

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073065.D
 Acq On : 23 Jun 2022 23:09
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Jun 24 04:20:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:19:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.587	128	43457	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.904	114	257175	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.680	117	228172	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.369	65	131245	27.402	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	91.333%
60) 4-Bromofluorobenzene	12.669	95	122382	26.447	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	88.167%
63) Toluene-d8	10.375	98	378527	30.179	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.052	85	13360	4.003	ug/l	97
3) Chloromethane	2.269	50	15465	4.414	ug/l	92
4) Vinyl Chloride	2.410	62	13122	4.152	ug/l	97
5) Bromomethane	2.799	94	5709	3.635	ug/l	88
6) Chloroethane	2.957	64	9223	4.485	ug/l	93
7) Trichlorofluoromethane	3.322	101	24749	4.370	ug/l	90
8) Diethyl Ether	3.775	74	9722	4.360	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.140	101	13977	4.635	ug/l #	52
10) 1,1-Dichloroethene	4.116	96	13636	4.688	ug/l	96
11) Methyl Iodide	4.351	142	8822	3.156	ug/l	93
12) Methyl Acetate	4.787	43	35041	5.833	ug/l	91
13) Acrolein	3.987	56	14343	25.980	ug/l	99
14) Acrylonitrile	5.475	53	57685	24.013	ug/l	96
15) Acetone	4.234	58	15344	23.329	ug/l	97
16) Carbon Disulfide	4.463	76	35731	4.831	ug/l #	94
17) Allyl chloride	4.763	41	27673	4.565	ug/l	86
18) Methylene Chloride	5.004	84	7980	2.227	ug/l #	81
19) trans-1,2-Dichloroethene	5.510	96	10328	3.332	ug/l	96
20) Diisopropyl ether	6.416	45	57137	4.716	ug/l #	93
21) 1,1-Dichloroethane	6.310	63	31250	4.660	ug/l	99
22) cis-1,2-Dichloroethene	7.245	96	18844	4.905	ug/l	95
23) tert-Butyl Alcohol	5.287	59	24554	22.789	ug/l #	100
24) Methyl tert-Butyl Ether	5.540	73	53622	4.319	ug/l	98
25) Chloroform	7.745	83	29963	4.382	ug/l	98
26) Cyclohexane	8.022	56	26924	4.776	ug/l #	92
29) 1,1-Dichloropropene	8.145	75	21169	4.355	ug/l #	59
30) 2-Butanone	7.263	43	84085	23.535	ug/l #	95
31) 2,2-Dichloropropane	7.245	77	12467	2.148	ug/l #	77
32) 1,1,1-Trichloroethane	7.945	97	26250	4.187	ug/l	97
33) Carbon Tetrachloride	8.128	117	21607	4.004	ug/l #	89
34) Benzene	8.386	78	67525	4.628	ug/l #	64
35) Methacrylonitrile	7.569	41	15225	4.377	ug/l	80
36) 1,2-Dichloroethane	8.463	62	25558	4.279	ug/l #	91
37) Trichloroethene	9.151	130	17273	4.908	ug/l	87
38) Methylcyclohexane	9.392	83	24374	4.187	ug/l	90
39) 1,2-Dichloropropane	9.422	63	17886	4.528	ug/l	91
40) Dibromomethane	9.516	93	12142	4.481	ug/l	95
41) Bromodichloromethane	9.698	83	23770	4.188	ug/l #	91
42) Vinyl Acetate	6.351	43	247946	21.645	ug/l	99

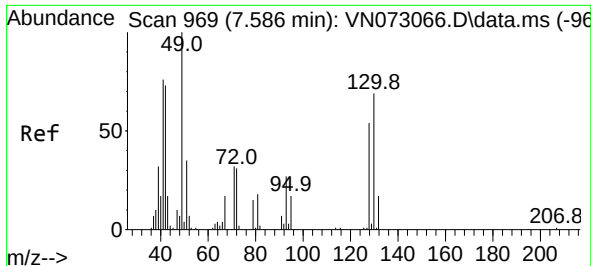
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
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Quant Time: Jun 24 04:20:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062322W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 24 04:19:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.340	43	25492	3.707	ug/l #	84
44) Isopropyl Acetate	8.498	43	47984	4.327	ug/l	99
45) 1,4-Dioxane	9.510	88	8861	96.063	ug/l	97
46) Methyl methacrylate	9.498	41	21891	4.393	ug/l	81
47) n-amyl Acetate	12.322	43	34962	4.053	ug/l	100
48) t-1,3-Dichloropropene	10.657	75	19679	3.120	ug/l	90
49) cis-1,3-Dichloropropene	10.128	75	22649	3.497	ug/l	95
50) 1,1,2-Trichloroethane	10.833	97	17673	4.617	ug/l	92
51) Ethyl methacrylate	10.698	69	26537	3.867	ug/l	94
52) 1,3-Dichloropropane	10.980	76	29730	4.412	ug/l	99
53) Dibromochloromethane	11.175	129	17151	4.130	ug/l	94
54) 1,2-Dibromoethane	11.280	107	17491	4.346	ug/l	97
55) 2-Chloroethyl vinyl ether	9.980	63	55800	20.030	ug/l	98
56) Bromoform	12.398	173	12255	4.193	ug/l #	96
58) 4-Methyl-2-Pentanone	10.269	43	158585	23.232	ug/l	96
59) 2-Hexanone	11.022	43	116730	22.485	ug/l	99
61) Tetrachloroethene	10.916	164	14043	4.948	ug/l #	79
62) Toluene	10.439	91	71676	4.631	ug/l	97
64) Chlorobenzene	11.704	112	43008	4.582	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.780	131	16688	4.585	ug/l	96
66) Ethyl Benzene	11.780	91	76726	4.373	ug/l	93
67) m/p-Xylenes	11.886	106	57677	8.928	ug/l	98
68) o-Xylene	12.216	106	28989	4.417	ug/l	95
69) Styrene	12.233	104	42374	4.031	ug/l	97
70) Isopropylbenzene	12.516	105	71158	4.159	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.763	83	27502	4.747	ug/l	96
72) 1,2,3-Trichloropropane	12.822	75	31563	6.496	ug/l	54
73) Bromobenzene	12.798	156	17327	4.860	ug/l	93
74) n-propylbenzene	12.857	91	76700	3.921	ug/l	99
75) 2-Chlorotoluene	12.945	91	51398	4.221	ug/l	97
76) 1,3,5-Trimethylbenzene	12.998	105	59552	4.230	ug/l	99
77) t-1,4-Dichloro-2-butene	12.563	75	5445	2.734	ug/l	91
78) 4-Chlorotoluene	13.039	91	47342	4.111	ug/l	93
79) tert-butylbenzene	13.257	119	52016	4.152	ug/l	98
80) 1,2,4-Trimethylbenzene	13.304	105	57485	3.490	ug/l #	81
81) sec-Butylbenzene	13.433	105	65584	3.861	ug/l	100
82) p-Isopropyltoluene	13.551	119	52214	3.822	ug/l	99
83) 1,3-Dichlorobenzene	13.545	146	28617	4.532	ug/l	99
84) 1,4-Dichlorobenzene	13.627	146	27328	4.445	ug/l	96
85) n-Butylbenzene	13.874	91	38699	3.393	ug/l	98
86) Hexachloroethane	14.145	117	10841	3.725	ug/l	97
87) 1,2-Dichlorobenzene	13.921	146	31305	4.969	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.533	75	6146	4.215	ug/l	98
89) 1,2,4-Trichlorobenzene	15.192	180	13303	4.180	ug/l	98
90) Hexachlorobutadiene	15.298	225	6158	4.454	ug/l	99
91) Naphthalene	15.433	128	55120	4.325	ug/l	99
92) 1,2,3-Trichlorobenzene	15.621	180	14246	4.375	ug/l	99

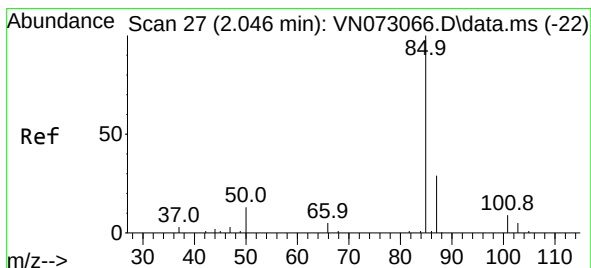
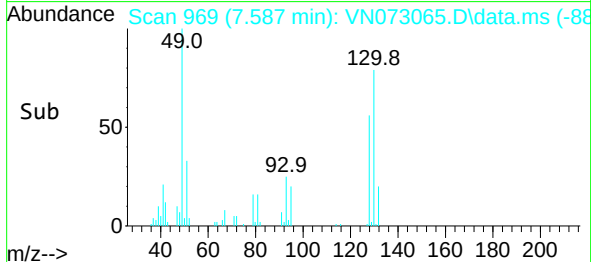
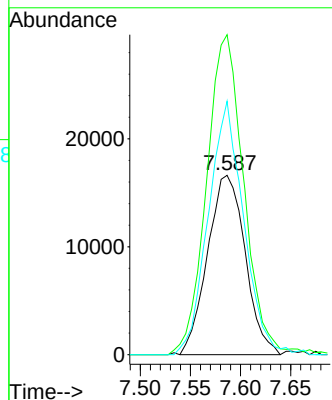
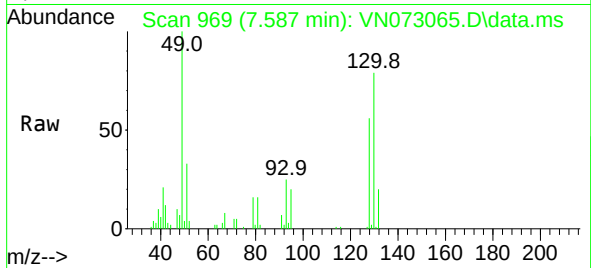
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.587 min Scan# 90
Delta R.T. 0.001 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

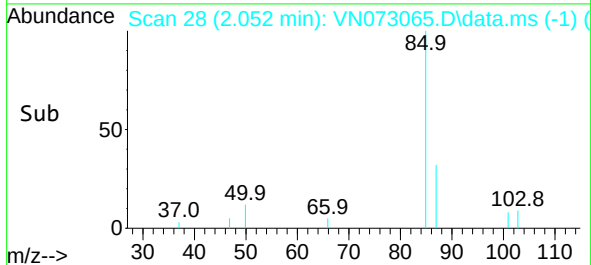
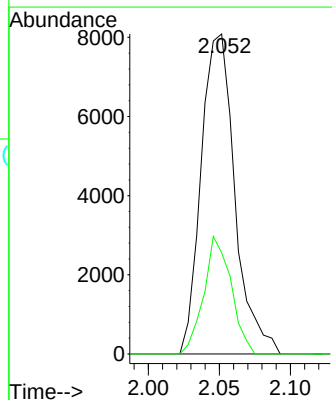
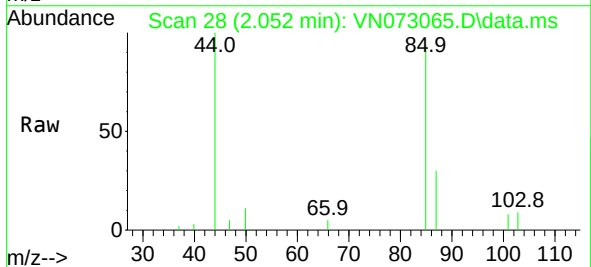
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

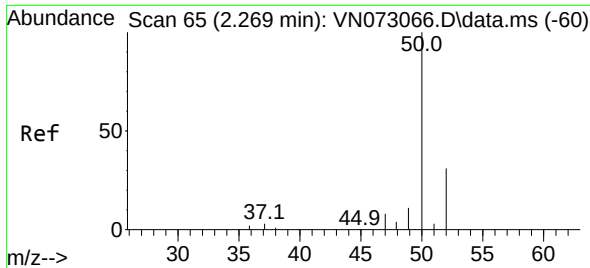
Tgt Ion:128 Resp: 43457
Ion Ratio Lower Upper
128 100
49 174.8 0.0 392.3
130 131.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 4.003 ug/l
RT: 2.052 min Scan# 28
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 85 Resp: 13360
Ion Ratio Lower Upper
85 100
87 31.6 16.6 49.7

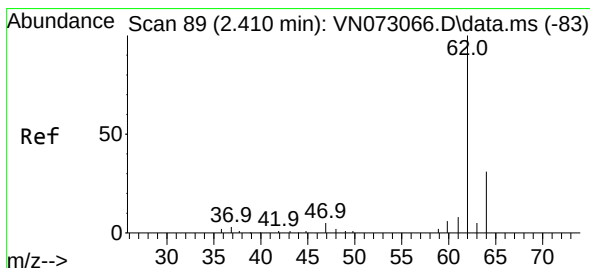
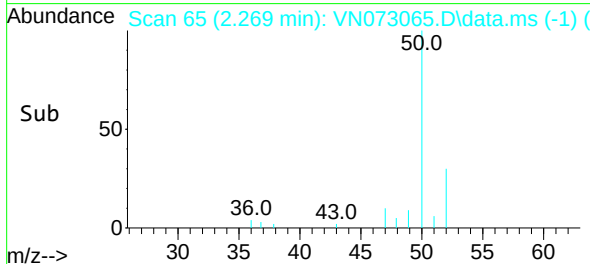
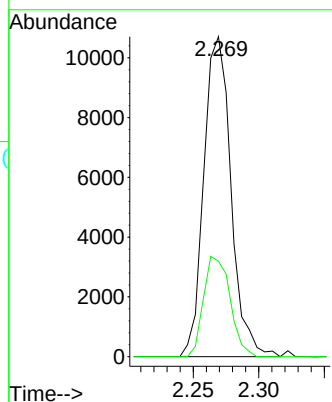
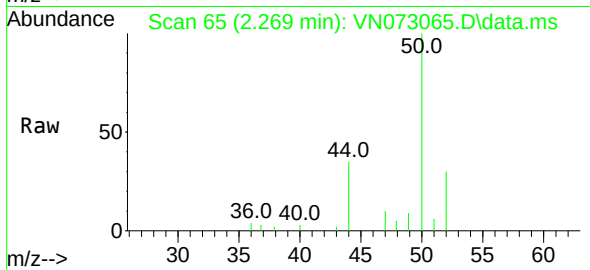




#3
Chloromethane
Concen: 4.414 ug/l
RT: 2.269 min Scan# 65
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

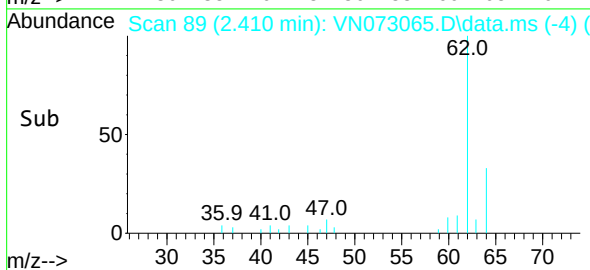
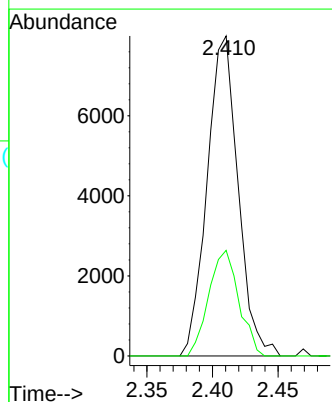
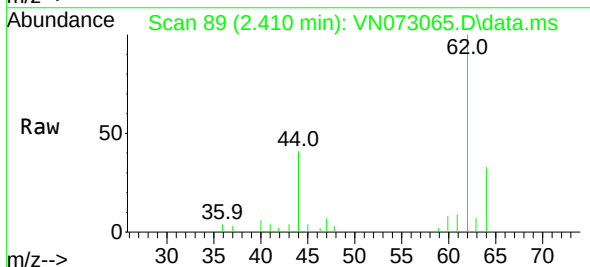
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ClientSampleId :
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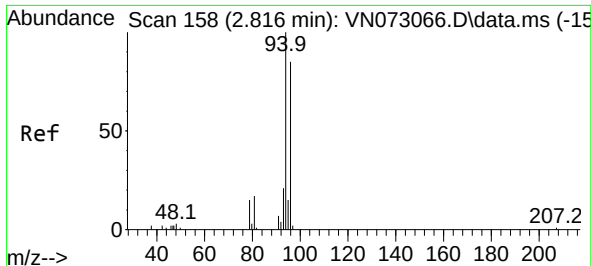
Tgt Ion: 50 Resp: 15465
Ion Ratio Lower Upper
50 100
52 29.9 27.8 41.6



#4
Vinyl Chloride
Concen: 4.152 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 62 Resp: 13122
Ion Ratio Lower Upper
62 100
64 33.0 25.1 37.7

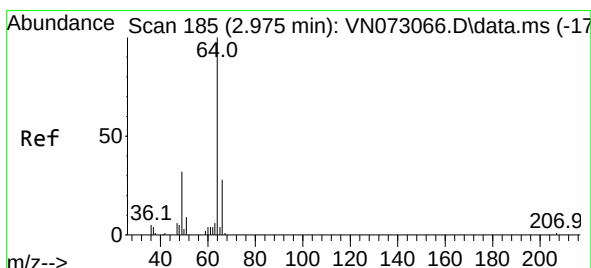
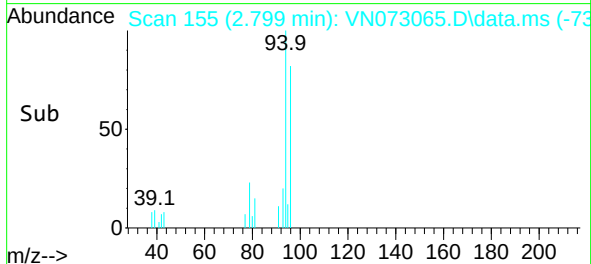
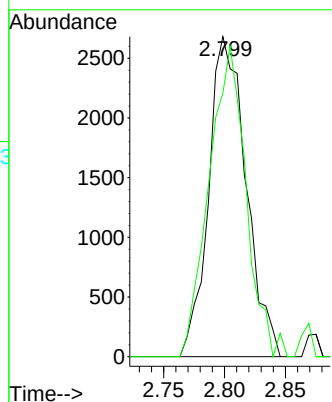
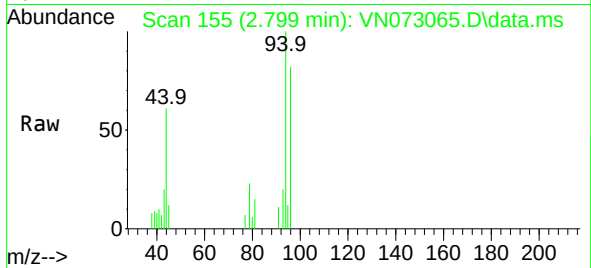




#5
Bromomethane
Concen: 3.635 ug/l
RT: 2.799 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

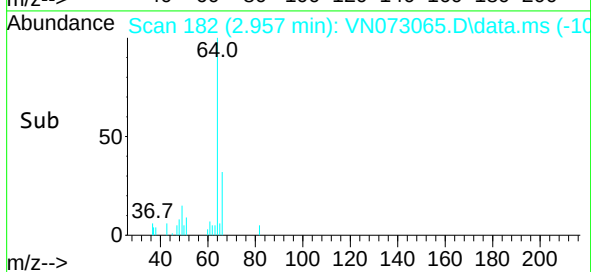
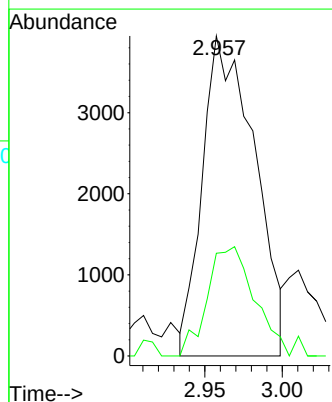
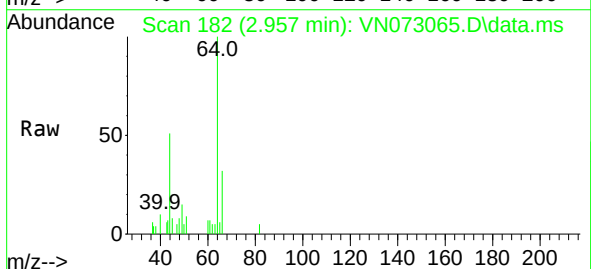
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ClientSampleId :
VSTDIC005

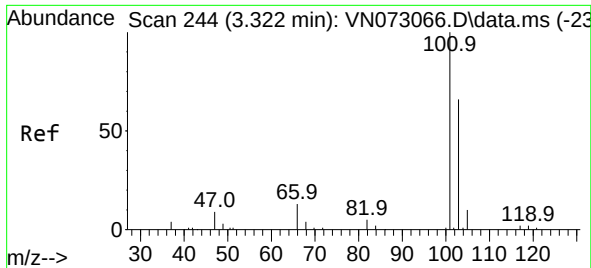
Tgt Ion: 94 Resp: 5709
Ion Ratio Lower Upper
94 100
96 82.4 75.2 112.8



#6
Chloroethane
Concen: 4.485 ug/l
RT: 2.957 min Scan# 182
Delta R.T. -0.018 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 64 Resp: 9223
Ion Ratio Lower Upper
64 100
66 34.6 24.6 36.8

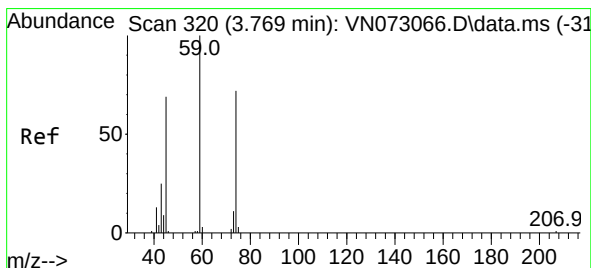
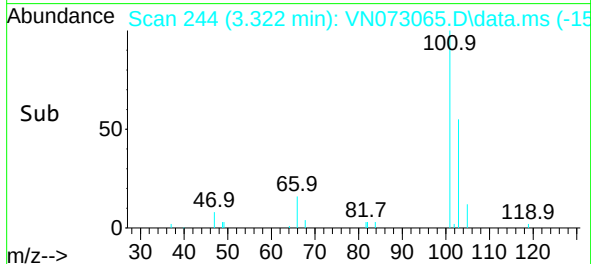
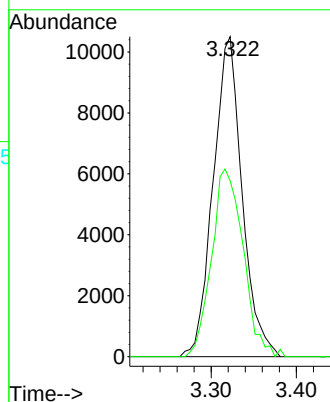
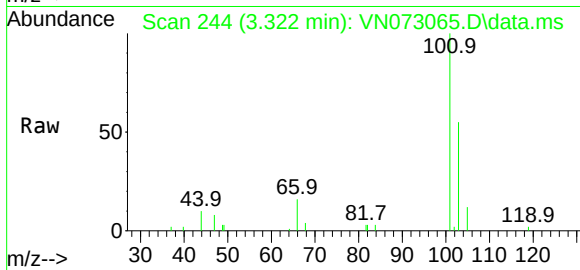




#7
 Trichlorofluoromethane
 Concen: 4.370 ug/l
 RT: 3.322 min Scan# 244
 Delta R.T. 0.000 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

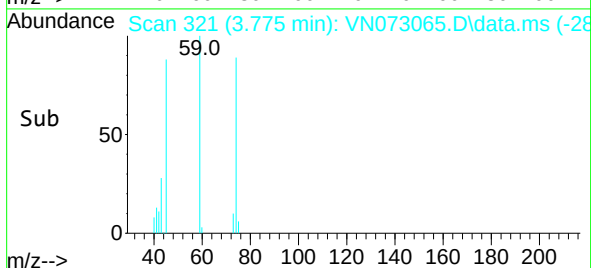
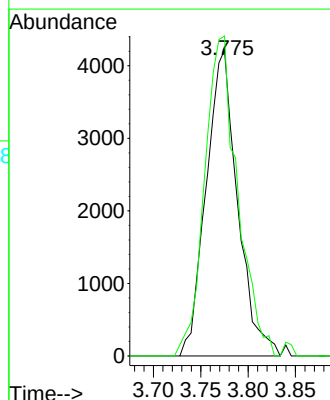
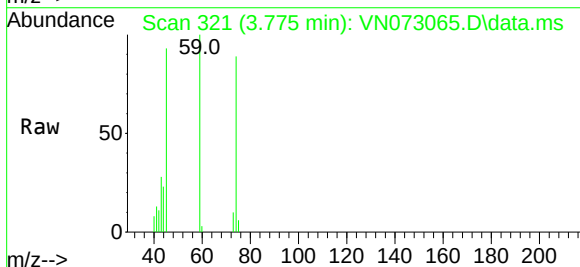
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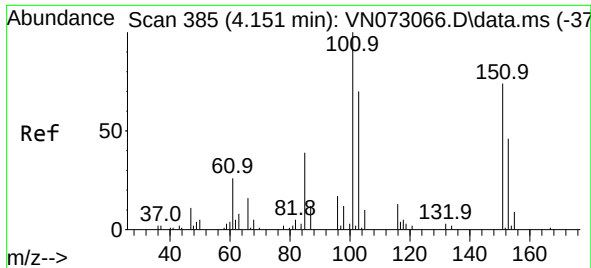
Tgt Ion:101 Resp: 24749
 Ion Ratio Lower Upper
 101 100
 103 55.0 50.1 75.1



#8
 Diethyl Ether
 Concen: 4.360 ug/l
 RT: 3.775 min Scan# 321
 Delta R.T. 0.006 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

