

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072657.D
 Acq On : 06 Jun 2022 11:17
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Jun 06 13:11:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 13:10:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.651	128	43811	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	268315	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	241354	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	154720	35.050	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 116.833%#	
60) 4-Bromofluorobenzene	12.727	95	143931	33.113	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 110.367%	
63) Toluene-d8	10.439	98	412493	30.145	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	65477	21.908	ug/l	99
3) Chloromethane	2.298	50	70425	17.875	ug/l	95
4) Vinyl Chloride	2.440	62	64656	19.425	ug/l	94
5) Bromomethane	2.851	94	32437	19.610	ug/l	97
6) Chloroethane	3.016	64	45955	21.714	ug/l	98
7) Trichlorofluoromethane	3.369	101	117293	23.924	ug/l	99
8) Diethyl Ether	3.822	74	45418	22.670	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.204	101	61599	22.992	ug/l	76
10) 1,1-Dichloroethene	4.181	96	56762	21.914	ug/l	87
11) Methyl Iodide	4.416	142	60095	23.515	ug/l	94
12) Methyl Acetate	4.851	43	116655	22.354	ug/l	90
13) Acrolein	4.034	56	48798	85.412	ug/l	100
14) Acrylonitrile	5.545	53	246628	110.882	ug/l	98
15) Acetone	4.281	58	66762	115.815	ug/l	94
16) Carbon Disulfide	4.534	76	137762	19.695	ug/l	96
17) Allyl chloride	4.839	41	125099	22.711	ug/l	93
18) Methylene Chloride	5.092	84	73593	21.767	ug/l	93
19) trans-1,2-Dichloroethene	5.592	96	63138	22.282	ug/l	88
20) Diisopropyl ether	6.492	45	255412	20.504	ug/l #	95
21) 1,1-Dichloroethane	6.381	63	137111	21.429	ug/l	97
22) cis-1,2-Dichloroethene	7.316	96	79847	21.904	ug/l	91
23) tert-Butyl Alcohol	5.351	59	117487	141.830	ug/l #	100
24) Methyl tert-Butyl Ether	5.604	73	261756	24.978	ug/l	98
25) Chloroform	7.810	83	143061	21.768	ug/l	96
26) Cyclohexane	8.092	56	114833	19.260	ug/l #	92
29) 1,1-Dichloropropene	8.216	75	97714	19.779	ug/l	95
30) 2-Butanone	7.328	43	360941	107.398	ug/l	95
31) 2,2-Dichloropropane	7.316	77	135322	25.434	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	130814	23.014	ug/l	97
33) Carbon Tetrachloride	8.204	117	111892	22.273	ug/l	98
34) Benzene	8.457	78	294107	19.135	ug/l	98
35) Methacrylonitrile	7.628	41	67353	19.487	ug/l	92
36) 1,2-Dichloroethane	8.527	62	126864	23.883	ug/l	100
37) Trichloroethene	9.210	130	69695	18.990	ug/l	92
38) Methylcyclohexane	9.457	83	116312	19.067	ug/l	92
39) 1,2-Dichloropropane	9.486	63	80622	19.541	ug/l	97
40) Dibromomethane	9.574	93	55134	20.739	ug/l	97
41) Bromodichloromethane	9.757	83	120154	22.117	ug/l	94
42) Vinyl Acetate	6.428	43	1181806	107.182	ug/l	99

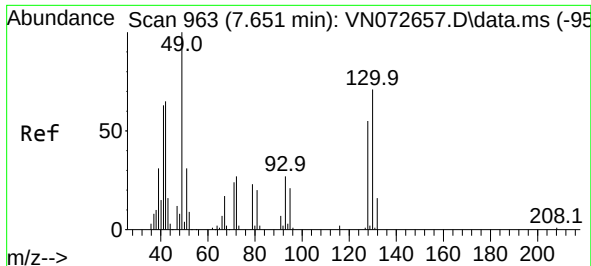
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	142045	21.683	ug/l	97
44) Isopropyl Acetate	8.557	43	229023	22.247	ug/l	98
45) 1,4-Dioxane	9.563	88	38956	451.823	ug/l #	86
46) Methyl methacrylate	9.557	41	100025	20.722	ug/l	89
47) n-amyl Acetate	12.386	43	162632	21.669	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	131764	22.220	ug/l	97
49) cis-1,3-Dichloropropene	10.186	75	134886	21.144	ug/l	96
50) 1,1,2-Trichloroethane	10.892	97	79995	20.599	ug/l	98
51) Ethyl methacrylate	10.757	69	140735	21.151	ug/l	92
52) 1,3-Dichloropropane	11.039	76	143139	20.808	ug/l	97
53) Dibromochloromethane	11.233	129	86054	21.285	ug/l	99
54) 1,2-Dibromoethane	11.345	107	82290	20.606	ug/l	99
55) 2-Chloroethyl vinyl ether	10.033	63	256454	89.597	ug/l	98
56) Bromoform	12.451	173	57586	20.063	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	725150	104.329	ug/l	99
59) 2-Hexanone	11.080	43	540978	108.075	ug/l	100
61) Tetrachloroethene	10.974	164	59901	19.400	ug/l	97
62) Toluene	10.504	91	323350	19.646	ug/l	98
64) Chlorobenzene	11.768	112	194502	20.092	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.839	131	79812	20.744	ug/l	98
66) Ethyl Benzene	11.839	91	368885	19.936	ug/l	99
67) m/p-Xylenes	11.951	106	265958	39.946	ug/l	93
68) o-Xylene	12.274	106	138129	20.682	ug/l	94
69) Styrene	12.292	104	208336	19.758	ug/l	95
70) Isopropylbenzene	12.574	105	355158	20.780	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	122140	20.851	ug/l	98
72) 1,2,3-Trichloropropane	12.874	75	165939	29.917	ug/l	47
73) Bromobenzene	12.857	156	71217	19.326	ug/l	76
74) n-propylbenzene	12.915	91	393941	20.326	ug/l	97
75) 2-Chlorotoluene	13.004	91	247283	20.902	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	287964	21.152	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	42395	21.414	ug/l	93
78) 4-Chlorotoluene	13.104	91	229266	21.232	ug/l	90
79) tert-butylbenzene	13.321	119	259002	21.746	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	338515	24.702	ug/l	100
81) sec-Butylbenzene	13.498	105	338515	19.785	ug/l	99
82) p-Isopropyltoluene	13.609	119	263666	19.868	ug/l	98
83) 1,3-Dichlorobenzene	13.609	146	118100	18.383	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	115982	18.556	ug/l	97
85) n-Butylbenzene	13.939	91	218001	19.709	ug/l	97
86) Hexachloroethane	14.204	117	61158	22.393	ug/l	91
87) 1,2-Dichlorobenzene	13.980	146	119214	18.884	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	29820	24.470	ug/l #	83
89) 1,2,4-Trichlorobenzene	15.262	180	57589	18.315	ug/l	99
90) Hexachlorobutadiene	15.362	225	28024	18.177	ug/l	99
91) Naphthalene	15.503	128	228978	20.072	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	57911	18.156	ug/l	96

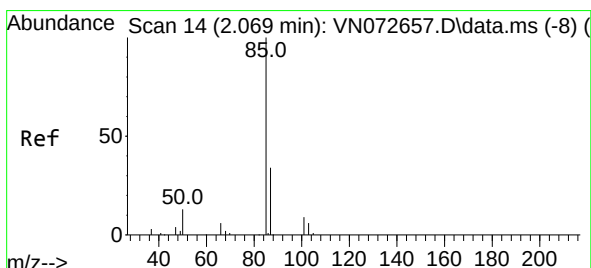
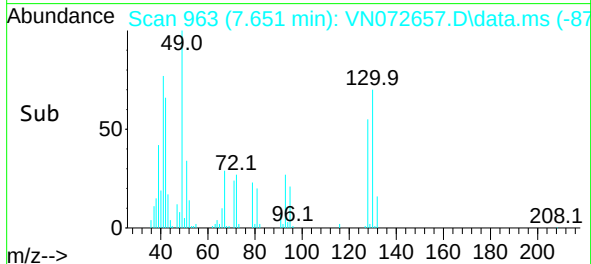
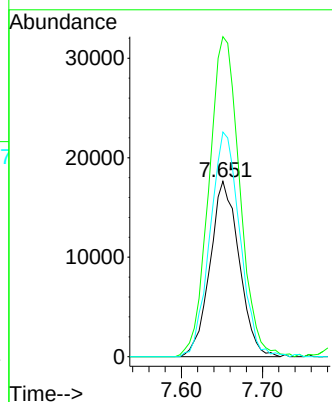
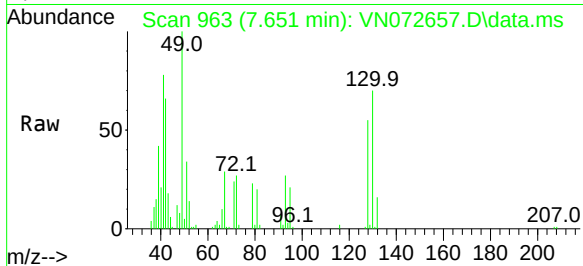
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 9
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

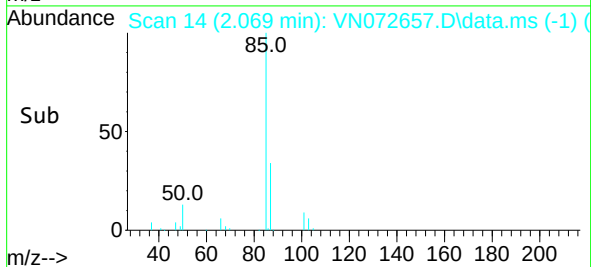
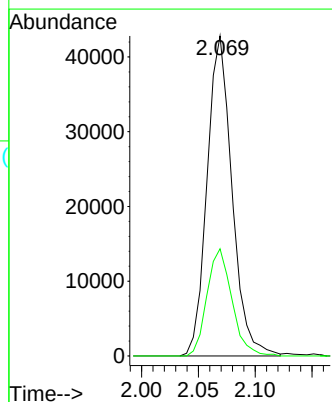
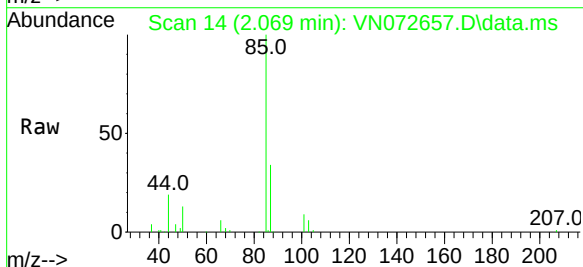
Instrument :
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VSTDICCC020

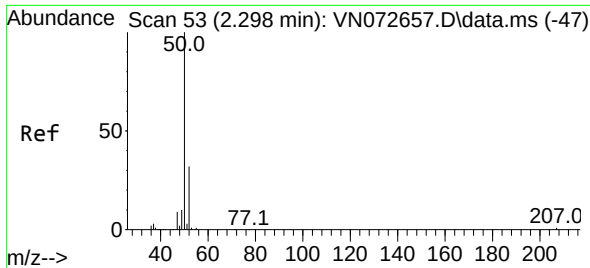
Tgt Ion:128 Resp: 43811
Ion Ratio Lower Upper
128 100
49 192.9 0.0 392.3
130 131.0 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 21.908 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 85 Resp: 65477
Ion Ratio Lower Upper
85 100
87 33.5 16.6 49.7

