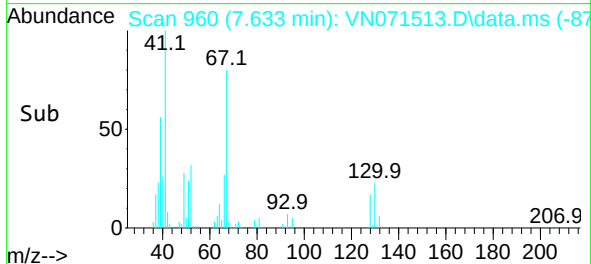
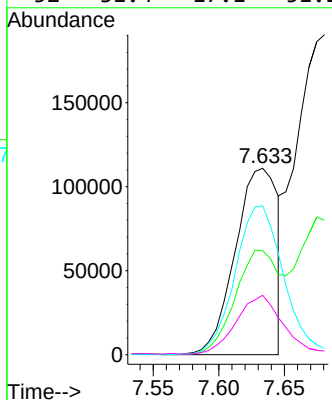
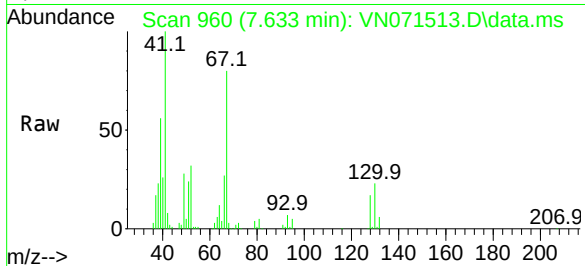




#35
Methacrylonitrile
Concen: 38.517 ug/l
RT: 7.633 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

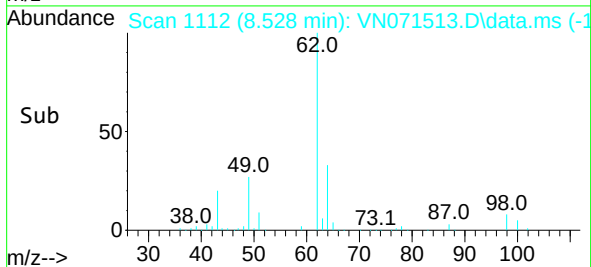
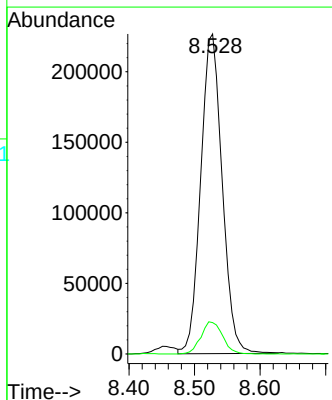
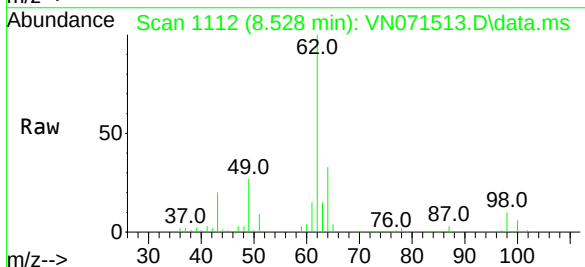
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

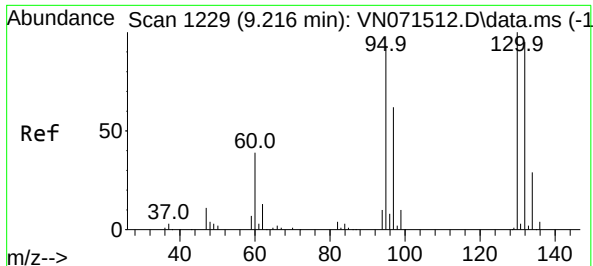
Tgt Ion: 41 Resp: 249325
Ion Ratio Lower Upper
41 100
39 55.4 28.0 83.9
67 79.9 37.7 113.1
52 31.4 17.1 51.2



#36
1,2-Dichloroethane
Concen: 47.779 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 62 Resp: 516190
Ion Ratio Lower Upper
62 100
98 10.2 6.6 10.0#





#37

Trichloroethene

Concen: 52.263 ug/l

RT: 9.216 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

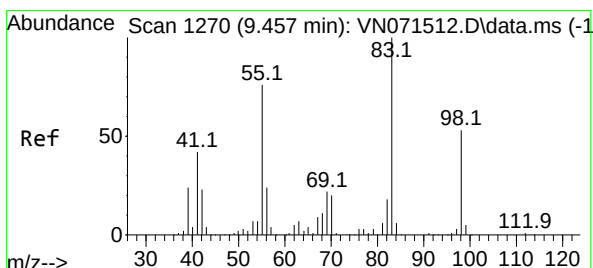
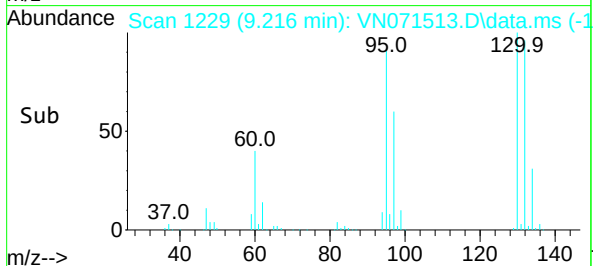
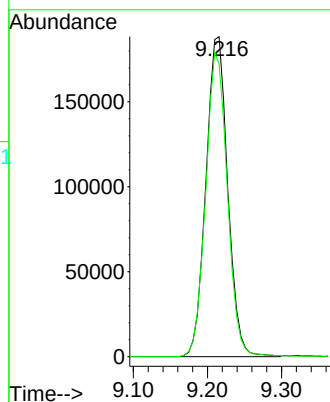
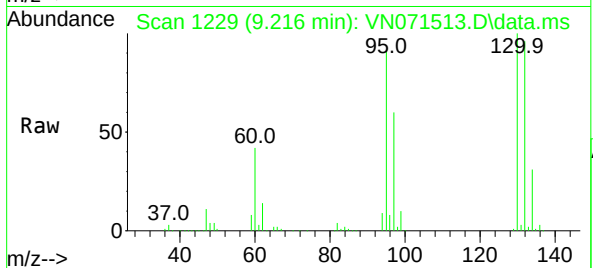
VSTDIC050

Tgt Ion:130 Resp: 385498

Ion Ratio Lower Upper

130 100

95 91.3 76.6 115.0



#38

Methylcyclohexane

Concen: 52.288 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

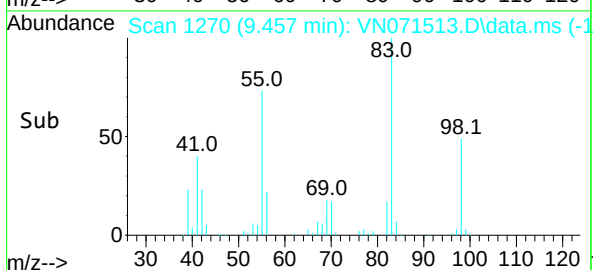
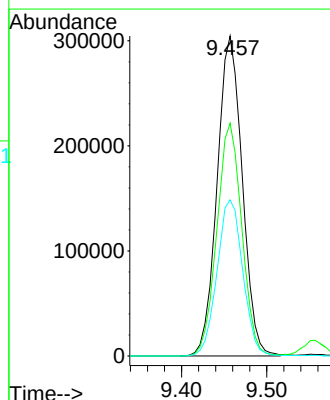
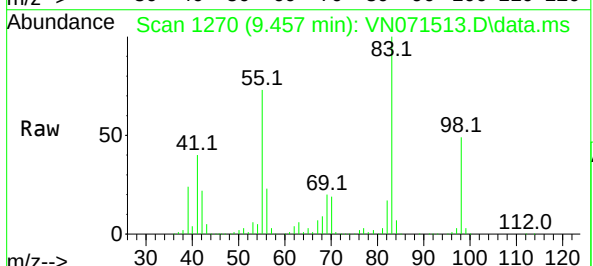
Tgt Ion: 83 Resp: 624324

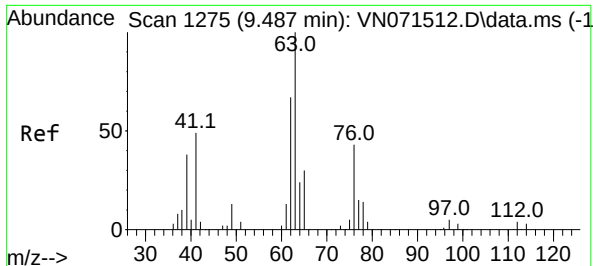
Ion Ratio Lower Upper

83 100

55 72.0 35.1 105.3

98 50.0 23.4 70.2





#39

1,2-Dichloropropane

Concen: 46.893 ug/l

RT: 9.486 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

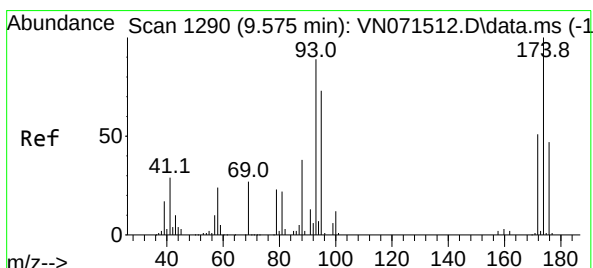
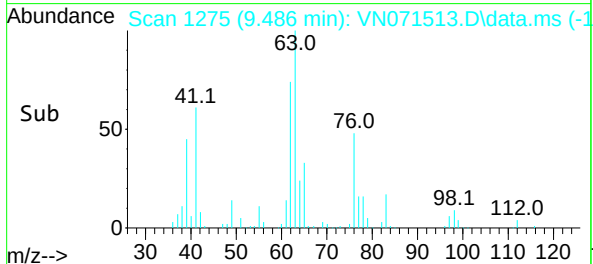
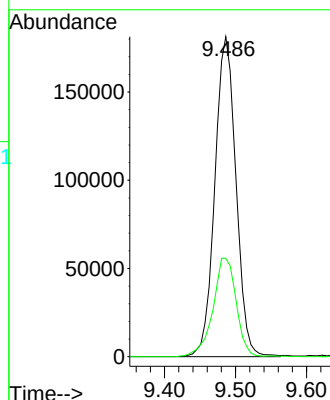
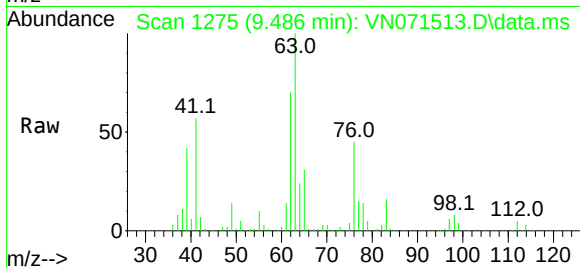
VSTDICC050

Tgt Ion: 63 Resp: 373751

Ion Ratio Lower Upper

63 100

65 30.6 24.2 36.4



#40

Dibromomethane

Concen: 49.685 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

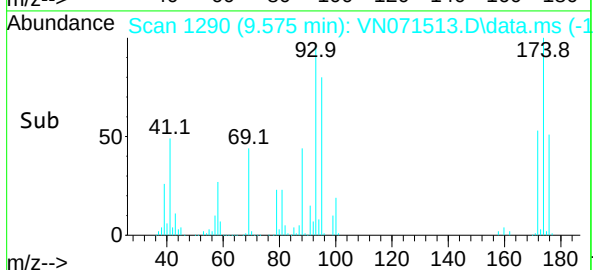
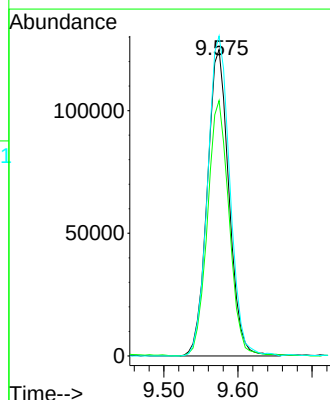
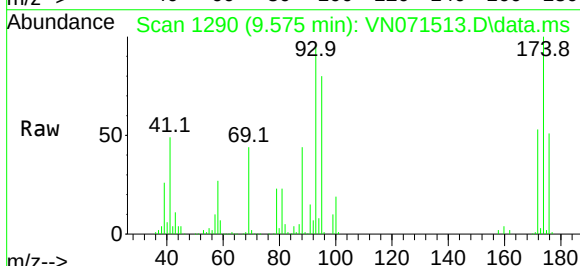
Tgt Ion: 93 Resp: 254012

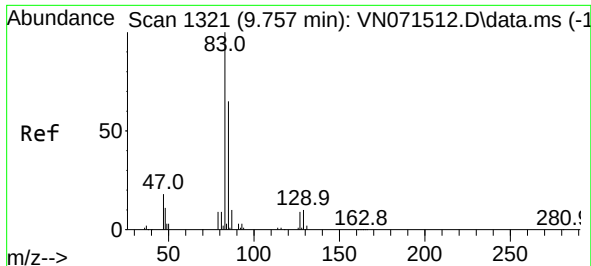
Ion Ratio Lower Upper

93 100

95 82.9 0.0 168.8

174 106.5 0.0 173.6

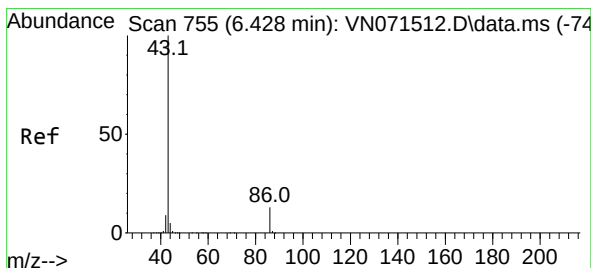
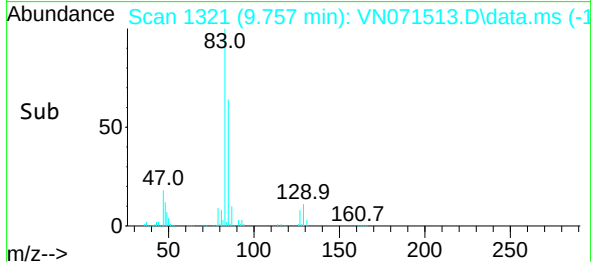
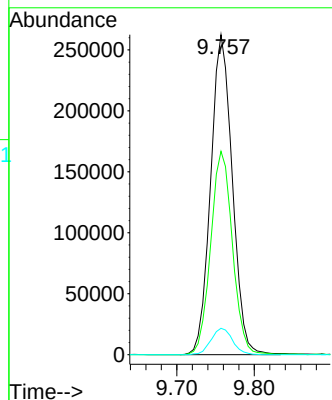
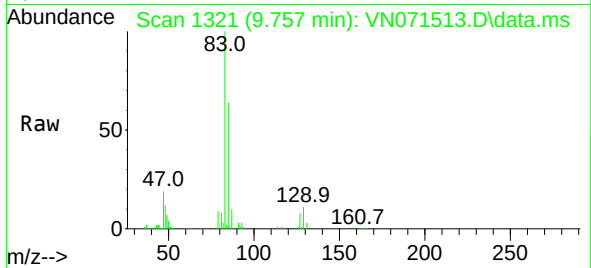




#41
Bromodichloromethane
Concen: 49.614 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