Tgt Ion: 74 Resp: 9722
 Ion Ratio Lower Upper
 74 100
 45 109.9 17.6 158.8

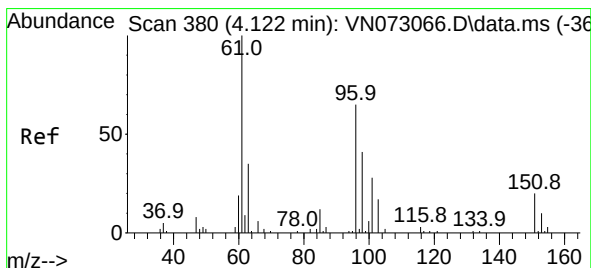
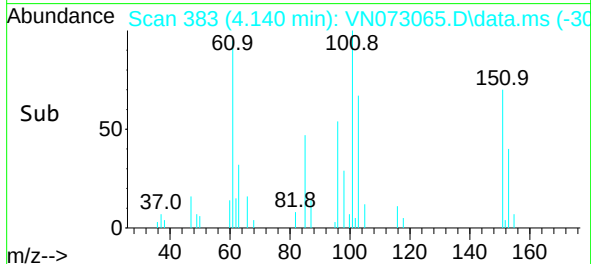
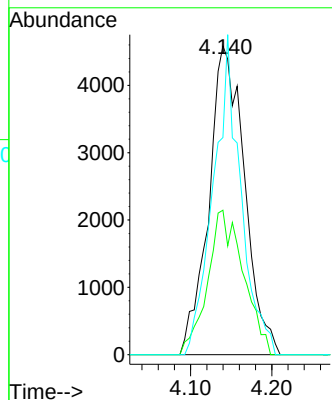
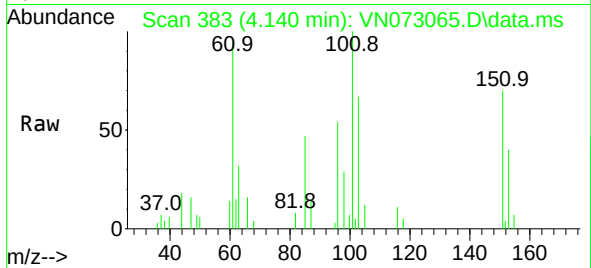




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 4.635 ug/l
 RT: 4.140 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

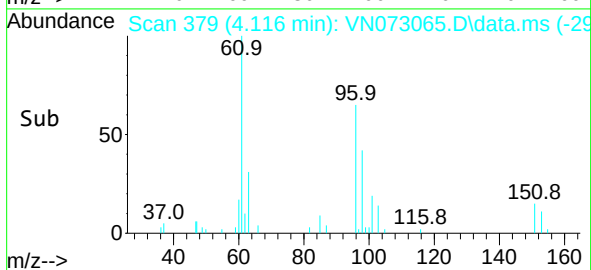
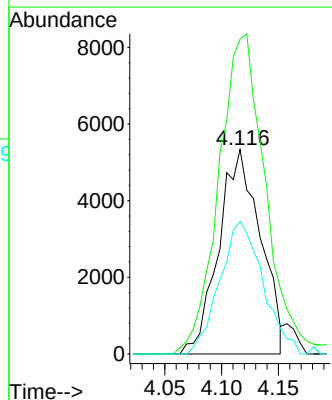
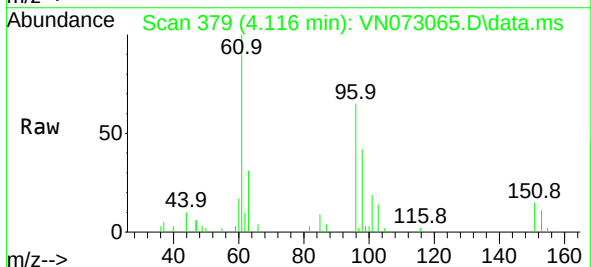
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 ClientSampleId :
 VSTDIC005

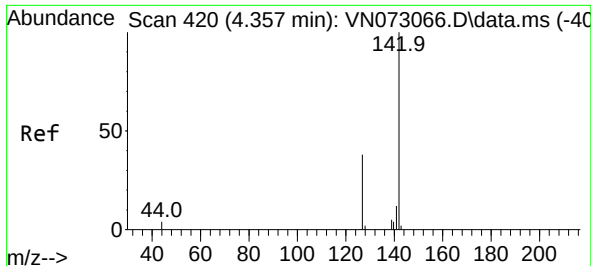
Tgt Ion:101 Resp: 13977
 Ion Ratio Lower Upper
 101 100
 85 27.0 0.0 94.0
 151 79.4 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 4.688 ug/l
 RT: 4.116 min Scan# 379
 Delta R.T. -0.006 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

Tgt Ion: 96 Resp: 13636
 Ion Ratio Lower Upper
 96 100
 61 151.1 126.2 189.4
 98 64.8 50.9 76.3

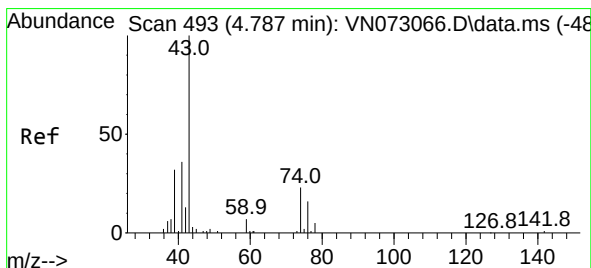
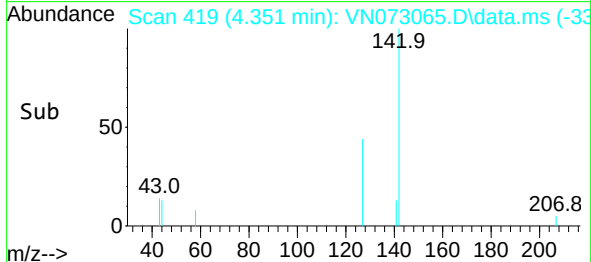
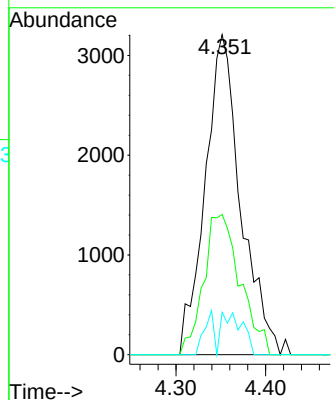
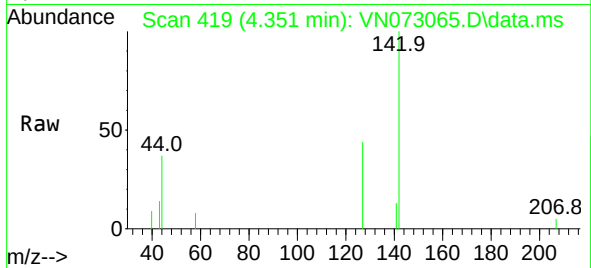




#11
Methyl Iodide
Concen: 3.156 ug/l
RT: 4.351 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

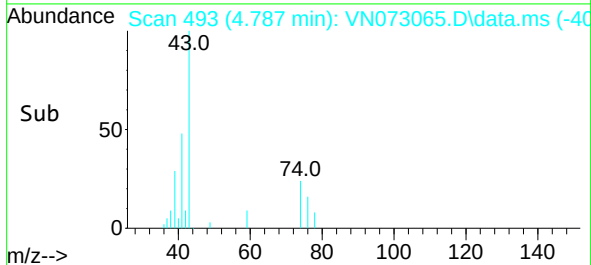
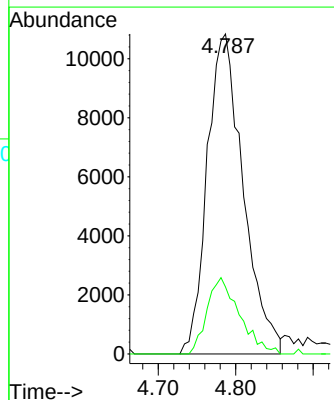
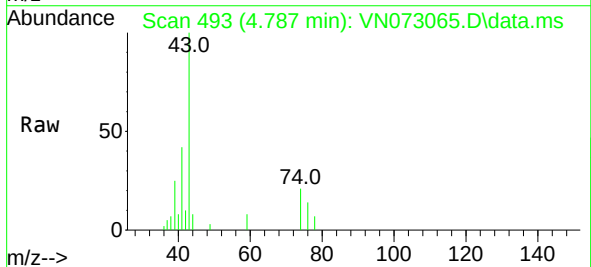
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

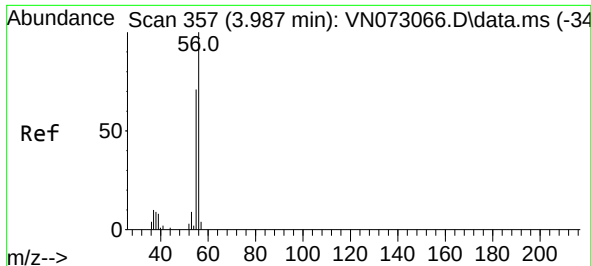
Tgt Ion:142 Resp: 8822
Ion Ratio Lower Upper
142 100
127 43.8 24.0 72.0
141 13.2 8.4 25.2



#12
Methyl Acetate
Concen: 5.833 ug/l
RT: 4.787 min Scan# 493
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 43 Resp: 35041
Ion Ratio Lower Upper
43 100
74 21.5 20.8 31.2

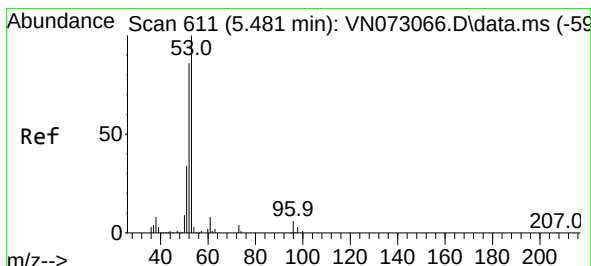
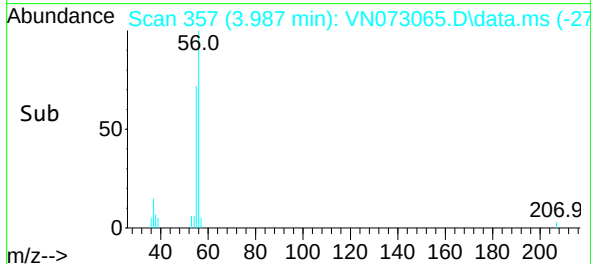
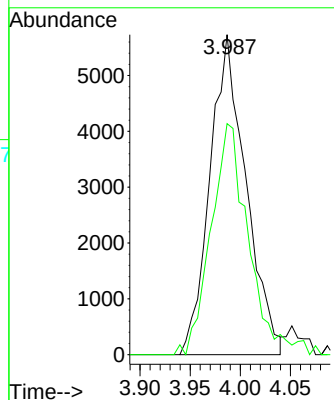
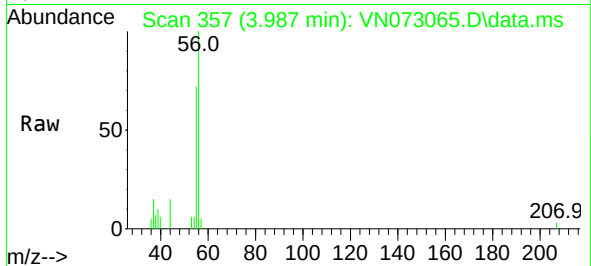




#13
Acrolein
Concen: 25.980 ug/l
RT: 3.987 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

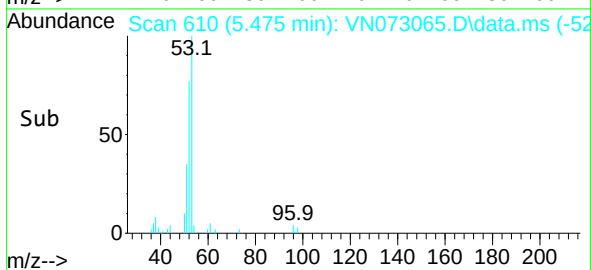
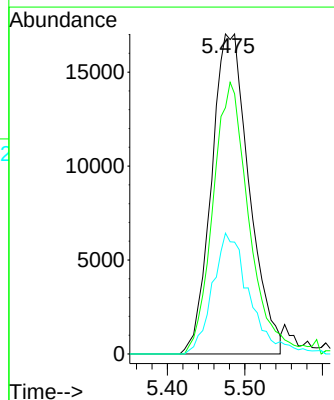
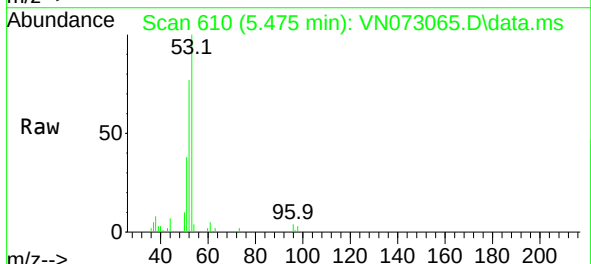
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

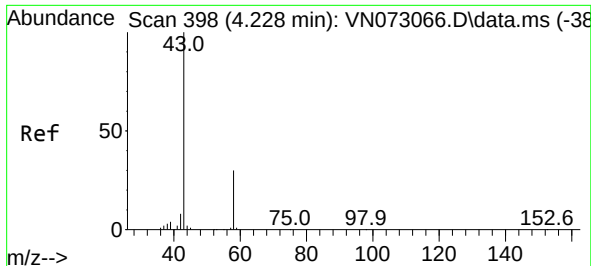
Tgt Ion: 56 Resp: 14343
Ion Ratio Lower Upper
56 100
55 71.3 57.6 86.4



#14
Acrylonitrile
Concen: 24.013 ug/l
RT: 5.475 min Scan# 610
Delta R.T. -0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 53 Resp: 57685
Ion Ratio Lower Upper
53 100
52 80.5 41.8 125.4
51 35.2 19.0 57.0

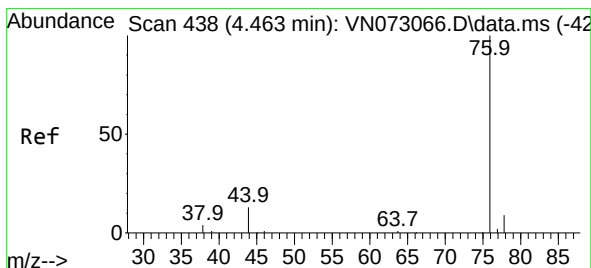
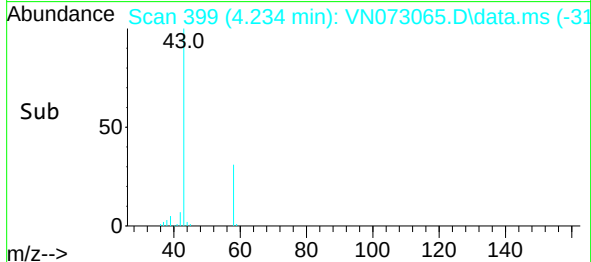
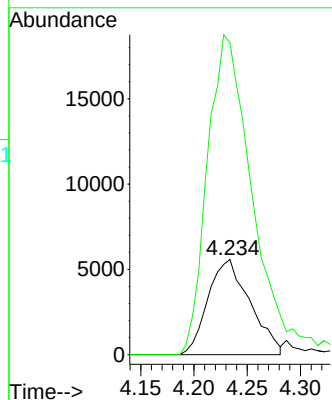
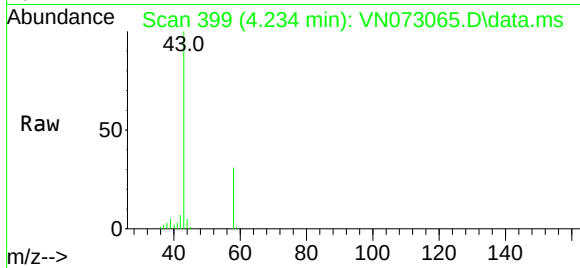




#15
Acetone
Concen: 23.329 ug/l
RT: 4.234 min Scan# 399
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

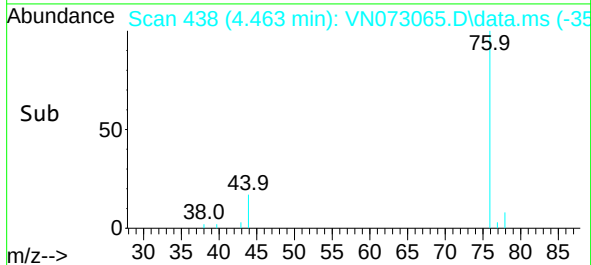
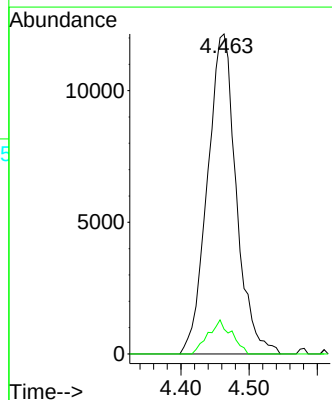
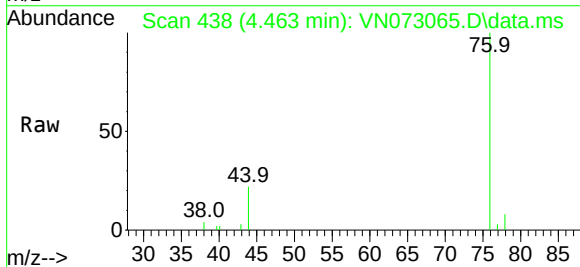
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

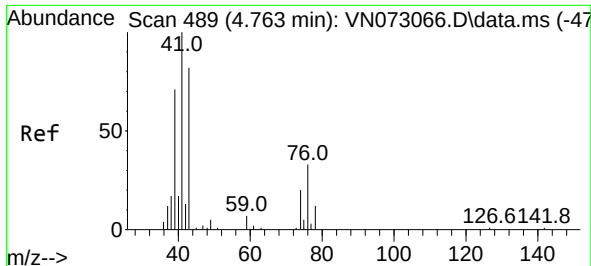
Tgt Ion: 58 Resp: 15344
Ion Ratio Lower Upper
58 100
43 327.5 256.6 384.8



#16
Carbon Disulfide
Concen: 4.831 ug/l
RT: 4.463 min Scan# 438
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 76 Resp: 35731
Ion Ratio Lower Upper
76 100
78 7.7 7.8 11.8#





#17

Allyl chloride

Concen: 4.565 ug/l

RT: 4.763 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

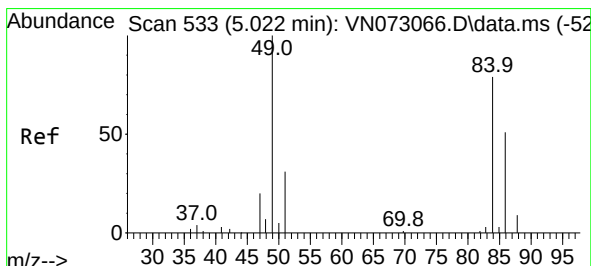
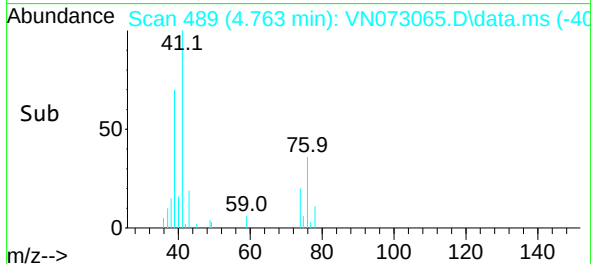
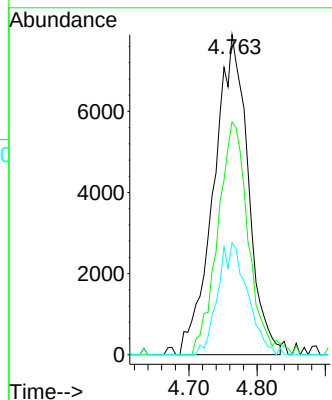
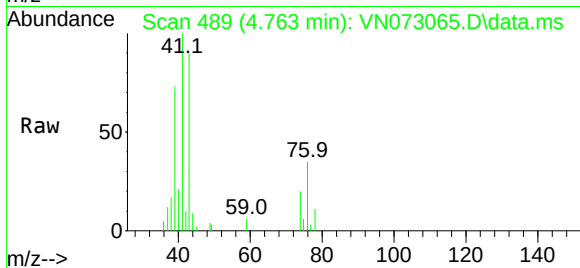
Tgt Ion: 41 Resp: 27673

Ion Ratio Lower Upper

41 100

39 72.8 44.6 134.0

76 35.0 19.6 58.7



#18

Methylene Chloride

Concen: 2.227 ug/l

RT: 5.004 min Scan# 530

Delta R.T. -0.018 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Tgt Ion: 84 Resp: 7980

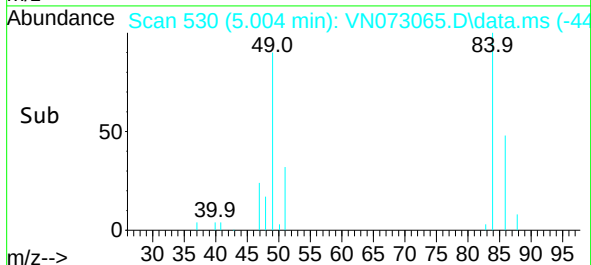
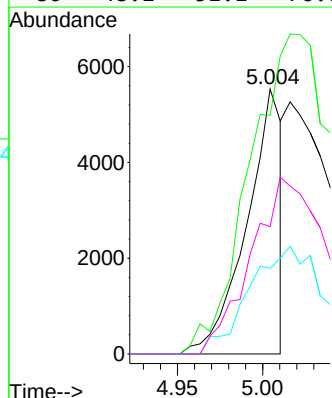
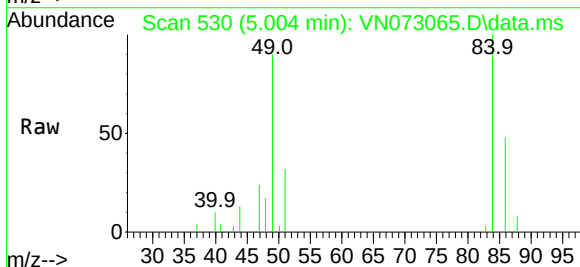
Ion Ratio Lower Upper

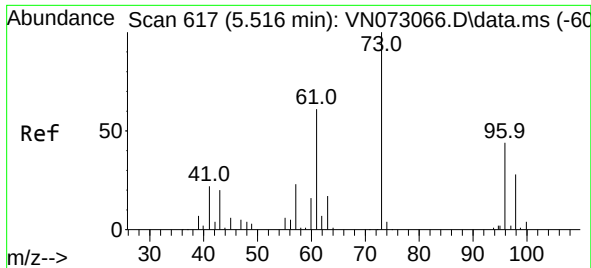
84 100

49 90.2 91.4 137.0#

51 32.3 29.4 44.0

86 48.1 51.1 76.7#





#19

trans-1,2-Dichloroethene

Concen: 3.332 ug/l

RT: 5.510 min Scan# 617

Delta R.T. -0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

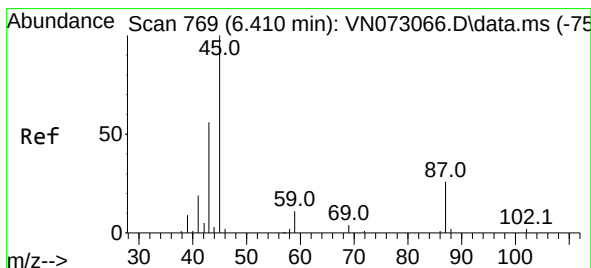
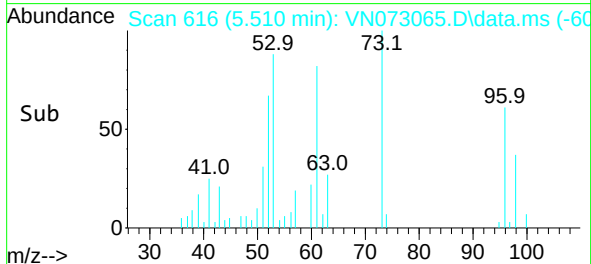
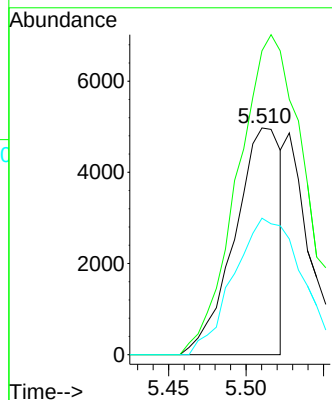
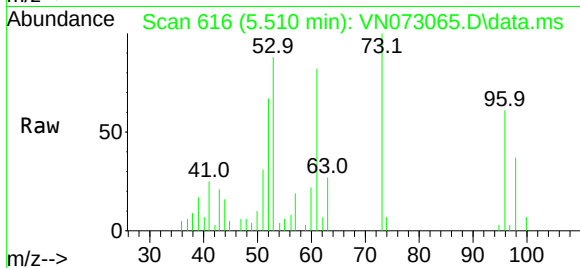
Tgt Ion: 96 Resp: 10328

Ion Ratio Lower Upper

96 100

61 134.0 102.8 154.2

98 60.2 49.3 73.9



#20

Diisopropyl ether

Concen: 4.716 ug/l

RT: 6.416 min Scan# 770

Delta R.T. 0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Tgt Ion: 45 Resp: 57137

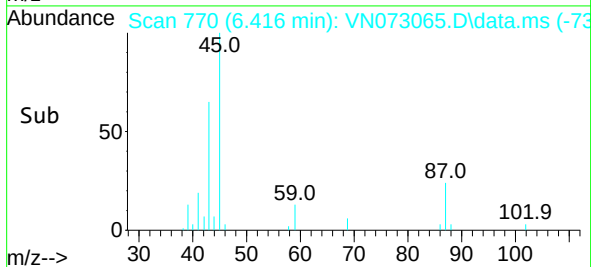
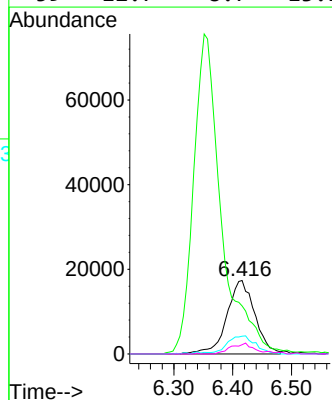
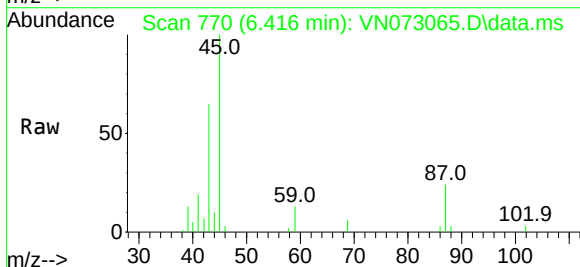
Ion Ratio Lower Upper