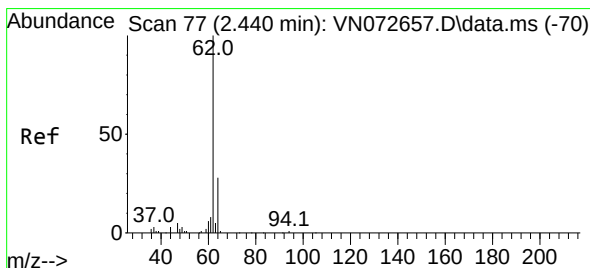
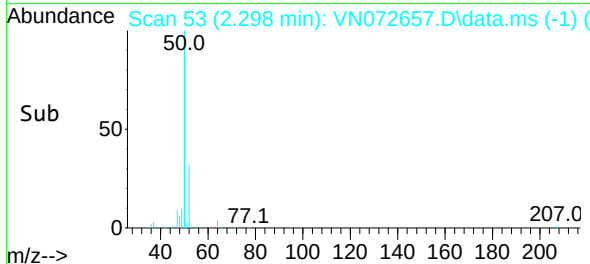
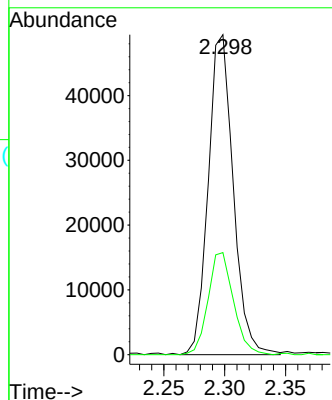
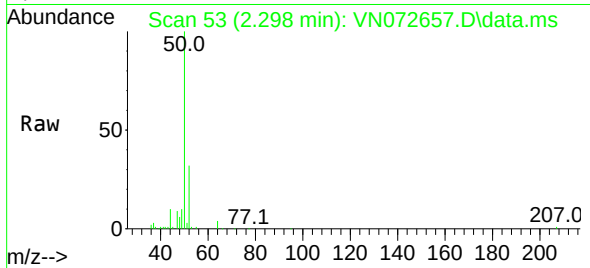




#3
Chloromethane
Concen: 17.875 ug/l
RT: 2.298 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

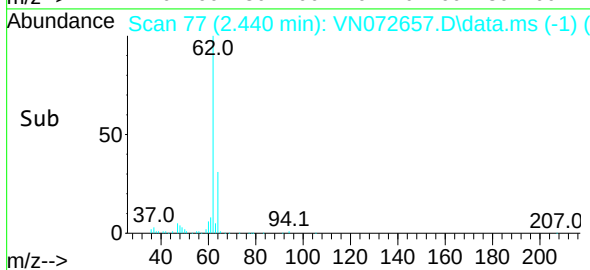
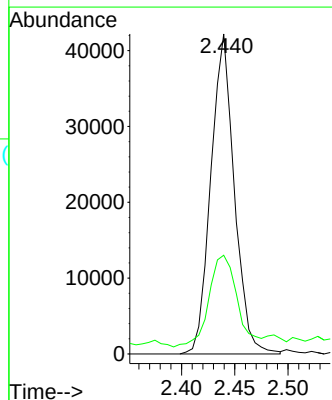
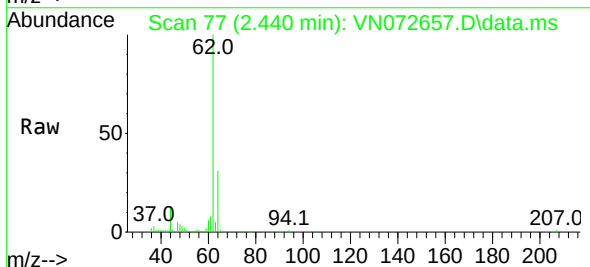
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ClientSampleId :
VSTDICCC020

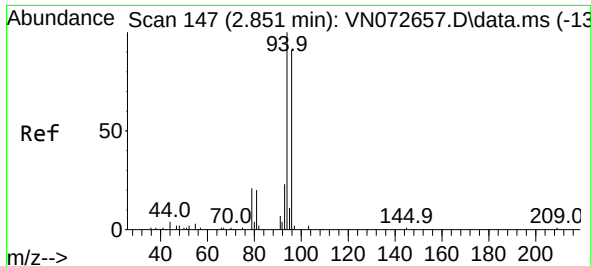
Tgt Ion: 50 Resp: 70425
Ion Ratio Lower Upper
50 100
52 31.9 27.8 41.6



#4
Vinyl Chloride
Concen: 19.425 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 62 Resp: 64656
Ion Ratio Lower Upper
62 100
64 27.8 25.1 37.7

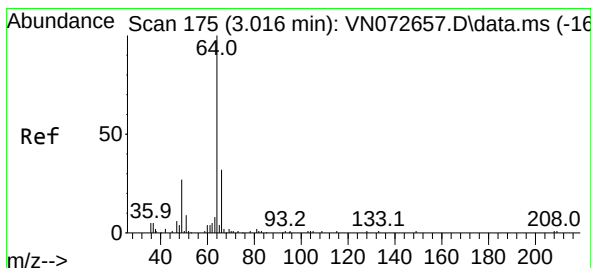
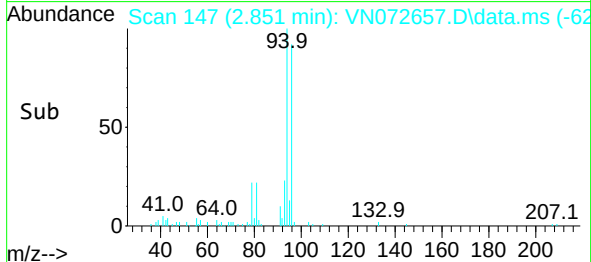
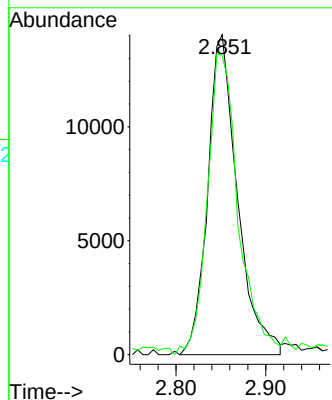
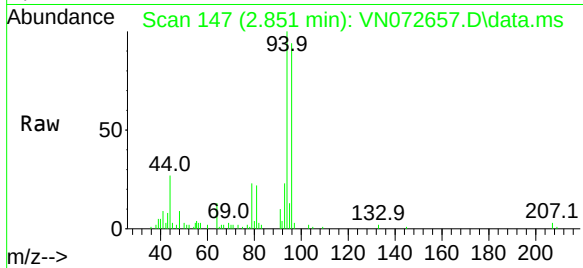




#5
Bromomethane
Concen: 19.610 ug/l
RT: 2.851 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

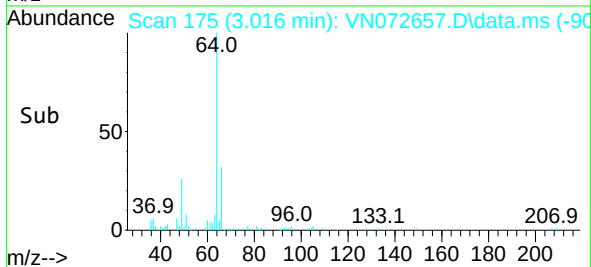
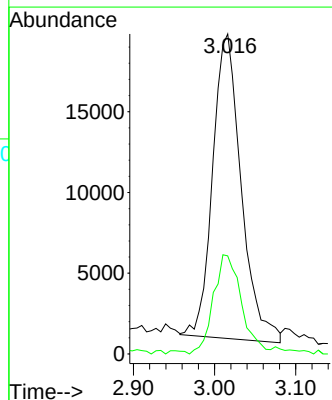
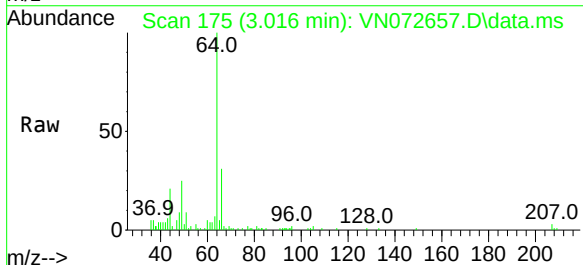
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ClientSampleId :
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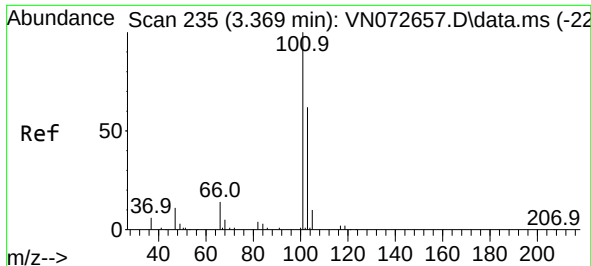
Tgt Ion: 94 Resp: 32437
Ion Ratio Lower Upper
94 100
96 91.0 75.2 112.8



#6
Chloroethane
Concen: 21.714 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 64 Resp: 45955
Ion Ratio Lower Upper
64 100
66 31.8 24.6 36.8

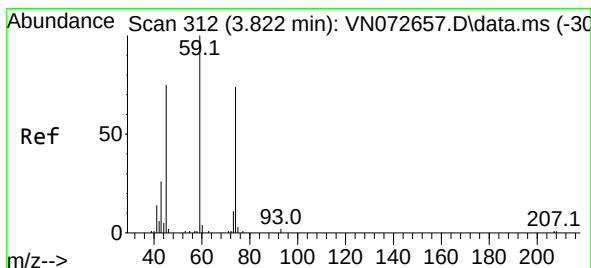
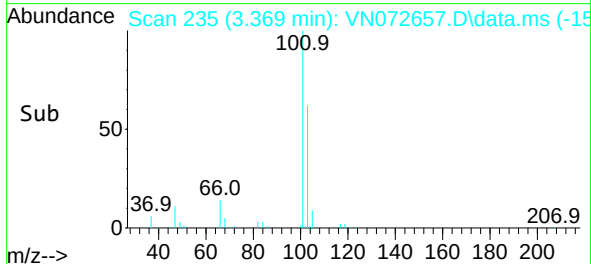
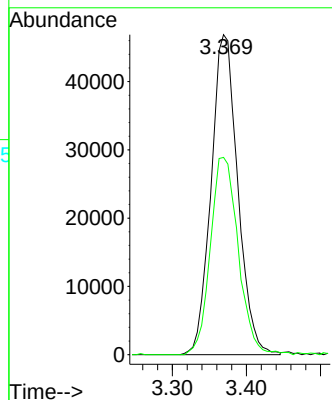
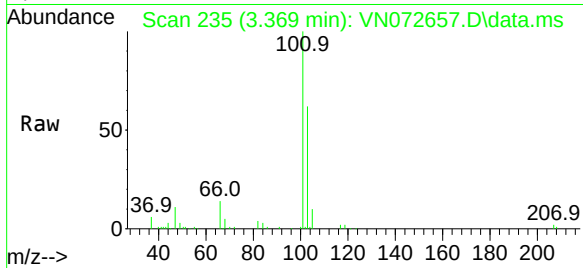




#7
 Trichlorofluoromethane
 Concen: 23.924 ug/l
 RT: 3.369 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

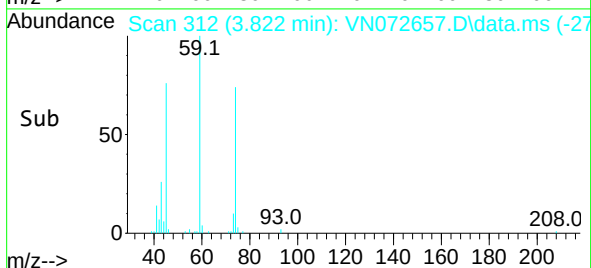
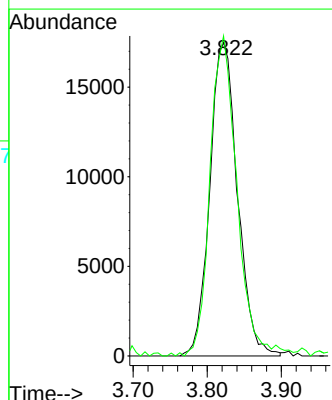
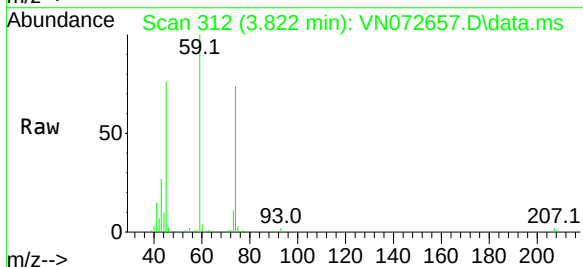
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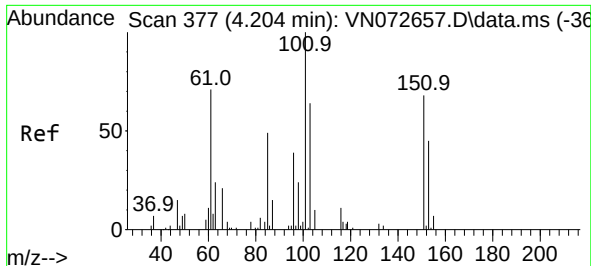
Tgt Ion:101 Resp: 117293
 Ion Ratio Lower Upper
 101 100
 103 61.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 22.670 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