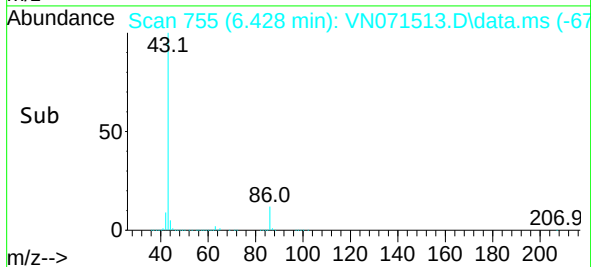
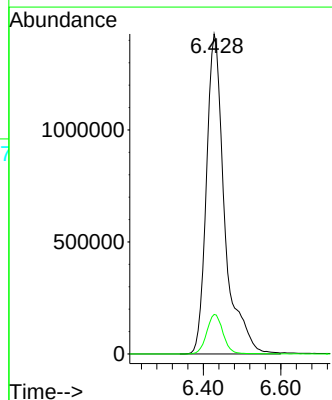
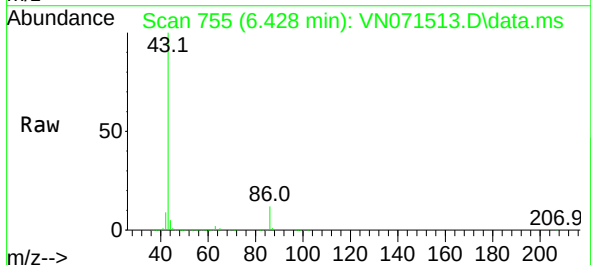
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

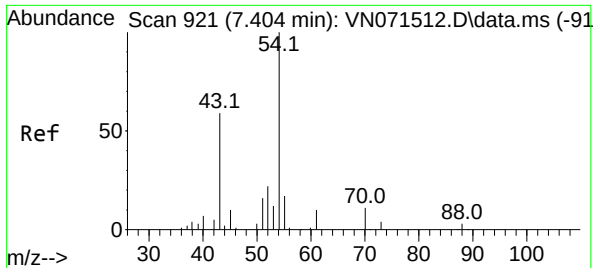
Tgt Ion: 83 Resp: 509930
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 8.3 7.6 11.4



#42
Vinyl Acetate
Concen: 213.202 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 43 Resp: 4667682
Ion Ratio Lower Upper
43 100
86 11.1 7.5 11.3

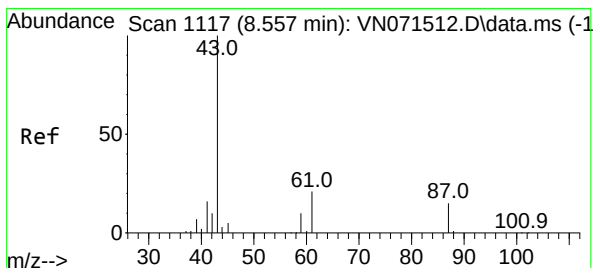
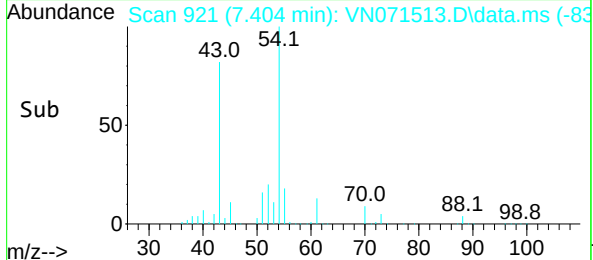
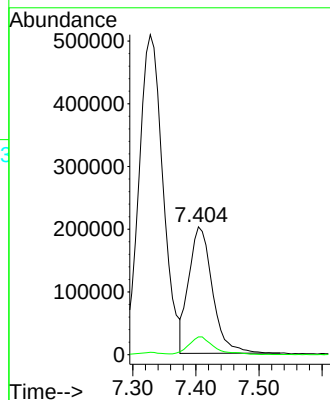
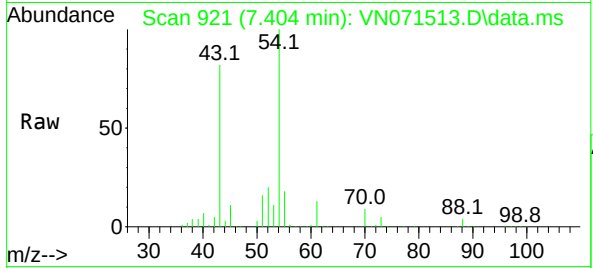




#43
Ethyl Acetate
Concen: 40.329 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

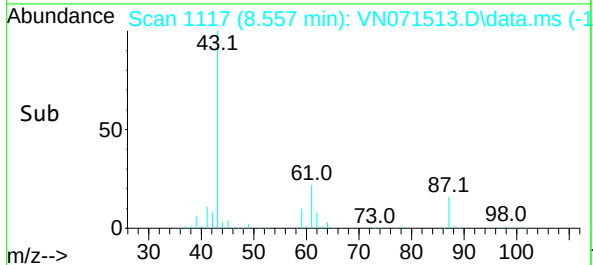
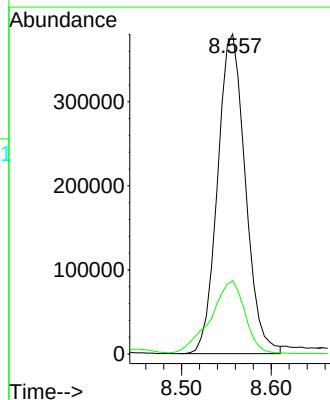
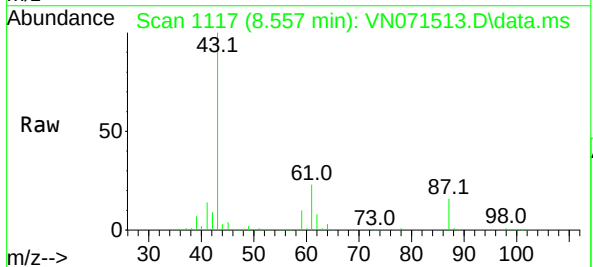
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

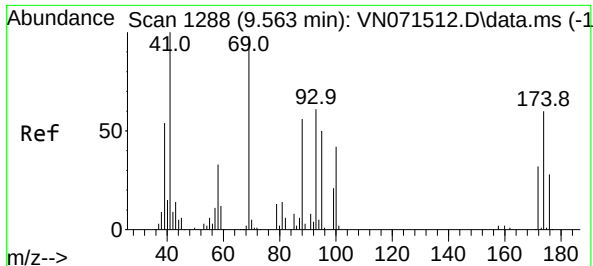
Tgt Ion: 43 Resp: 523711
Ion Ratio Lower Upper
43 100
45 12.9 10.6 16.0



#44
Isopropyl Acetate
Concen: 39.267 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 43 Resp: 816275
Ion Ratio Lower Upper
43 100
61 28.6 20.1 30.1





#45

1,4-Dioxane

Concen: 890.380 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

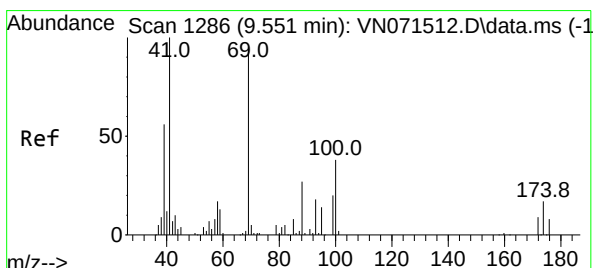
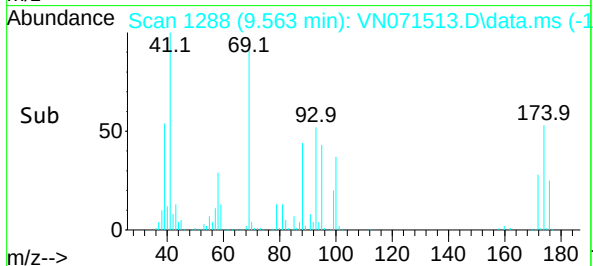
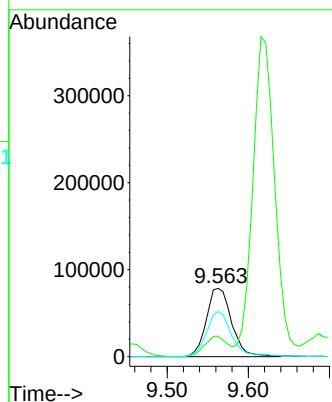
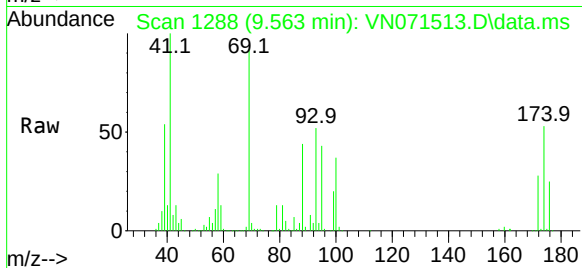
Tgt Ion: 88 Resp: 168925

Ion Ratio Lower Upper

88 100

43 26.9 25.0 37.6

58 64.3 49.4 74.2



#46

Methyl methacrylate

Concen: 40.031 ug/l

RT: 9.551 min Scan# 1286

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

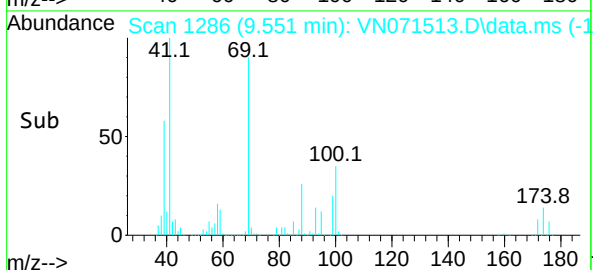
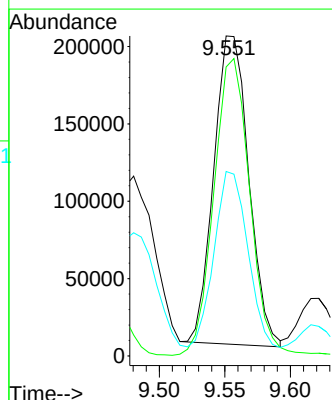
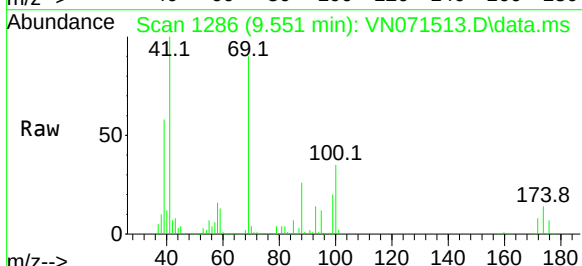
Tgt Ion: 41 Resp: 369253

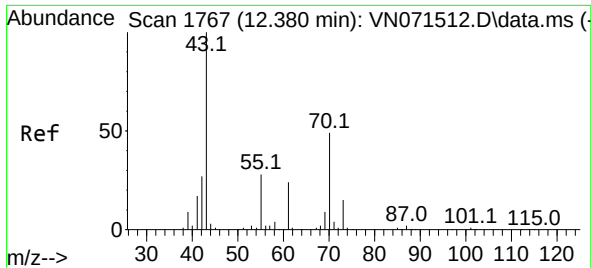
Ion Ratio Lower Upper

41 100

69 94.0 44.4 133.2

39 57.6 39.9 119.6

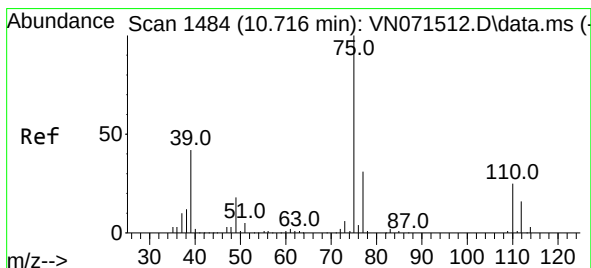
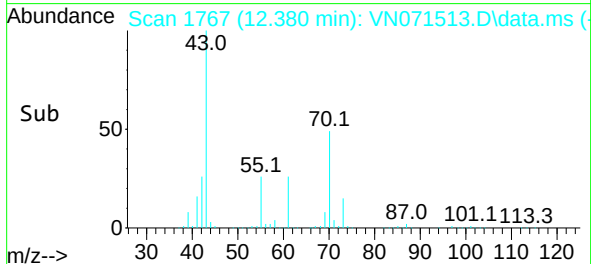
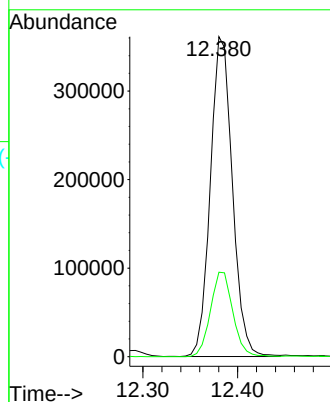
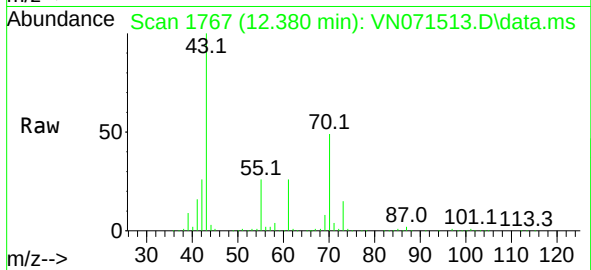




#47
n-amyl acetate
Concen: 42.353 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

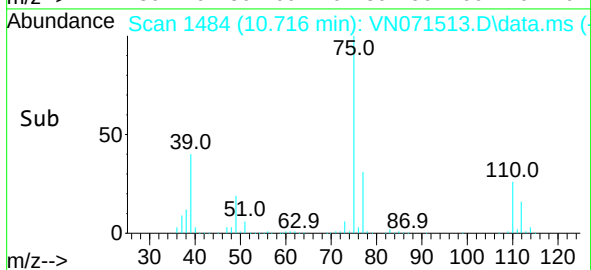
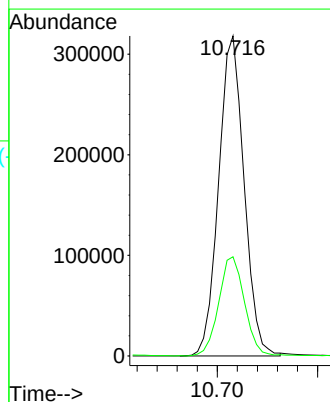
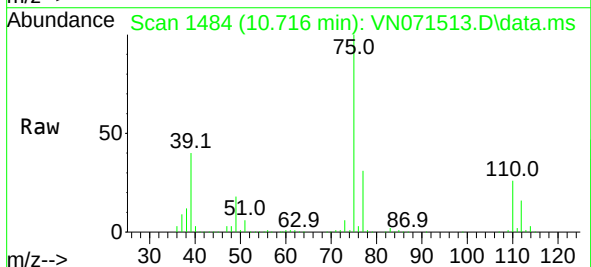
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

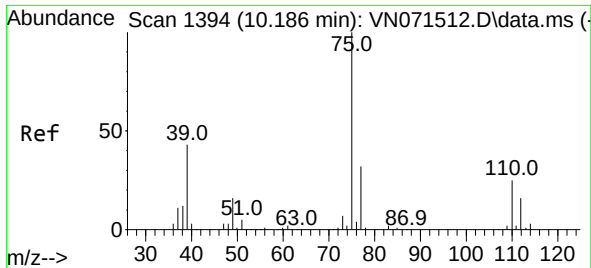
Tgt Ion: 43 Resp: 583126
Ion Ratio Lower Upper
43 100
55 26.9 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 50.014 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 75 Resp: 558943
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9