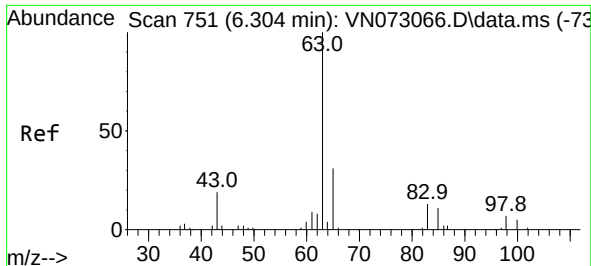
45 100

43 60.0 51.0 76.4

87 24.2 25.0 37.4#

59 12.7 8.7 13.1





#21

1,1-Dichloroethane

Concen: 4.660 ug/l

RT: 6.310 min Scan# 751

Delta R.T. 0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

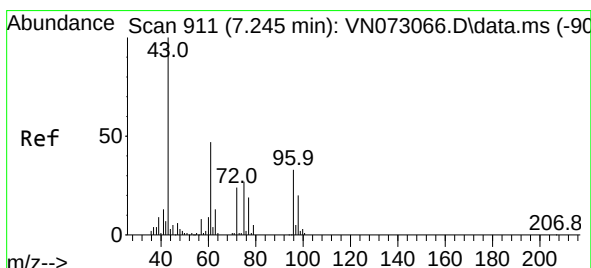
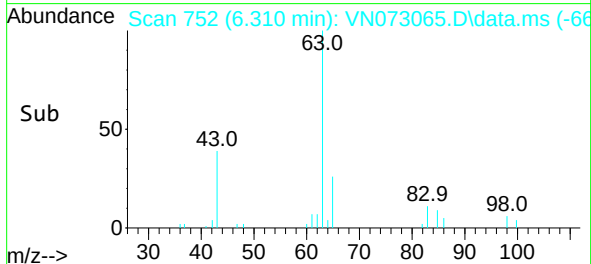
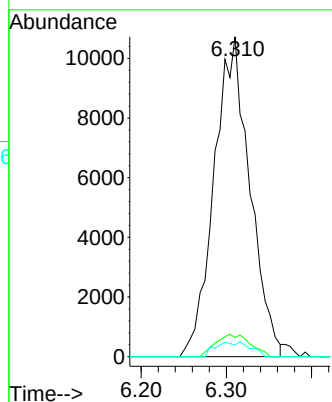
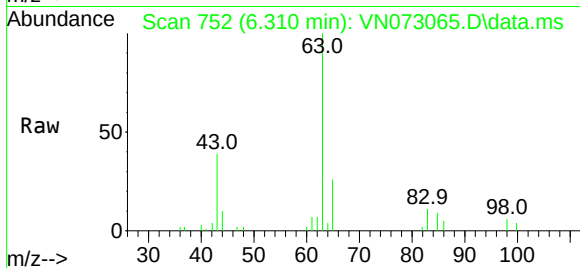
Tgt Ion: 63 Resp: 31250

Ion Ratio Lower Upper

63 100

98 6.0 3.2 9.6

100 3.7 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 4.905 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

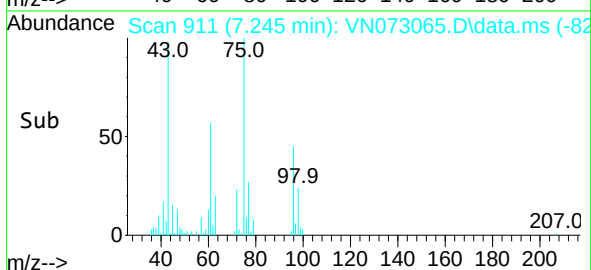
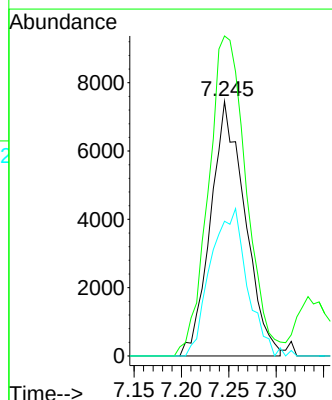
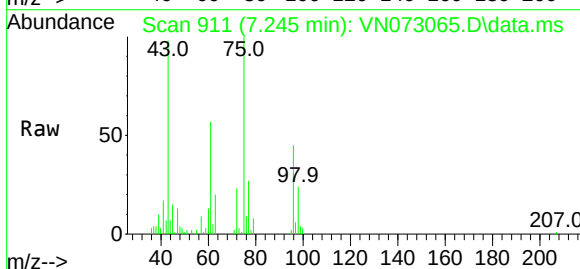
Tgt Ion: 96 Resp: 18844

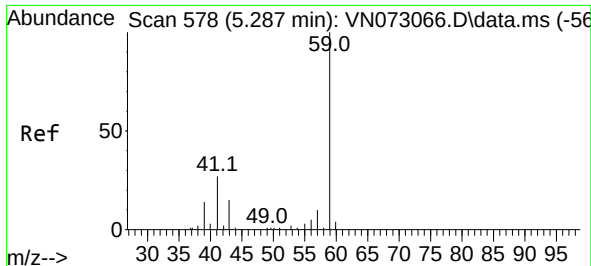
Ion Ratio Lower Upper

96 100

61 138.8 115.7 173.5

98 60.9 51.6 77.4

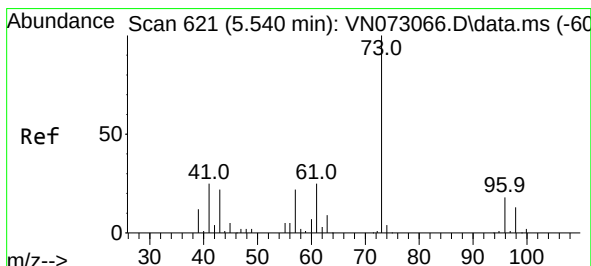
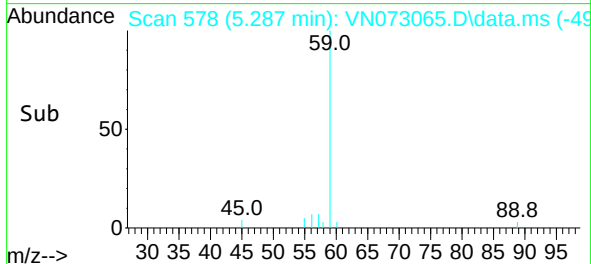
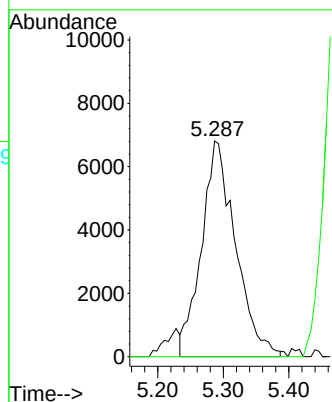
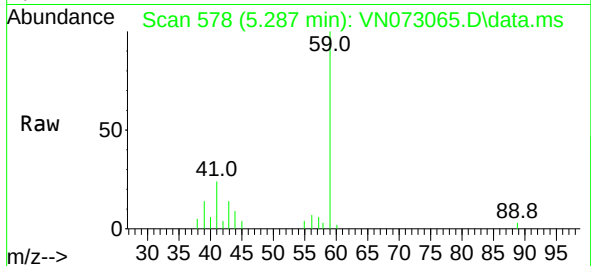




#23
tert-Butyl Alcohol
Concen: 22.789 ug/l
RT: 5.287 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

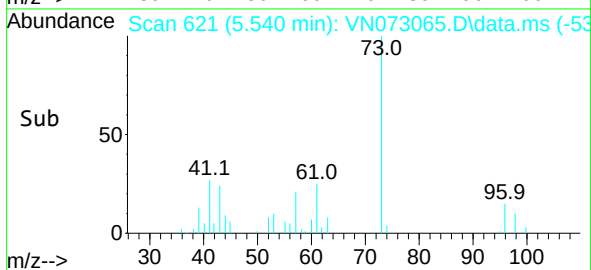
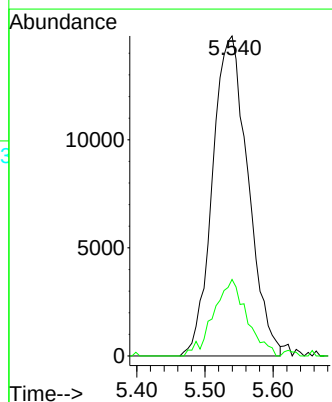
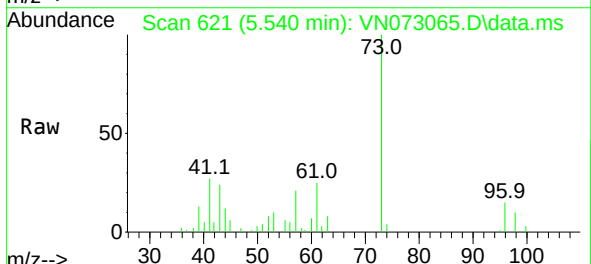
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

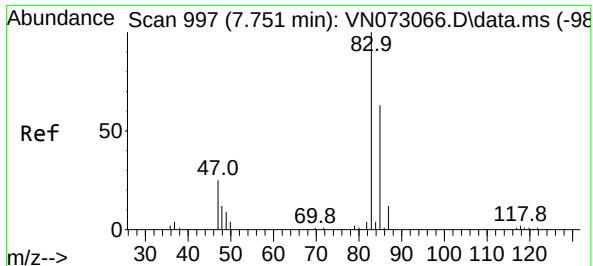
Tgt Ion: 59 Resp: 24554
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 4.319 ug/l
RT: 5.540 min Scan# 621
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 73 Resp: 53622
Ion Ratio Lower Upper
73 100
43 21.5 18.1 27.1

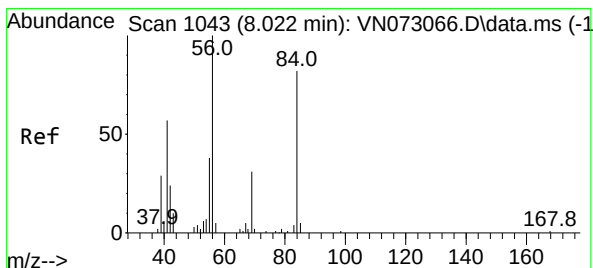
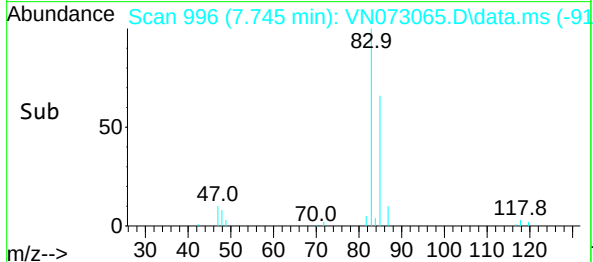
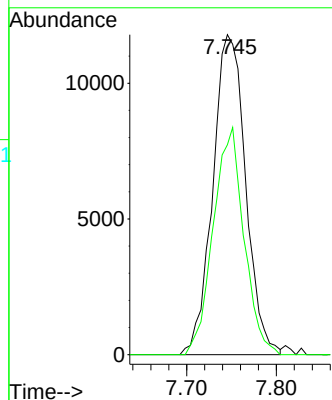
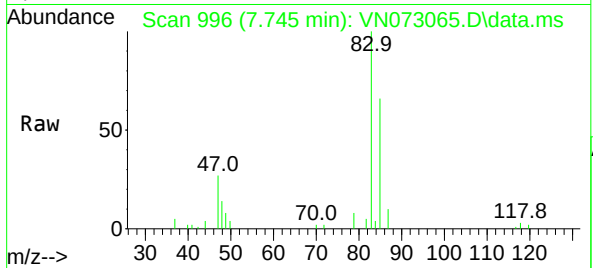




#25
Chloroform
Concen: 4.382 ug/l
RT: 7.745 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

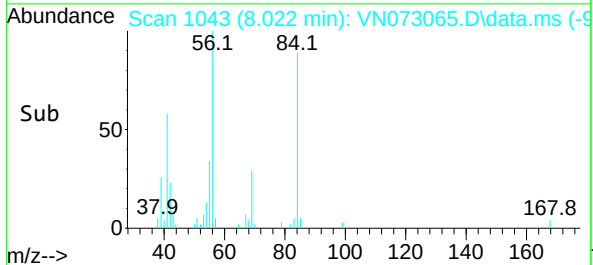
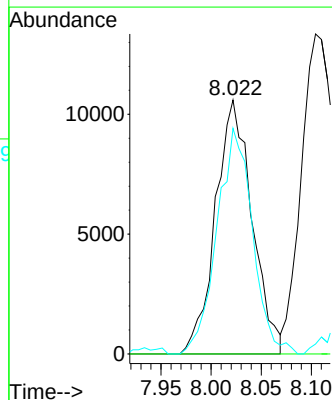
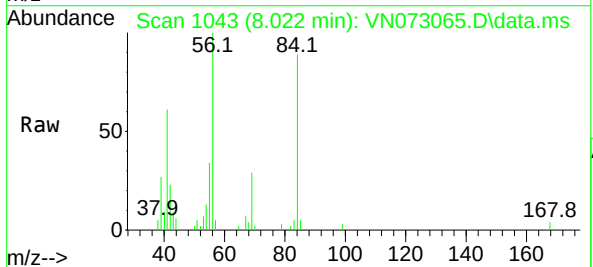
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

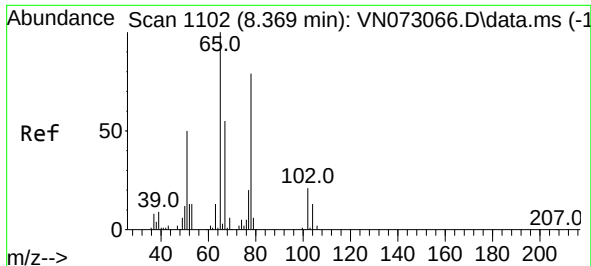
Tgt Ion: 83 Resp: 29963
Ion Ratio Lower Upper
83 100
85 65.6 51.3 76.9



#26
Cyclohexane
Concen: 4.776 ug/l
RT: 8.022 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 56 Resp: 26924
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.3 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 27.402 ug/l

RT: 8.369 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

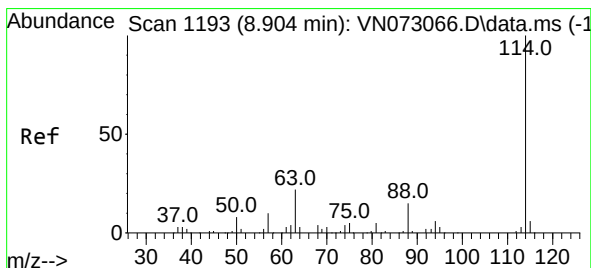
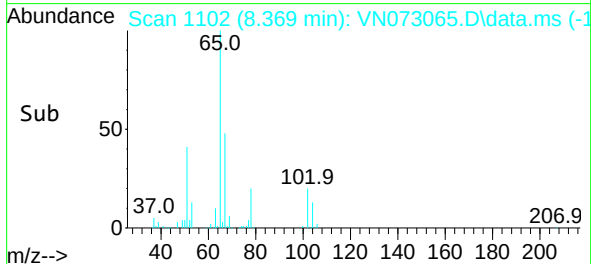
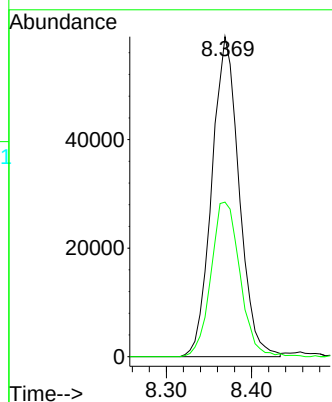
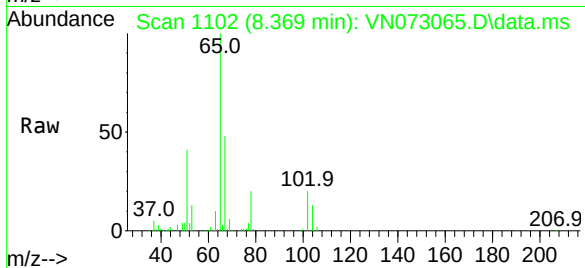
VSTDIC005

Tgt Ion: 65 Resp: 131245

Ion Ratio Lower Upper

65 100

67 51.2 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

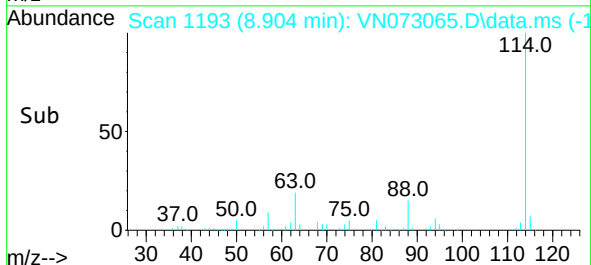
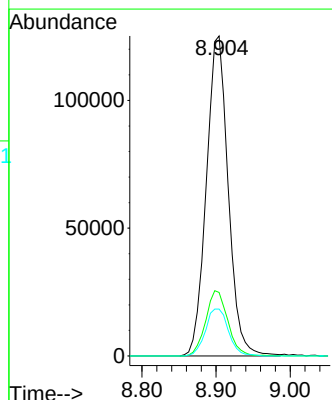
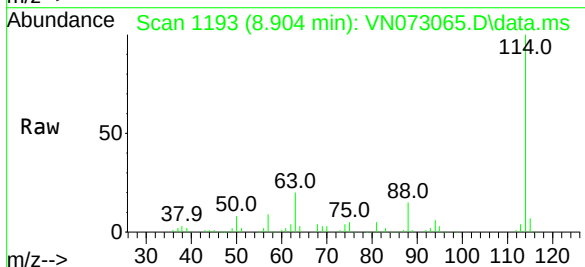
Tgt Ion: 114 Resp: 257175

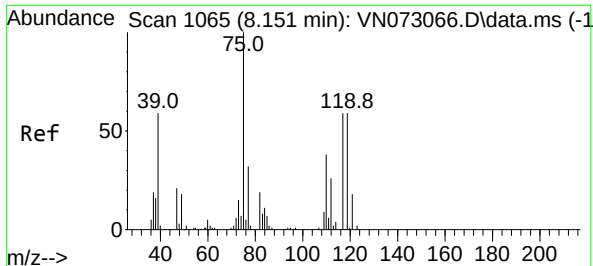
Ion Ratio Lower Upper

114 100

63 20.6 15.8 23.6

88 15.5 11.6 17.4





#29

1,1-Dichloropropene

Concen: 4.355 ug/l

RT: 8.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

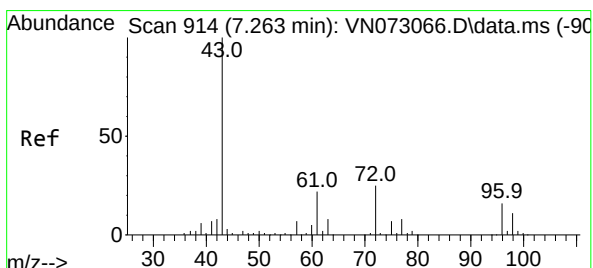
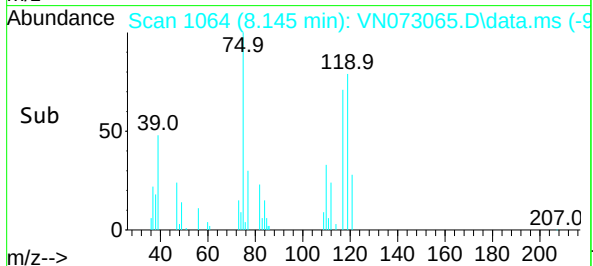
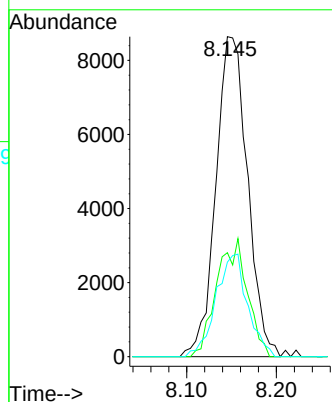
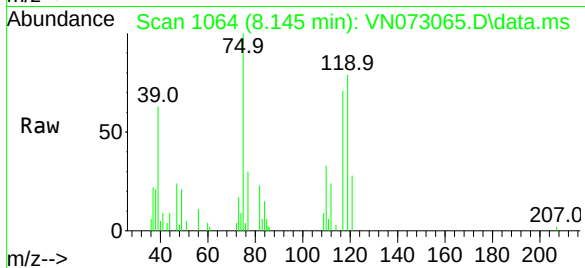
Tgt Ion: 75 Resp: 21169

Ion Ratio Lower Upper

75 100

110 20.8 0.0 74.2

77 0.0 0.0 63.2



#30

2-Butanone

Concen: 23.535 ug/l

RT: 7.263 min Scan# 914

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

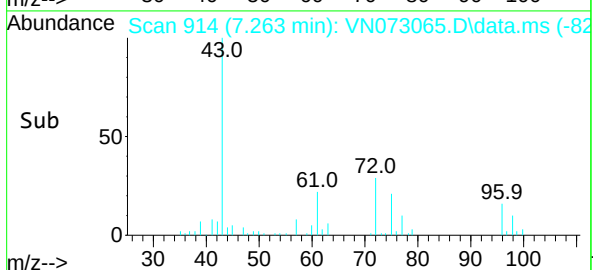
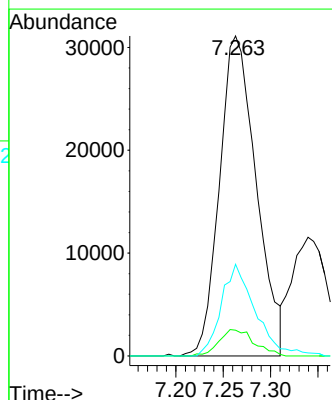
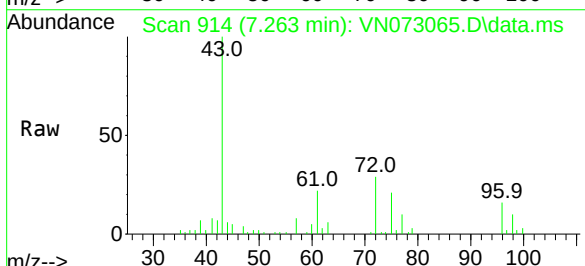
Tgt Ion: 43 Resp: 84085

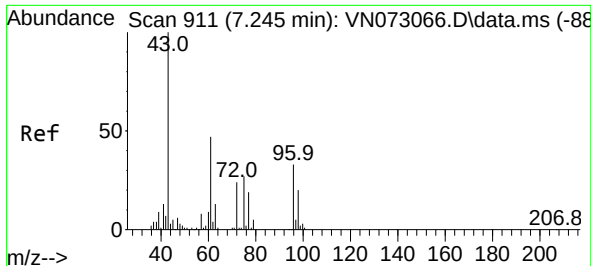
Ion Ratio Lower Upper

43 100

57 5.1 6.7 10.1#

72 26.7 23.2 34.8





#31

2,2-Dichloropropane

Concen: 2.148 ug/l

RT: 7.245 min Scan# 911

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

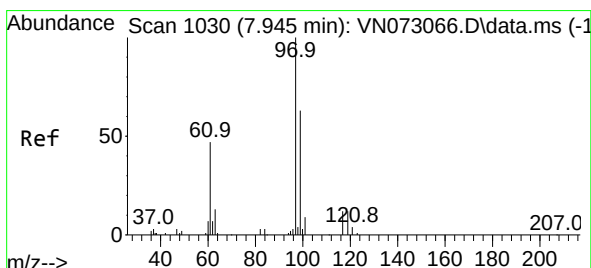
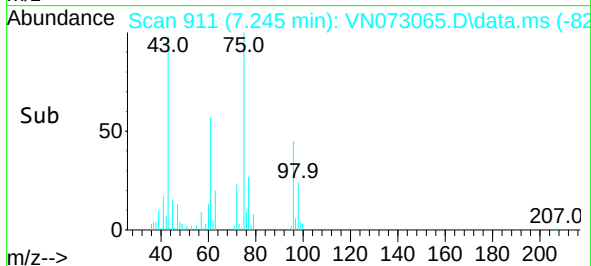
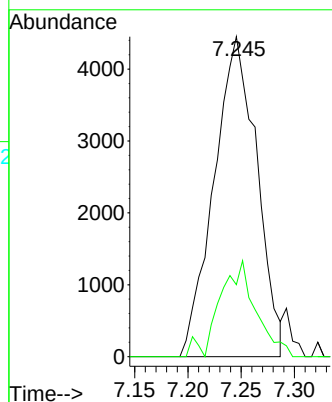
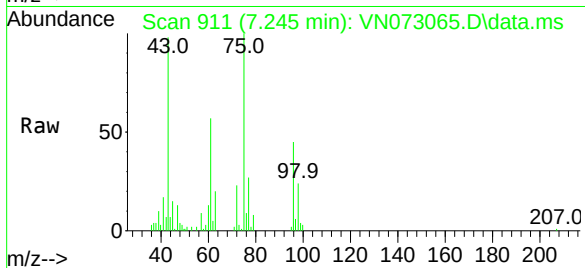
VSTDIC005

Tgt Ion: 77 Resp: 12467

Ion Ratio Lower Upper

77 100

97 11.9 18.3 27.5#



#32

1,1,1-Trichloroethane

Concen: 4.187 ug/l

RT: 7.945 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

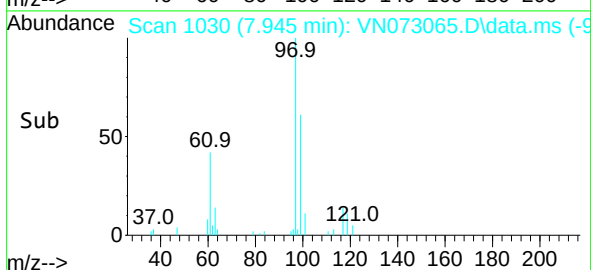
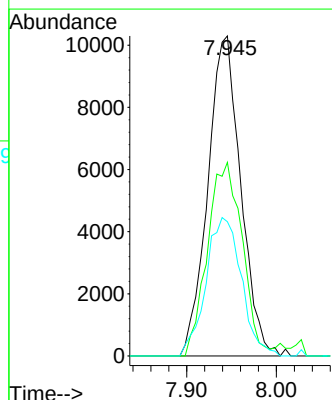
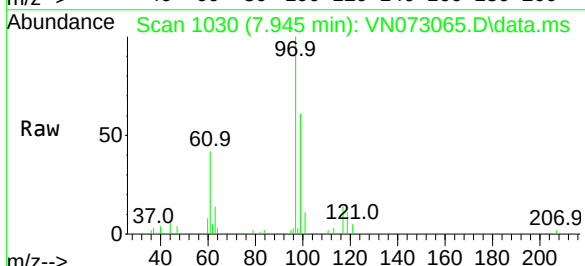
Tgt Ion: 97 Resp: 26250