Tgt Ion: 74 Resp: 45418
 Ion Ratio Lower Upper
 74 100
 45 98.0 17.6 158.8

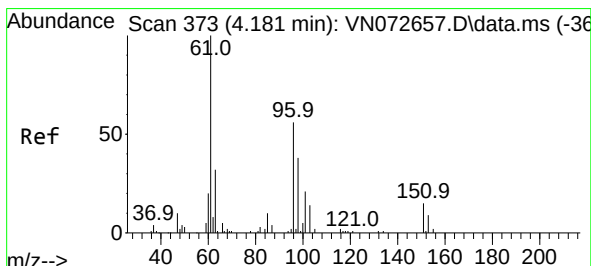
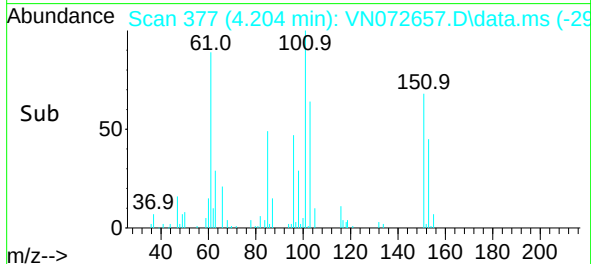
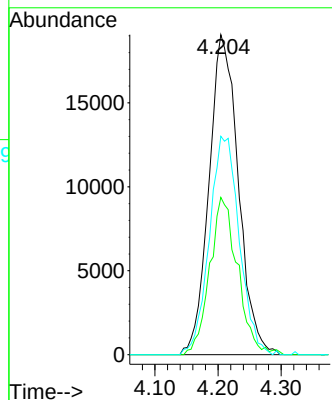
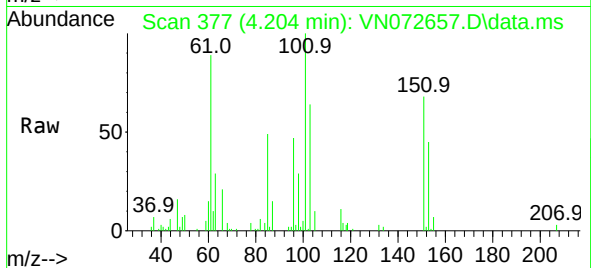




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.992 ug/l
RT: 4.204 min Scan# 377
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

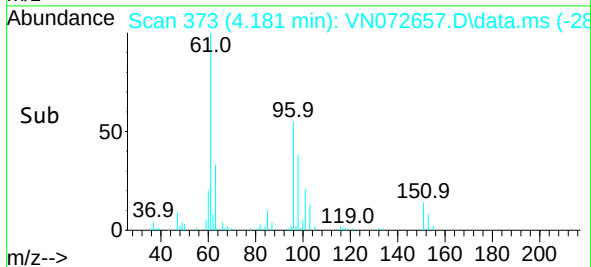
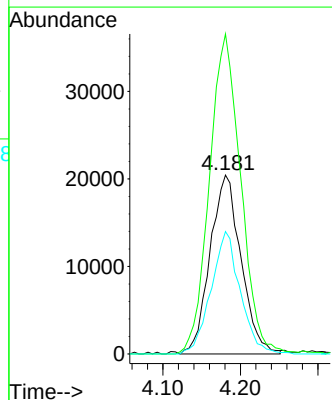
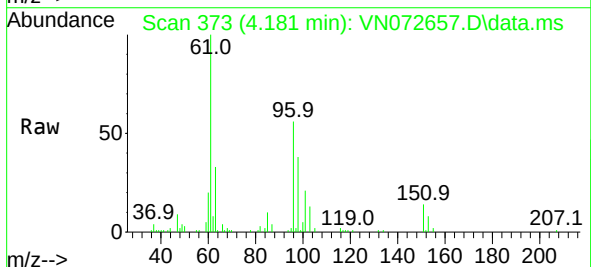
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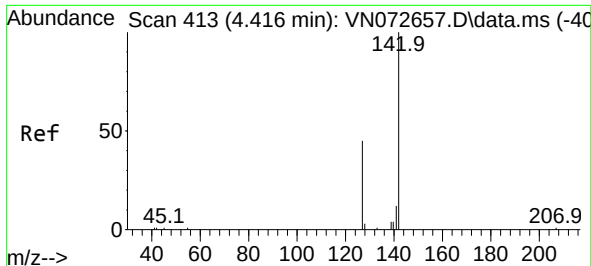
Tgt Ion:101 Resp: 61599
Ion Ratio Lower Upper
101 100
85 46.4 0.0 94.0
151 69.6 0.0 74.6



#10
1,1-Dichloroethene
Concen: 21.914 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 96 Resp: 56762
Ion Ratio Lower Upper
96 100
61 177.7 126.2 189.4
98 68.4 50.9 76.3

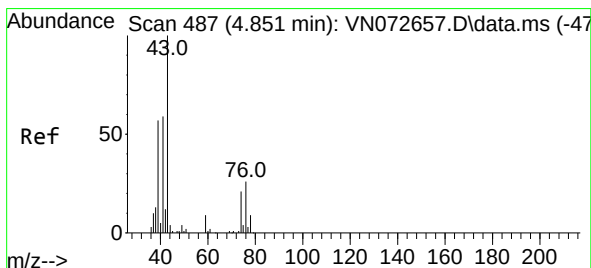
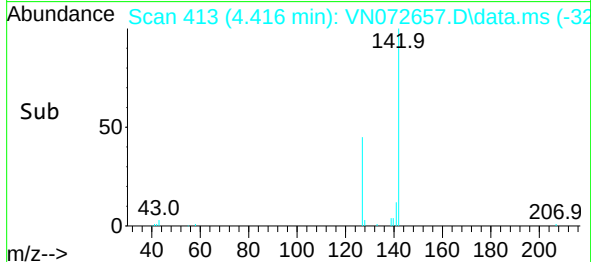
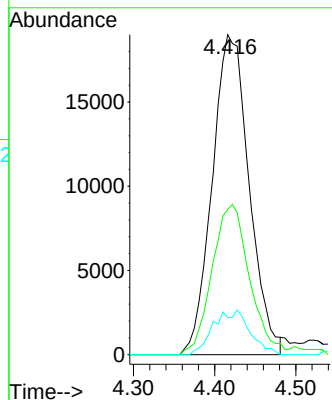
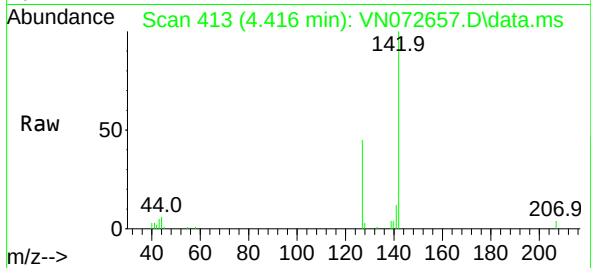




#11
Methyl Iodide
Concen: 23.515 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

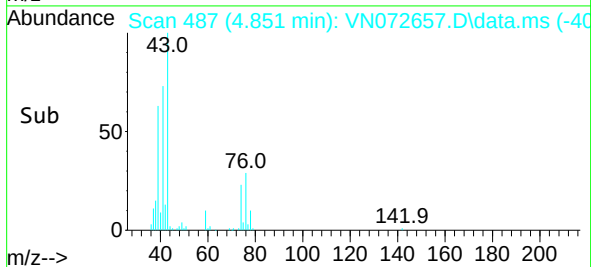
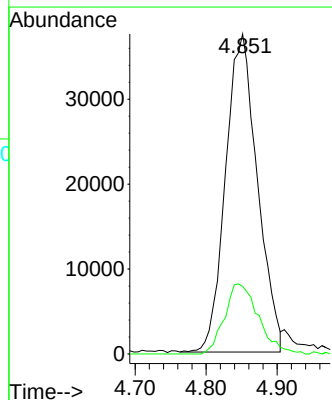
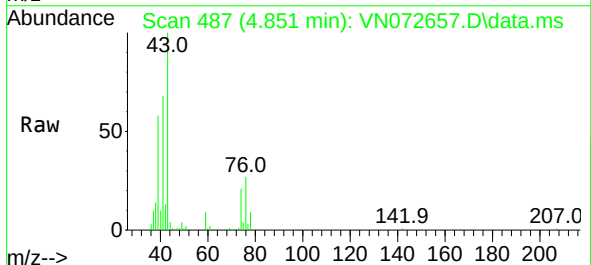
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

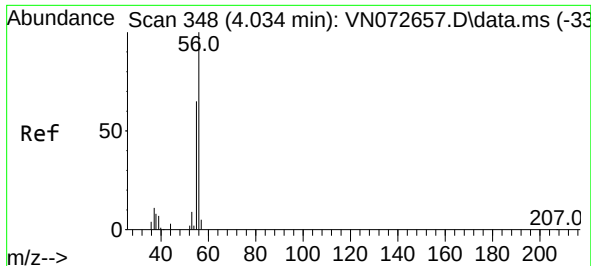
Tgt Ion:142 Resp: 60095
Ion Ratio Lower Upper
142 100
127 44.8 24.0 72.0
141 11.9 8.4 25.2



#12
Methyl Acetate
Concen: 22.354 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 43 Resp: 116655
Ion Ratio Lower Upper
43 100
74 20.8 20.8 31.2

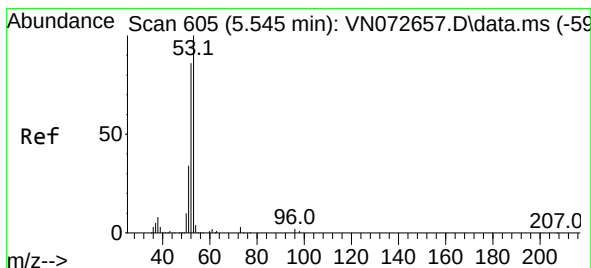
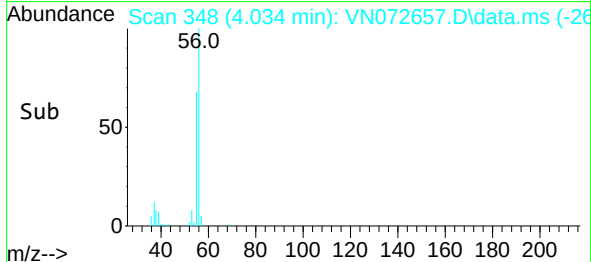
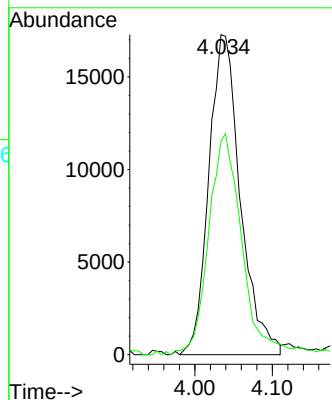
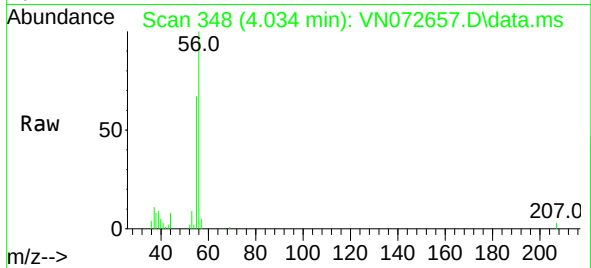




#13
Acrolein
Concen: 85.412 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

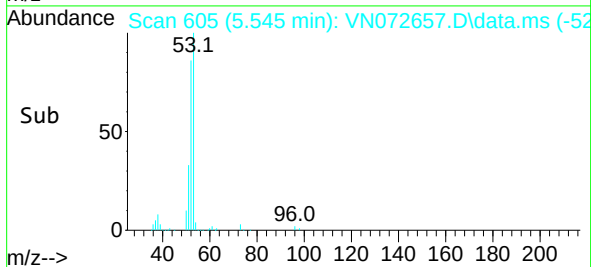
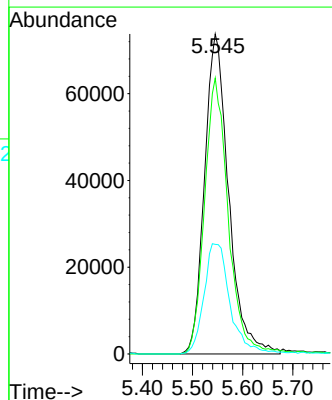
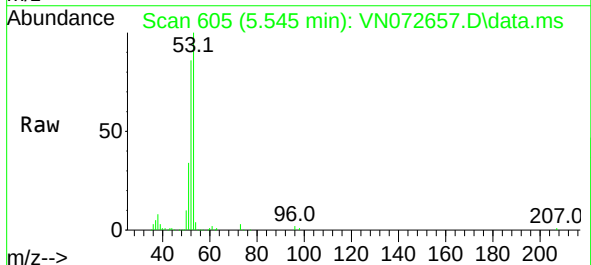
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