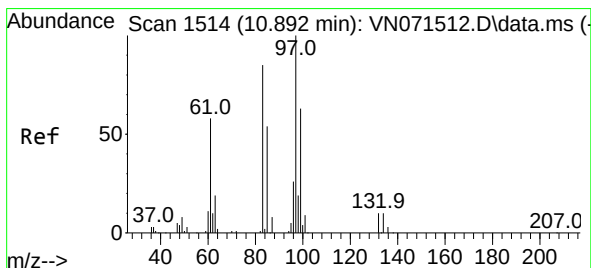
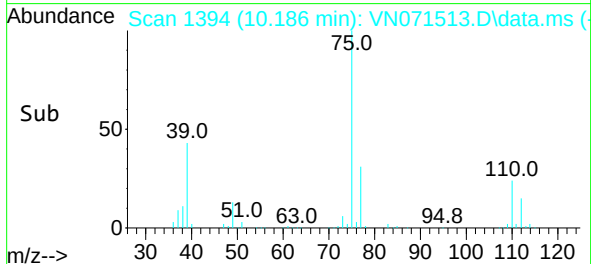
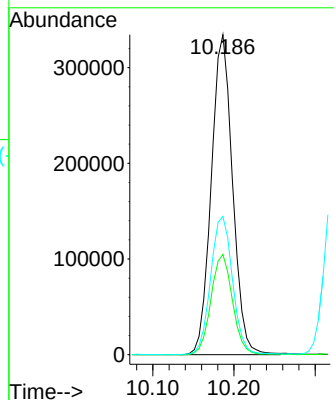
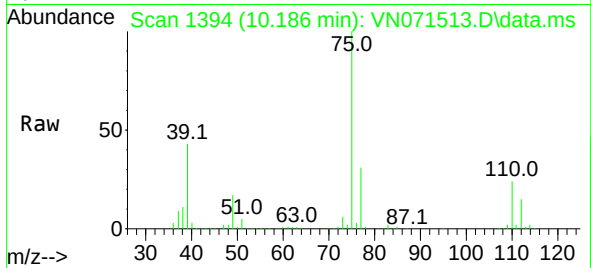




#49
 cis-1,3-Dichloropropene
 Concen: 50.228 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

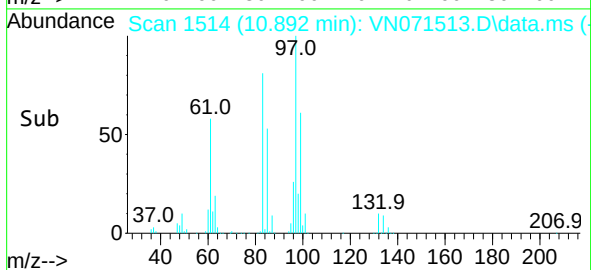
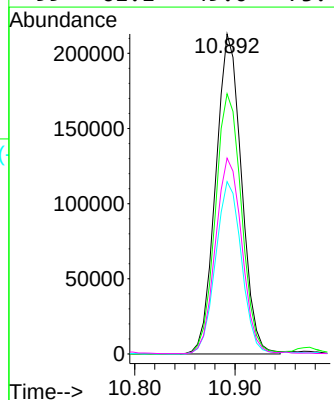
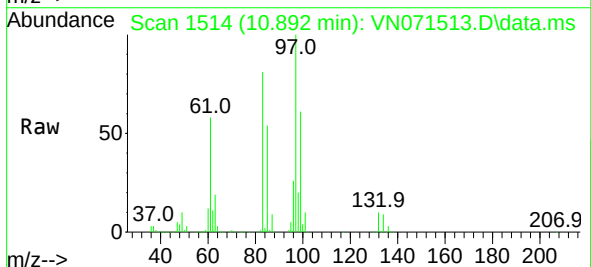
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

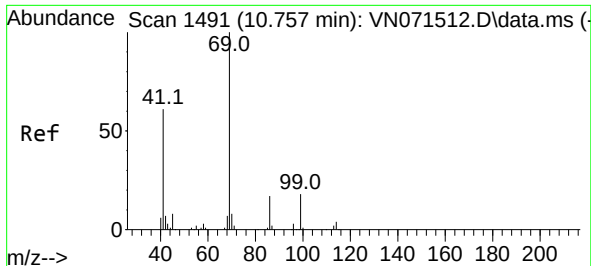
Tgt Ion: 75 Resp: 609504
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9
 39 43.2 46.2 69.4#



#50
 1,1,2-Trichloroethane
 Concen: 50.716 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. -0.000 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

Tgt Ion: 97 Resp: 380737
 Ion Ratio Lower Upper
 97 100
 83 81.3 67.2 100.8
 85 53.9 43.0 64.4
 99 61.1 49.0 73.4

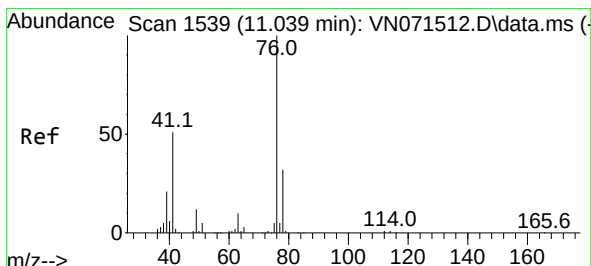
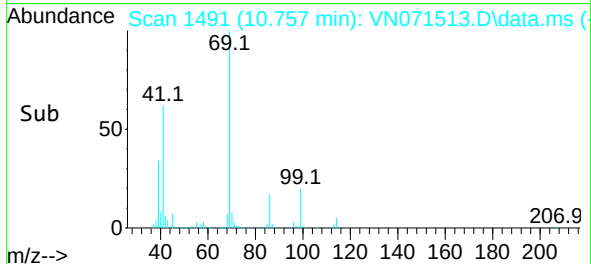
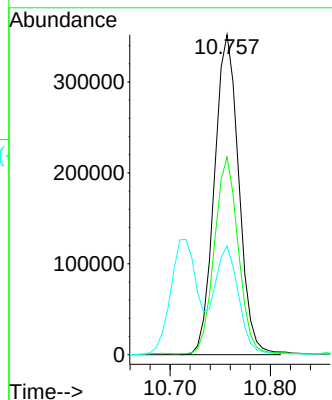
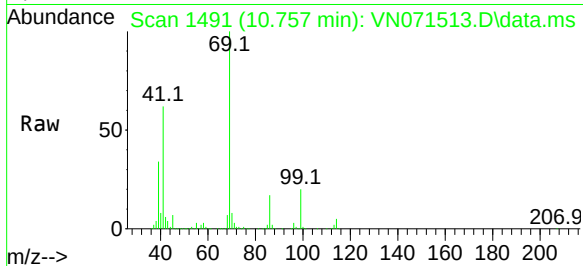




#51
Ethyl methacrylate
Concen: 47.267 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

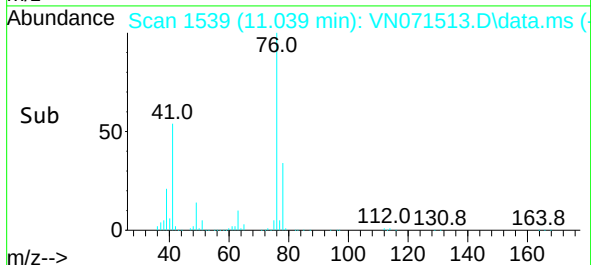
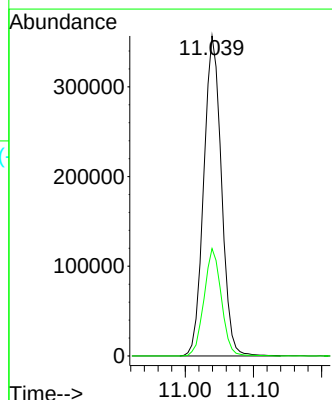
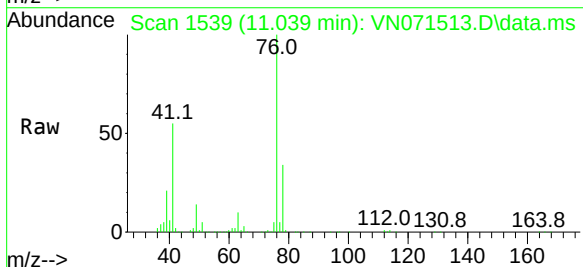
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

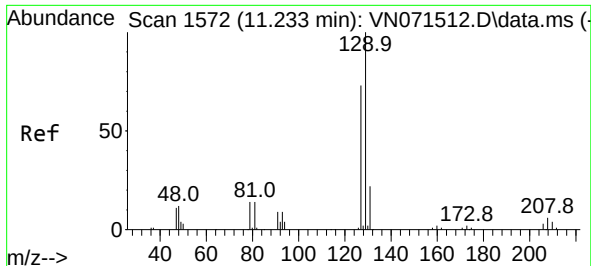
Tgt Ion: 69 Resp: 594691
Ion Ratio Lower Upper
69 100
41 61.5 33.0 98.9
39 33.7 25.4 76.4



#52
1,3-Dichloropropane
Concen: 48.163 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 76 Resp: 643983
Ion Ratio Lower Upper
76 100
78 32.6 0.0 65.4

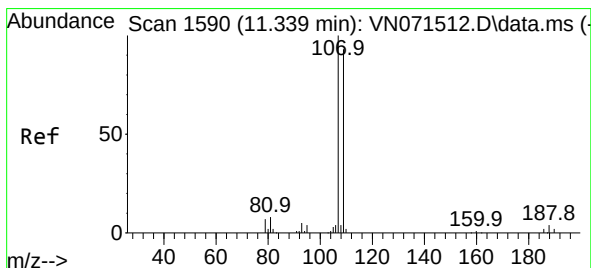
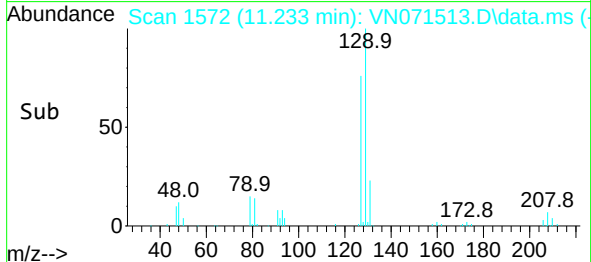
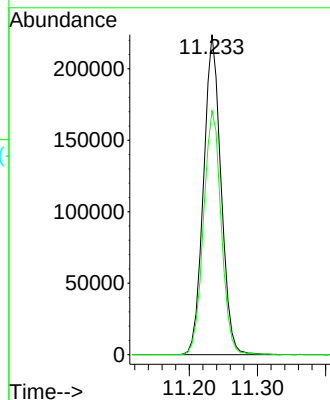
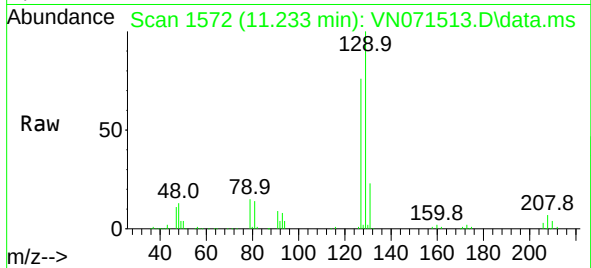




#53
Dibromochloromethane
Concen: 51.247 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

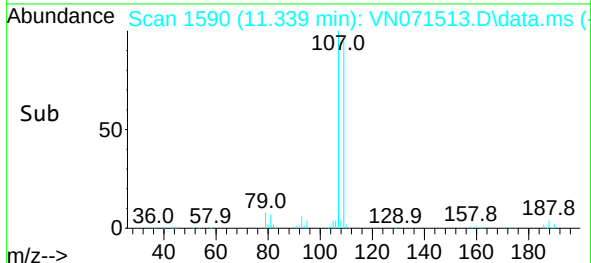
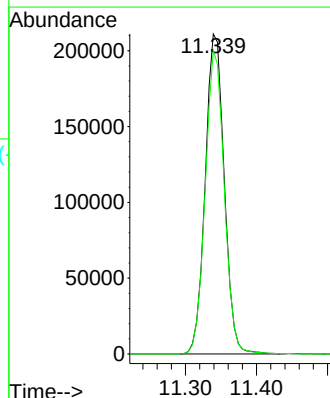
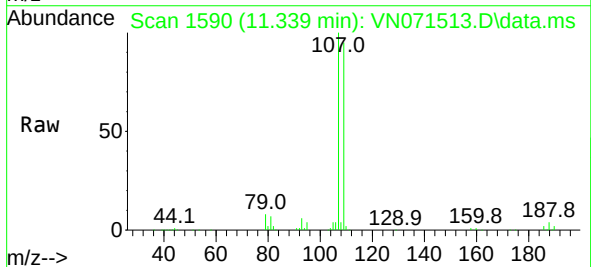
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

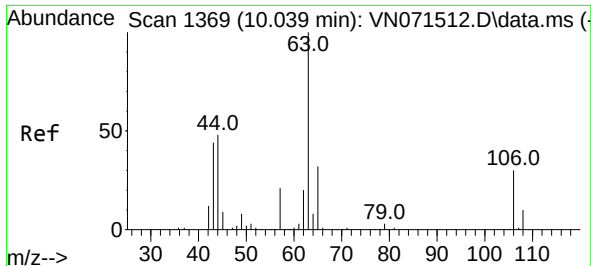
Tgt Ion:129 Resp: 398598
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0



#54
1,2-Dibromoethane
Concen: 50.731 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion:107 Resp: 393196
Ion Ratio Lower Upper
107 100
109 94.9 72.8 109.2

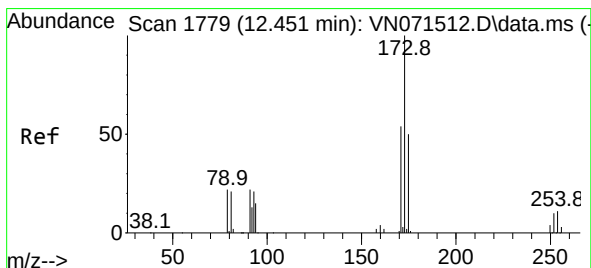
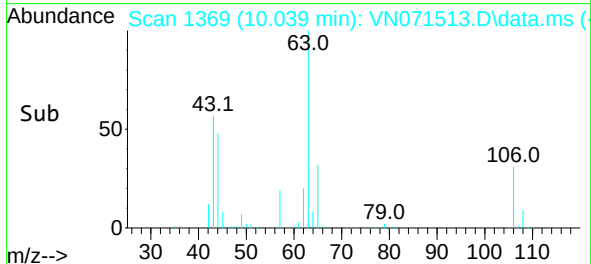
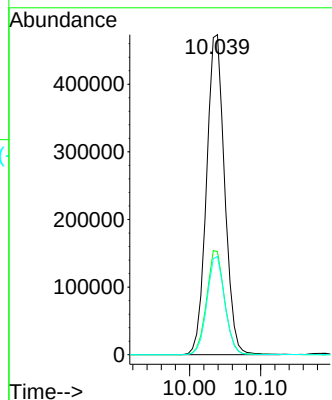
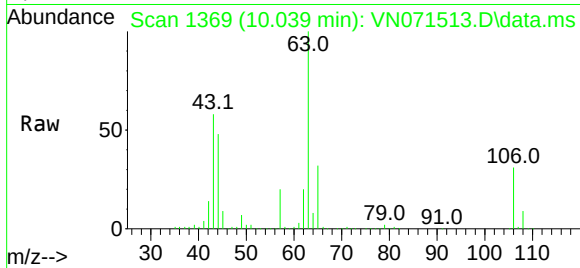




#55
2-Chloroethyl vinyl ether
Concen: 220.111 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

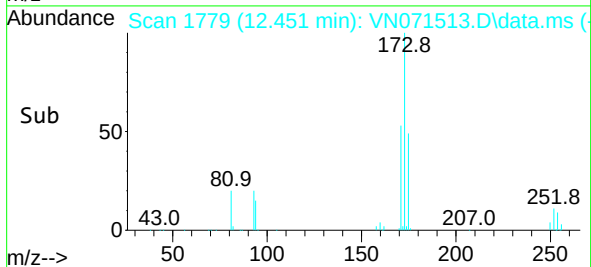
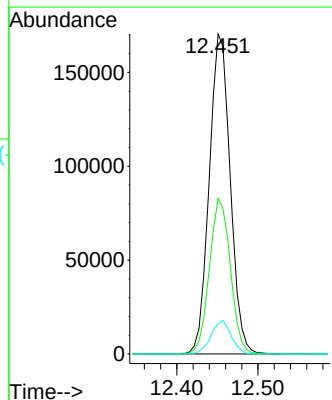
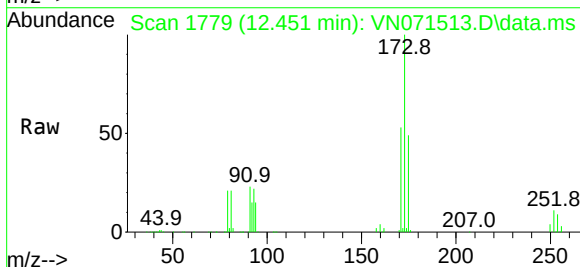
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