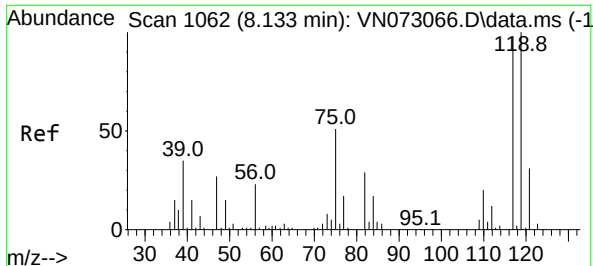
Ion Ratio Lower Upper

97 100

99 63.7 50.4 75.6

61 46.5 34.6 51.8

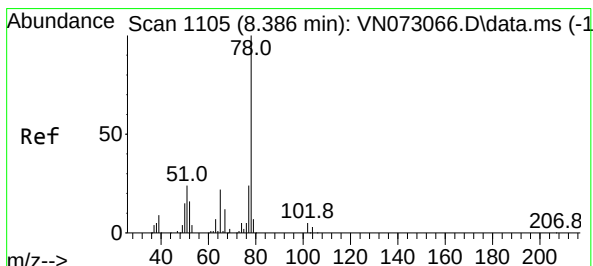
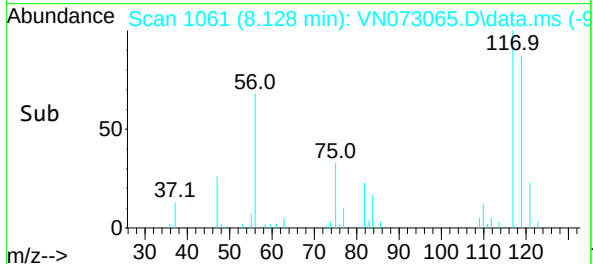
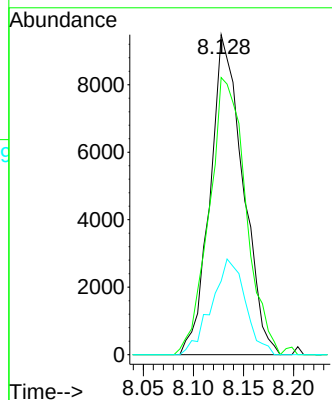
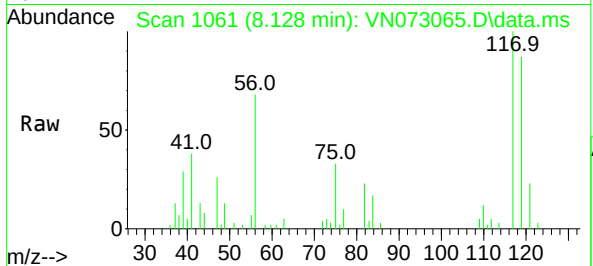




#33
Carbon Tetrachloride
Concen: 4.004 ug/l
RT: 8.128 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

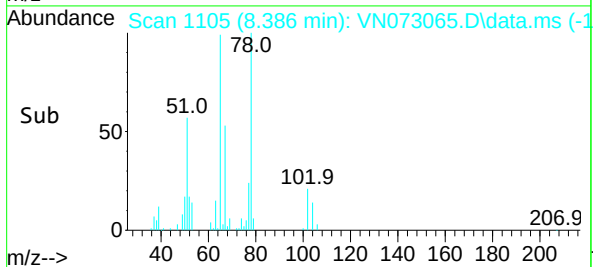
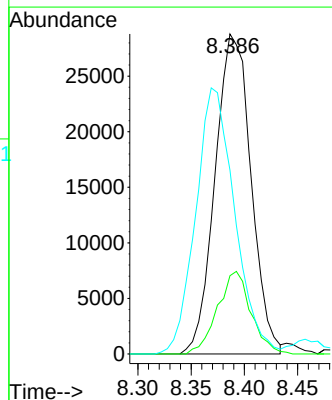
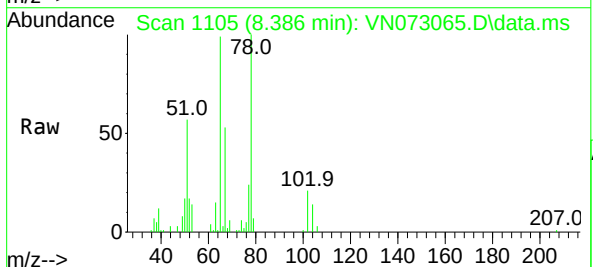
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

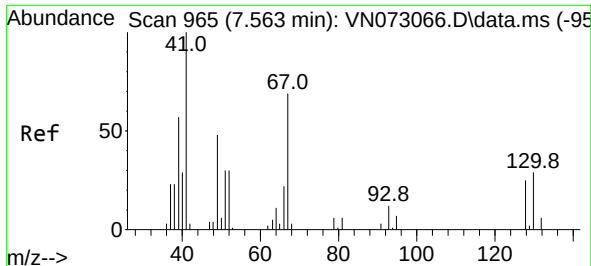
Tgt Ion:117 Resp: 21607
Ion Ratio Lower Upper
117 100
119 86.6 77.5 116.3
121 23.0 23.5 35.3#



#34
Benzene
Concen: 4.628 ug/l
RT: 8.386 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 78 Resp: 67525
Ion Ratio Lower Upper
78 100
77 24.4 19.1 28.7
51 56.0 16.0 24.0#



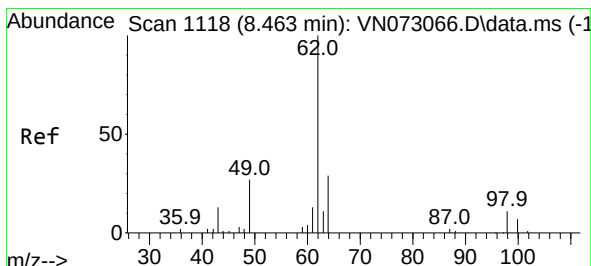
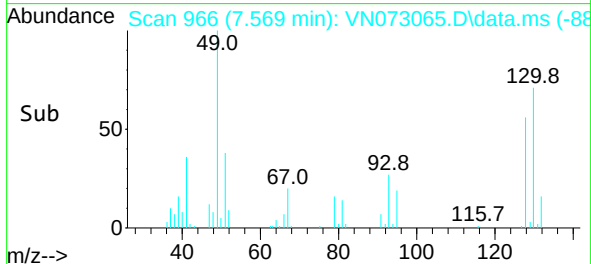
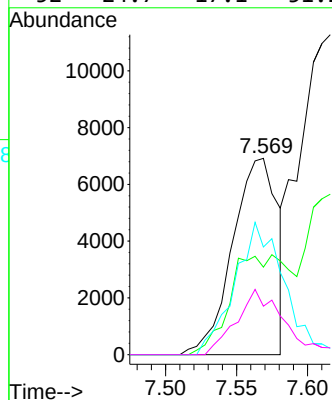
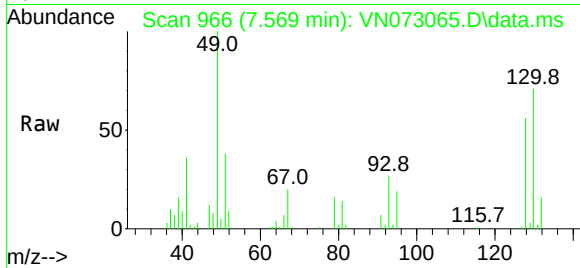


#35
Methacrylonitrile
Concen: 4.377 ug/l
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 15225

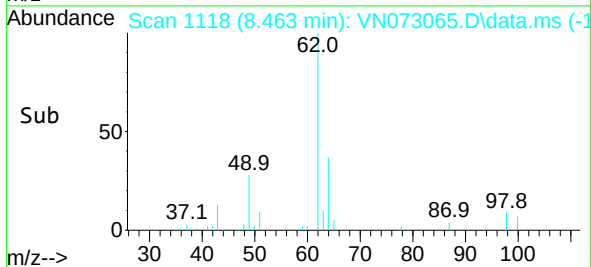
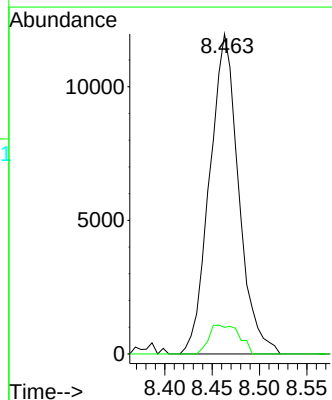
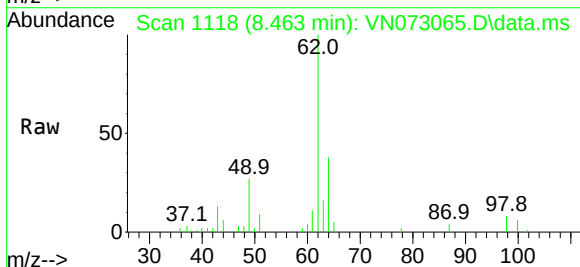
Ion	Ratio	Lower	Upper
41	100		
39	44.6	28.0	83.9
67	54.8	37.7	113.1
52	24.7	17.1	51.2

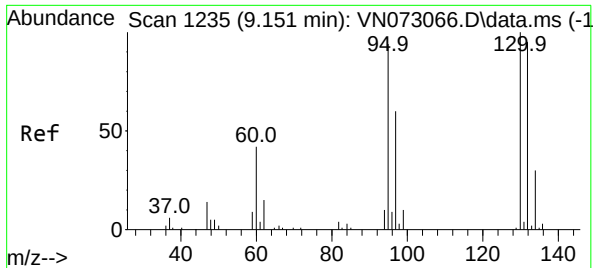


#36
1,2-Dichloroethane
Concen: 4.279 ug/l
RT: 8.463 min Scan# 1118
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 62 Resp: 25558

Ion	Ratio	Lower	Upper
62	100		
98	5.3	6.6	10.0#

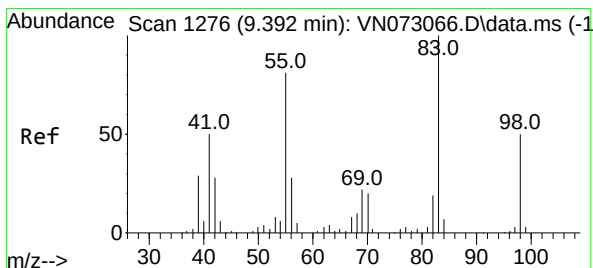
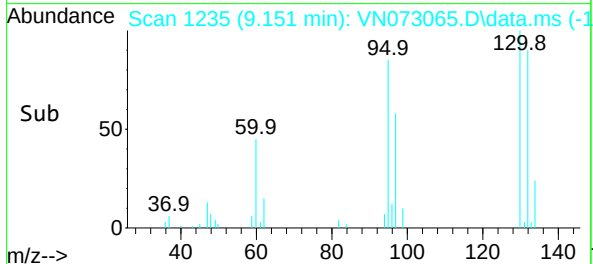
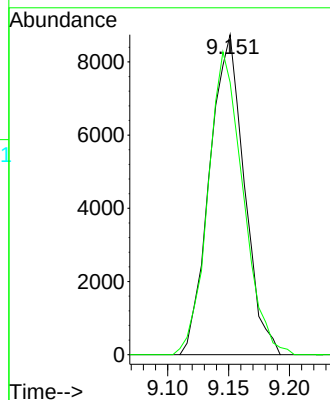
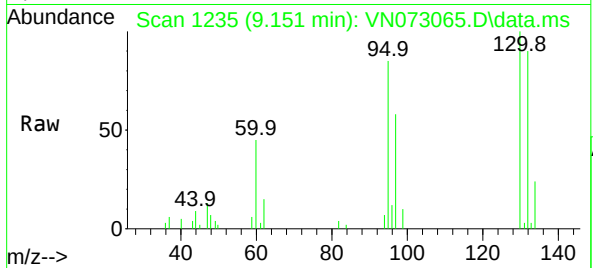




#37
Trichloroethene
Concen: 4.908 ug/l
RT: 9.151 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

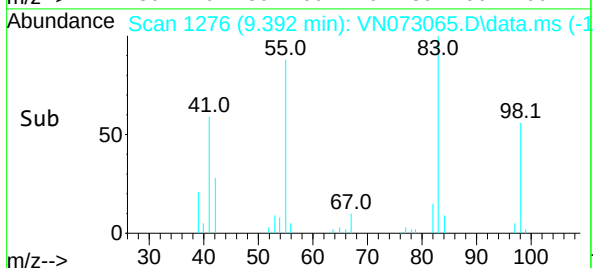
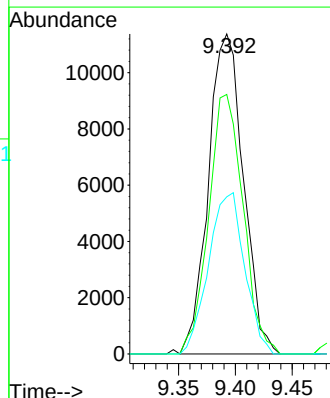
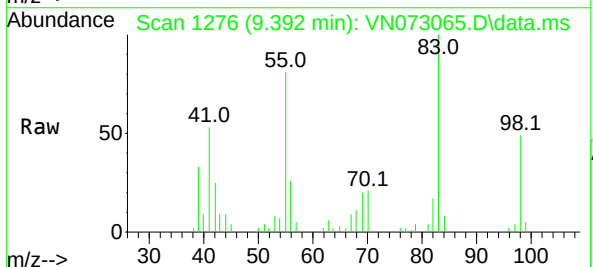
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

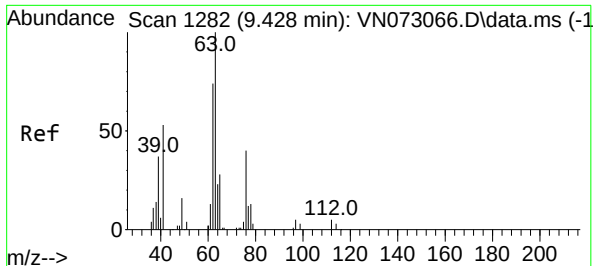
Tgt Ion:130 Resp: 17273
Ion Ratio Lower Upper
130 100
95 83.2 76.6 115.0



#38
Methylcyclohexane
Concen: 4.187 ug/l
RT: 9.392 min Scan# 1276
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 83 Resp: 24374
Ion Ratio Lower Upper
83 100
55 79.9 35.1 105.3
98 51.9 23.4 70.2





#39

1,2-Dichloropropane

Concen: 4.528 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

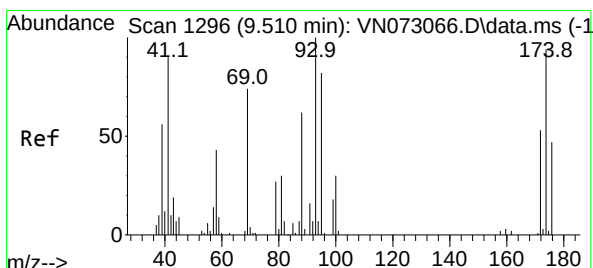
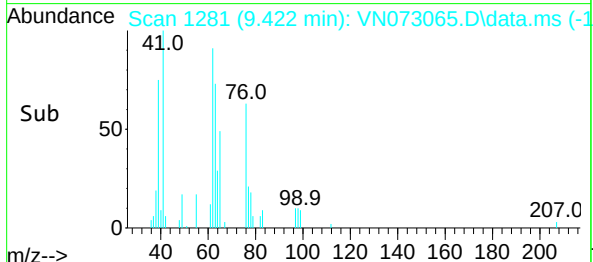
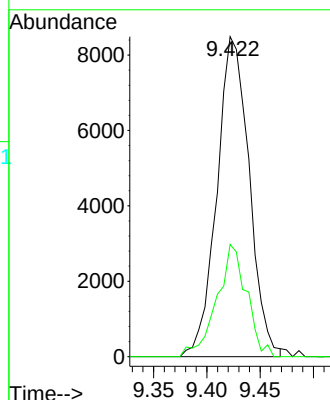
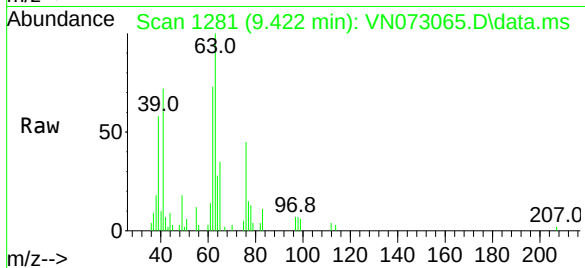
VSTDIC005

Tgt Ion: 63 Resp: 17886

Ion Ratio Lower Upper

63 100

65 35.1 24.2 36.4



#40

Dibromomethane

Concen: 4.481 ug/l

RT: 9.516 min Scan# 1297

Delta R.T. 0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

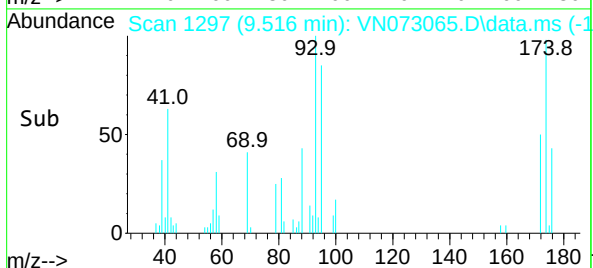
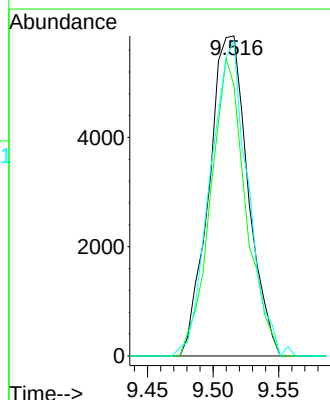
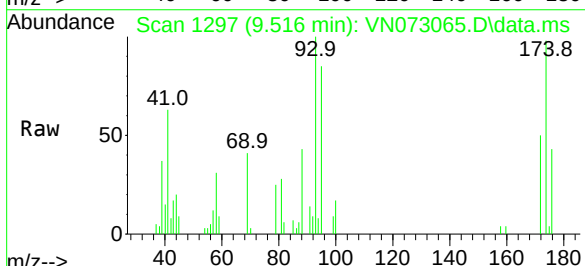
Tgt Ion: 93 Resp: 12142

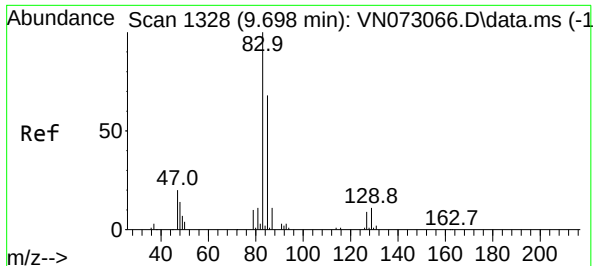
Ion Ratio Lower Upper

93 100

95 83.4 0.0 168.8

174 94.5 0.0 173.6

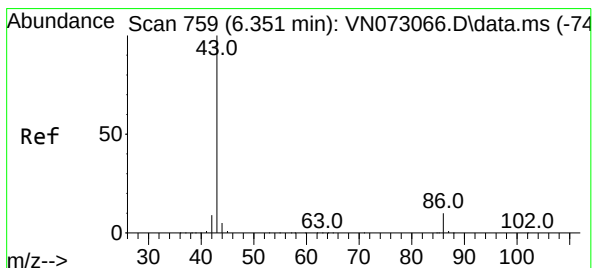
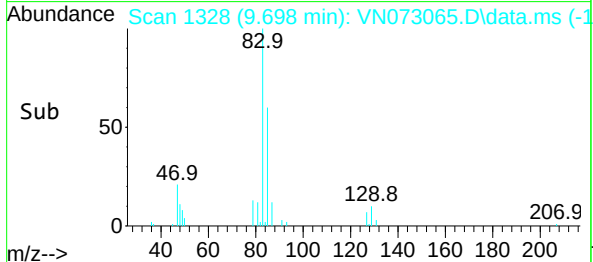
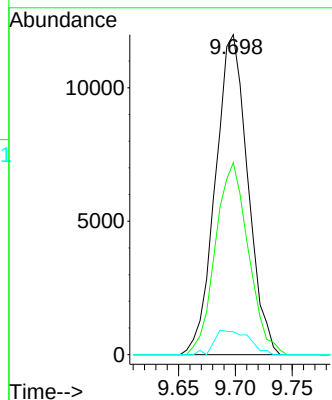
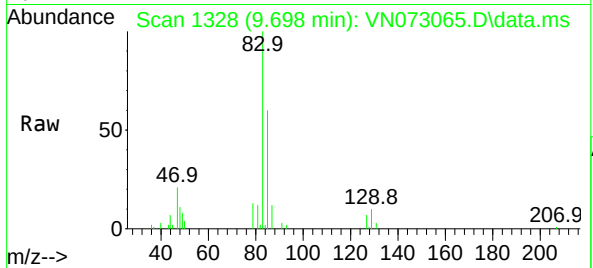




#41
Bromodichloromethane
Concen: 4.188 ug/l
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

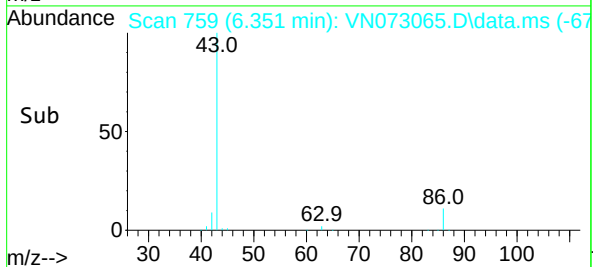
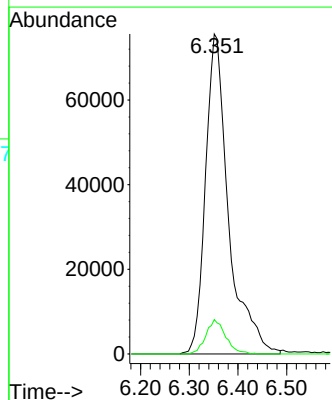
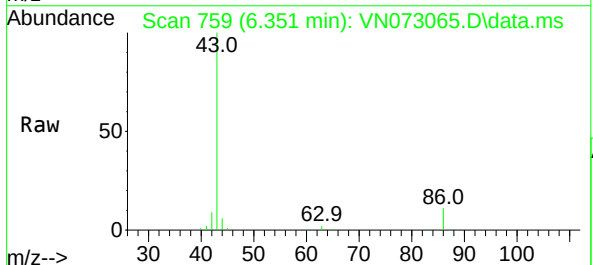
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

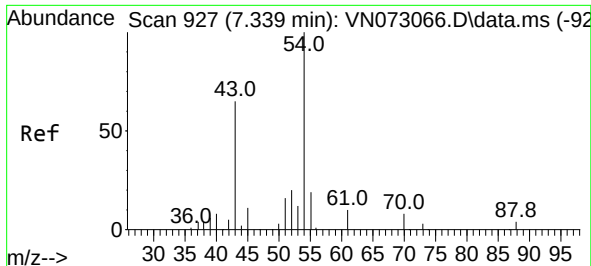
Tgt Ion: 83 Resp: 23770
Ion Ratio Lower Upper
83 100
85 60.0 54.1 81.1
127 7.1 7.6 11.4#



#42
Vinyl Acetate
Concen: 21.645 ug/l
RT: 6.351 min Scan# 759
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 43 Resp: 247946
Ion Ratio Lower Upper
43 100
86 9.2 7.5 11.3

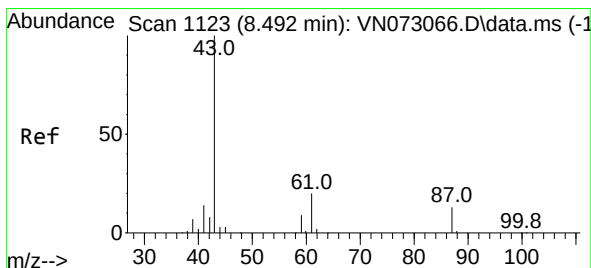
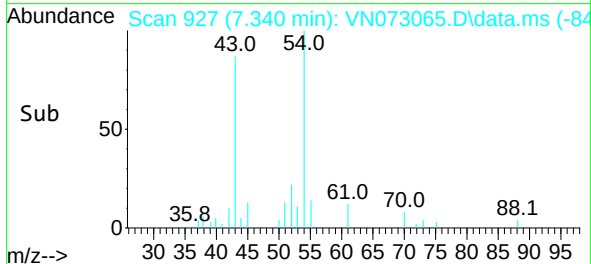
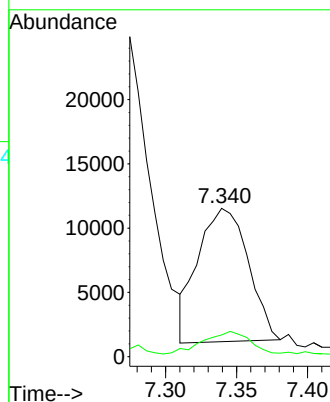
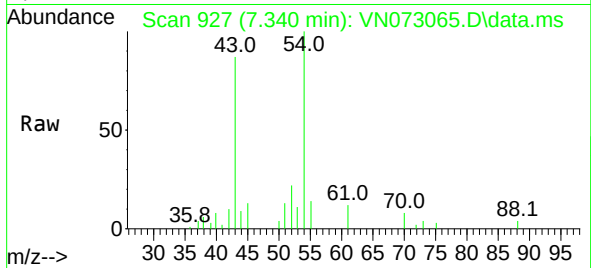




#43
Ethyl Acetate
Concen: 3.707 ug/l
RT: 7.340 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

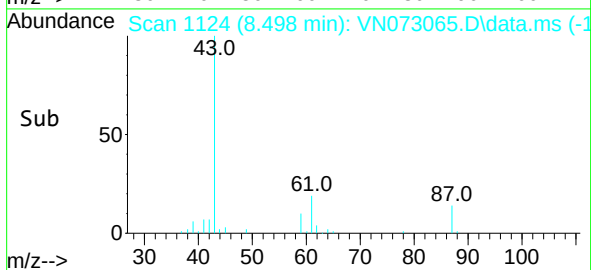
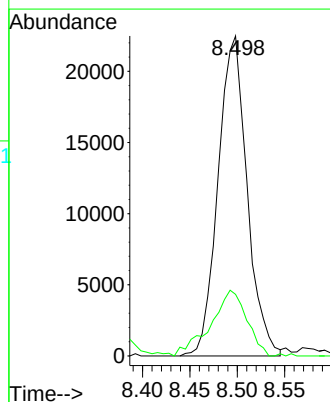
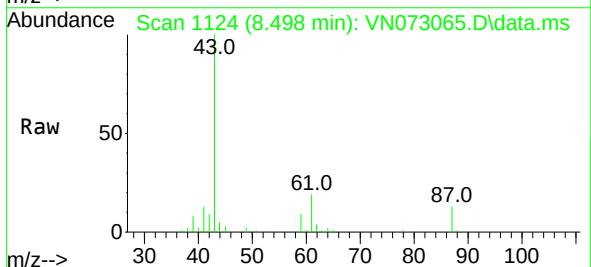
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