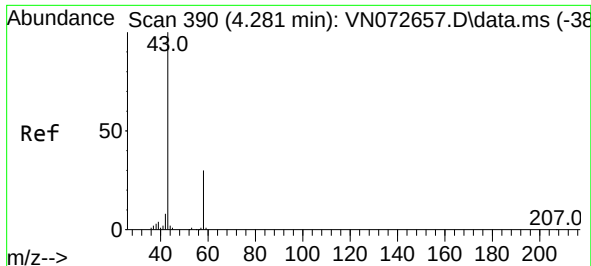
Tgt Ion: 56 Resp: 48798
Ion Ratio Lower Upper
56 100
55 71.7 57.6 86.4



#14
Acrylonitrile
Concen: 110.882 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 53 Resp: 246628
Ion Ratio Lower Upper
53 100
52 84.3 41.8 125.4
51 35.9 19.0 57.0

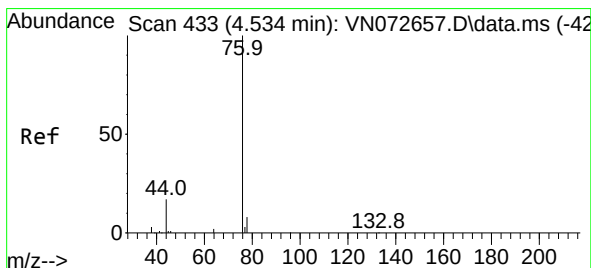
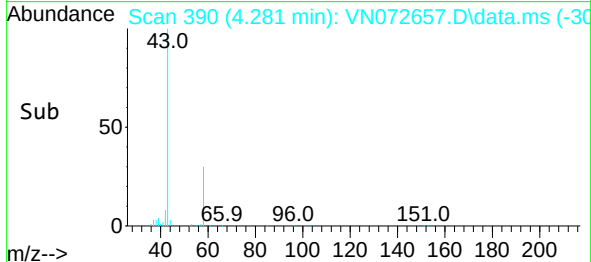
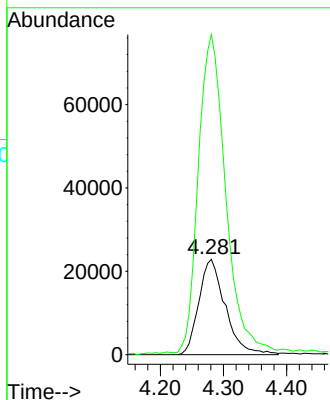
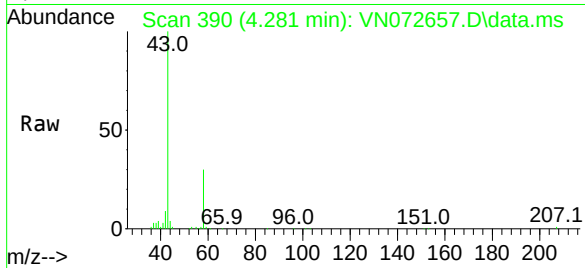




#15
Acetone
Concen: 115.815 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

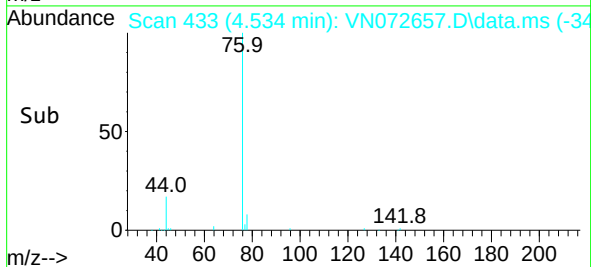
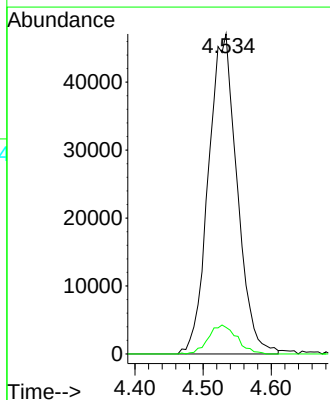
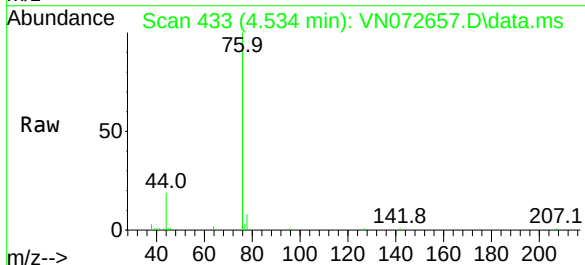
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

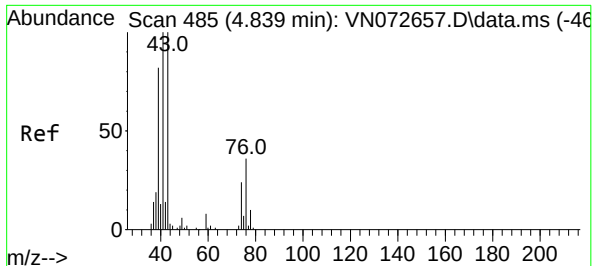
Tgt Ion: 58 Resp: 66762
Ion Ratio Lower Upper
58 100
43 332.7 256.6 384.8



#16
Carbon Disulfide
Concen: 19.695 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 76 Resp: 137762
Ion Ratio Lower Upper
76 100
78 8.3 7.8 11.8





#17

Allyl chloride

Concen: 22.711 ug/l

RT: 4.839 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

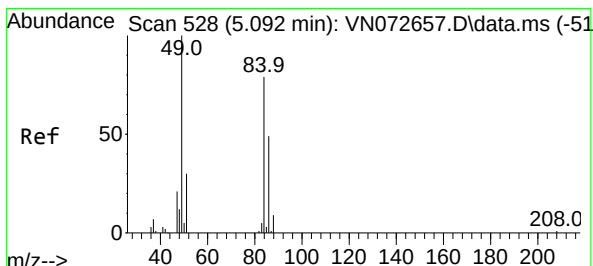
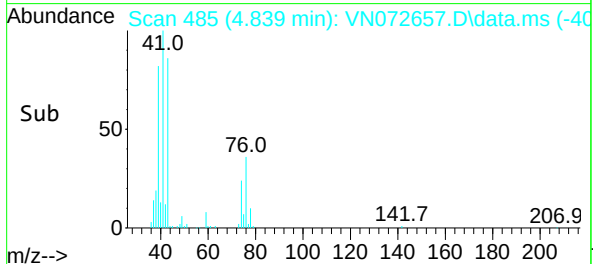
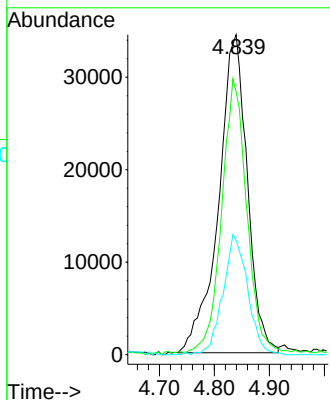
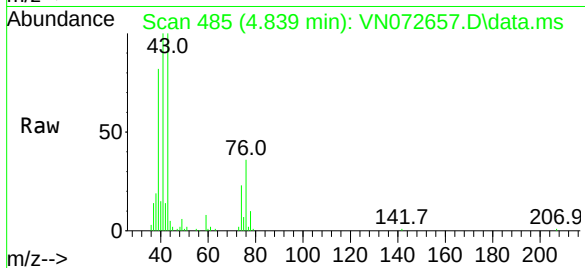
Tgt Ion: 41 Resp: 125099

Ion Ratio Lower Upper

41 100

39 81.7 44.6 134.0

76 35.9 19.6 58.7



#18

Methylene Chloride

Concen: 21.767 ug/l

RT: 5.092 min Scan# 528

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Tgt Ion: 84 Resp: 73593

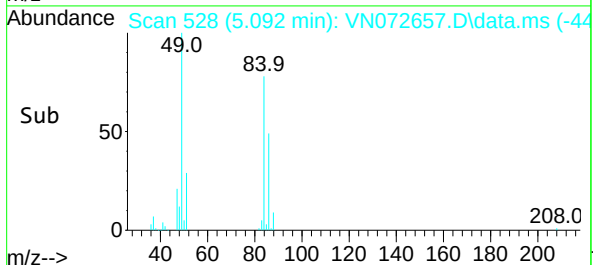
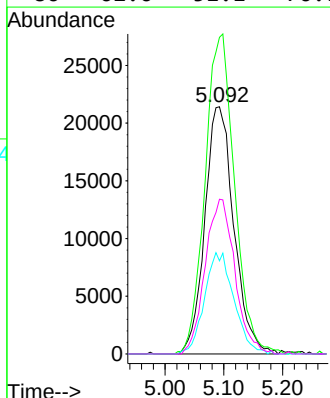
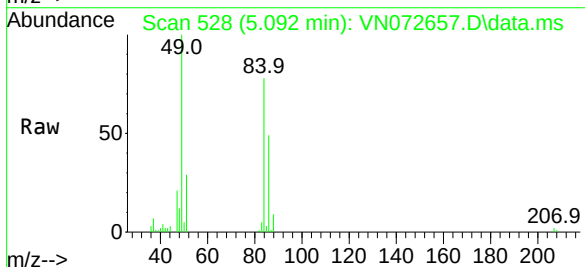
Ion Ratio Lower Upper

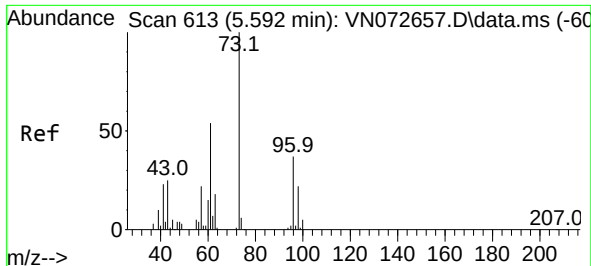
84 100

49 127.1 91.4 137.0

51 37.7 29.4 44.0

86 62.6 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 22.282 ug/l

RT: 5.592 min Scan# 613

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

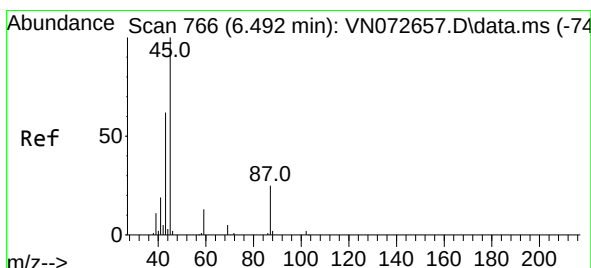
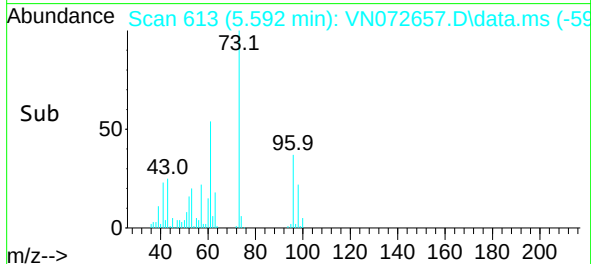
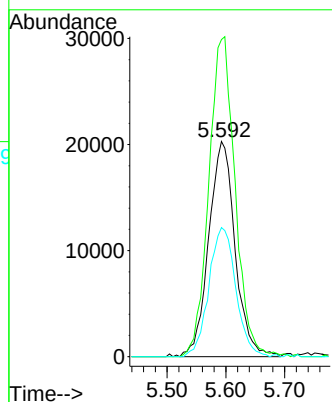
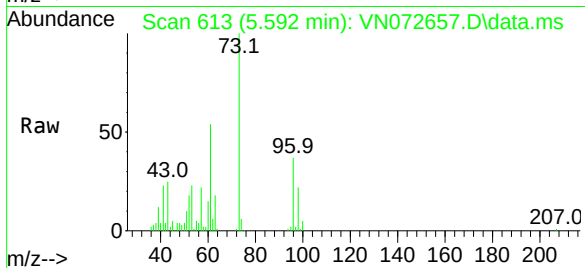
Tgt Ion: 96 Resp: 63138