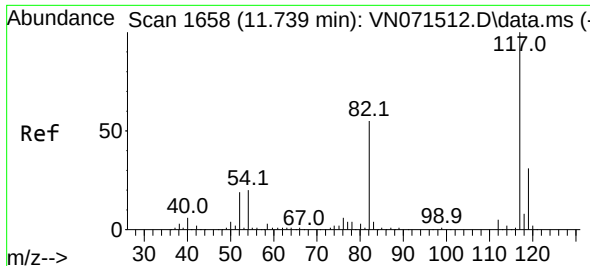
Tgt Ion: 63 Resp: 839447
Ion Ratio Lower Upper
63 100
65 32.3 25.4 38.0
106 30.2 23.2 34.8



#56
Bromoform
Concen: 50.864 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 173 Resp: 306220
Ion Ratio Lower Upper
173 100
175 48.5 38.6 58.0
254 10.1 0.0 0.0#

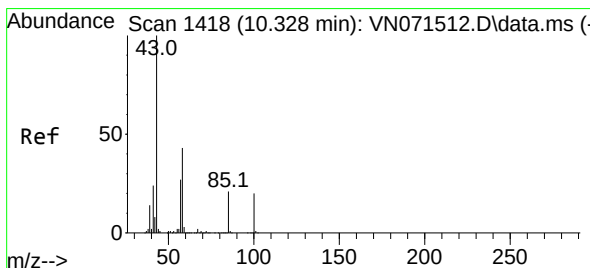
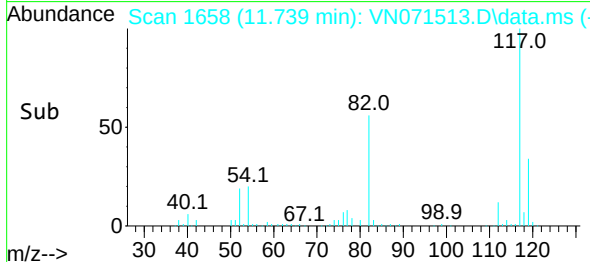
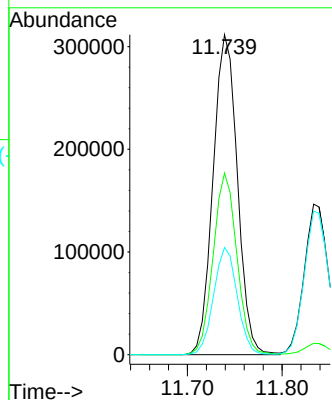
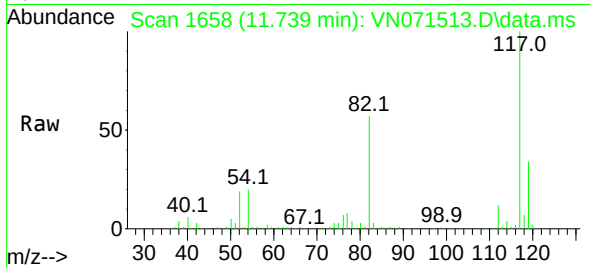




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

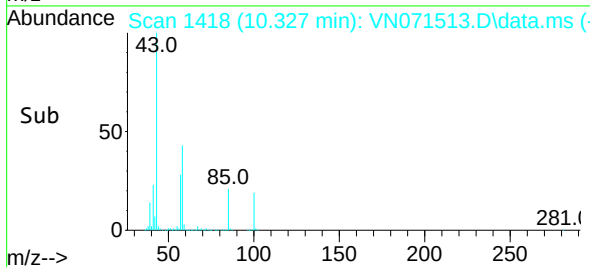
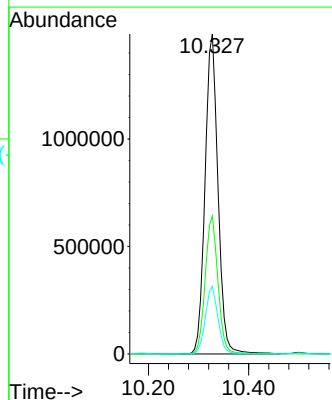
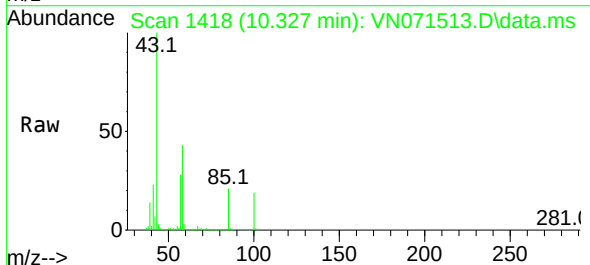
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

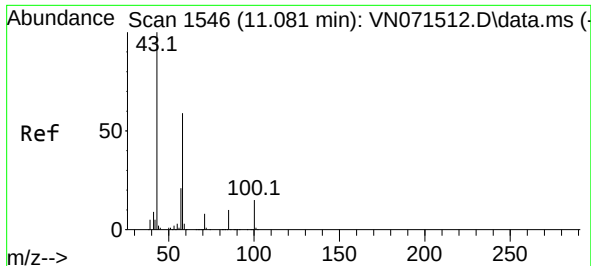
Tgt Ion:117 Resp: 556718
Ion Ratio Lower Upper
117 100
82 55.4 43.6 65.4
119 32.5 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 209.471 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 43 Resp: 2669449
Ion Ratio Lower Upper
43 100
58 42.6 30.0 45.0
85 20.8 15.0 22.6

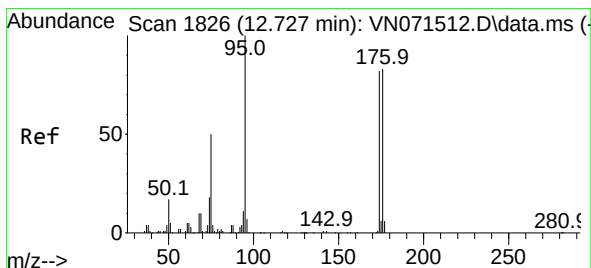
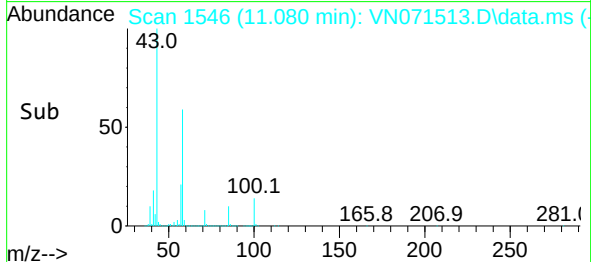
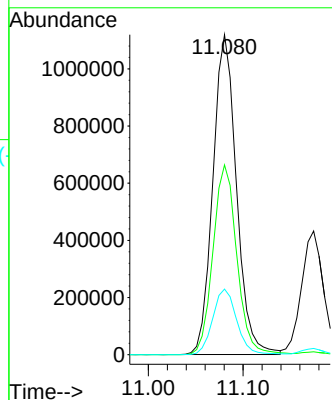
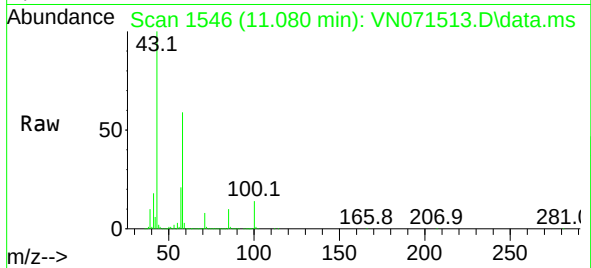




#59
2-Hexanone
Concen: 204.553 ug/l
RT: 11.080 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

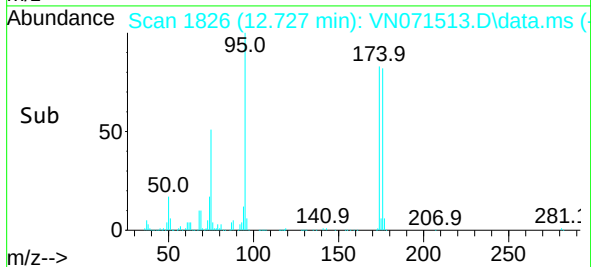
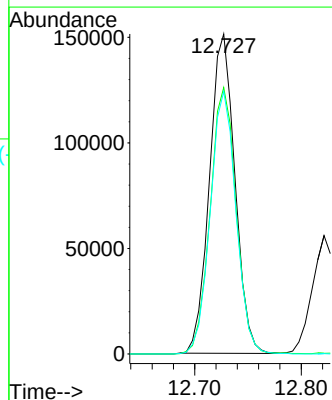
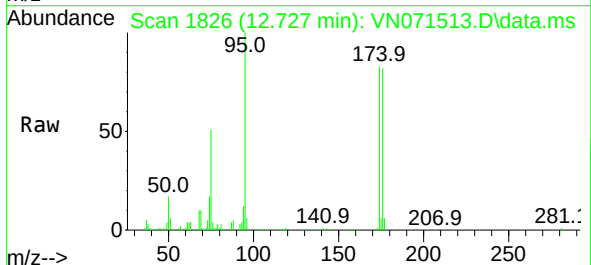
Instrument :
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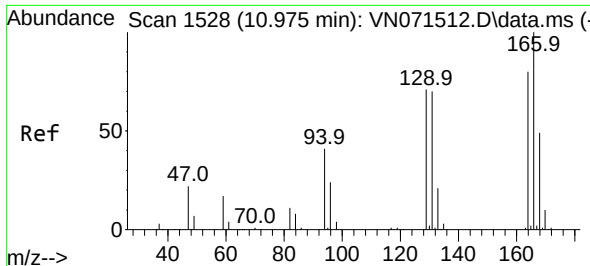
Tgt Ion: 43 Resp: 1936031
Ion Ratio Lower Upper
43 100
58 60.0 42.2 63.2
57 21.0 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.296 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 95 Resp: 250198
Ion Ratio Lower Upper
95 100
174 85.2 62.9 94.3
176 83.0 61.0 91.4

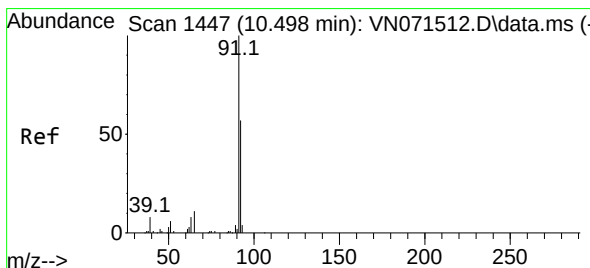
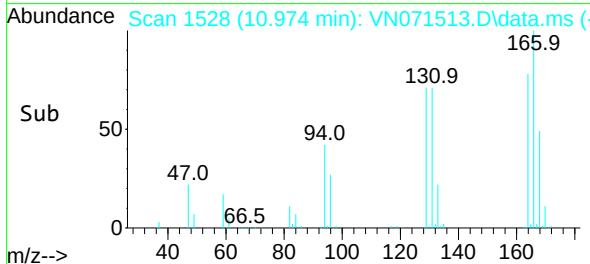
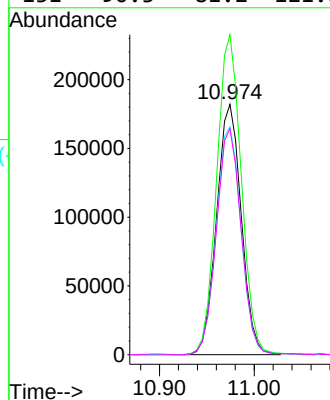
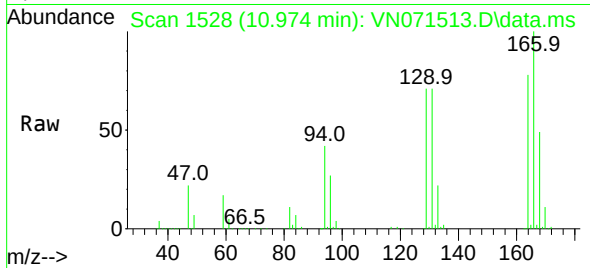




#61
Tetrachloroethene
Concen: 52.862 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

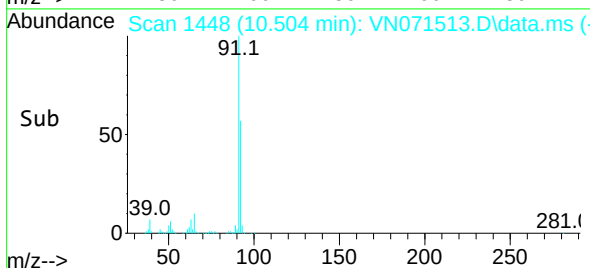
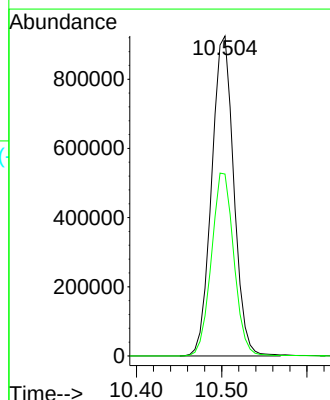
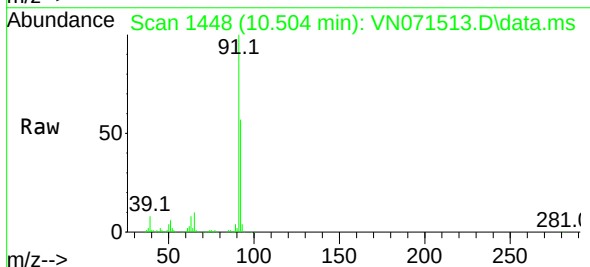
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

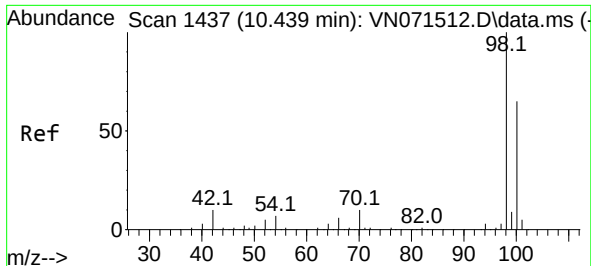
Tgt Ion:164 Resp: 329757
Ion Ratio Lower Upper
164 100
166 127.8 105.8 158.8
129 91.0 82.5 123.7
131 90.3 81.2 121.8



#62
Toluene
Concen: 51.950 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 91 Resp: 1669654
Ion Ratio Lower Upper
91 100
92 57.8 44.6 67.0

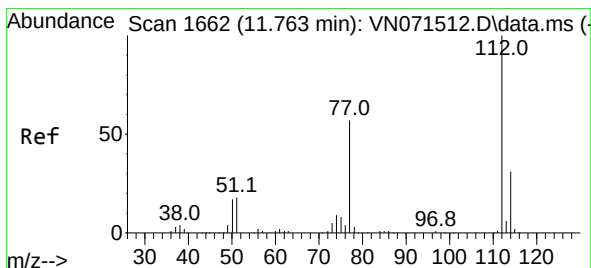
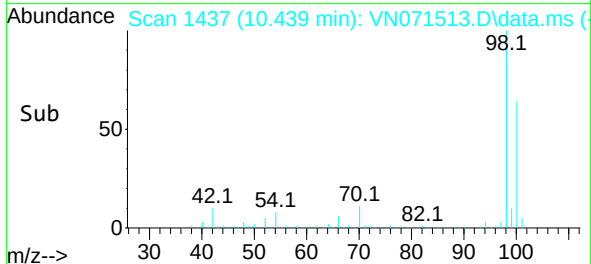
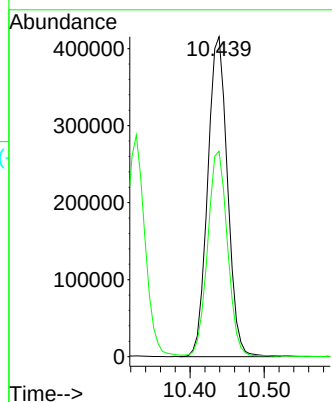
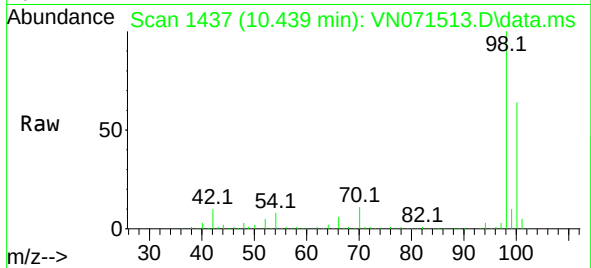