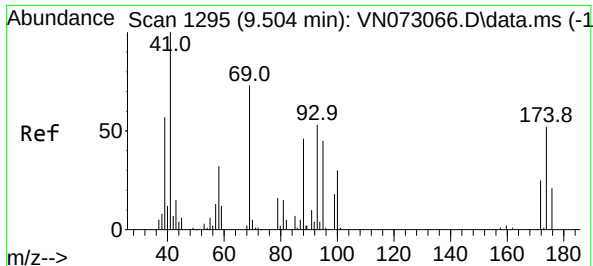
Tgt Ion: 43 Resp: 25492
Ion Ratio Lower Upper
43 100
45 19.7 10.6 16.0#



#44
Isopropyl Acetate
Concen: 4.327 ug/l
RT: 8.498 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 43 Resp: 47984
Ion Ratio Lower Upper
43 100
61 25.5 20.1 30.1

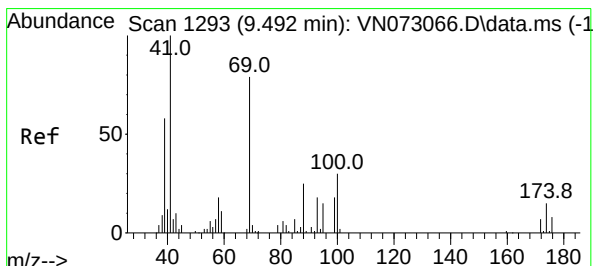
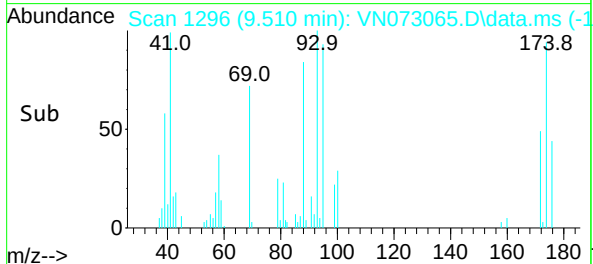
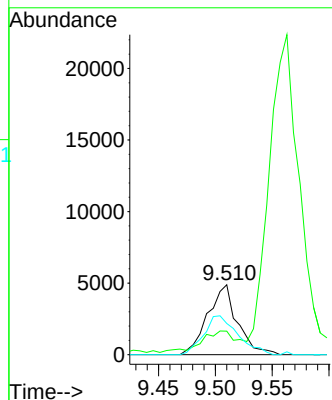
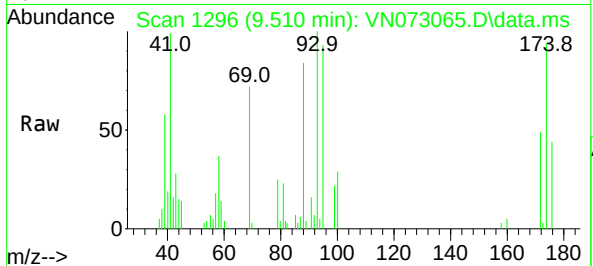




#45
1,4-Dioxane
Concen: 96.063 ug/l
RT: 9.510 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

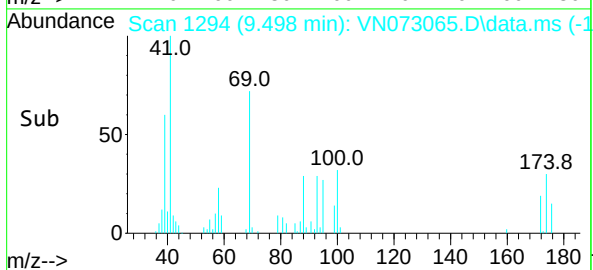
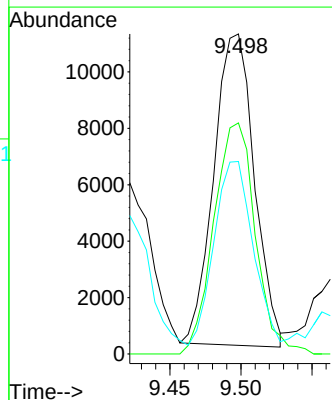
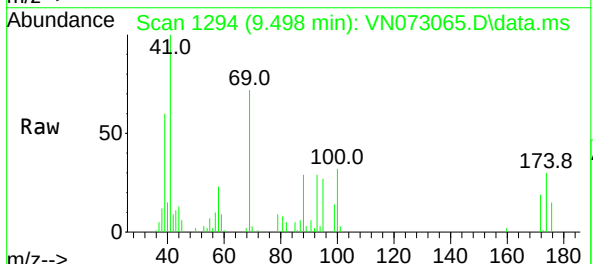
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

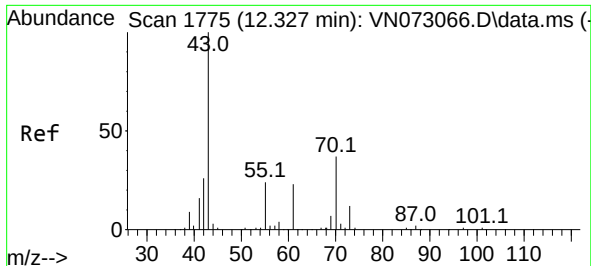
Tgt Ion: 88 Resp: 8861
Ion Ratio Lower Upper
88 100
43 30.2 25.0 37.6
58 64.0 49.4 74.2



#46
Methyl methacrylate
Concen: 4.393 ug/l
RT: 9.498 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 41 Resp: 21891
Ion Ratio Lower Upper
41 100
69 74.8 44.4 133.2
39 58.3 39.9 119.6

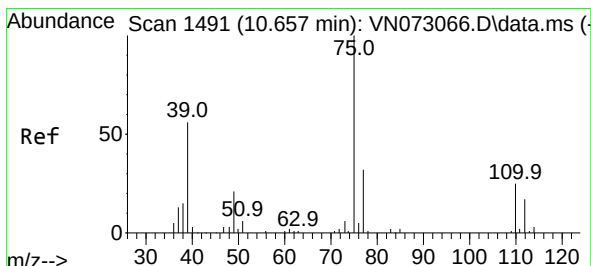
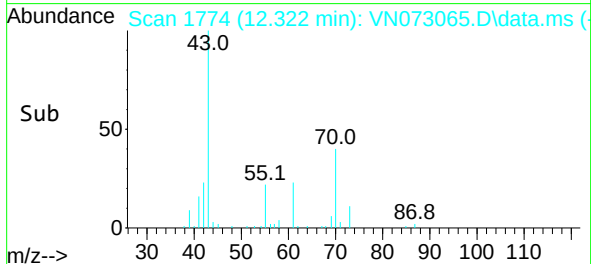
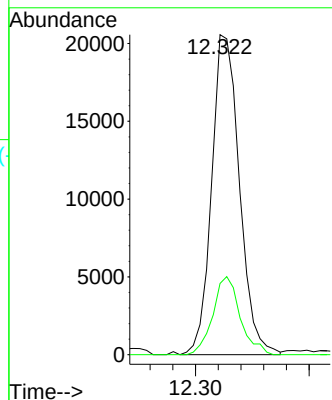
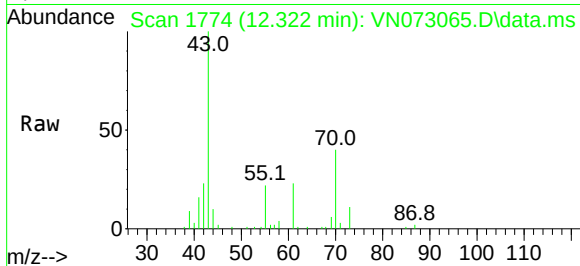




#47
n-amyl acetate
Concen: 4.053 ug/l
RT: 12.322 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

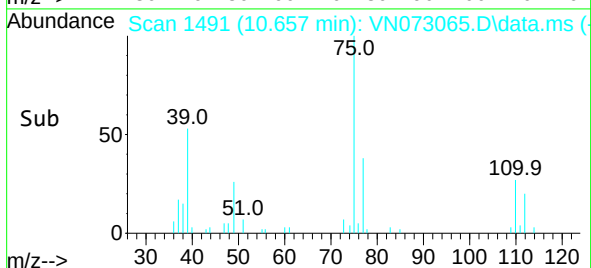
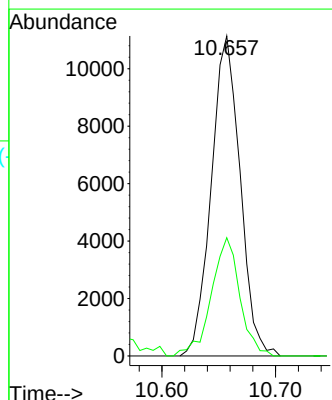
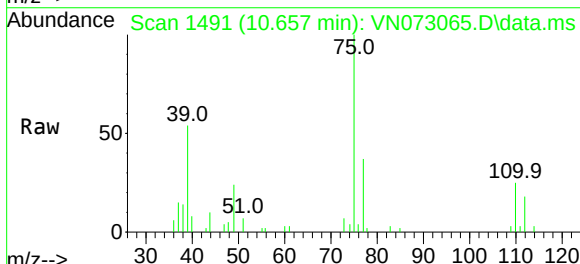
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

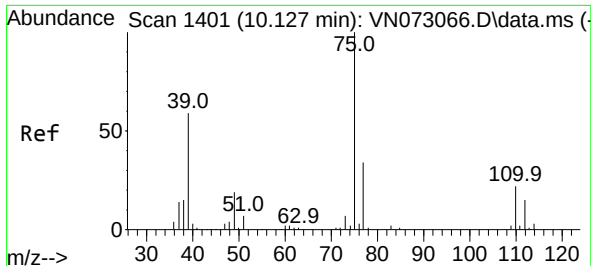
Tgt Ion: 43 Resp: 34962
Ion Ratio Lower Upper
43 100
55 24.0 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 3.120 ug/l
RT: 10.657 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 75 Resp: 19679
Ion Ratio Lower Upper
75 100
77 36.9 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 3.497 ug/l

RT: 10.128 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

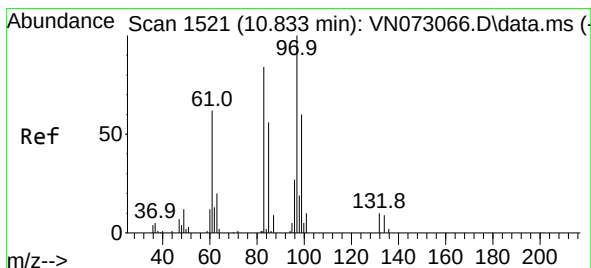
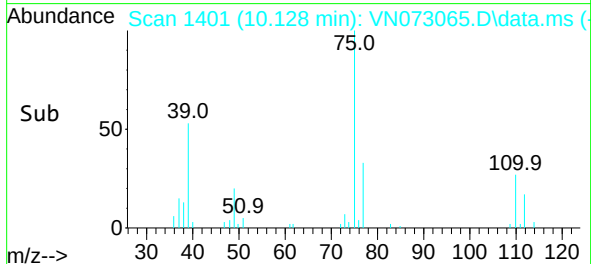
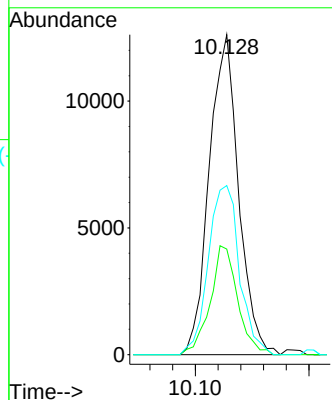
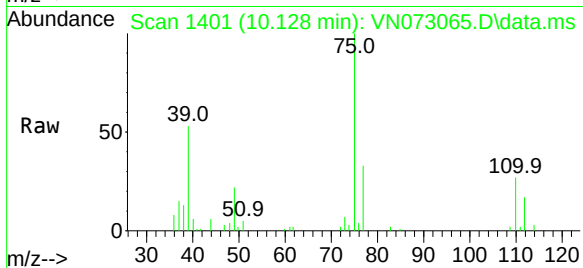
Tgt Ion: 75 Resp: 22649

Ion Ratio Lower Upper

75 100

77 33.0 25.3 37.9

39 52.8 46.2 69.4



#50

1,1,2-Trichloroethane

Concen: 4.617 ug/l

RT: 10.833 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Tgt Ion: 97 Resp: 17673

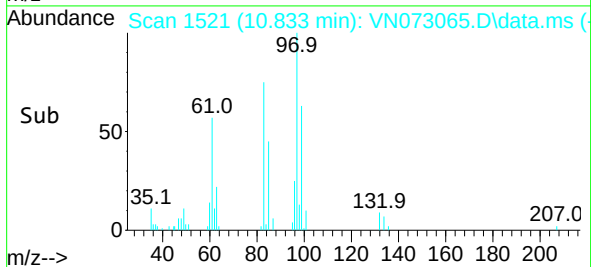
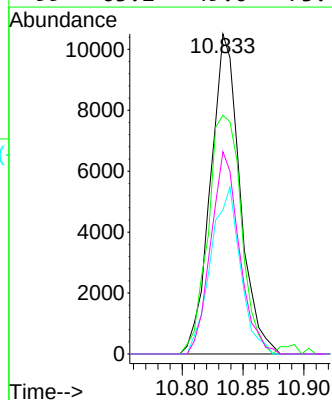
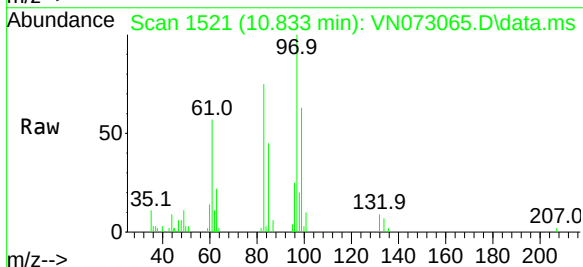
Ion Ratio Lower Upper

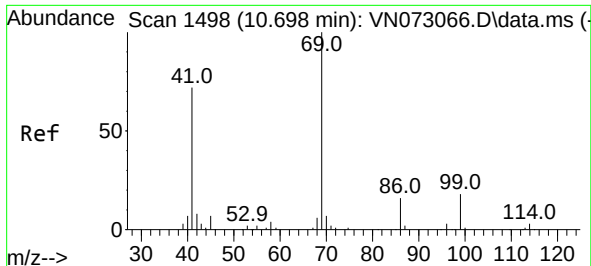
97 100

83 74.6 67.2 100.8

85 45.0 43.0 64.4

99 63.2 49.0 73.4

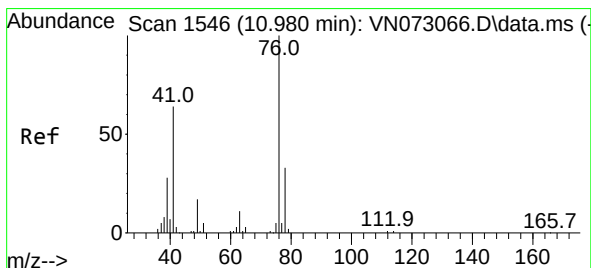
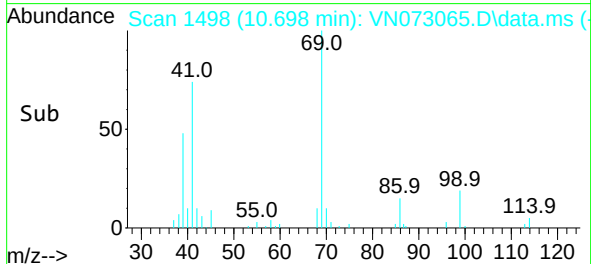
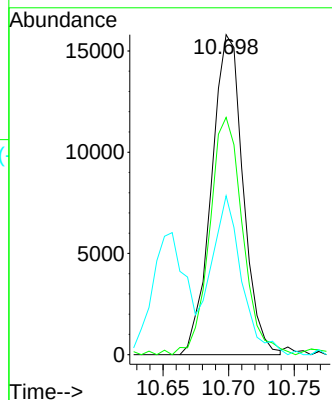
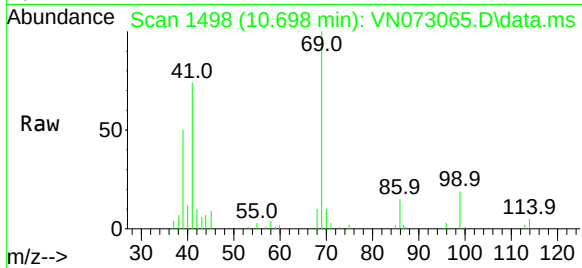




#51
Ethyl methacrylate
Concen: 3.867 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

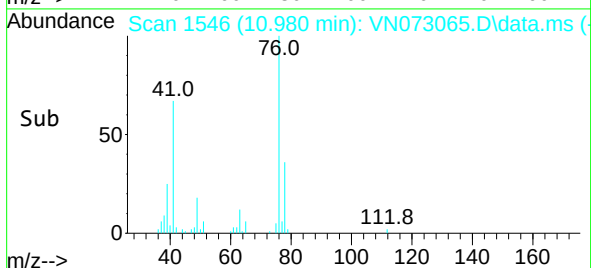
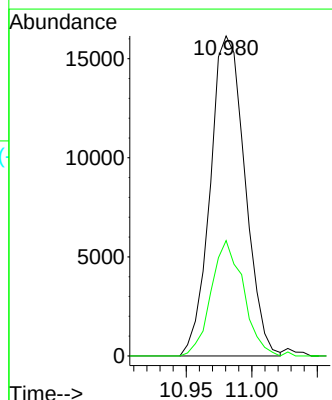
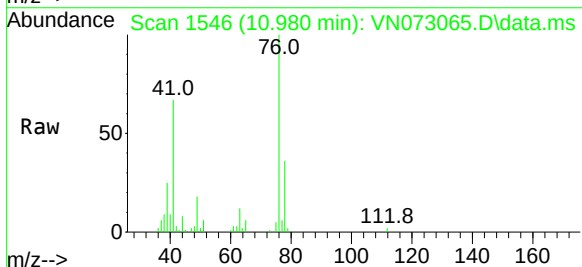
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

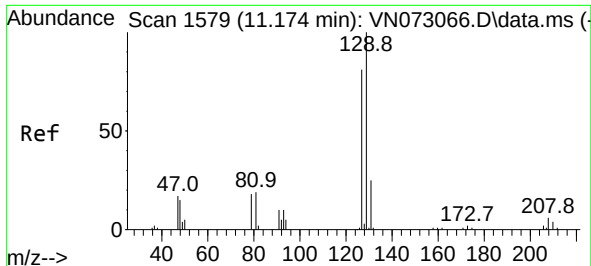
Tgt Ion: 69 Resp: 26537
Ion Ratio Lower Upper
69 100
41 72.2 33.0 98.9
39 48.0 25.4 76.4



#52
1,3-Dichloropropane
Concen: 4.412 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 76 Resp: 29730
Ion Ratio Lower Upper
76 100
78 33.5 0.0 65.4

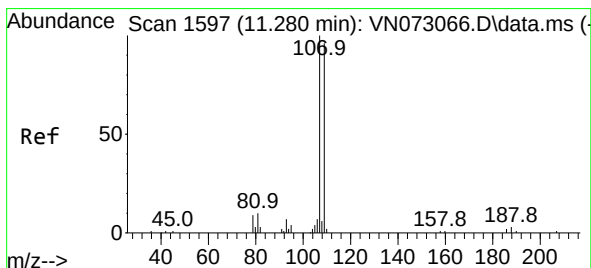
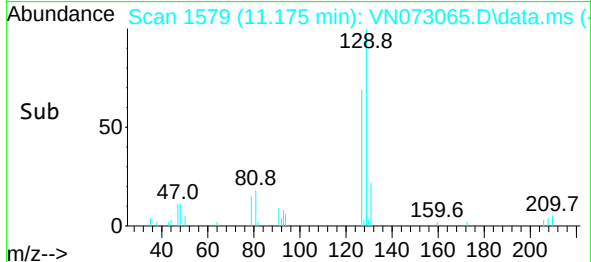
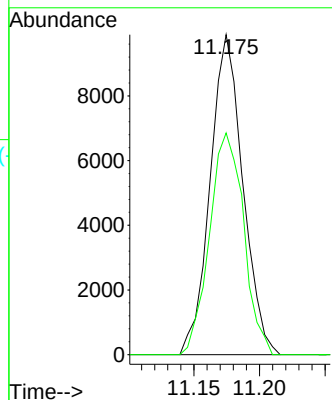
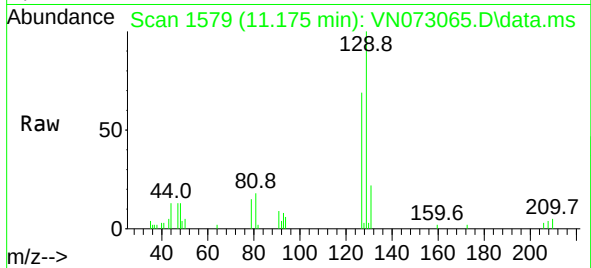




#53
Dibromochloromethane
Concen: 4.130 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

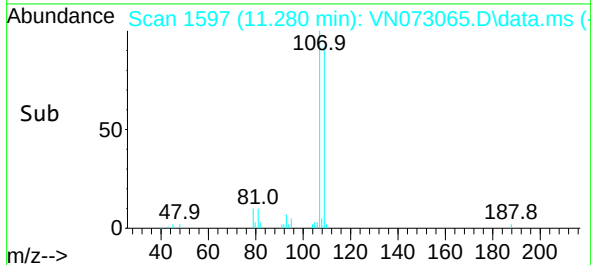
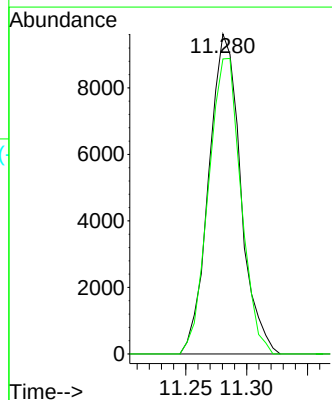
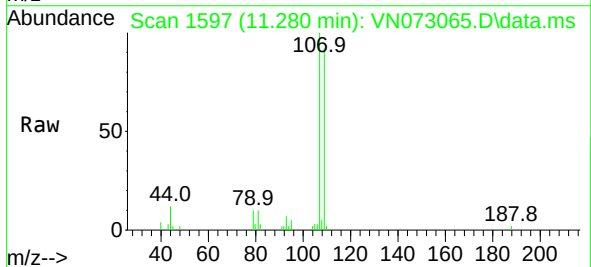
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

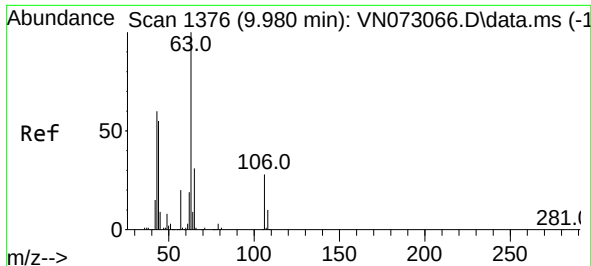
Tgt Ion:129 Resp: 17151
Ion Ratio Lower Upper
129 100
127 72.3 39.0 117.0



#54
1,2-Dibromoethane
Concen: 4.346 ug/l
RT: 11.280 min Scan# 1597
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion:107 Resp: 17491
Ion Ratio Lower Upper
107 100
109 94.1 72.8 109.2

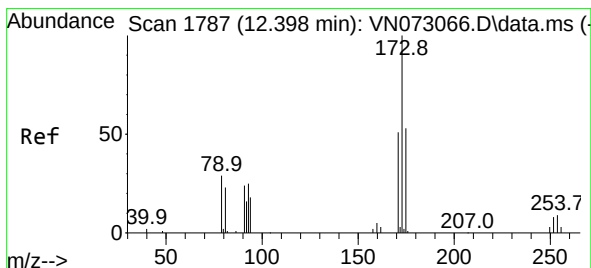
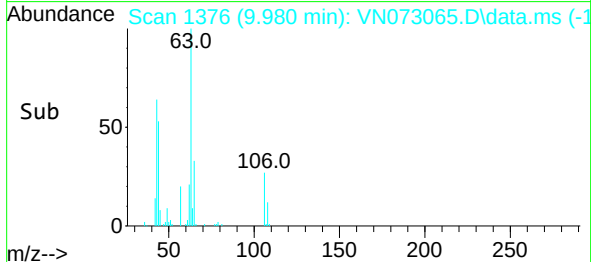
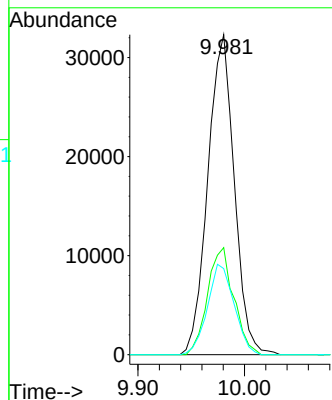
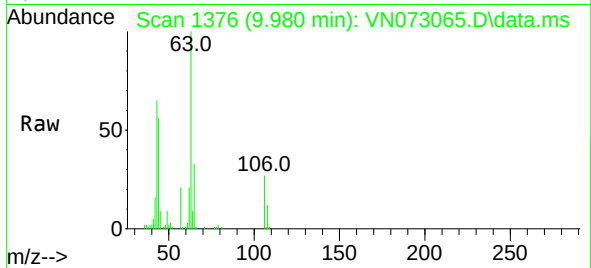




#55
2-Chloroethyl vinyl ether
Concen: 20.030 ug/l
RT: 9.980 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

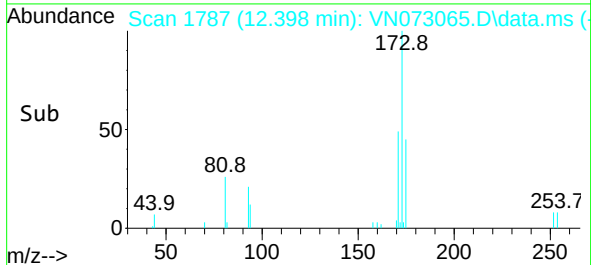
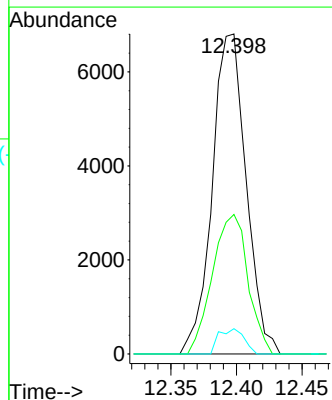
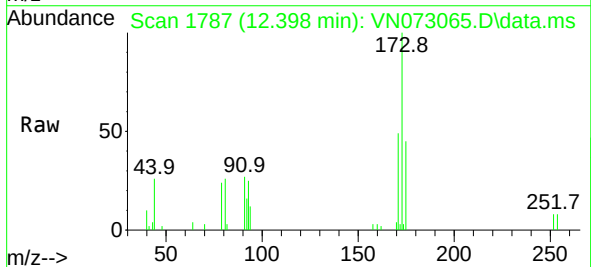
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