Ion Ratio Lower Upper

96 100

61 147.3 102.8 154.2

98 59.9 49.3 73.9



#20

Diisopropyl ether

Concen: 20.504 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Tgt Ion: 45 Resp: 255412

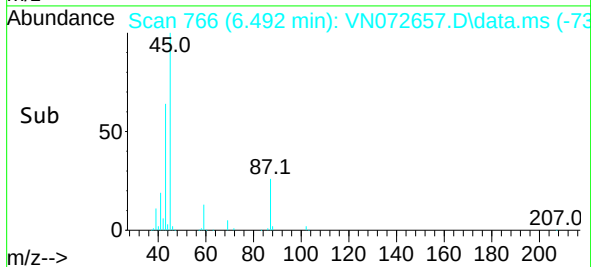
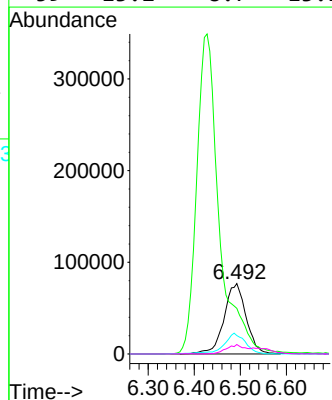
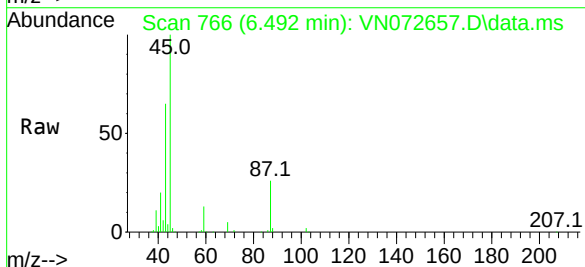
Ion Ratio Lower Upper

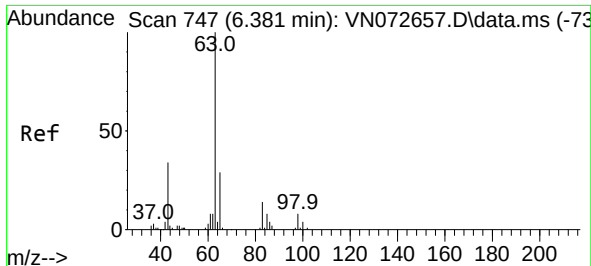
45 100

43 61.7 51.0 76.4

87 25.9 25.0 37.4

59 13.2 8.7 13.1#





#21

1,1-Dichloroethane

Concen: 21.429 ug/l

RT: 6.381 min Scan# 747

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

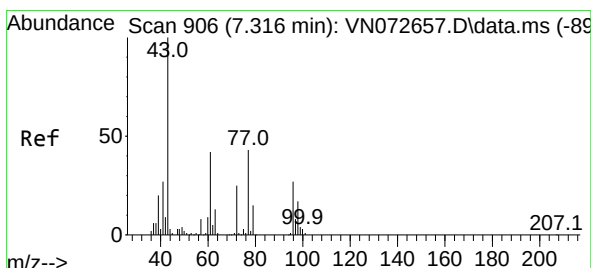
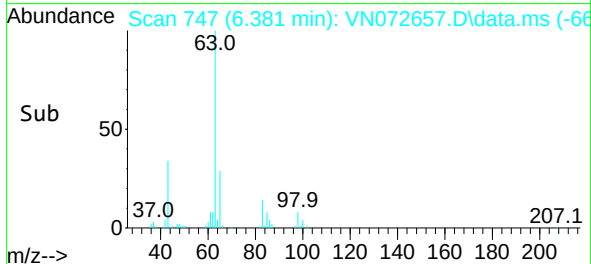
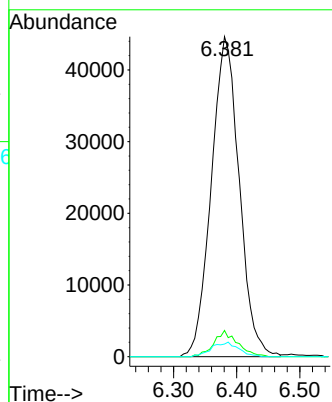
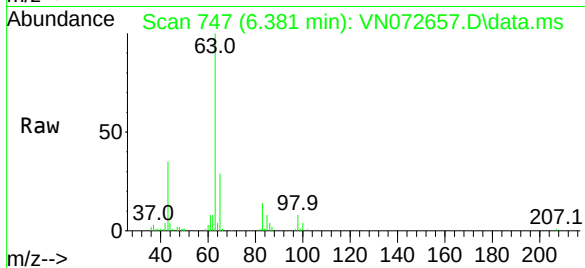
Tgt Ion: 63 Resp: 137111

Ion Ratio Lower Upper

63 100

98 8.2 3.2 9.6

100 4.0 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 21.904 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

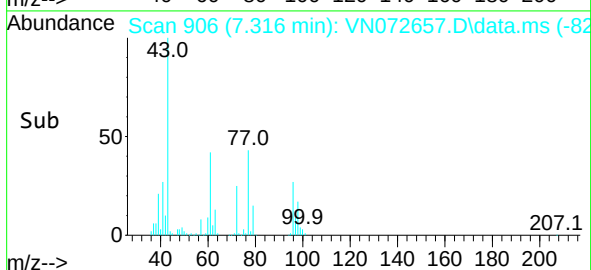
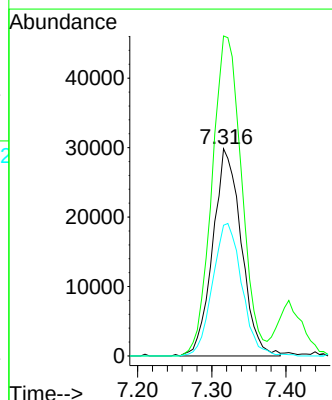
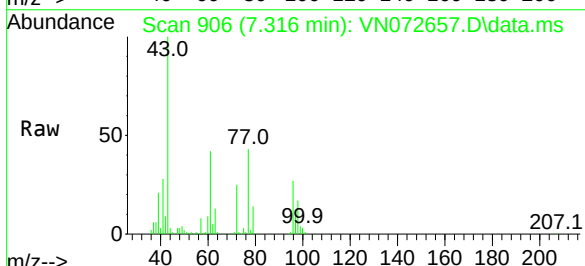
Tgt Ion: 96 Resp: 79847

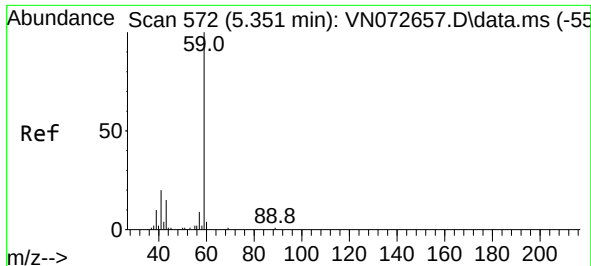
Ion Ratio Lower Upper

96 100

61 160.4 115.7 173.5

98 65.3 51.6 77.4

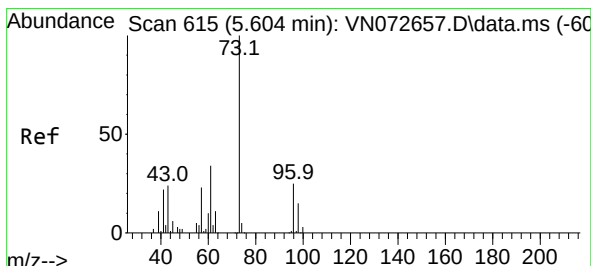
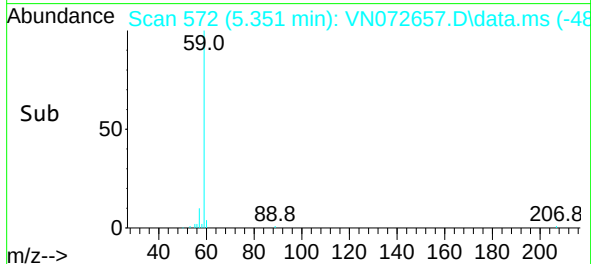
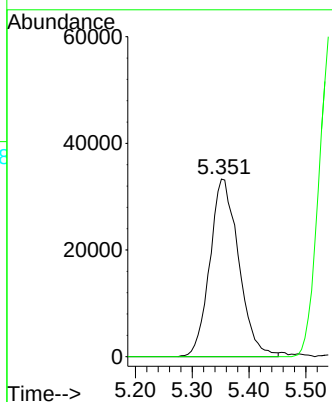
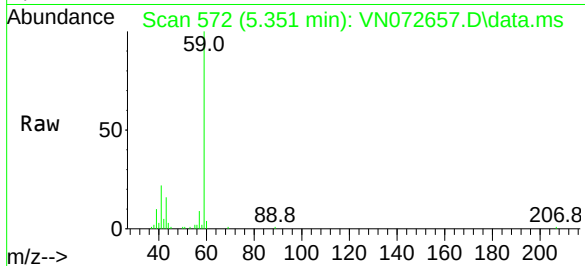




#23
tert-Butyl Alcohol
Concen: 141.830 ug/l
RT: 5.351 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

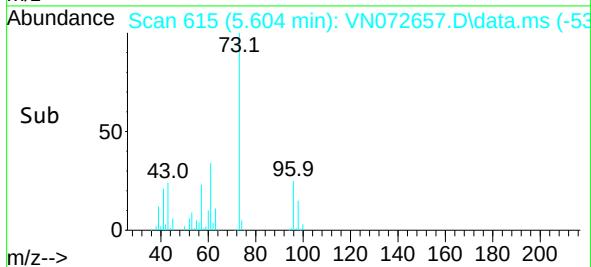
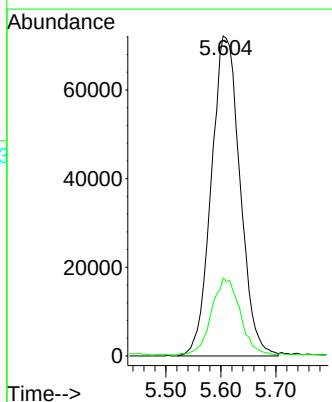
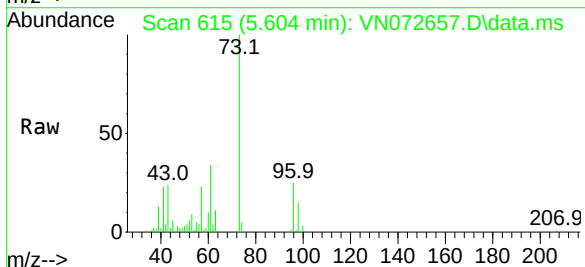
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

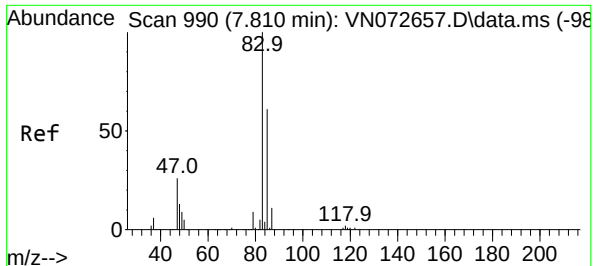
Tgt Ion: 59 Resp: 117487
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 24.978 ug/l
RT: 5.604 min Scan# 615
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 73 Resp: 261756
Ion Ratio Lower Upper
73 100
43 23.6 18.1 27.1