#63
Toluene-d8
Concen: 30.122 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

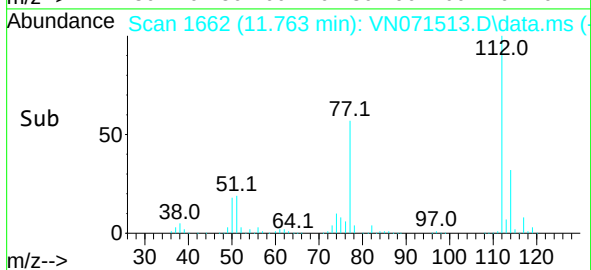
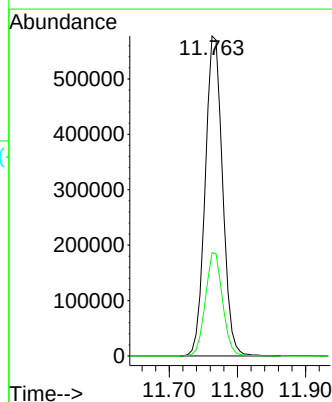
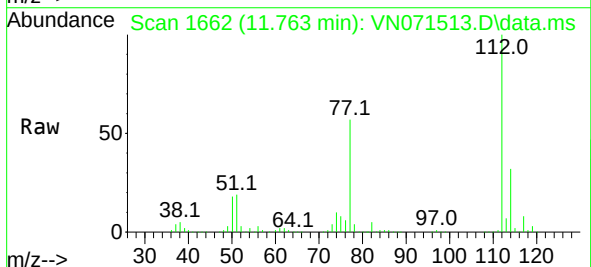
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

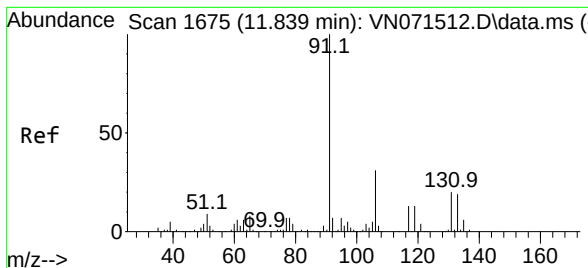
Tgt Ion: 98 Resp: 771631
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0



#64
Chlorobenzene
Concen: 52.395 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 112 Resp: 1023471
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



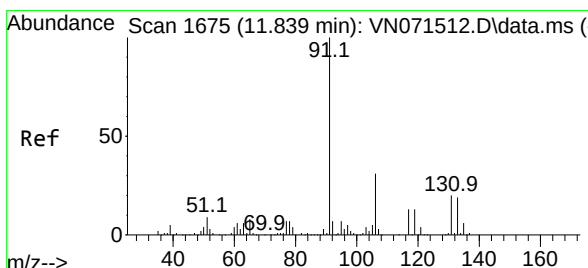
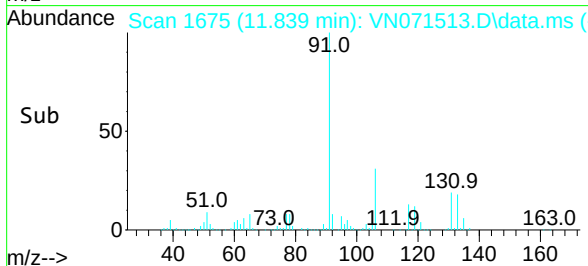
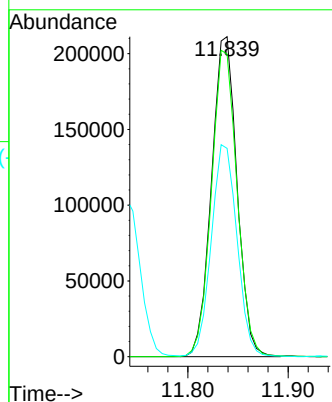
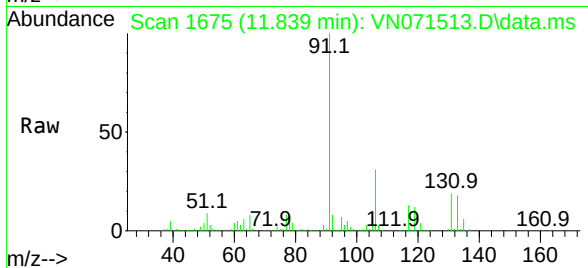


#65
 1,1,1,2-Tetrachloroethane
 Concen: 51.449 ug/l
 RT: 11.839 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Tgt Ion:131 Resp: 372781

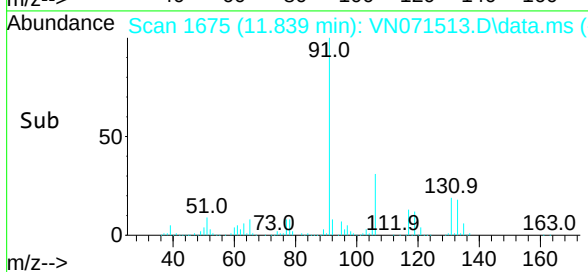
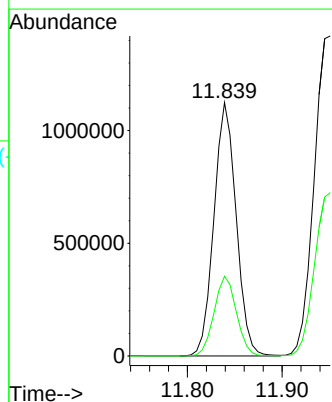
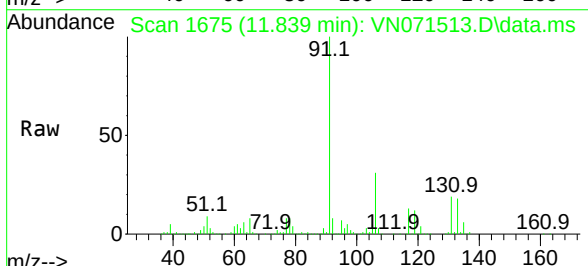
Ion	Ratio	Lower	Upper
131	100		
133	96.5	0.0	191.2
119	67.1	0.0	128.8

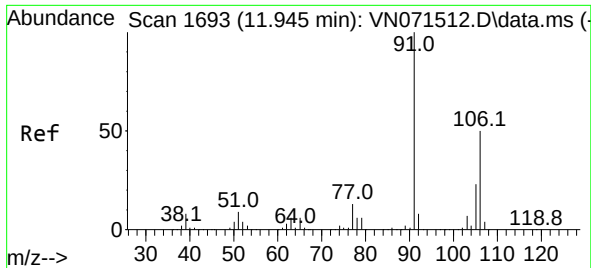


#66
 Ethyl Benzene
 Concen: 52.129 ug/l
 RT: 11.839 min Scan# 1675
 Delta R.T. -0.000 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

Tgt Ion: 91 Resp: 1836605

Ion	Ratio	Lower	Upper
91	100		
106	31.4	24.0	36.0

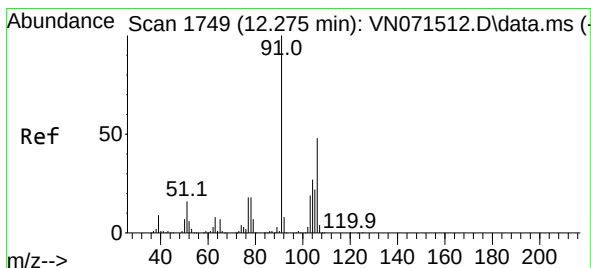
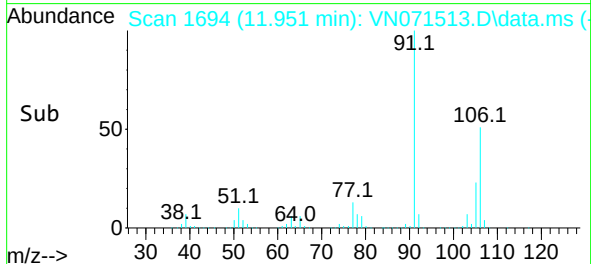
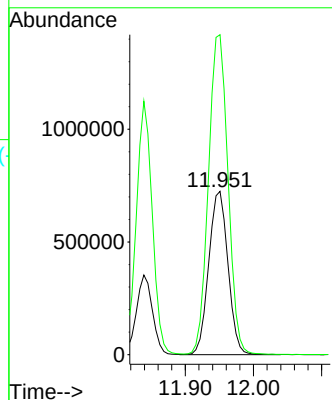
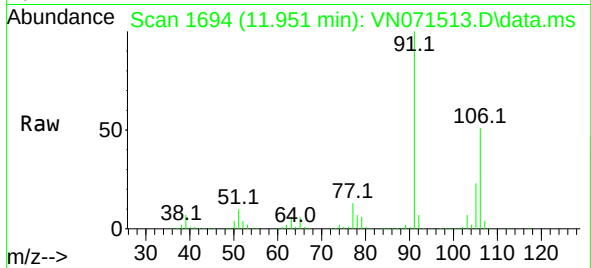




#67
m/p-Xylenes
Concen: 106.250 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

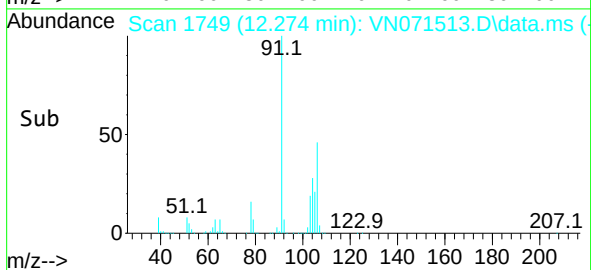
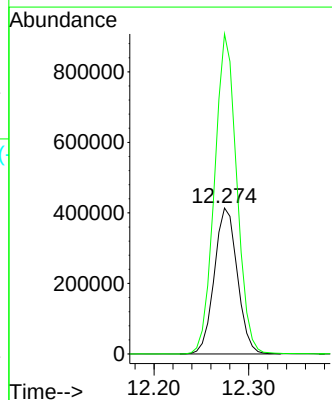
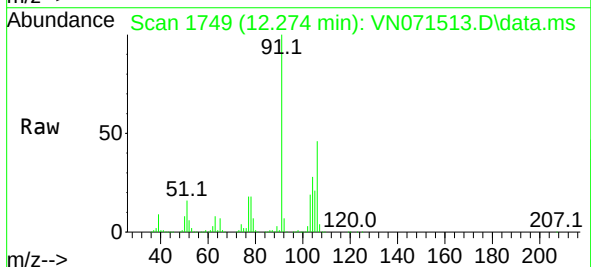
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

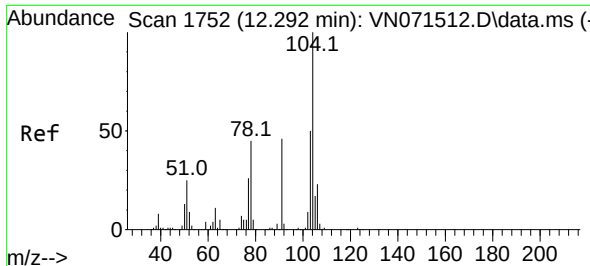
Tgt Ion:106 Resp: 1423492
Ion Ratio Lower Upper
106 100
91 198.8 162.9 244.3



#68
o-Xylene
Concen: 52.244 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion:106 Resp: 699183
Ion Ratio Lower Upper
106 100
91 212.0 107.7 323.1

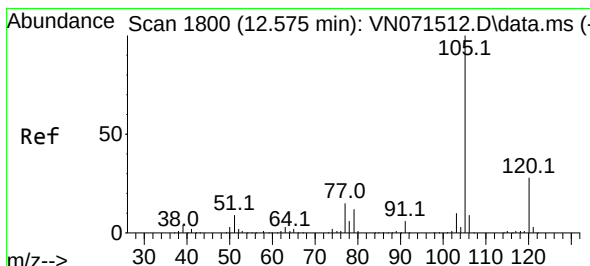
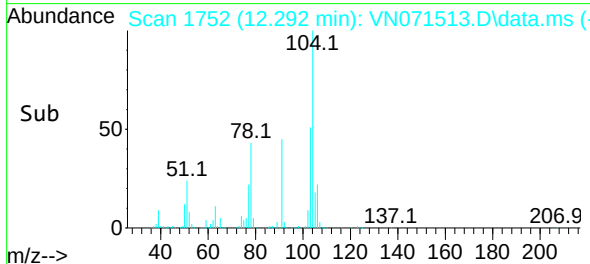
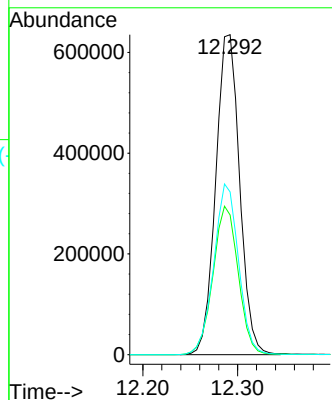
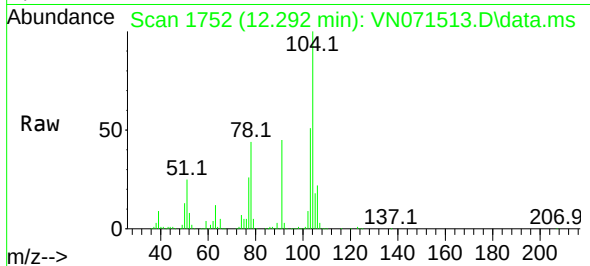




#69
Styrene
Concen: 52.970 ug/l
RT: 12.292 min Scan# 1117483
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

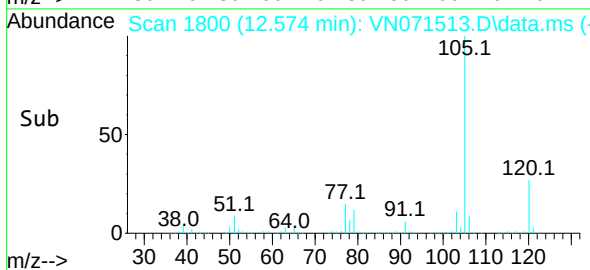
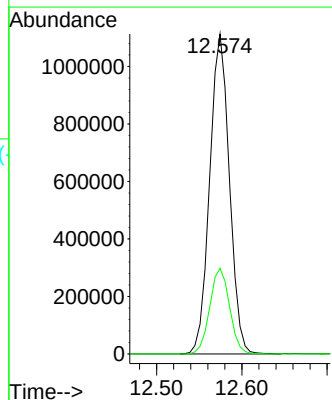
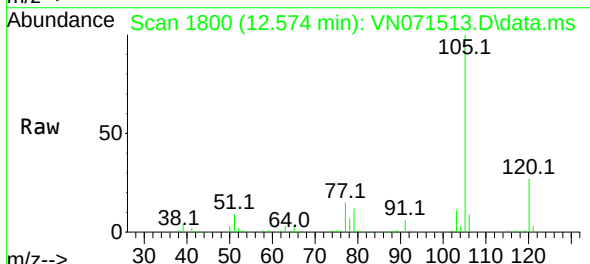
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

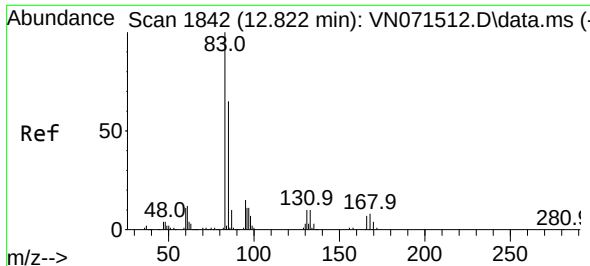
Tgt Ion:104 Resp: 1117483
Ion Ratio Lower Upper
104 100
78 49.0 40.7 61.1
103 55.3 45.8 68.8