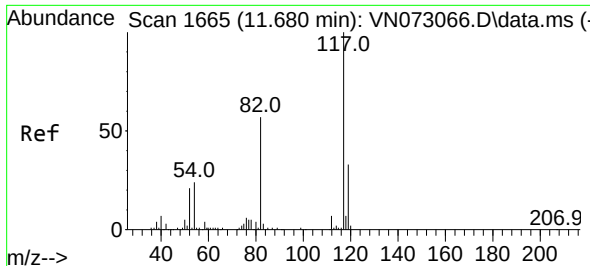
Tgt Ion: 63 Resp: 55800
Ion Ratio Lower Upper
63 100
65 33.1 25.4 38.0
106 28.4 23.2 34.8



#56
Bromoform
Concen: 4.193 ug/l
RT: 12.398 min Scan# 1787
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 173 Resp: 12255
Ion Ratio Lower Upper
173 100
175 45.5 38.6 58.0
254 5.8 0.0 0.0#

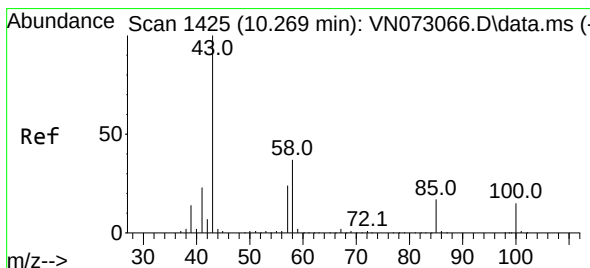
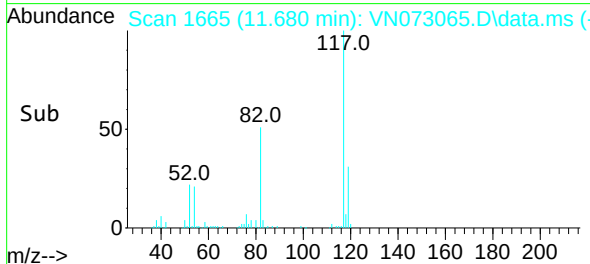
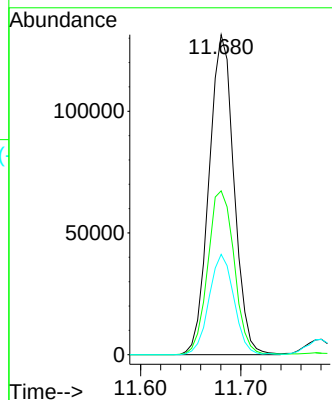
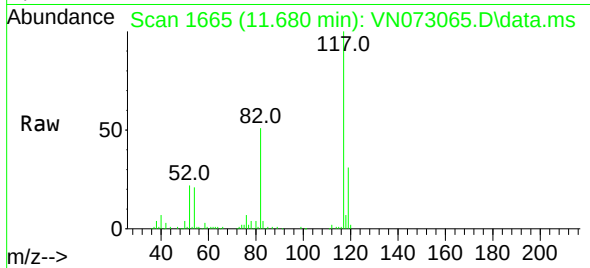




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.680 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

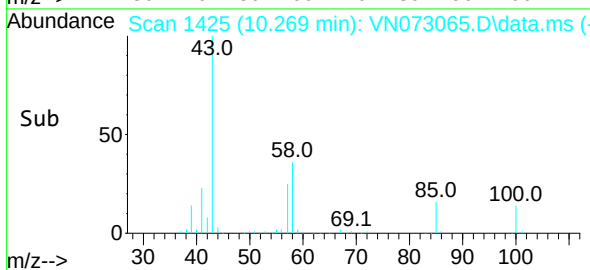
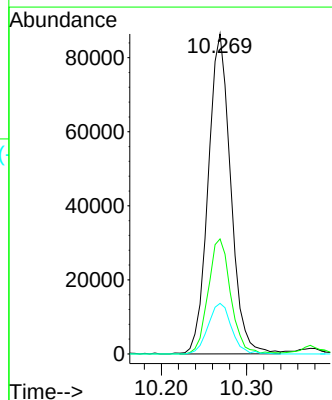
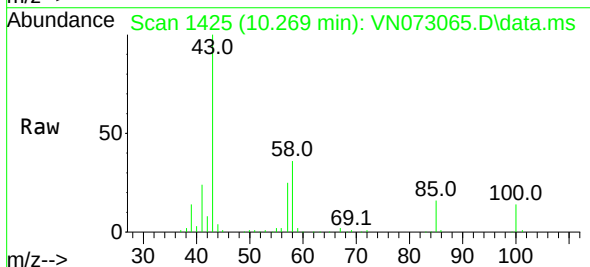
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

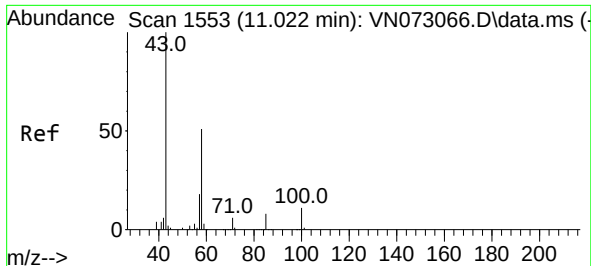
Tgt Ion: 117 Resp: 228172
Ion Ratio Lower Upper
117 100
82 54.0 43.6 65.4
119 31.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 23.232 ug/l
RT: 10.269 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 43 Resp: 158585
Ion Ratio Lower Upper
43 100
58 35.8 30.0 45.0
85 16.2 15.0 22.6

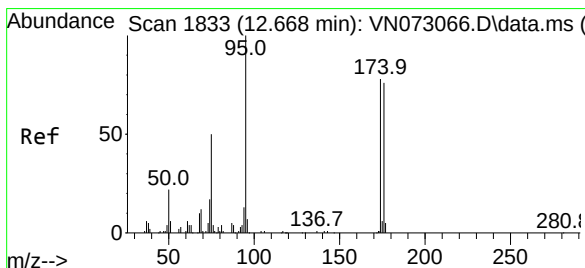
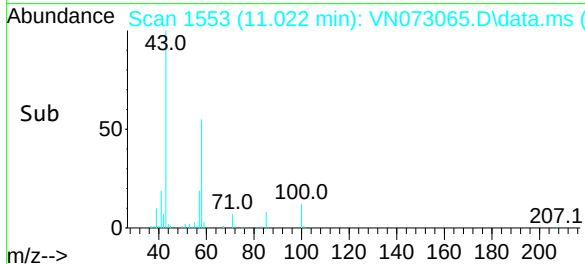
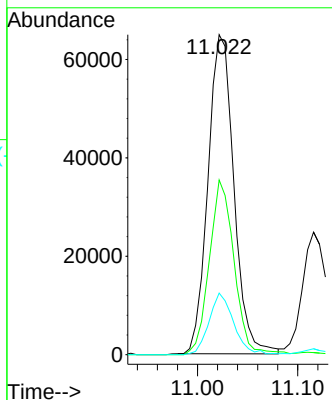
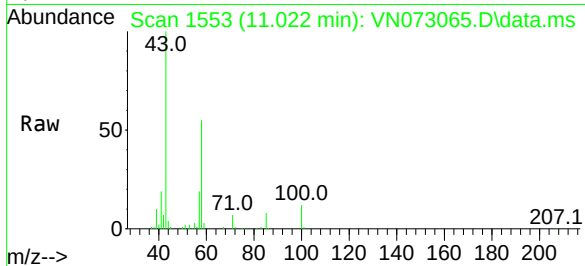




#59
2-Hexanone
Concen: 22.485 ug/l
RT: 11.022 min Scan# 11553
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

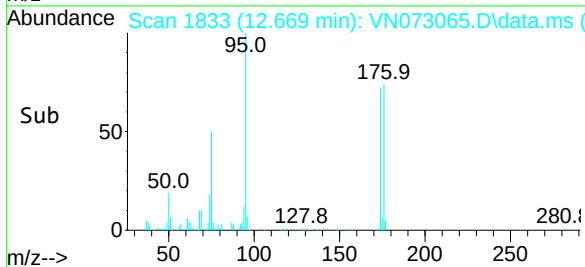
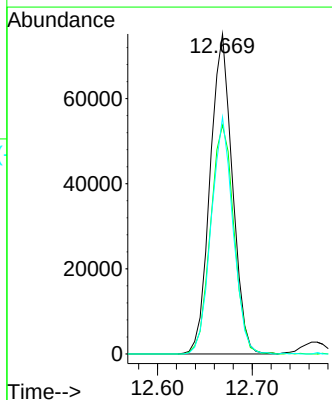
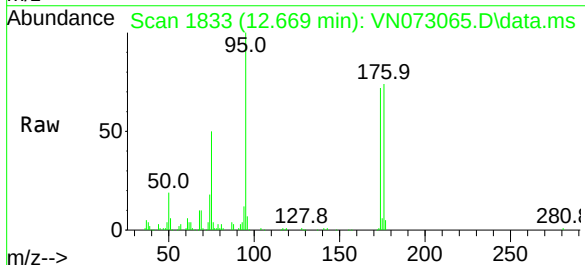
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

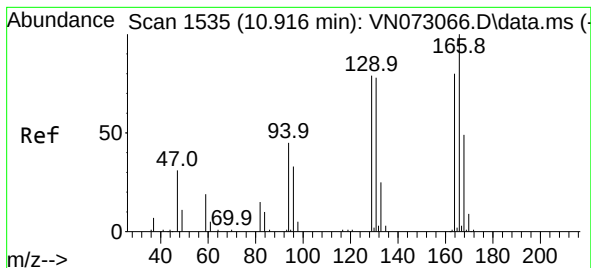
Tgt Ion: 43 Resp: 116730
Ion Ratio Lower Upper
43 100
58 52.2 42.2 63.2
57 18.3 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 26.447 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 95 Resp: 122382
Ion Ratio Lower Upper
95 100
174 75.1 62.9 94.3
176 72.7 61.0 91.4





#61

Tetrachloroethene

Concen: 4.948 ug/l

RT: 10.916 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 14043

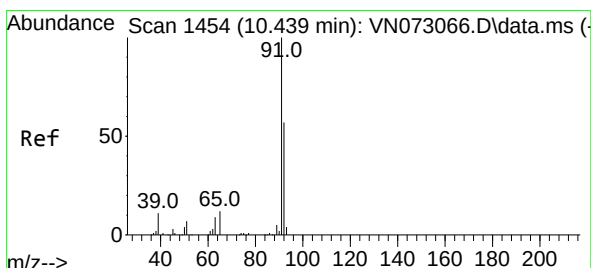
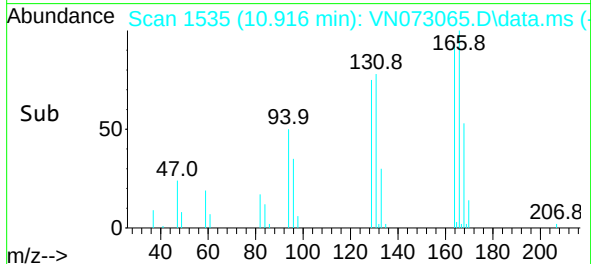
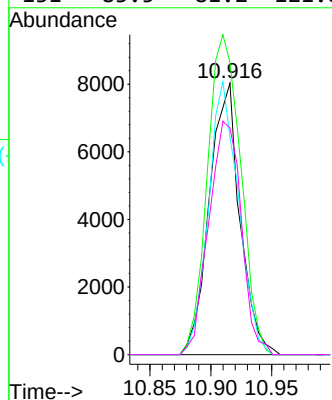
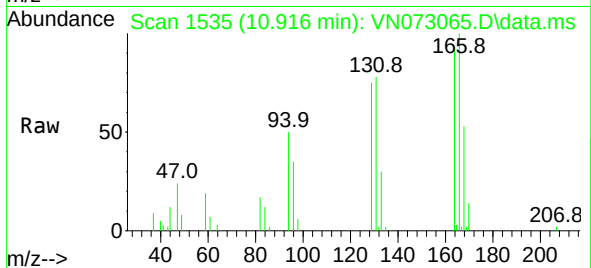
Ion Ratio Lower Upper

164 100

166 107.5 105.8 158.8

129 80.1 82.5 123.7#

131 83.5 81.2 121.8



#62

Toluene

Concen: 4.631 ug/l

RT: 10.439 min Scan# 1454

Delta R.T. 0.000 min

Lab File: VN073065.D

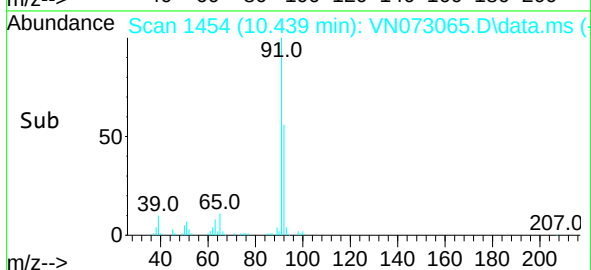
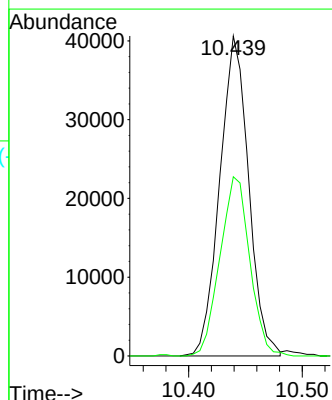
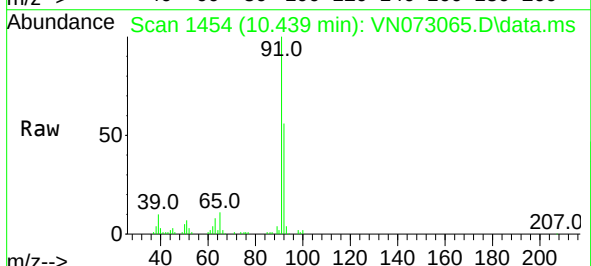
Acq: 23 Jun 2022 23:09

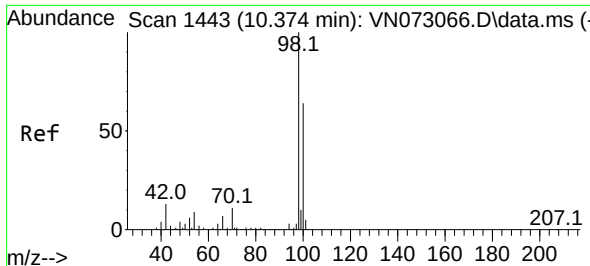
Tgt Ion: 91 Resp: 71676

Ion Ratio Lower Upper

91 100

92 57.9 44.6 67.0

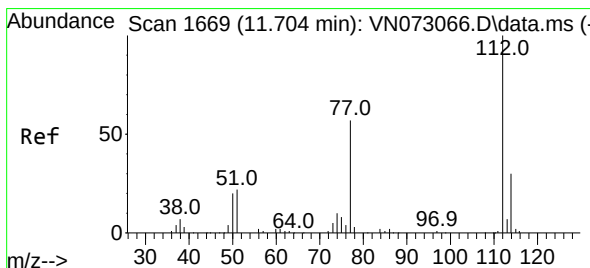
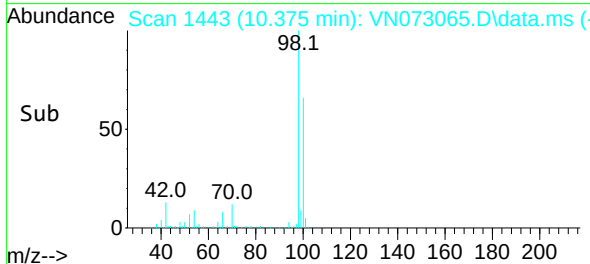
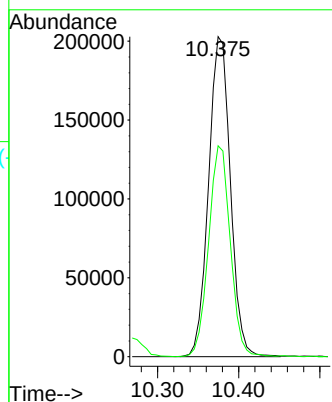
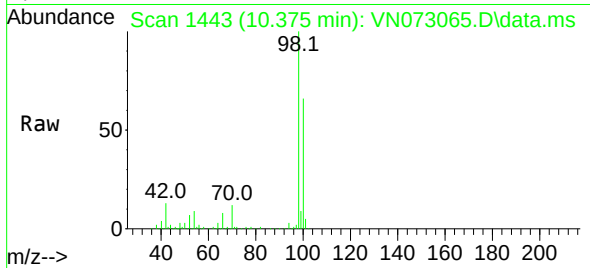




#63
Toluene-d8
Concen: 30.179 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

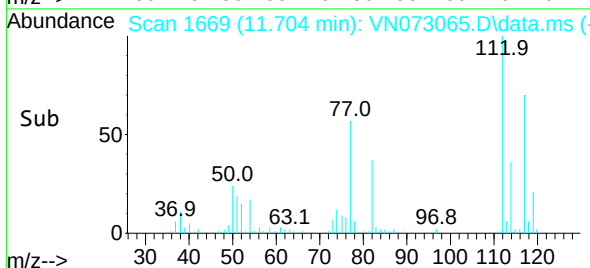
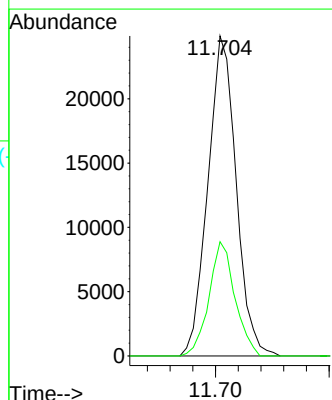
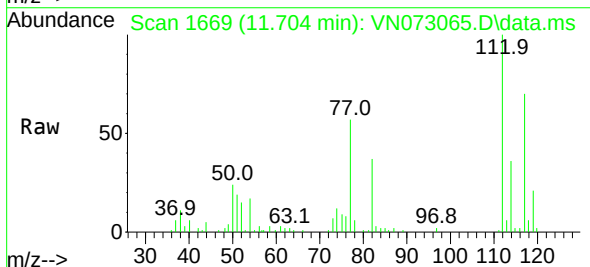
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

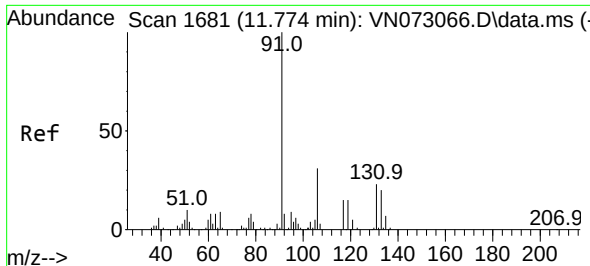
Tgt Ion: 98 Resp: 378527
Ion Ratio Lower Upper
98 100
100 65.6 50.6 76.0



#64
Chlorobenzene
Concen: 4.582 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 112 Resp: 43008
Ion Ratio Lower Upper
112 100
114 35.7 25.8 38.6

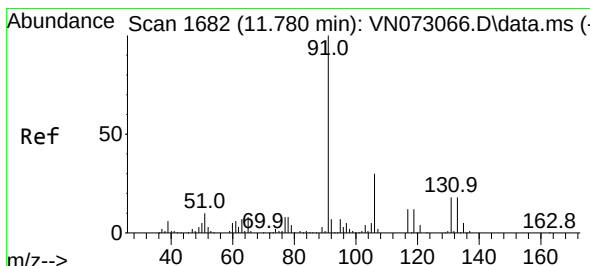
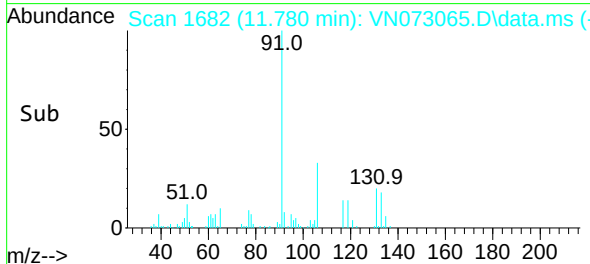
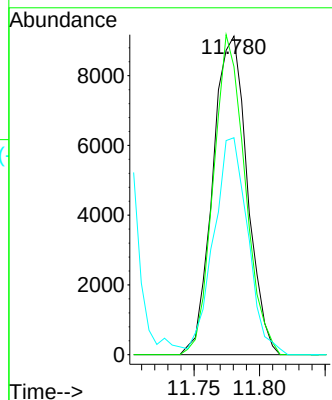
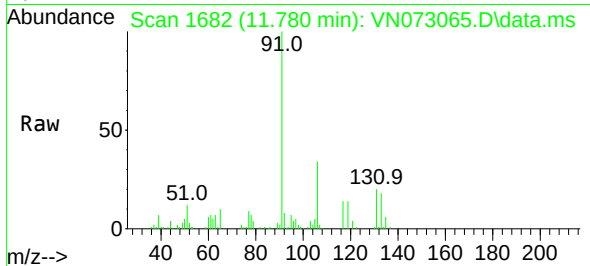




#65
1,1,1,2-Tetrachloroethane
Concen: 4.585 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

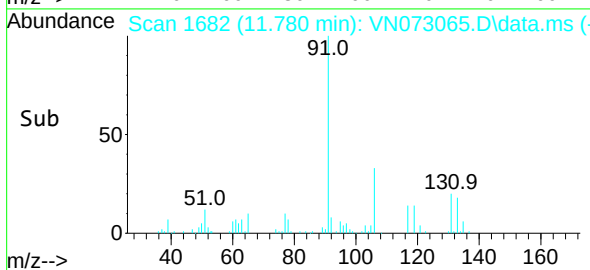
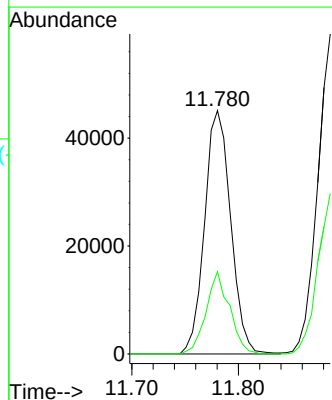
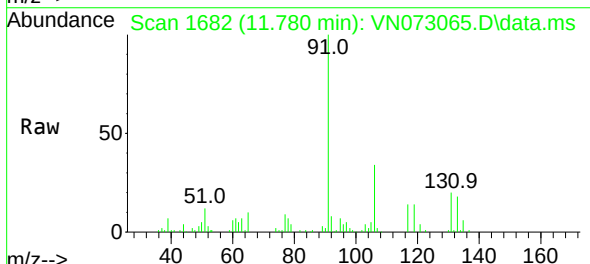
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

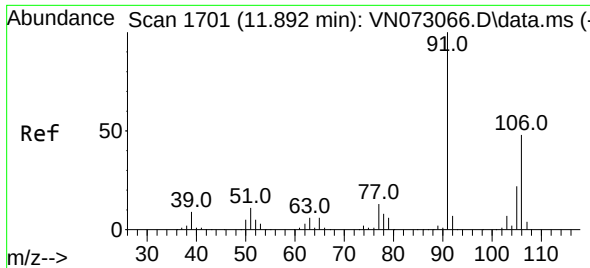
Tgt Ion:131 Resp: 16688
Ion Ratio Lower Upper
131 100
133 91.9 0.0 191.2
119 67.4 0.0 128.8



#66
Ethyl Benzene
Concen: 4.373 ug/l
RT: 11.780 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 91 Resp: 76726
Ion Ratio Lower Upper
91 100
106 33.8 24.0 36.0





#67

m/p-Xylenes

Concen: 8.928 ug/l

RT: 11.886 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

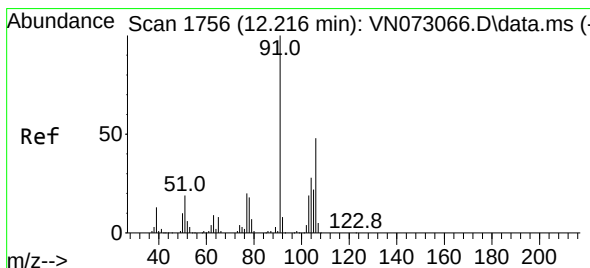
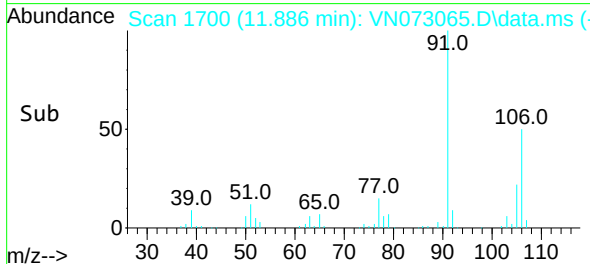
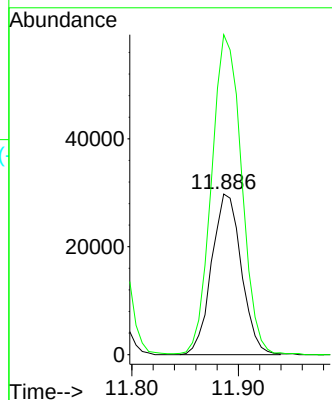
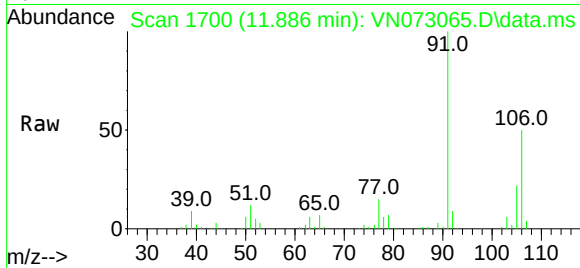
VSTDIC005

Tgt Ion:106 Resp: 57677

Ion Ratio Lower Upper

106 100

91 201.2 162.9 244.3



#68

o-Xylene

Concen: 4.417 ug/l

RT: 12.216 min Scan# 1756

Delta R.T. 0.000 min

Lab File: VN073065.D

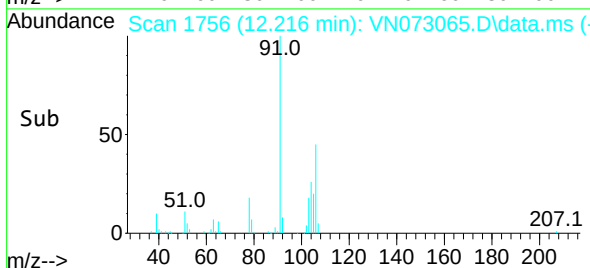
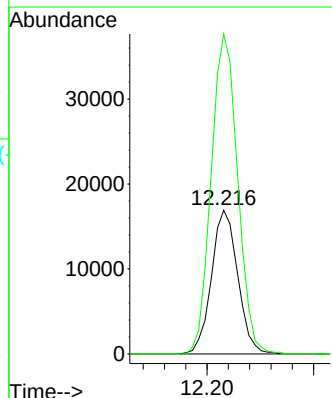
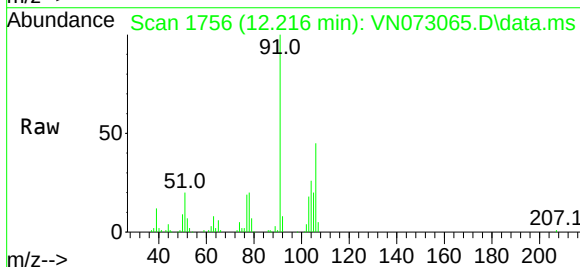
Acq: 23 Jun 2022 23:09