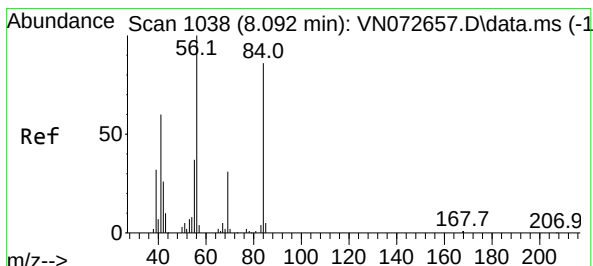
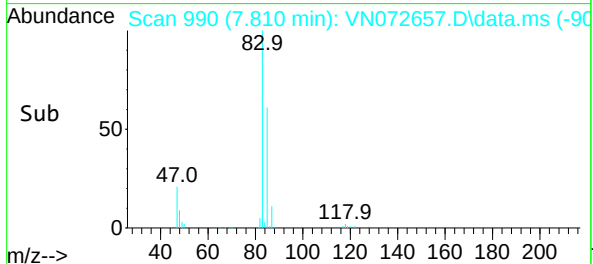
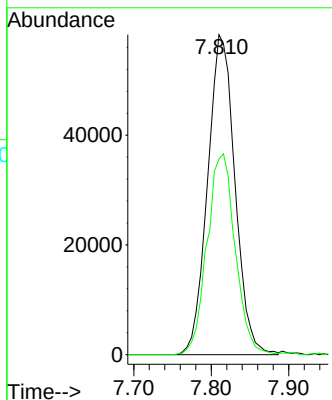
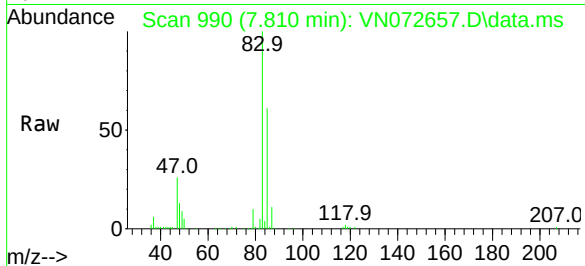




#25
Chloroform
Concen: 21.768 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

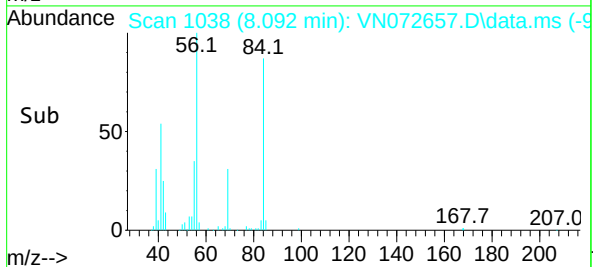
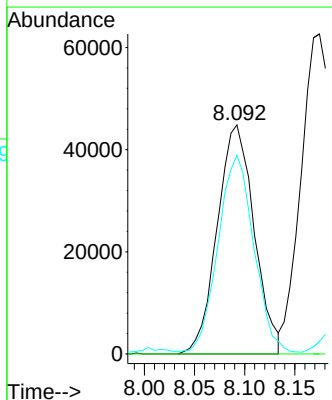
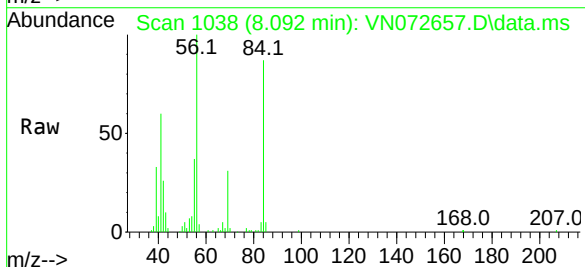
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

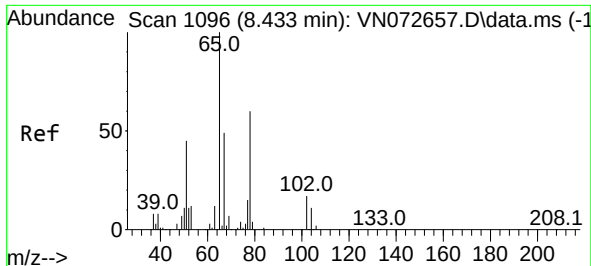
Tgt Ion: 83 Resp: 143061
Ion Ratio Lower Upper
83 100
85 60.9 51.3 76.9



#26
Cyclohexane
Concen: 19.260 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 56 Resp: 114833
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.1 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 35.050 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

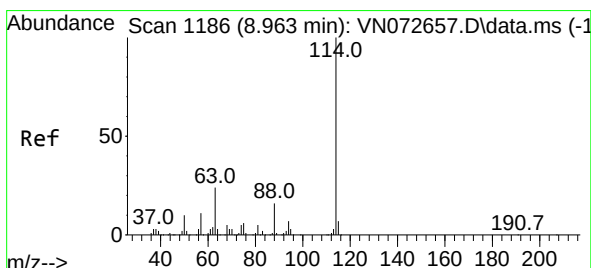
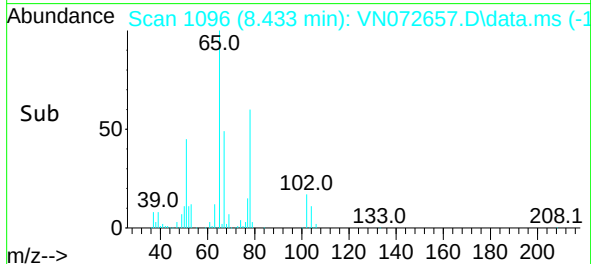
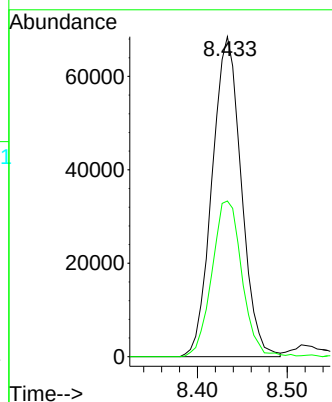
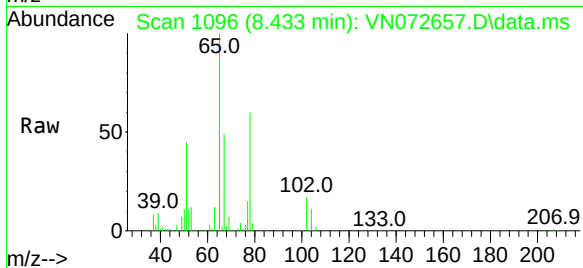
VSTDICCC020

Tgt Ion: 65 Resp: 154720

Ion Ratio Lower Upper

65 100

67 49.5 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: VN072657.D

Acq: 06 Jun 2022 11:17

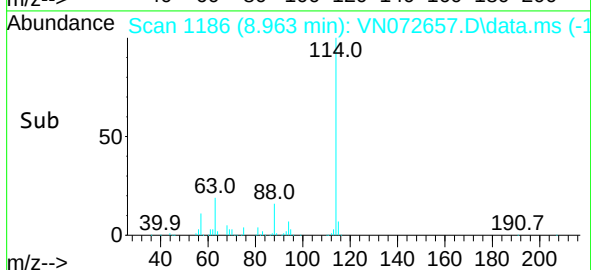
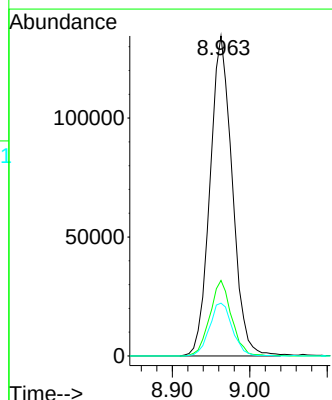
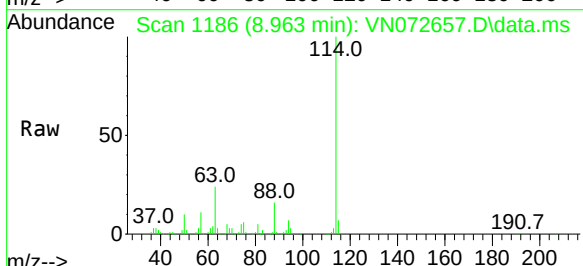
Tgt Ion: 114 Resp: 268315

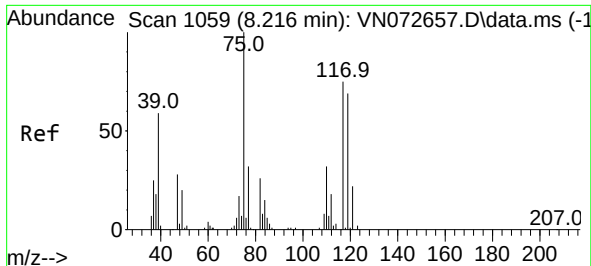
Ion Ratio Lower Upper

114 100

63 22.9 15.8 23.6

88 16.9 11.6 17.4

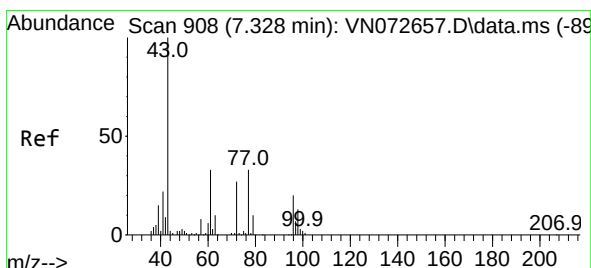
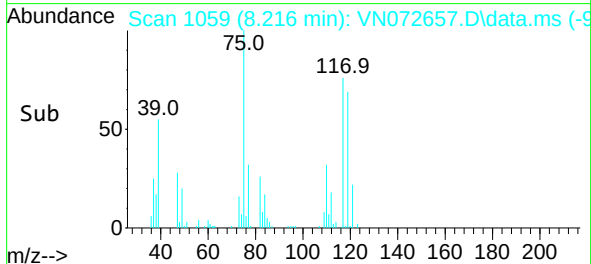
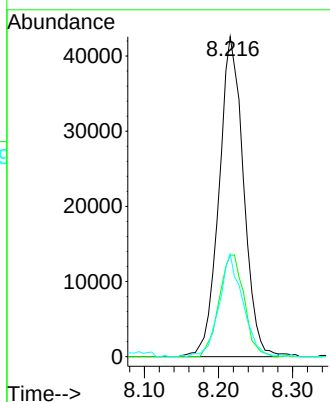
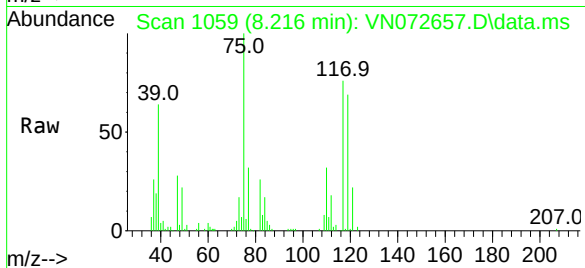




#29
1,1-Dichloropropene
Concen: 19.779 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

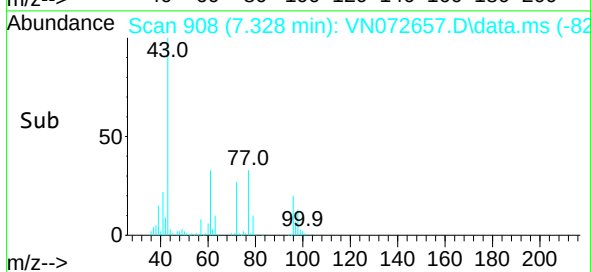
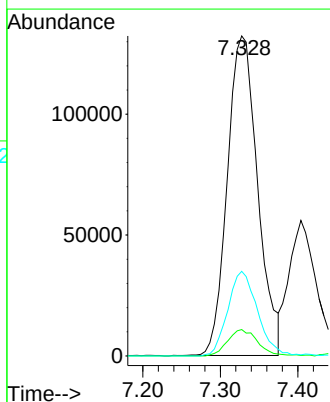
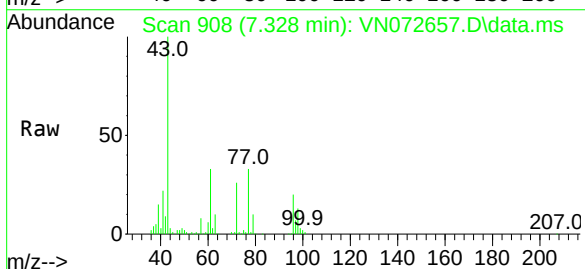
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

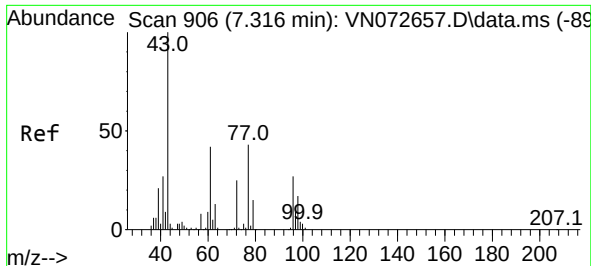
Tgt Ion: 75 Resp: 97714
Ion Ratio Lower Upper
75 100
110 32.5 0.0 74.2
77 30.4 0.0 63.2