#70
Isopropylbenzene
Concen: 52.632 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion:105 Resp: 1785296
Ion Ratio Lower Upper
105 100
120 26.9 18.3 34.1

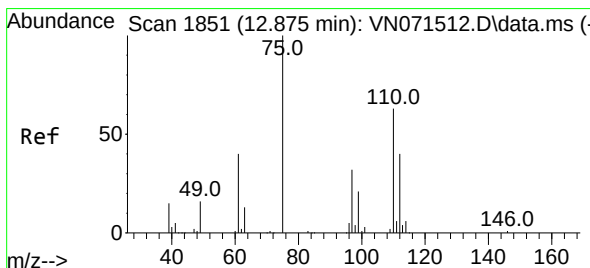
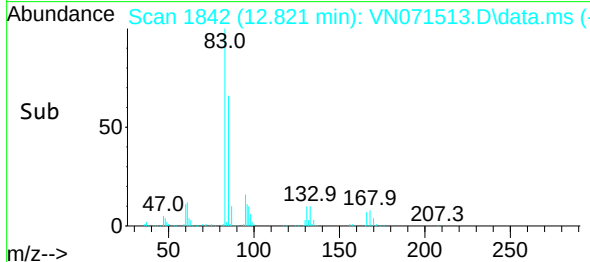
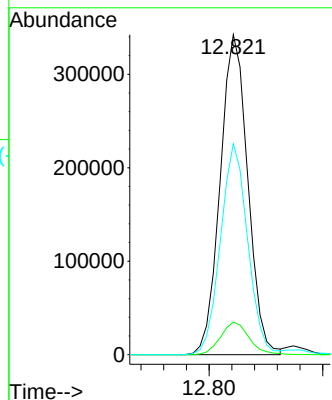
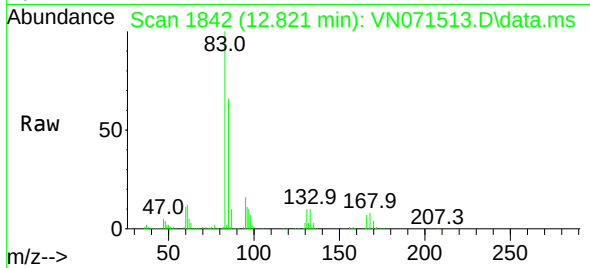




#71
1,1,2,2-Tetrachloroethane
Concen: 49.746 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

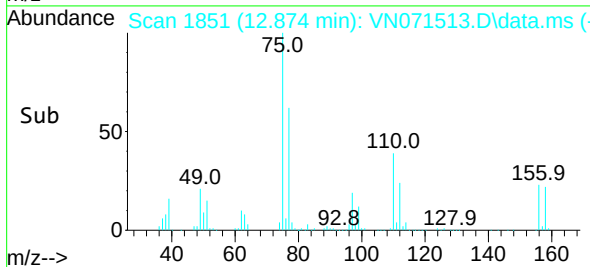
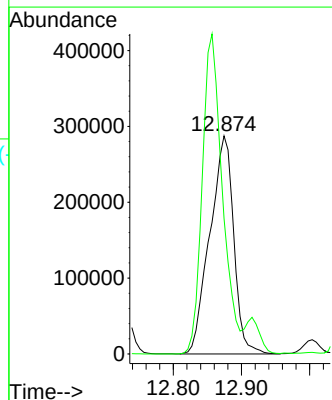
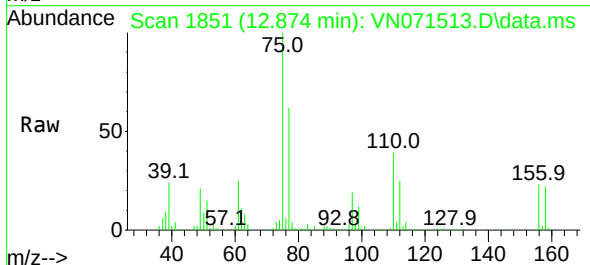
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

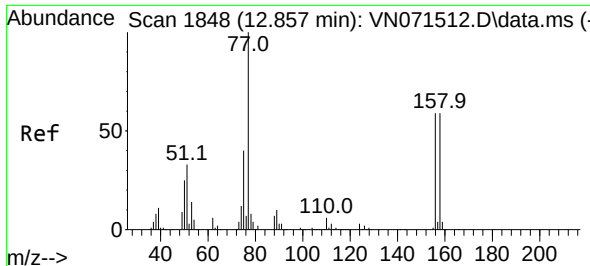
Tgt Ion: 83 Resp: 578153
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 64.8 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 65.667 ug/l
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 75 Resp: 701217
Ion Ratio Lower Upper
75 100
77 123.0 0.0 378.0

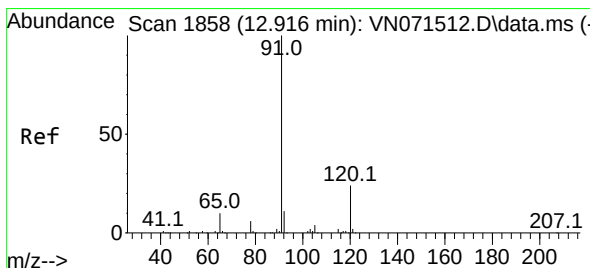
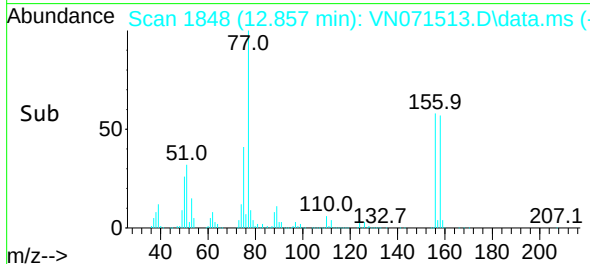
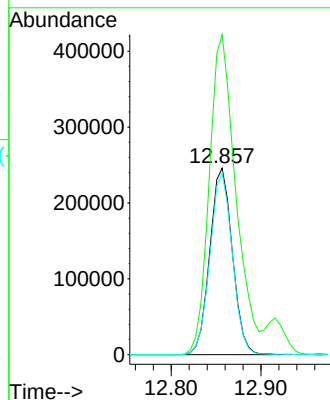
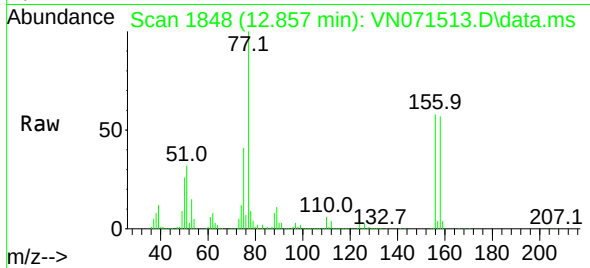




#73
Bromobenzene
Concen: 53.817 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

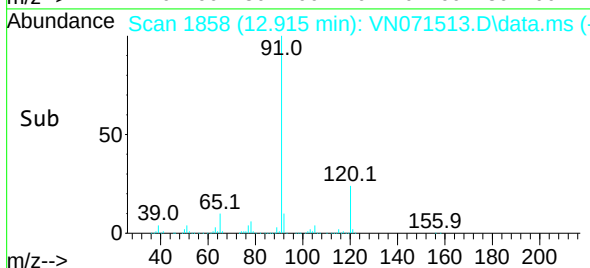
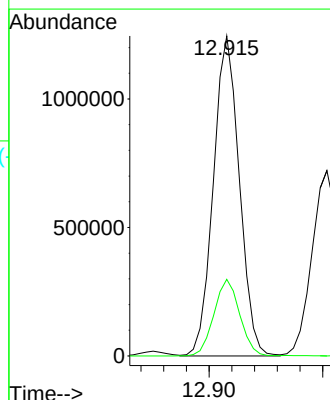
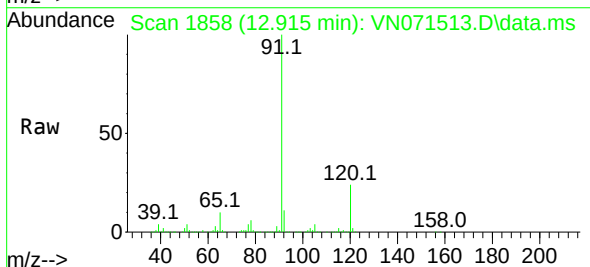
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

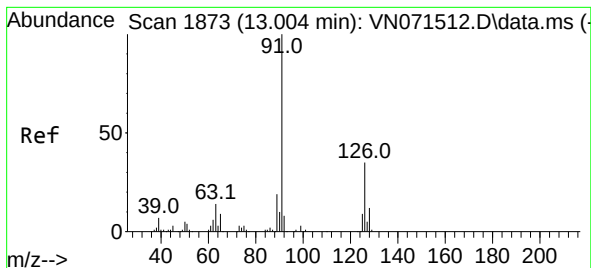
Tgt Ion:156 Resp: 429677
Ion Ratio Lower Upper
156 100
77 200.7 0.0 416.0
158 96.4 0.0 195.4



#74
n-propylbenzene
Concen: 53.159 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 91 Resp: 1978114
Ion Ratio Lower Upper
91 100
120 23.7 0.0 45.0





#75

2-Chlorotoluene

Concen: 51.460 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

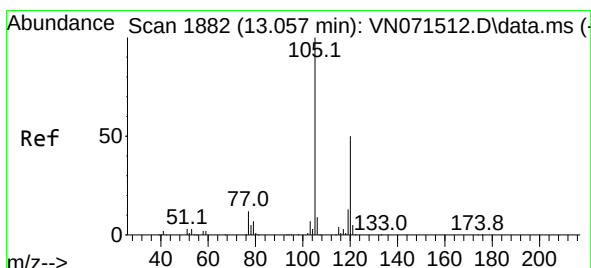
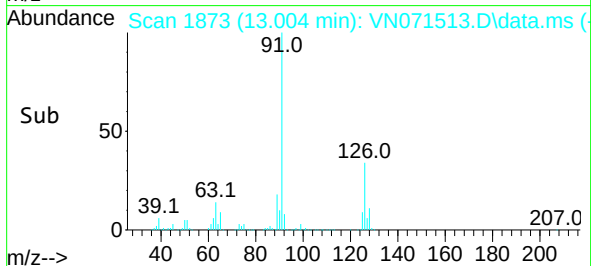
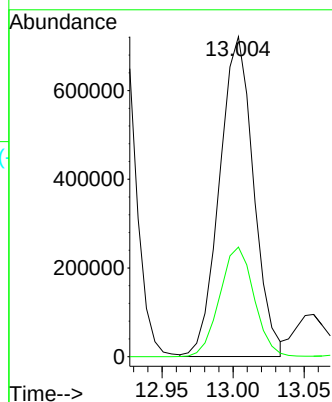
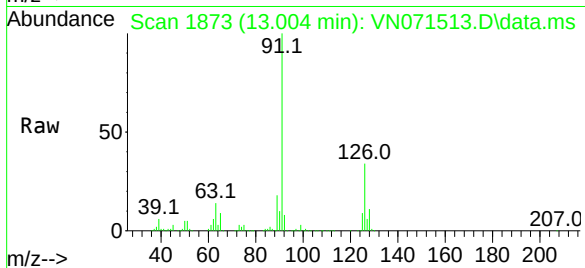
VSTDIC050

Tgt Ion: 91 Resp: 1202498

Ion Ratio Lower Upper

91 100

126 34.6 0.0 69.8



#76

1,3,5-Trimethylbenzene

Concen: 53.231 ug/l

RT: 13.057 min Scan# 1882

Delta R.T. -0.000 min

Lab File: VN071513.D

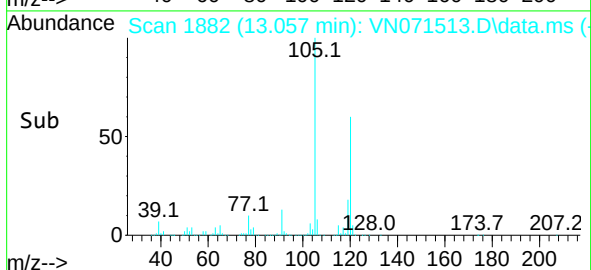
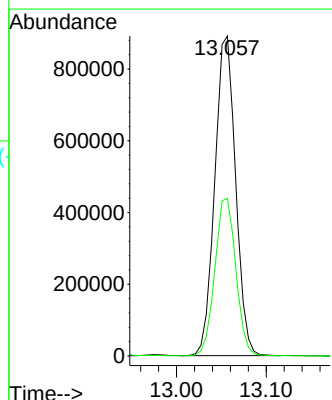
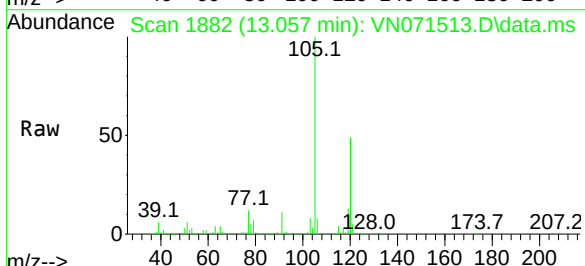
Acq: 24 Mar 2022 10:54

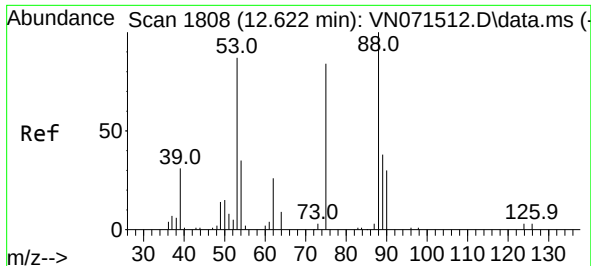
Tgt Ion:105 Resp: 1437478

Ion Ratio Lower Upper

105 100

120 49.8 0.0 93.8

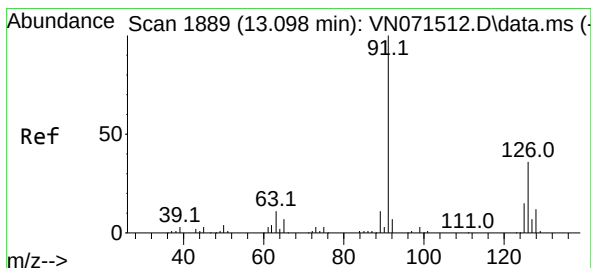
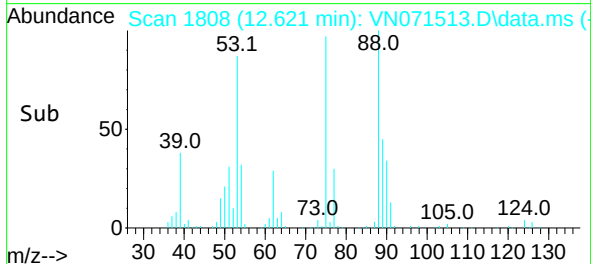
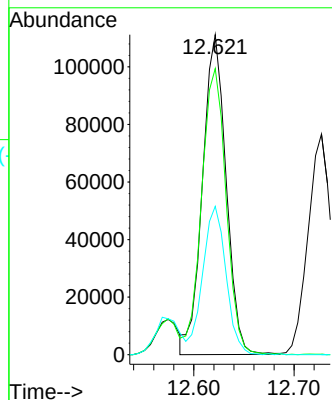
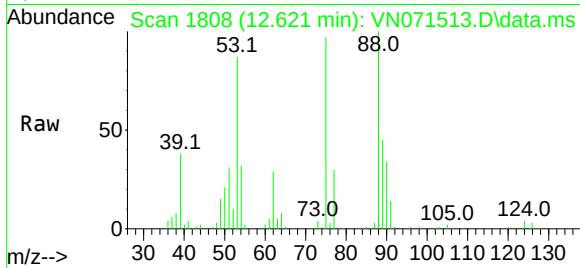