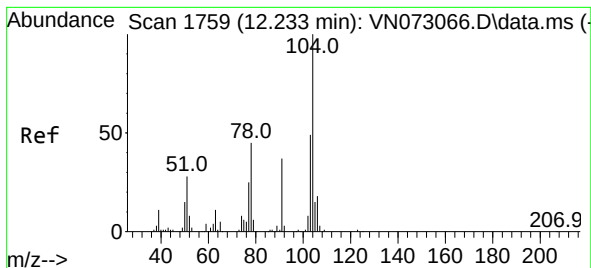
Tgt Ion:106 Resp: 28989

Ion Ratio Lower Upper

106 100

91 223.9 107.7 323.1





#69

Styrene

Concen: 4.031 ug/l

RT: 12.233 min Scan# 1759

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

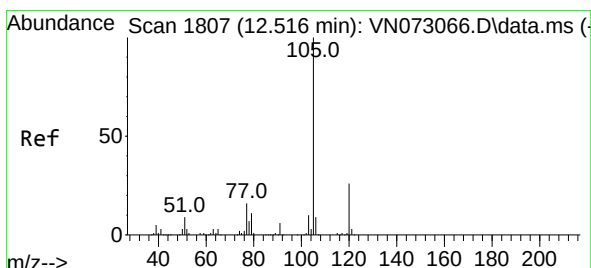
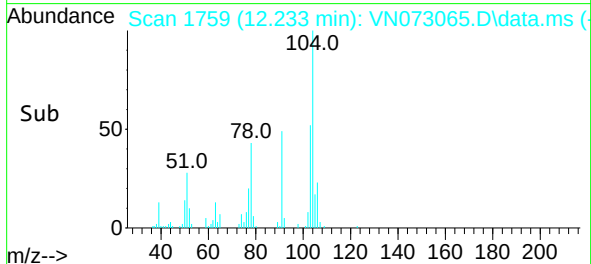
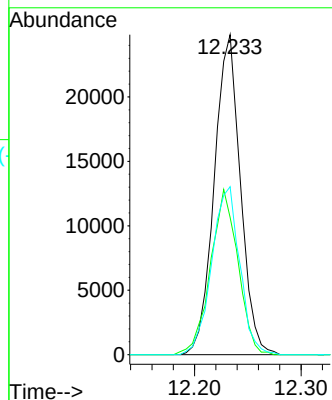
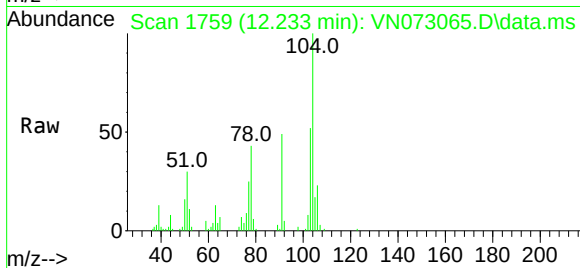
Tgt Ion:104 Resp: 42374

Ion Ratio Lower Upper

104 100

78 54.2 40.7 61.1

103 56.2 45.8 68.8



#70

Isopropylbenzene

Concen: 4.159 ug/l

RT: 12.516 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN073065.D

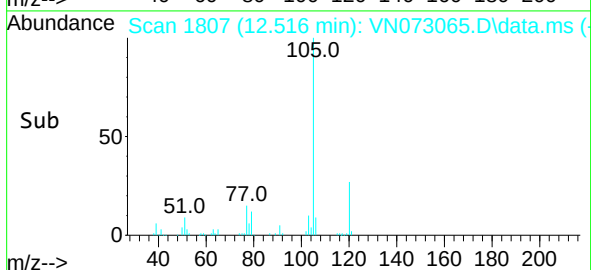
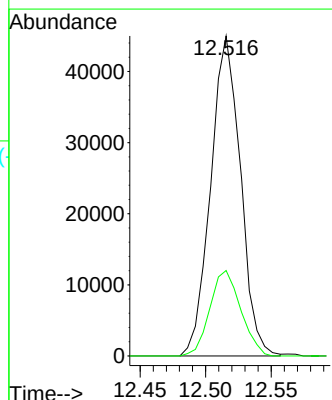
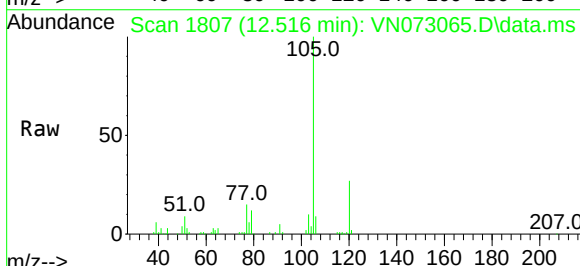
Acq: 23 Jun 2022 23:09

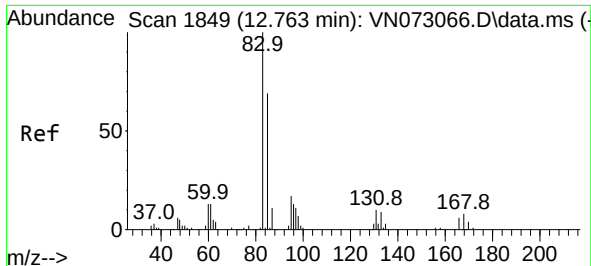
Tgt Ion:105 Resp: 71158

Ion Ratio Lower Upper

105 100

120 27.7 18.3 34.1

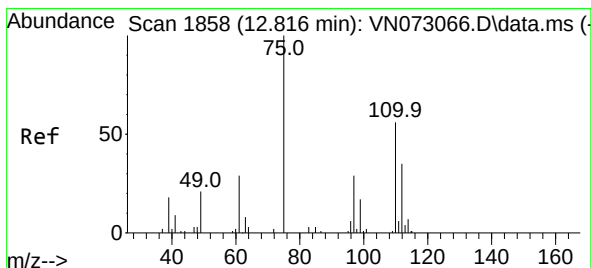
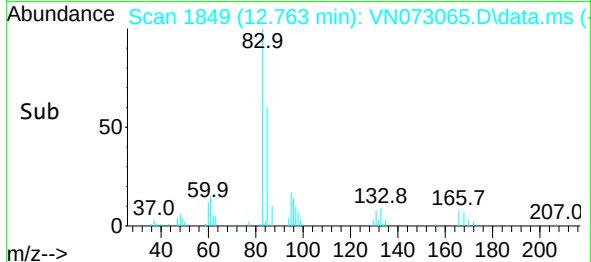
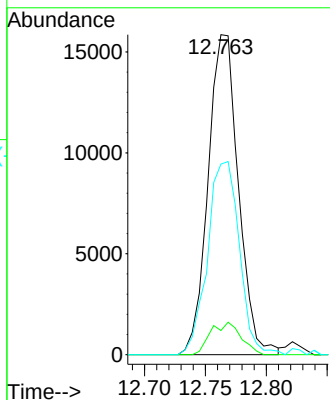
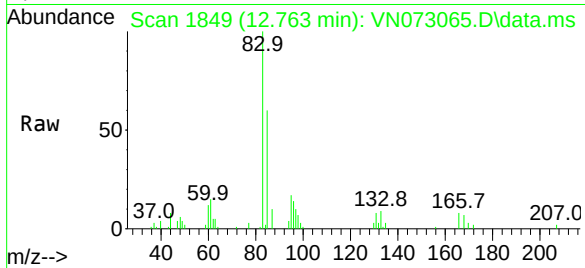




#71
 1,1,2,2-Tetrachloroethane
 Concen: 4.747 ug/l
 RT: 12.763 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

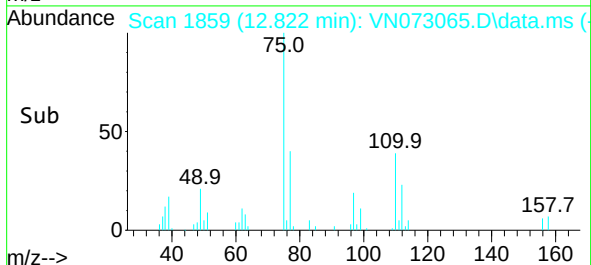
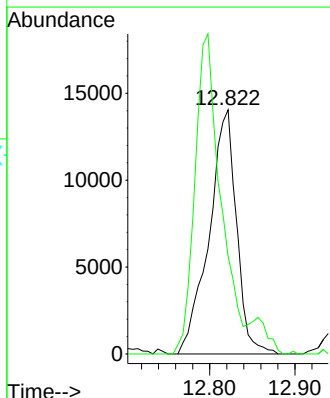
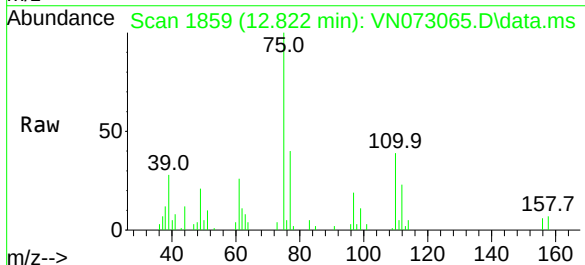
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

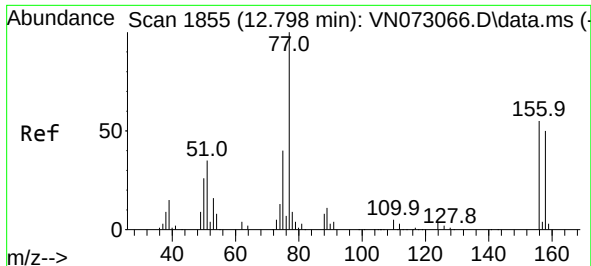
Tgt Ion: 83 Resp: 27502
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 62.6 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 6.496 ug/l
 RT: 12.822 min Scan# 1859
 Delta R.T. 0.006 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

Tgt Ion: 75 Resp: 31563
 Ion Ratio Lower Upper
 75 100
 77 121.9 0.0 378.0

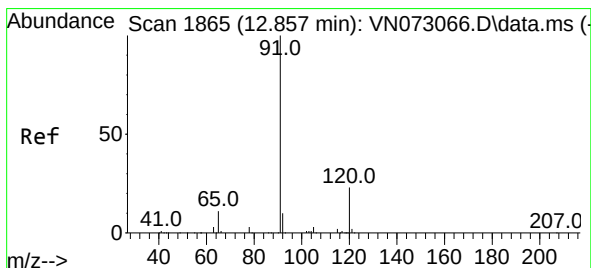
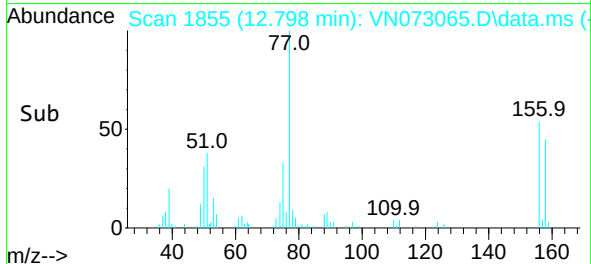
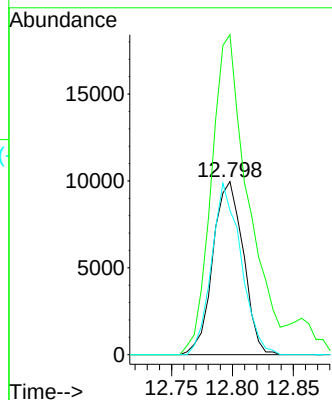
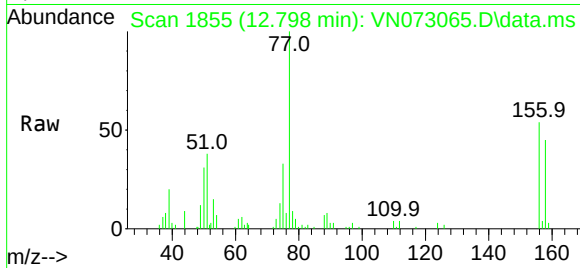




#73
Bromobenzene
Concen: 4.860 ug/l
RT: 12.798 min Scan# 1855
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

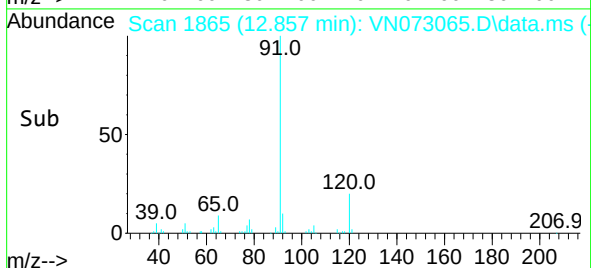
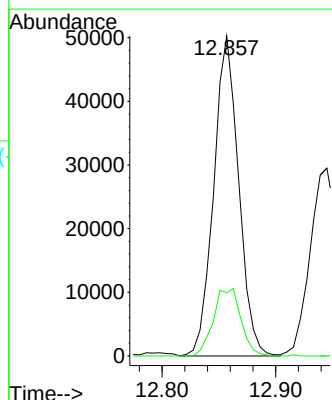
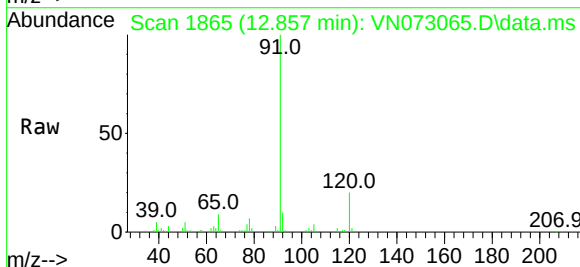
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

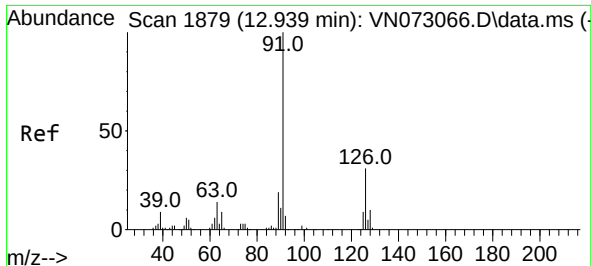
Tgt Ion:156 Resp: 17327
Ion Ratio Lower Upper
156 100
77 222.0 0.0 416.0
158 96.0 0.0 195.4



#74
n-propylbenzene
Concen: 3.921 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 91 Resp: 76700
Ion Ratio Lower Upper
91 100
120 23.2 0.0 45.0

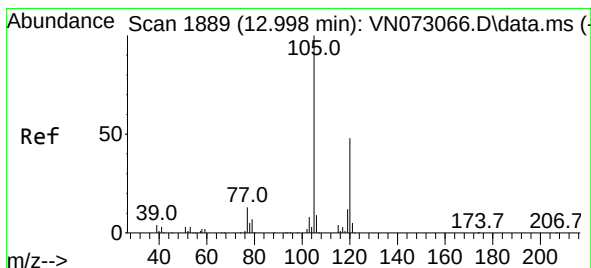
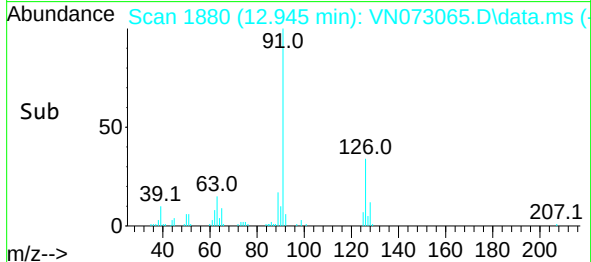
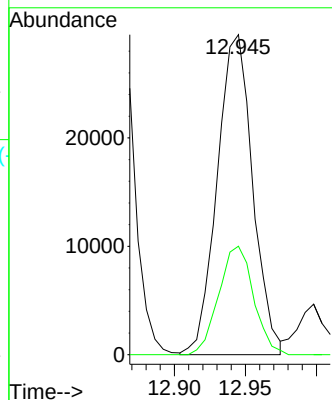
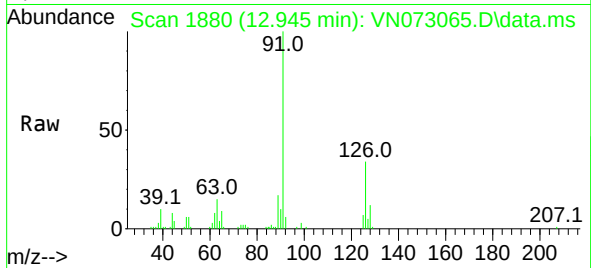




#75
2-Chlorotoluene
Concen: 4.221 ug/l
RT: 12.945 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

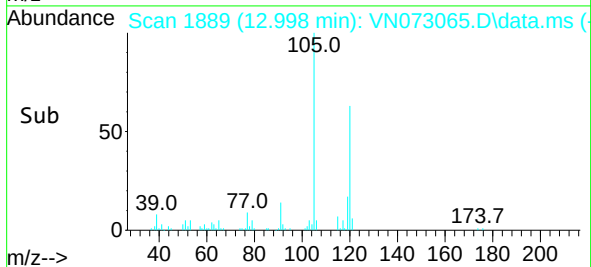
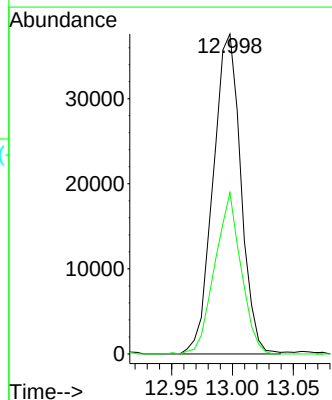
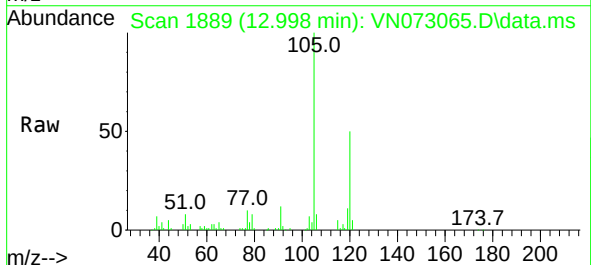
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

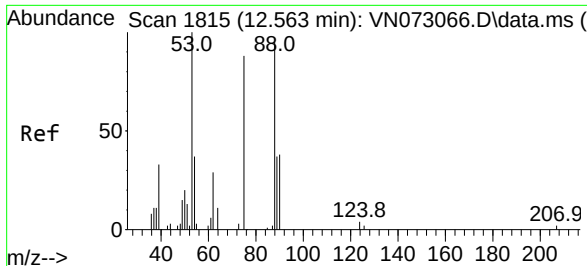
Tgt Ion: 91 Resp: 51398
Ion Ratio Lower Upper
91 100
126 33.1 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 4.230 ug/l
RT: 12.998 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 105 Resp: 59552
Ion Ratio Lower Upper
105 100
120 47.6 0.0 93.8

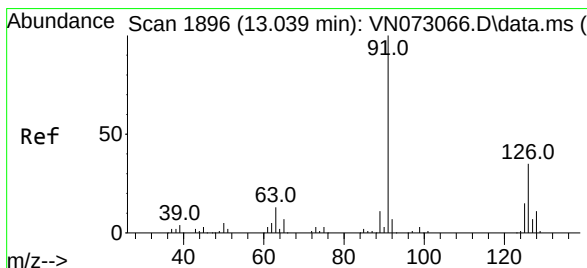
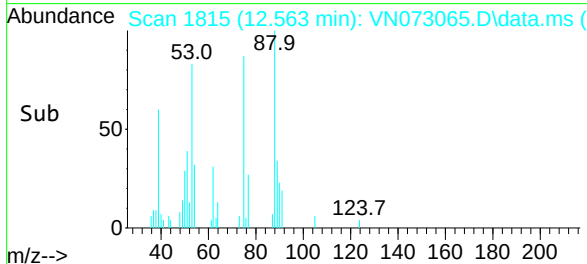
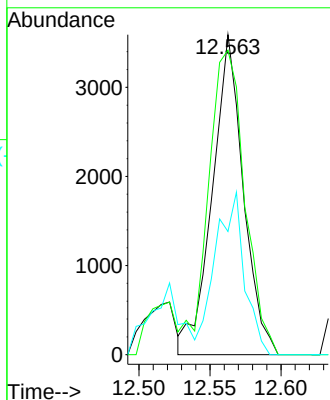
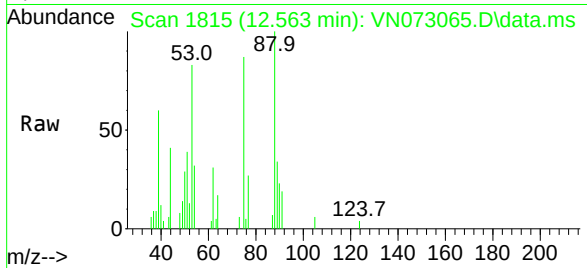




#77
t-1,4-Dichloro-2-butene
Concen: 2.734 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

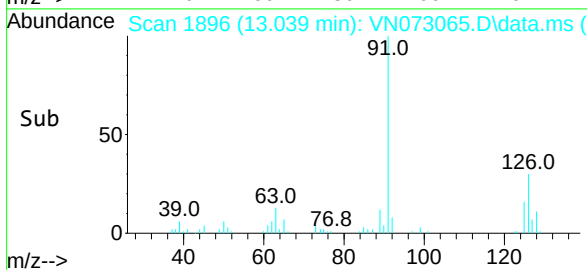
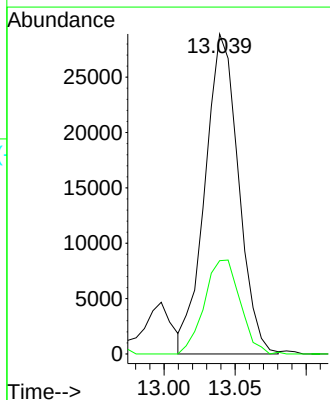
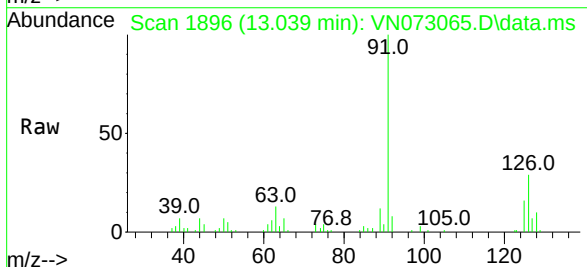
Instrument : MSVOA_N
ClientSampleId : VSTDIC005

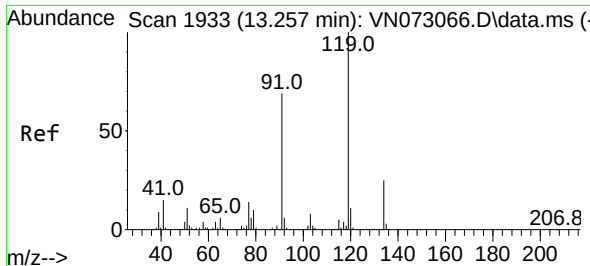
Tgt Ion: 75 Resp: 5445
Ion Ratio Lower Upper
75 100
53 95.1 51.8 155.5
89 38.5 22.9 68.7



#78
4-Chlorotoluene
Concen: 4.111 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion: 91 Resp: 47342
Ion Ratio Lower Upper
91 100
126 31.2 0.0 70.6

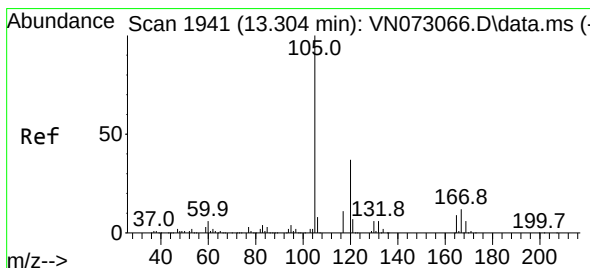
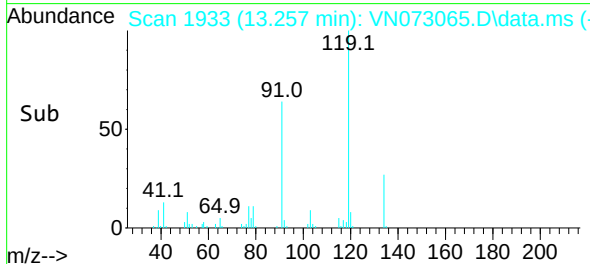
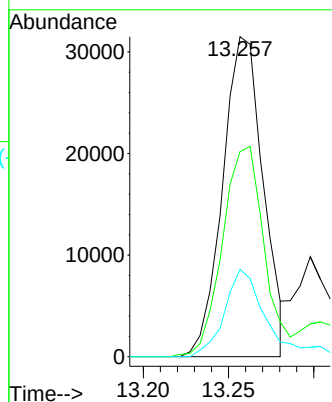
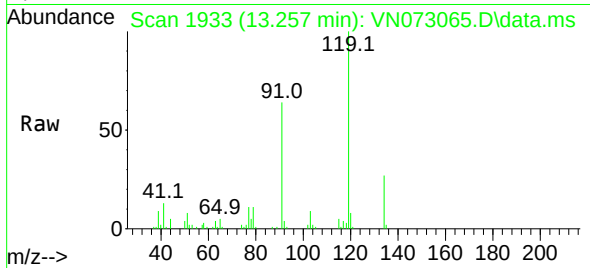




#79
tert-butylbenzene
Concen: 4.152 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