#30
2-Butanone
Concen: 107.398 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 43 Resp: 360941
Ion Ratio Lower Upper
43 100
57 8.2 6.7 10.1
72 25.8 23.2 34.8





#31

2,2-Dichloropropane

Concen: 25.434 ug/l

RT: 7.316 min Scan# 906

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

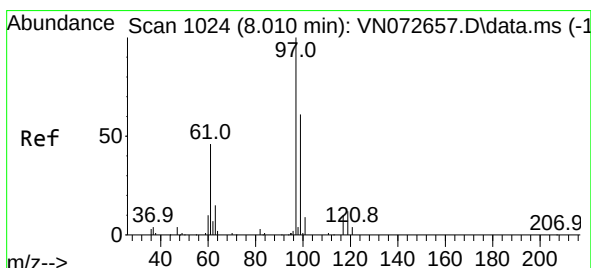
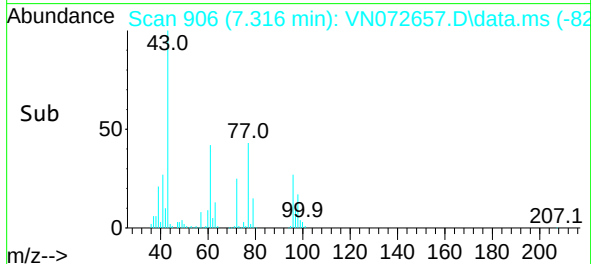
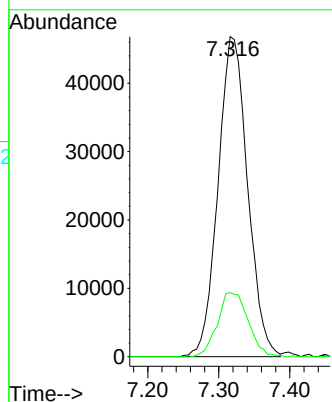
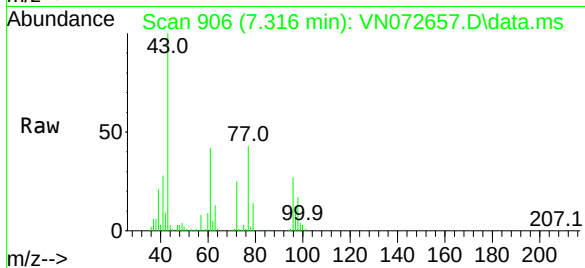
VSTDICCC020

Tgt Ion: 77 Resp: 135322

Ion Ratio Lower Upper

77 100

97 20.8 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 23.014 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

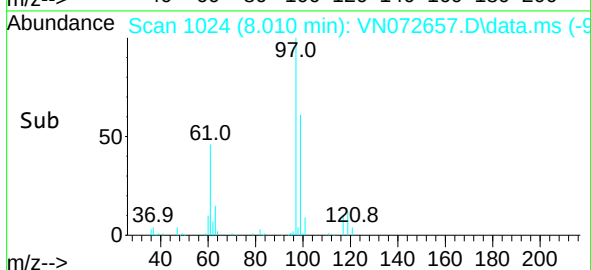
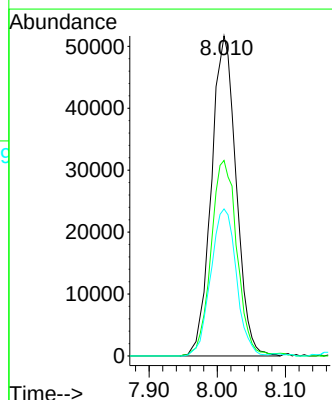
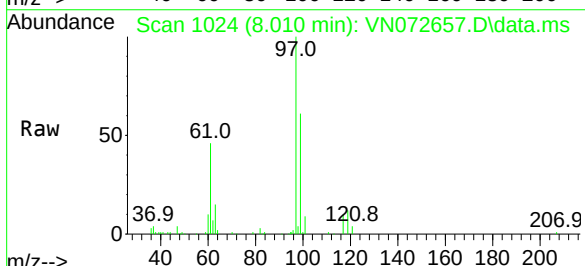
Tgt Ion: 97 Resp: 130814

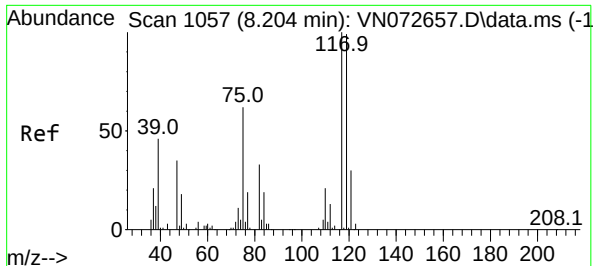
Ion Ratio Lower Upper

97 100

99 63.4 50.4 75.6

61 47.4 34.6 51.8

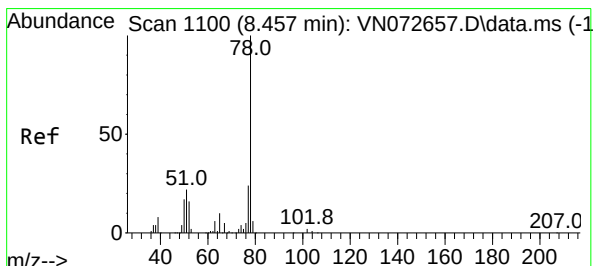
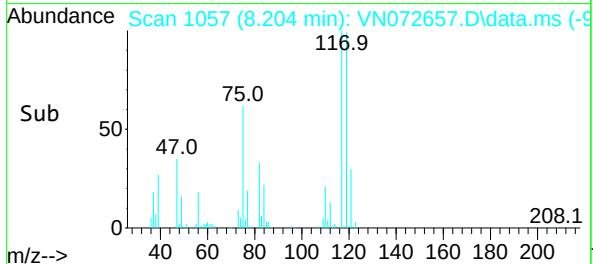
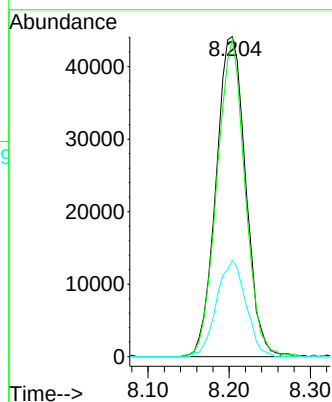
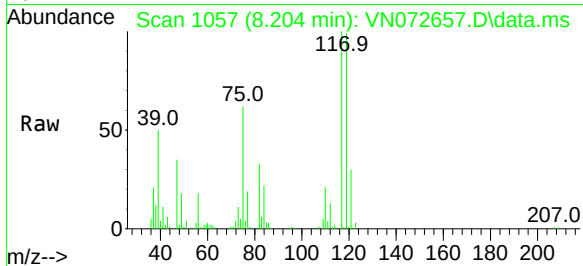




#33
Carbon Tetrachloride
Concen: 22.273 ug/l
RT: 8.204 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

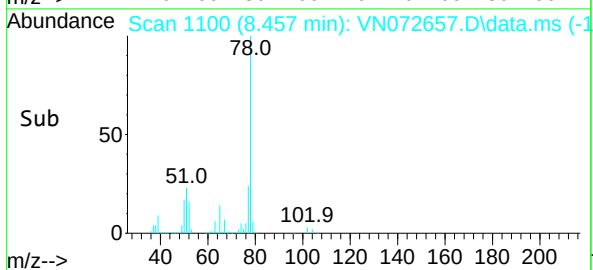
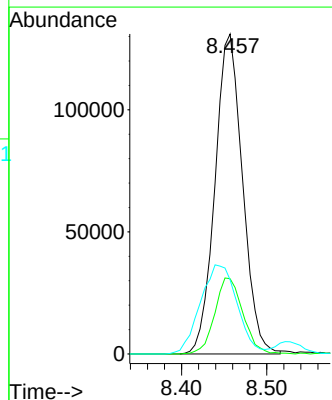
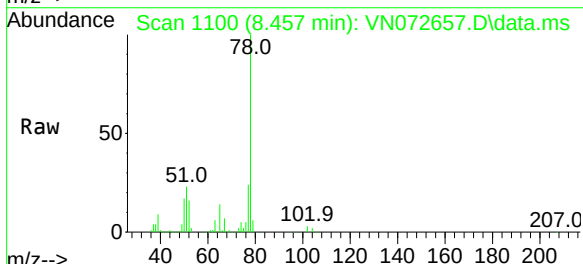
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

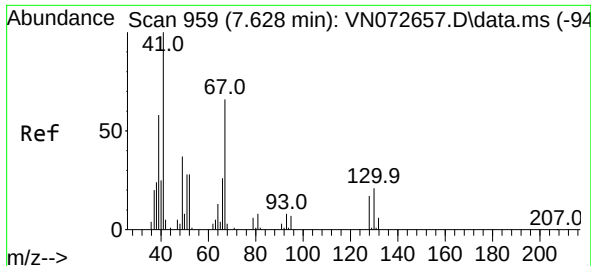
Tgt Ion:117 Resp: 111892
Ion Ratio Lower Upper
117 100
119 99.2 77.5 116.3
121 30.1 23.5 35.3



#34
Benzene
Concen: 19.135 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

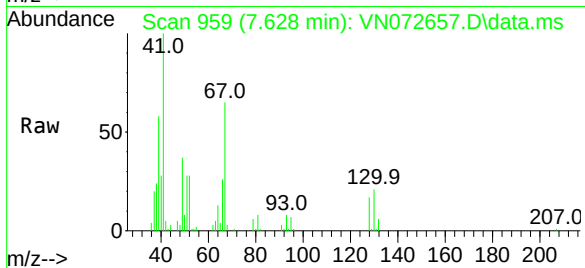
Tgt Ion: 78 Resp: 294107
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 22.0 16.0 24.0



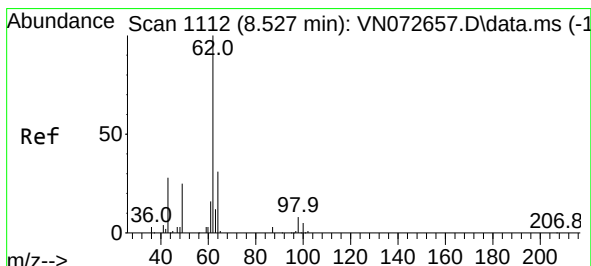
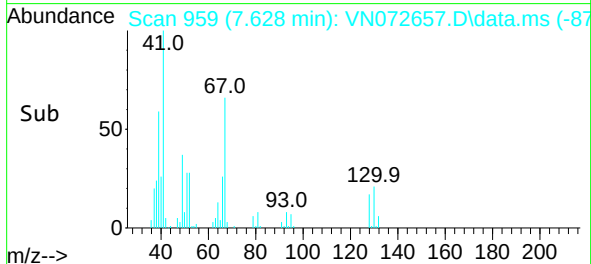
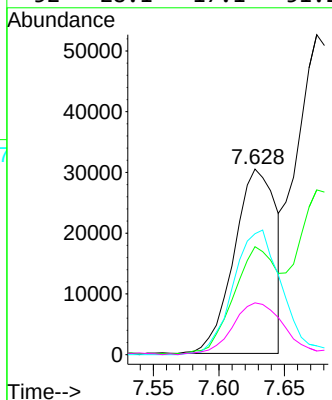


#35
Methacrylonitrile
Concen: 19.487 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

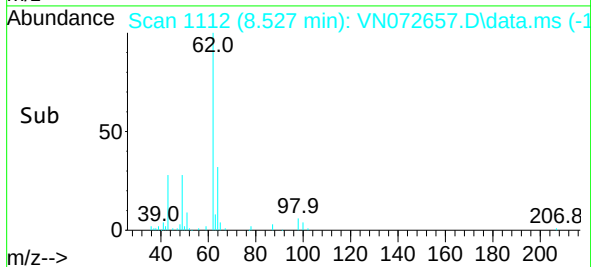
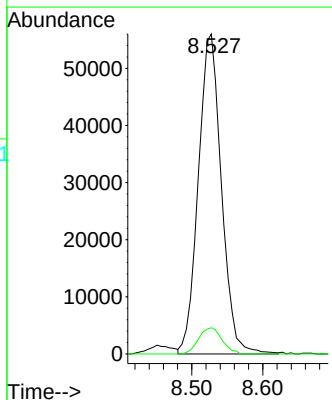
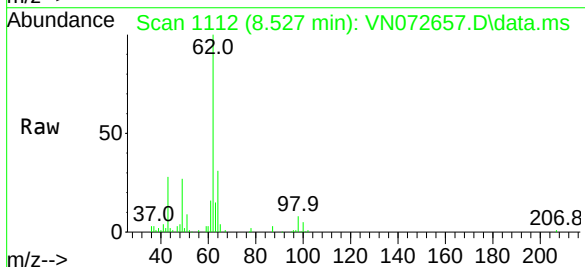