#77
t-1,4-Dichloro-2-butene
Concen: 52.485 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

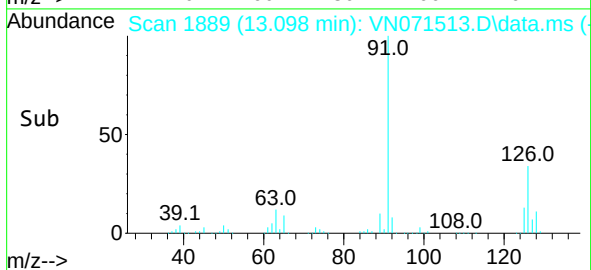
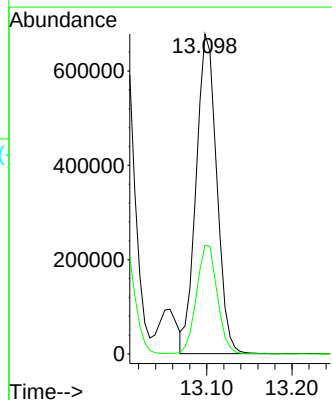
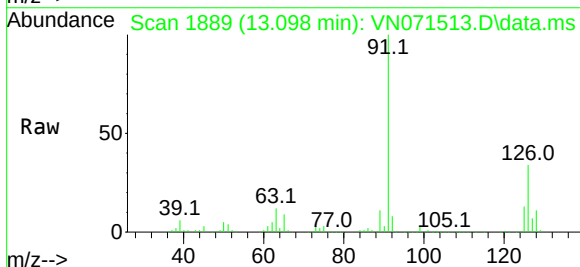
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

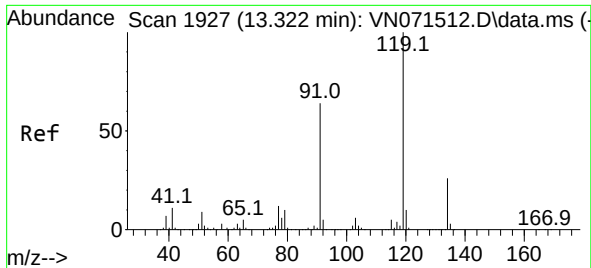
Tgt Ion: 75 Resp: 182085
Ion Ratio Lower Upper
75 100
53 89.5 51.8 155.5
89 46.3 22.9 68.7



#78
4-Chlorotoluene
Concen: 52.428 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 91 Resp: 1137183
Ion Ratio Lower Upper
91 100
126 34.5 0.0 70.6

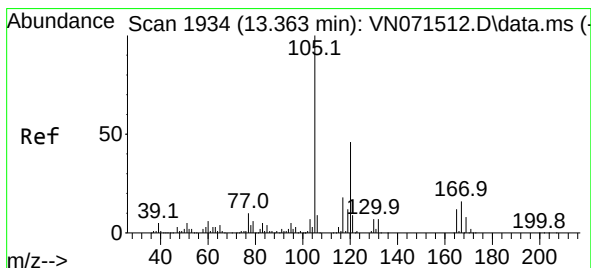
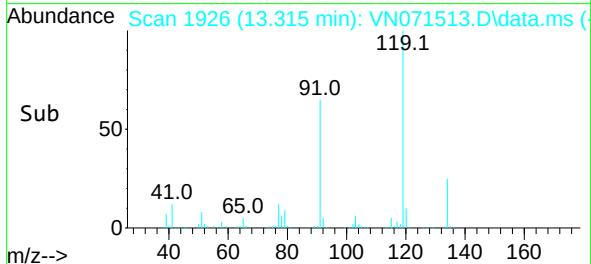
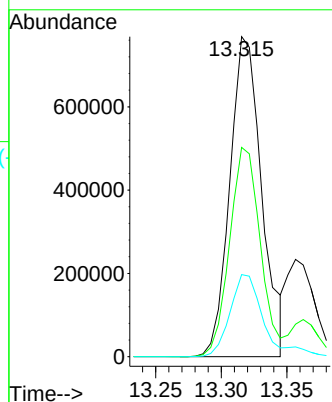
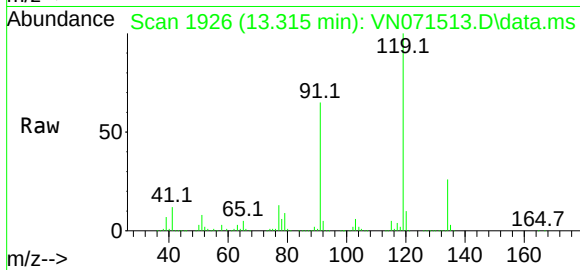




#79
tert-butylbenzene
Concen: 52.948 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

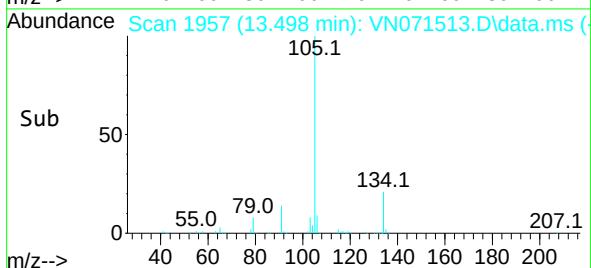
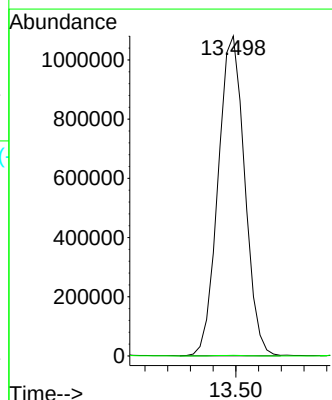
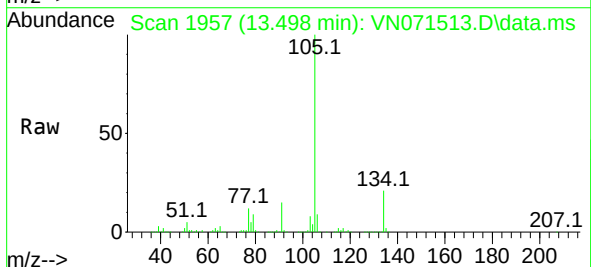
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

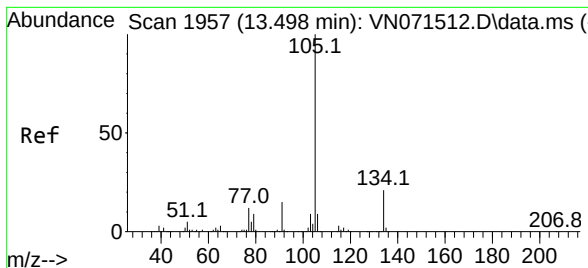
Tgt Ion:119 Resp: 1300655
Ion Ratio Lower Upper
119 100
91 63.0 0.0 137.0
134 24.9 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 67.434 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.135 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion:105 Resp: 1754673
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2

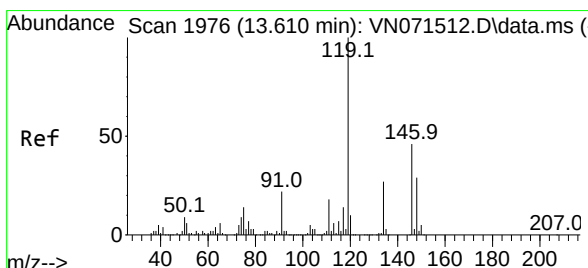
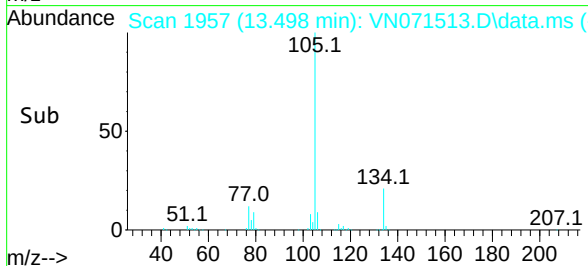
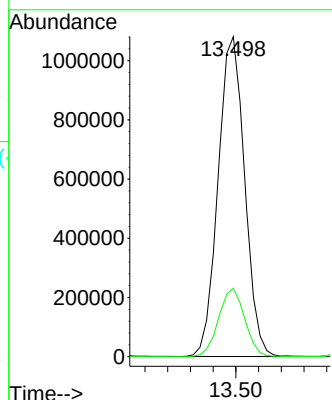
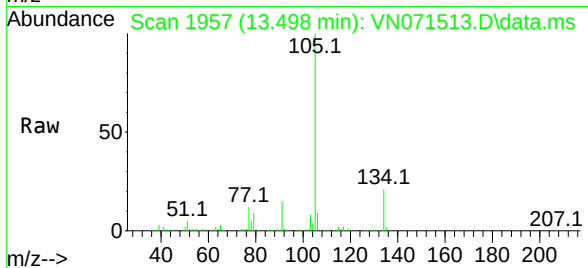




#81
 sec-Butylbenzene
 Concen: 53.489 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

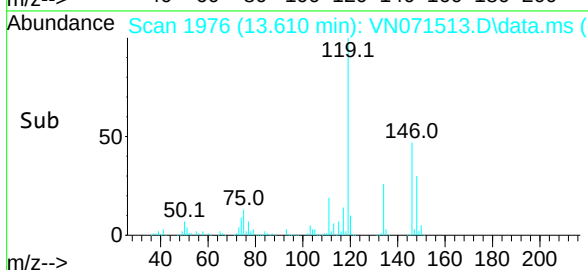
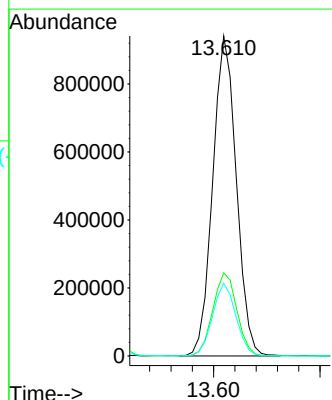
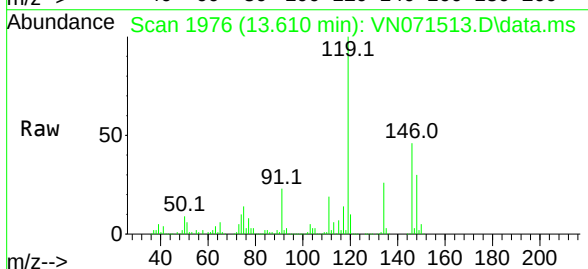
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

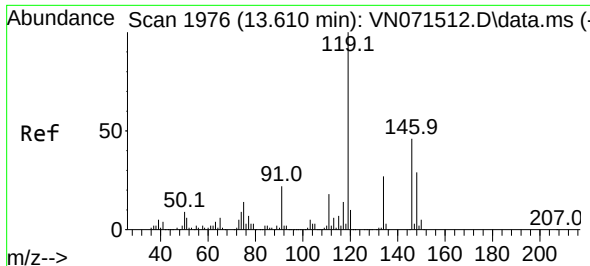
Tgt Ion:105 Resp: 1754673
 Ion Ratio Lower Upper
 105 100
 134 21.1 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 54.821 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071513.D
 Acq: 24 Mar 2022 10:54

Tgt Ion:119 Resp: 1443523
 Ion Ratio Lower Upper
 119 100
 134 26.6 0.0 51.8
 91 22.6 0.0 50.4

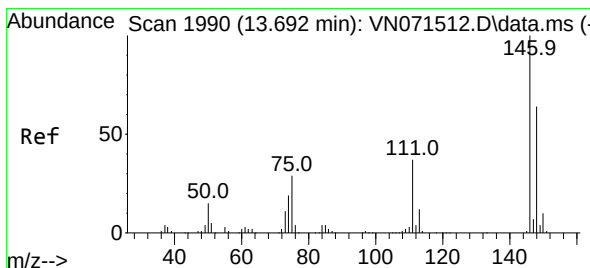
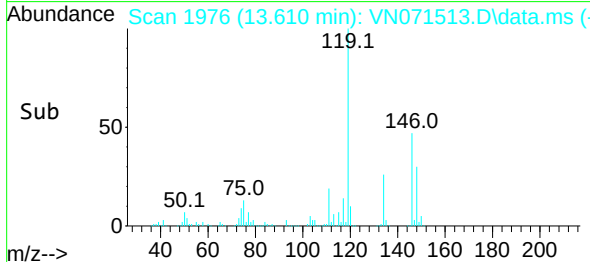
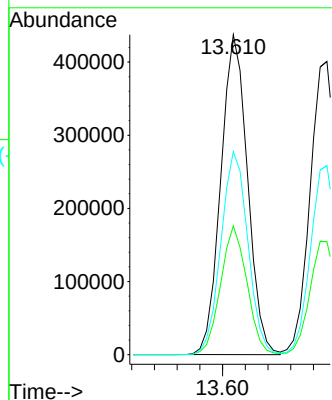
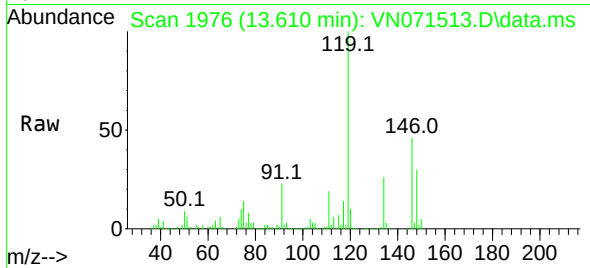




#83
1,3-Dichlorobenzene
Concen: 55.054 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

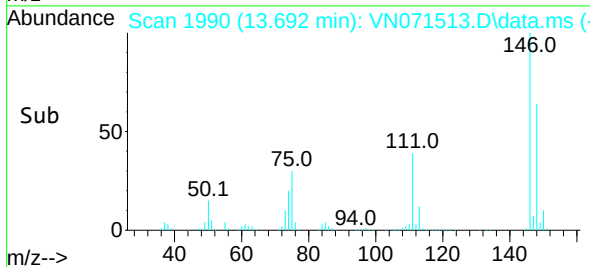
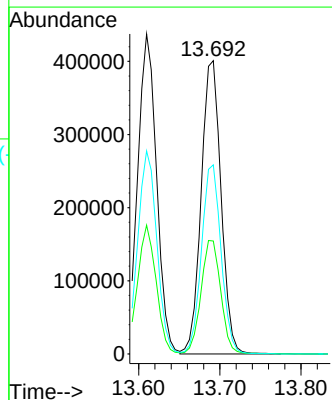
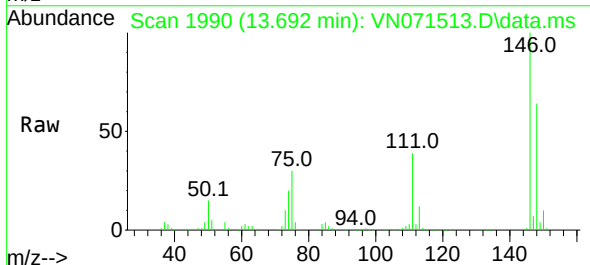
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

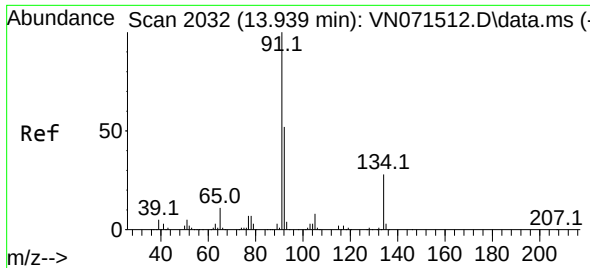
Tgt Ion:146 Resp: 715642
Ion Ratio Lower Upper
146 100
111 39.6 20.8 62.2
148 64.0 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 54.953 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion:146 Resp: 682129
Ion Ratio Lower Upper
146 100
111 38.4 19.5 58.5
148 63.8 31.1 93.5