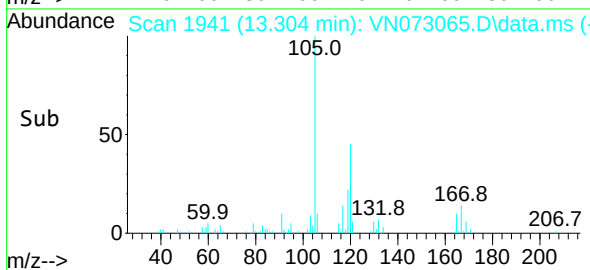
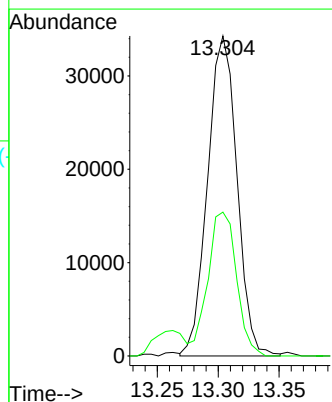
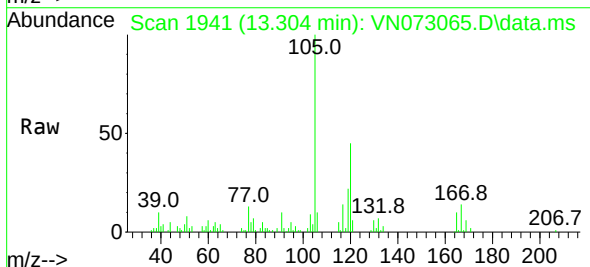
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

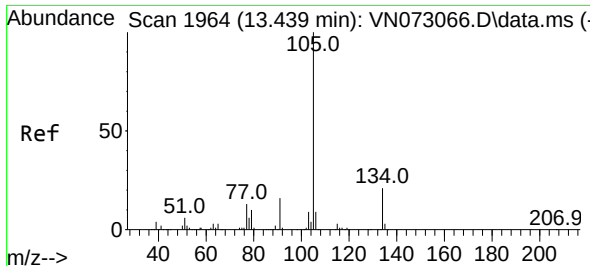
Tgt Ion:119 Resp: 52016
Ion Ratio Lower Upper
119 100
91 67.4 0.0 137.0
134 26.4 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 3.490 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion:105 Resp: 57485
Ion Ratio Lower Upper
105 100
120 44.0 0.0 0.2#

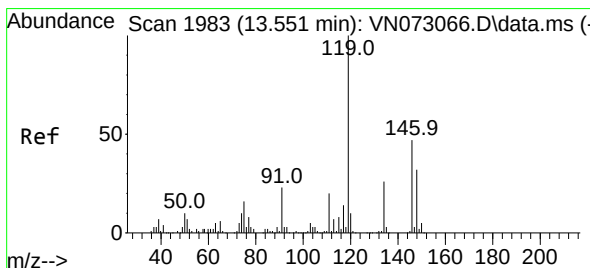
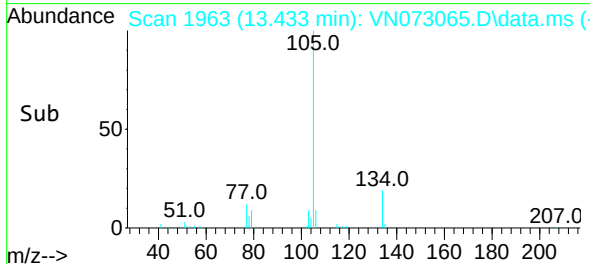
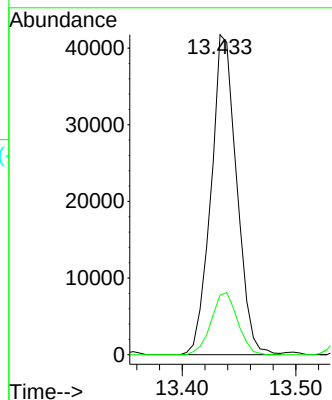
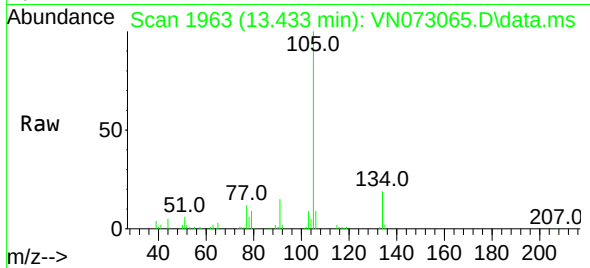




#81
 sec-Butylbenzene
 Concen: 3.861 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

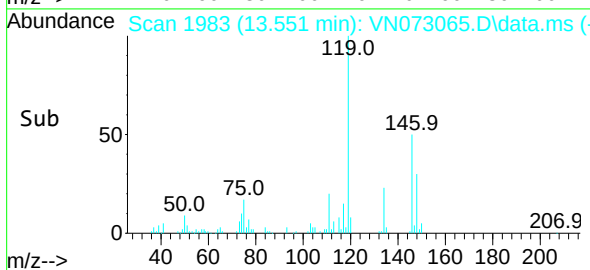
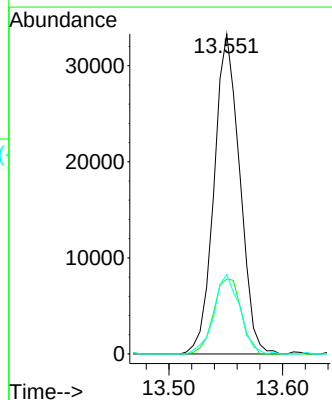
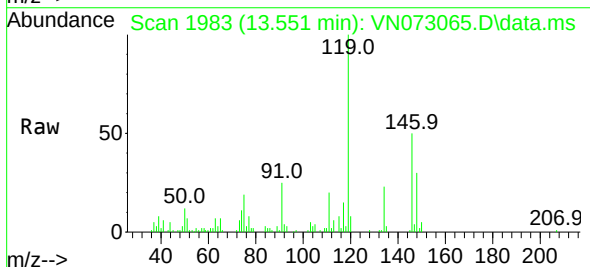
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

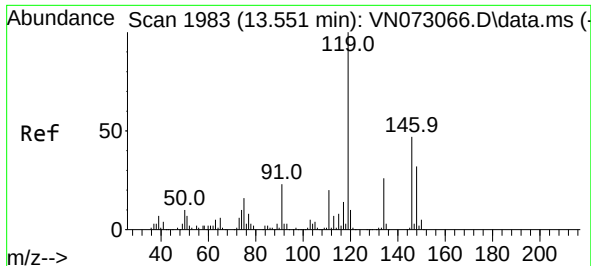
Tgt Ion:105 Resp: 65584
 Ion Ratio Lower Upper
 105 100
 134 19.8 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 3.822 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN073065.D
 Acq: 23 Jun 2022 23:09

Tgt Ion:119 Resp: 52214
 Ion Ratio Lower Upper
 119 100
 134 25.2 0.0 51.8
 91 25.1 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 4.532 ug/l

RT: 13.545 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

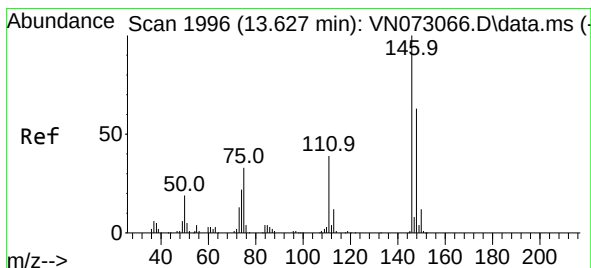
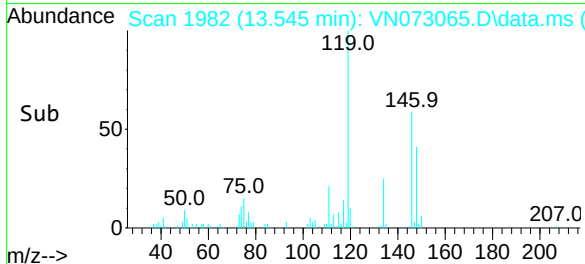
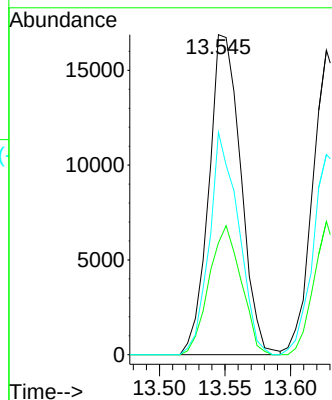
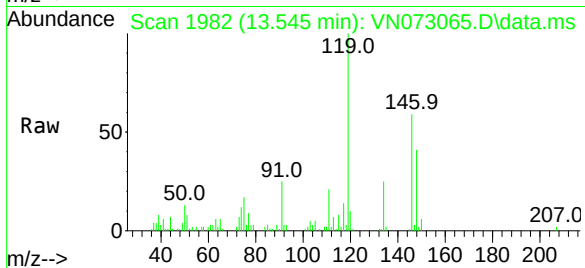
Tgt Ion:146 Resp: 28617

Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.2

148 63.3 31.4 94.3



#84

1,4-Dichlorobenzene

Concen: 4.445 ug/l

RT: 13.627 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

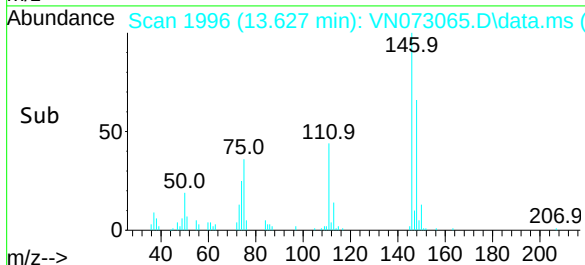
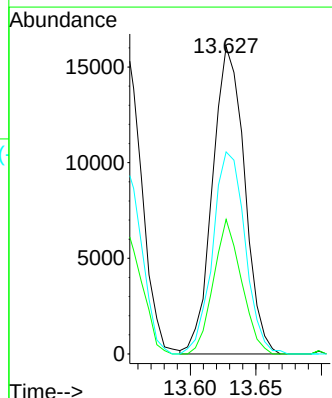
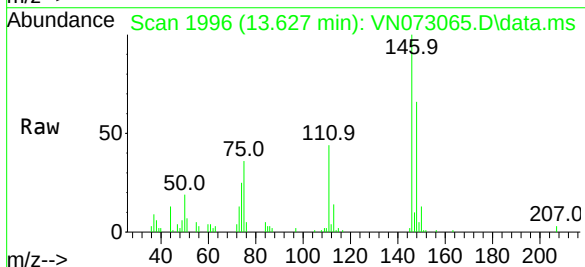
Tgt Ion:146 Resp: 27328

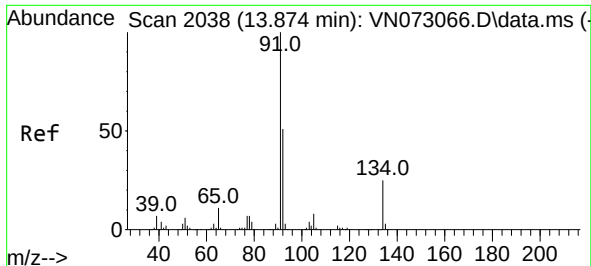
Ion Ratio Lower Upper

146 100

111 38.3 19.5 58.5

148 66.5 31.1 93.5

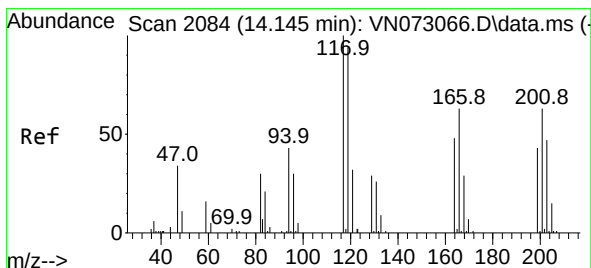
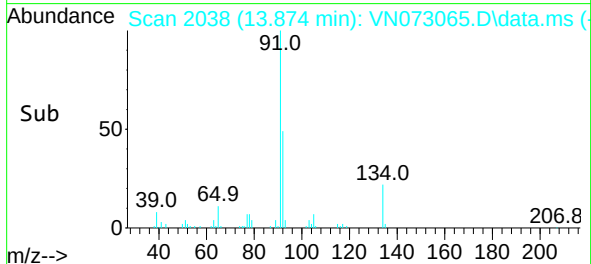
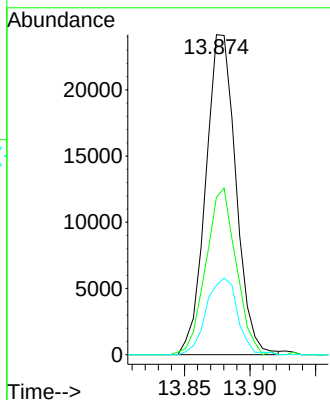
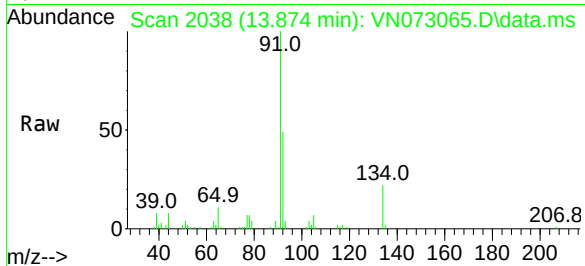




#85
n-Butylbenzene
Concen: 3.393 ug/l
RT: 13.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

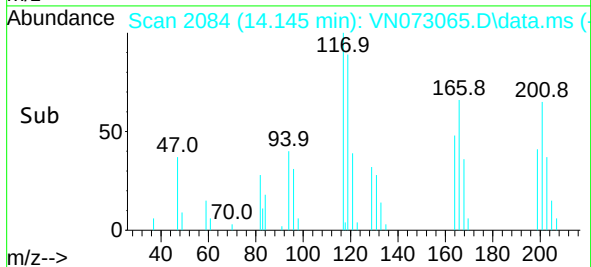
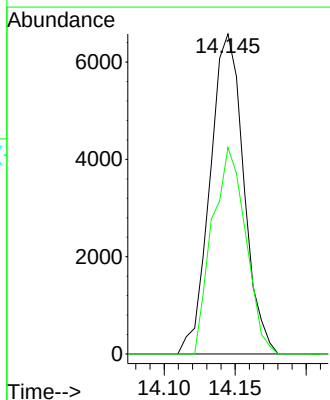
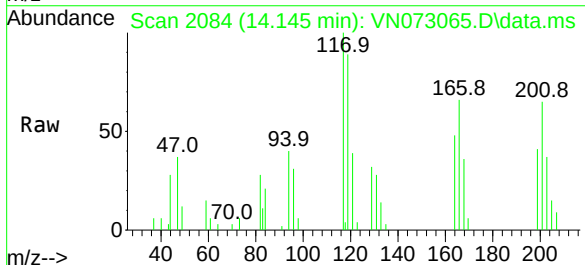
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

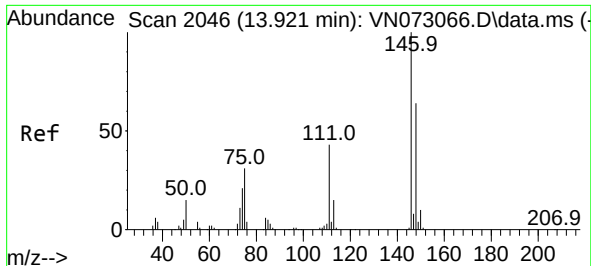
Tgt Ion:	91	Resp:	38699
Ion	Ratio	Lower	Upper
91	100		
92	51.9	0.0	100.6
134	24.4	0.0	50.2



#86
Hexachloroethane
Concen: 3.725 ug/l
RT: 14.145 min Scan# 2084
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion:	117	Resp:	10841
Ion	Ratio	Lower	Upper
117	100		
201	64.0	33.3	99.8





#87

1,2-Dichlorobenzene

Concen: 4.969 ug/l

RT: 13.921 min Scan# 2046

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

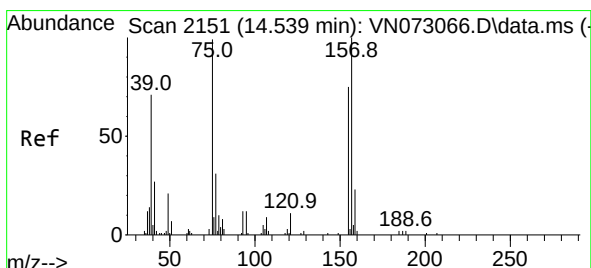
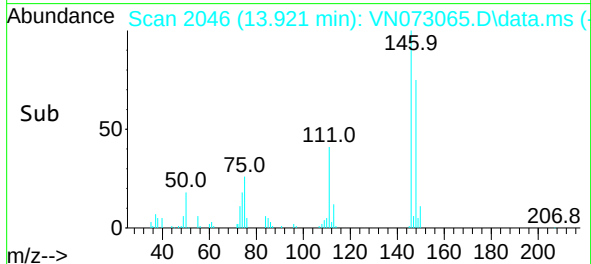
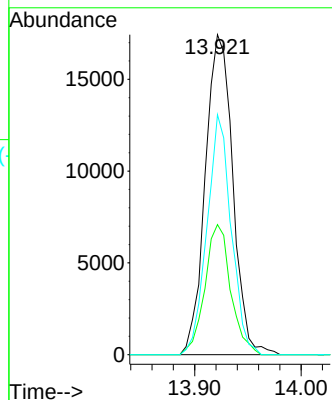
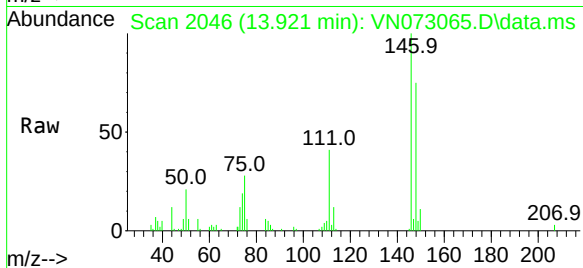
Tgt Ion:146 Resp: 31305

Ion Ratio Lower Upper

146 100

111 38.3 21.4 64.2

148 66.1 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.215 ug/l

RT: 14.533 min Scan# 2150

Delta R.T. -0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

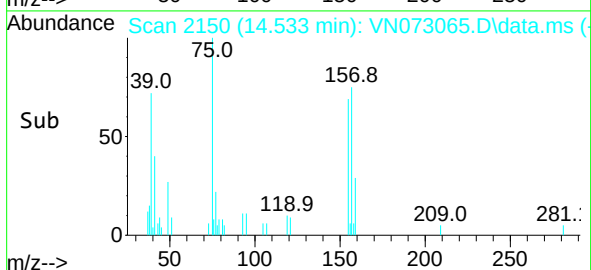
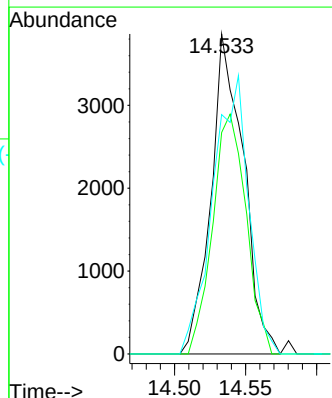
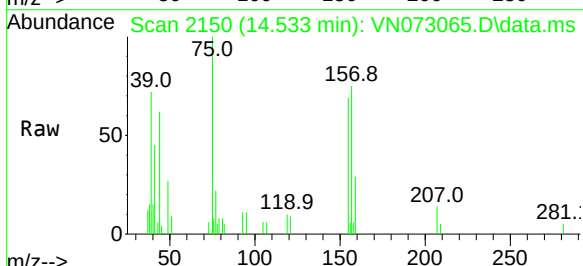
Tgt Ion: 75 Resp: 6146

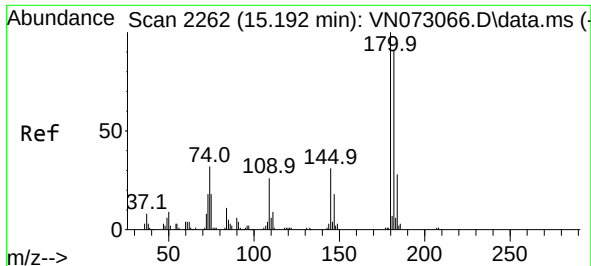
Ion Ratio Lower Upper

75 100

155 77.3 63.8 95.8

157 95.5 77.9 116.9

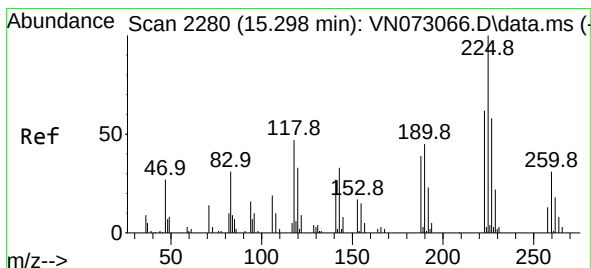
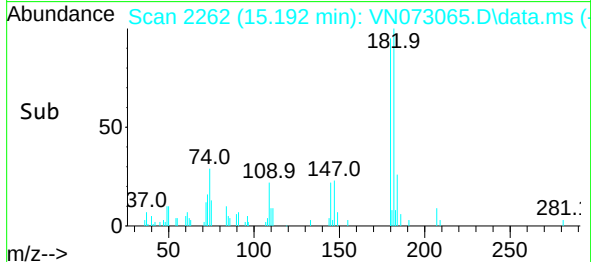
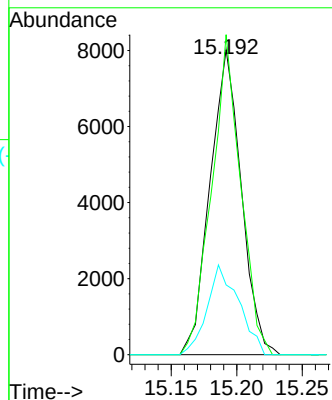
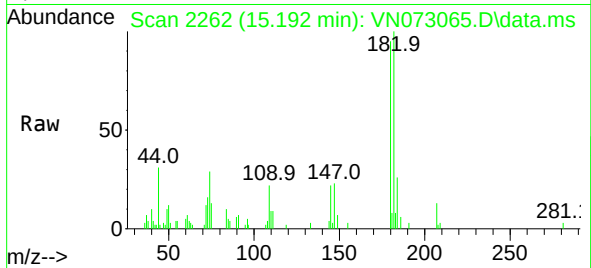




#89
1,2,4-Trichlorobenzene
Concen: 4.180 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

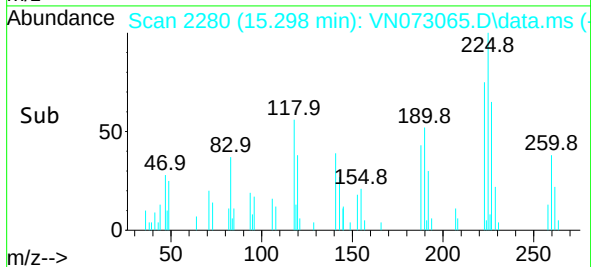
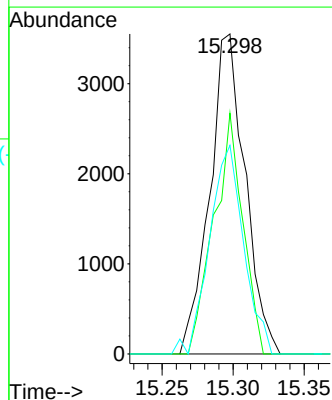
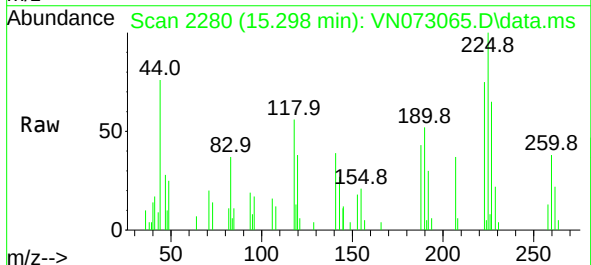
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

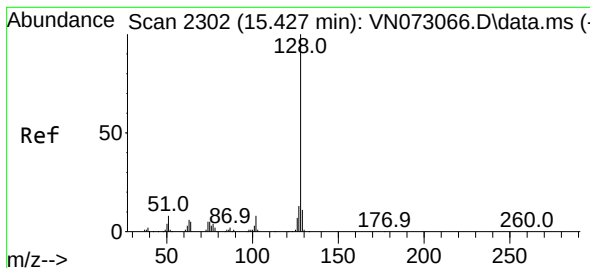
Tgt Ion:180 Resp: 13303
Ion Ratio Lower Upper
180 100
182 96.9 77.7 116.5
145 29.9 26.6 39.8



#90
Hexachlorobutadiene
Concen: 4.454 ug/l
RT: 15.298 min Scan# 2280
Delta R.T. 0.000 min
Lab File: VN073065.D
Acq: 23 Jun 2022 23:09

Tgt Ion:225 Resp: 6158
Ion Ratio Lower Upper
225 100
223 61.7 0.0 126.8
227 61.9 0.0 123.0





#91

Naphthalene

Concen: 4.325 ug/l

RT: 15.433 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

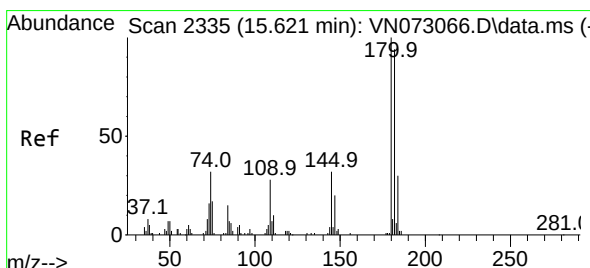
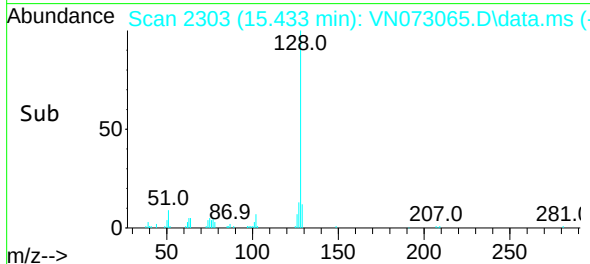
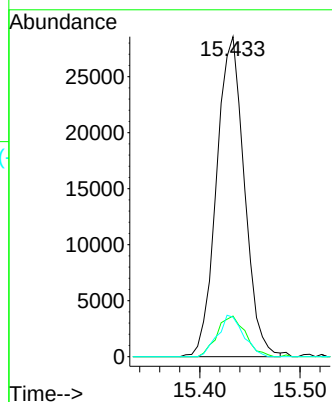
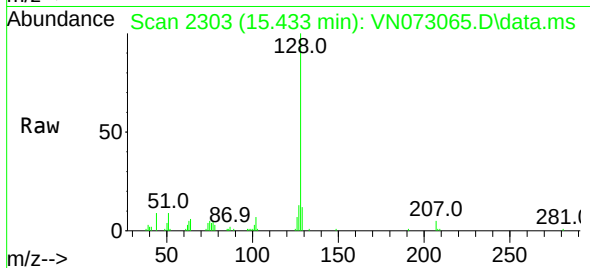
Tgt Ion:128 Resp: 55120

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 12.0 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 4.375 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN073065.D

Acq: 23 Jun 2022 23:09

Tgt Ion:180 Resp: 14246

Ion Ratio Lower Upper

180 100

182 94.3 0.0 190.0

145 33.7 0.0 67.8