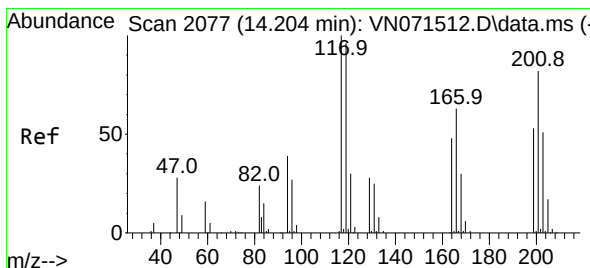
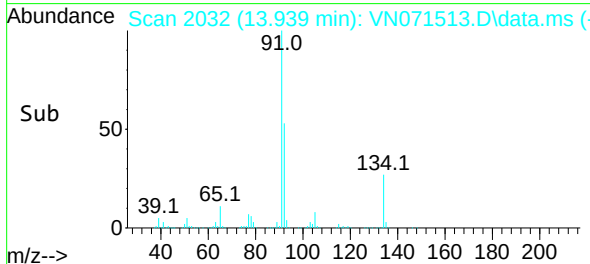
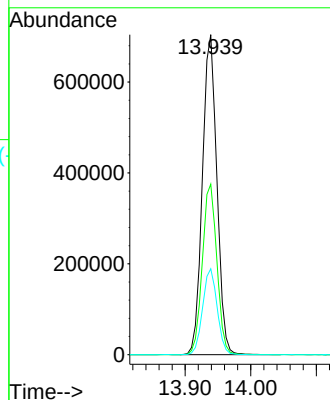
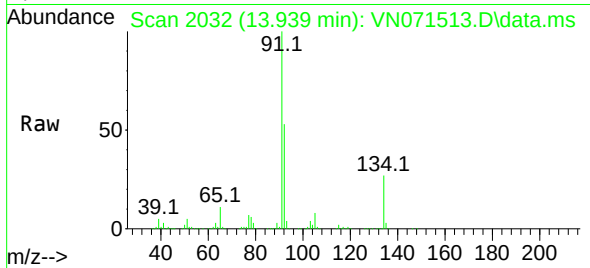




#85
n-Butylbenzene
Concen: 55.418 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

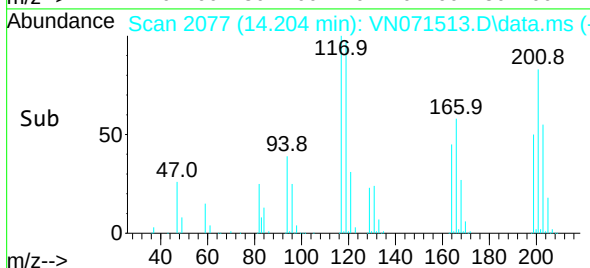
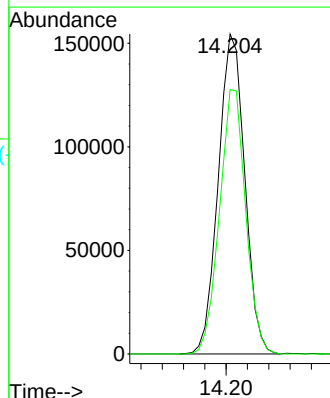
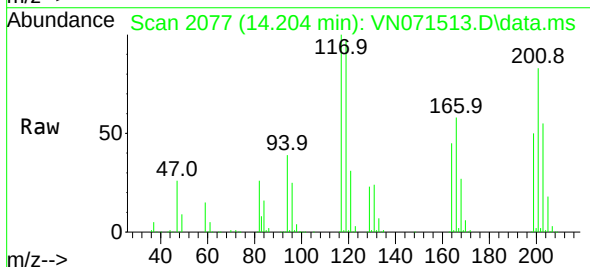
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

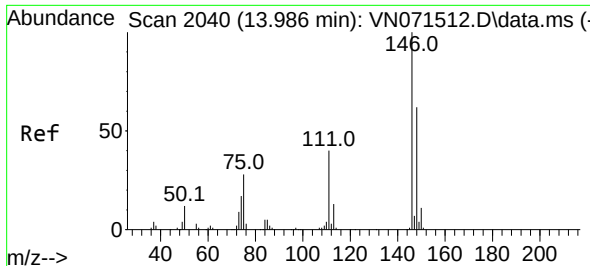
Tgt Ion: 91 Resp: 1084705
Ion Ratio Lower Upper
91 100
92 53.2 0.0 100.6
134 26.9 0.0 50.2



#86
Hexachloroethane
Concen: 52.940 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion: 117 Resp: 266298
Ion Ratio Lower Upper
117 100
201 81.9 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 54.918 ug/l

RT: 13.986 min Scan# 2040

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

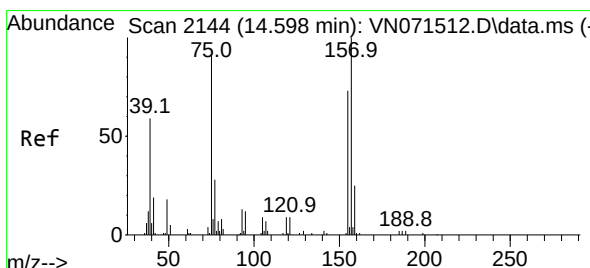
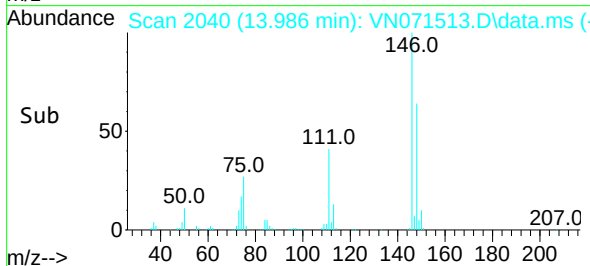
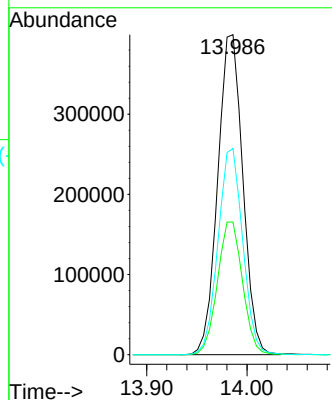
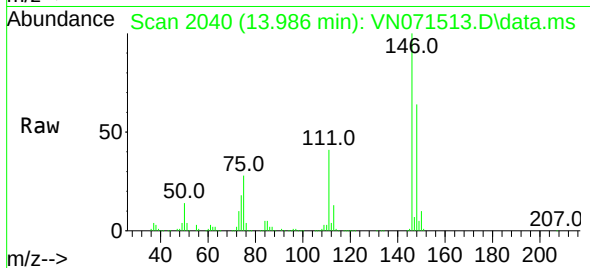
Tgt Ion:146 Resp: 694933

Ion Ratio Lower Upper

146 100

111 41.5 21.4 64.2

148 63.5 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 48.309 ug/l

RT: 14.598 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

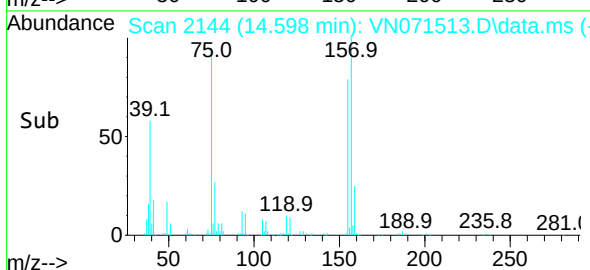
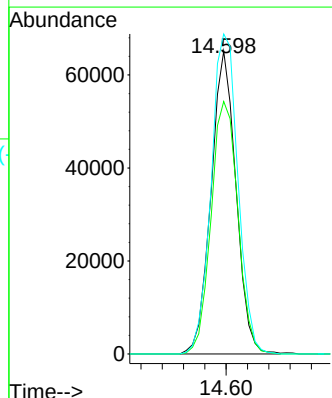
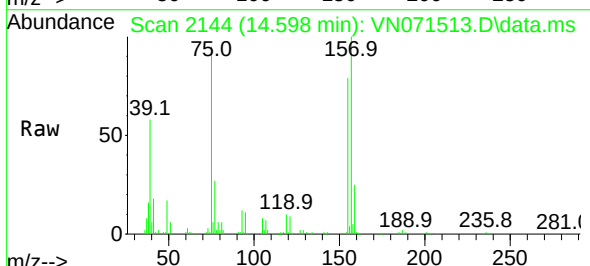
Tgt Ion: 75 Resp: 105552

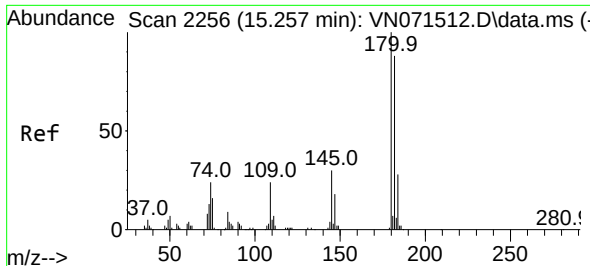
Ion Ratio Lower Upper

75 100

155 89.4 63.8 95.8

157 113.6 77.9 116.9

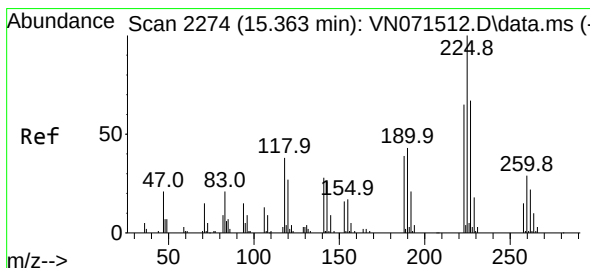
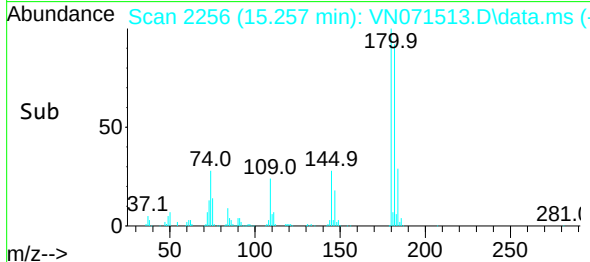
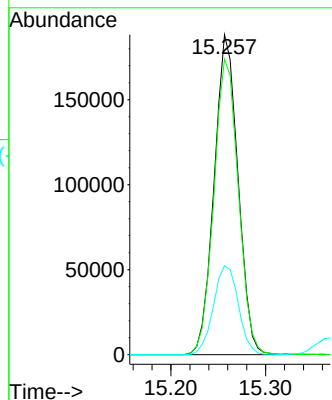
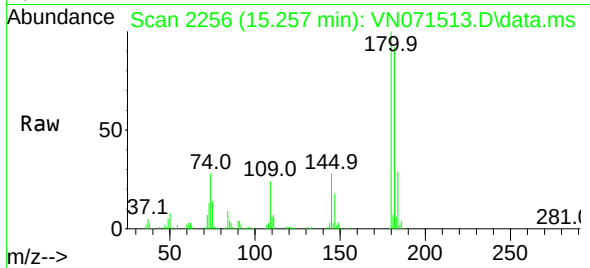




#89
1,2,4-Trichlorobenzene
Concen: 56.549 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

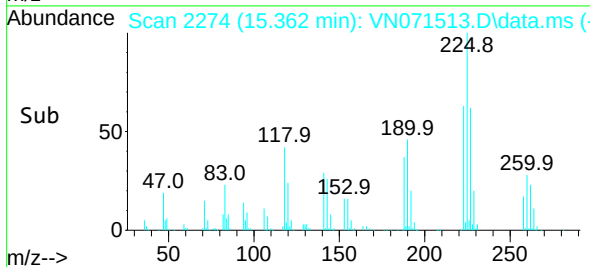
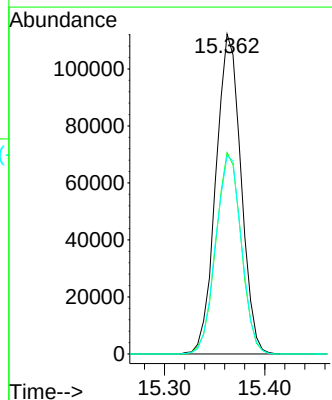
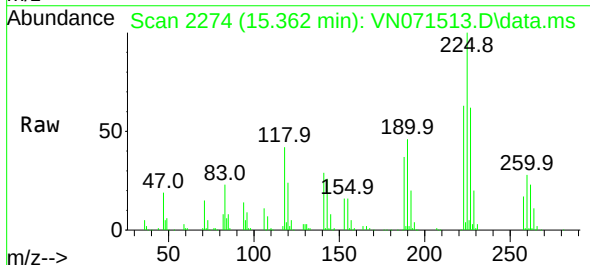
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

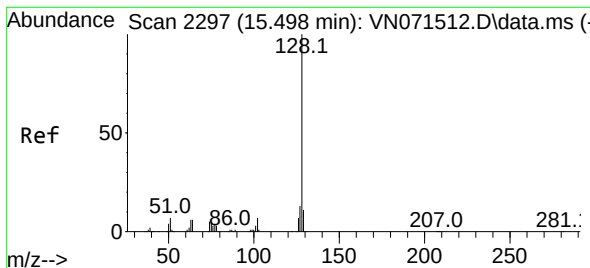
Tgt Ion:180 Resp: 328953
Ion Ratio Lower Upper
180 100
182 95.0 77.7 116.5
145 29.2 26.6 39.8



#90
Hexachlorobutadiene
Concen: 58.517 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN071513.D
Acq: 24 Mar 2022 10:54

Tgt Ion:225 Resp: 195468
Ion Ratio Lower Upper
225 100
223 63.2 0.0 126.8
227 63.6 0.0 123.0





#91

Naphthalene

Concen: 54.004 ug/l

RT: 15.498 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

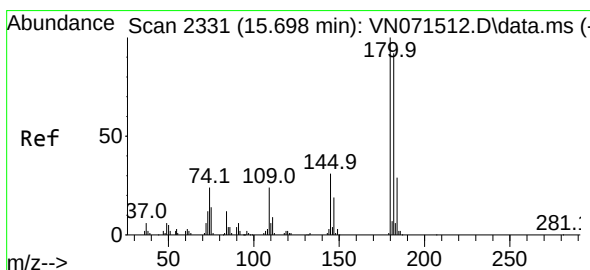
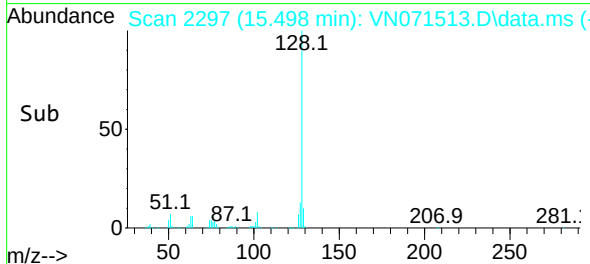
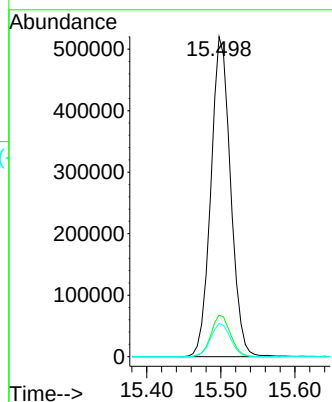
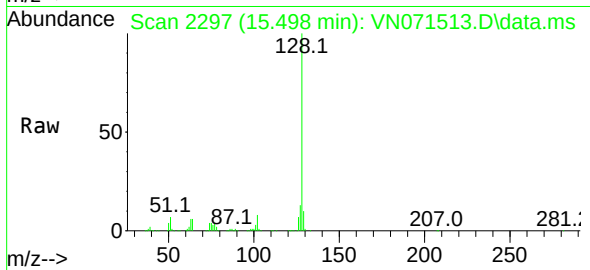
Tgt Ion:128 Resp: 959916

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 10.5 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 55.311 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. -0.000 min

Lab File: VN071513.D

Acq: 24 Mar 2022 10:54

Tgt Ion:180 Resp: 327315

Ion Ratio Lower Upper

180 100

182 95.3 0.0 190.0

145 30.7 0.0 67.8