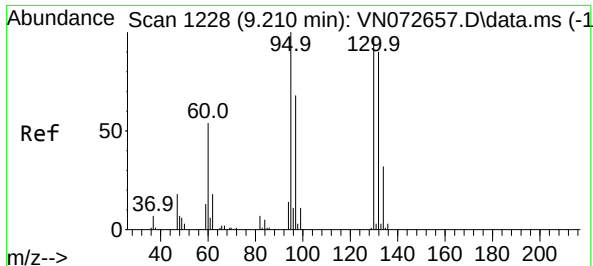
Tgt Ion:	41	Resp:	67353
Ion	Ratio	Lower	Upper
41	100		
39	57.9	28.0	83.9
67	65.6	37.7	113.1
52	28.1	17.1	51.2



#36
1,2-Dichloroethane
Concen: 23.883 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion:	62	Resp:	126864
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.6	10.0





#37

Trichloroethene

Concen: 18.990 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

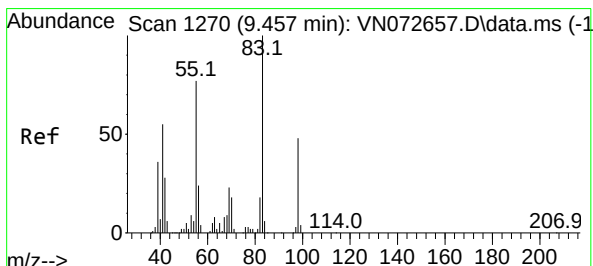
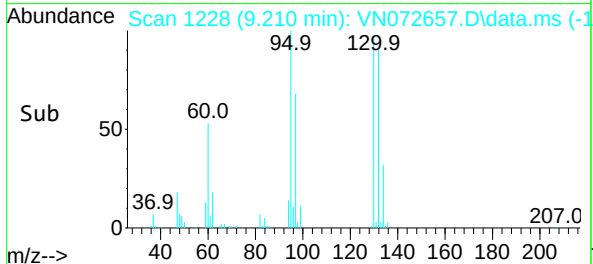
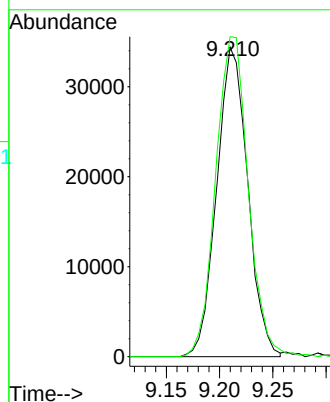
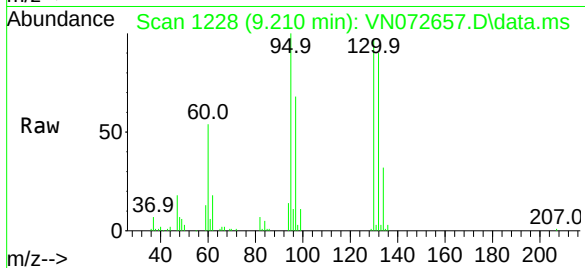
VSTDICCC020

Tgt Ion:130 Resp: 69695

Ion Ratio Lower Upper

130 100

95 103.4 76.6 115.0



#38

Methylcyclohexane

Concen: 19.067 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

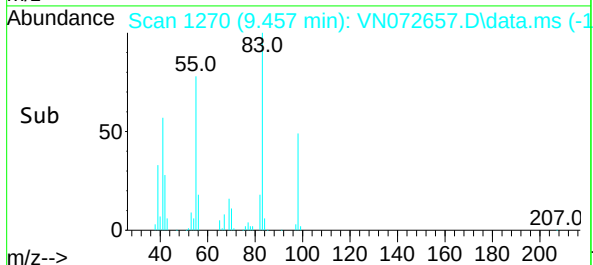
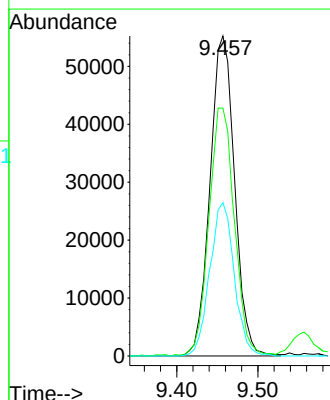
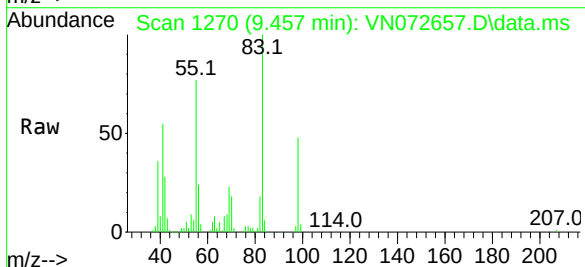
Tgt Ion: 83 Resp: 116312

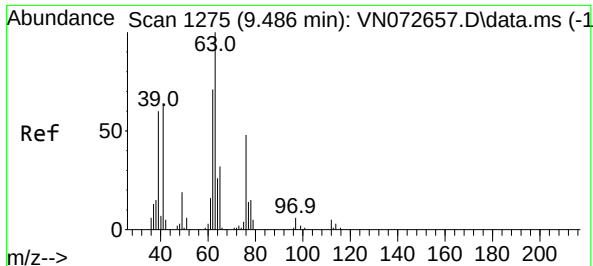
Ion Ratio Lower Upper

83 100

55 80.3 35.1 105.3

98 47.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.541 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

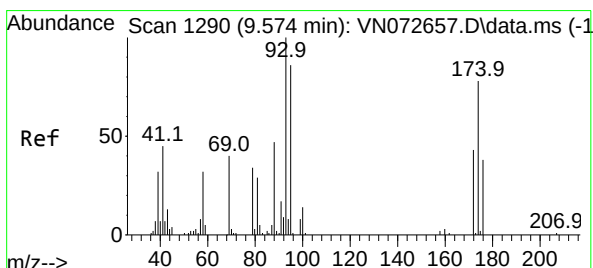
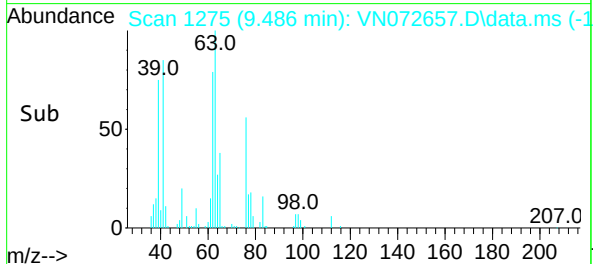
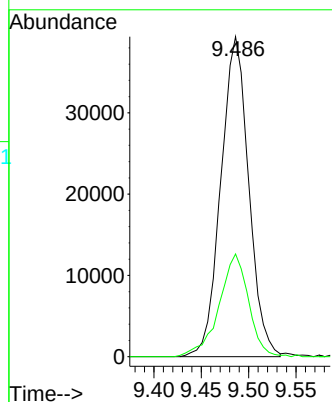
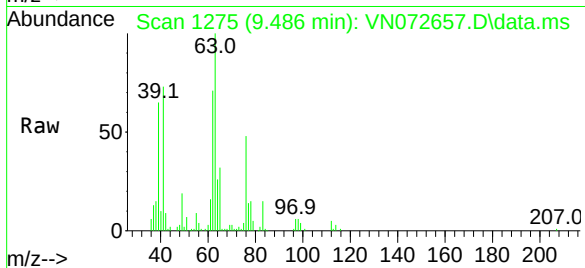
VSTDICCC020

Tgt Ion: 63 Resp: 80622

Ion Ratio Lower Upper

63 100

65 31.7 24.2 36.4



#40

Dibromomethane

Concen: 20.739 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

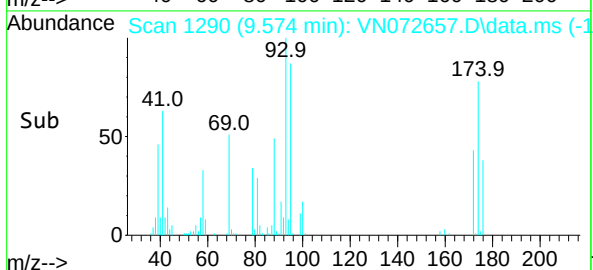
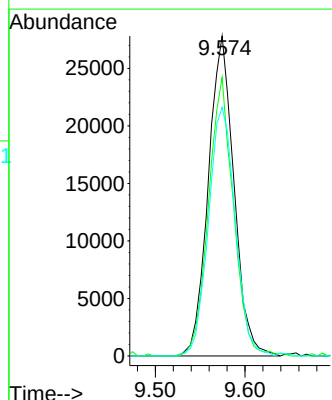
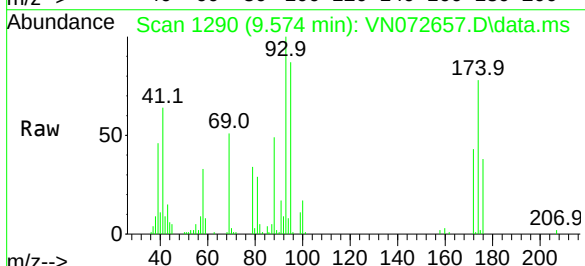
Tgt Ion: 93 Resp: 55134

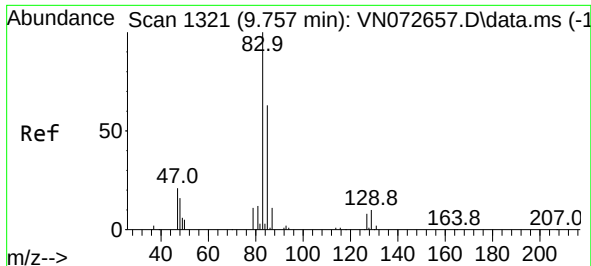
Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.8

174 81.1 0.0 173.6

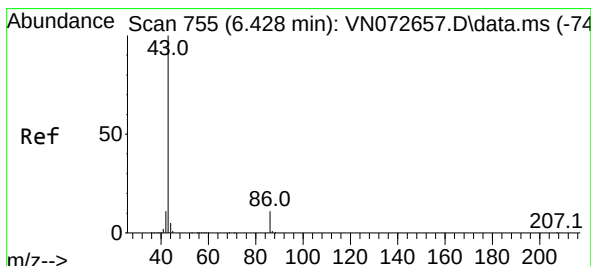
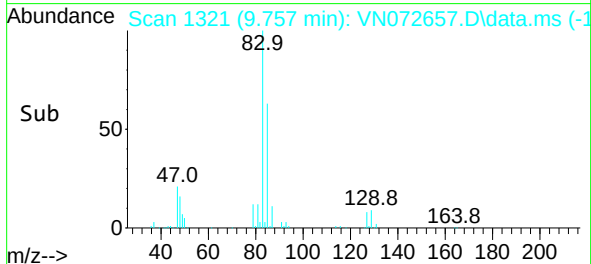
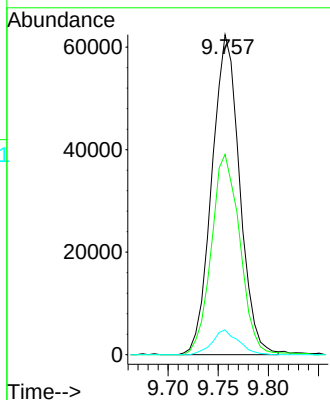
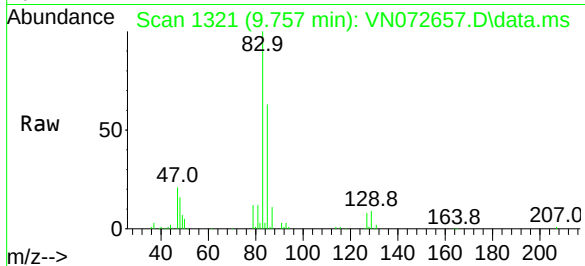




#41
Bromodichloromethane
Concen: 22.117 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

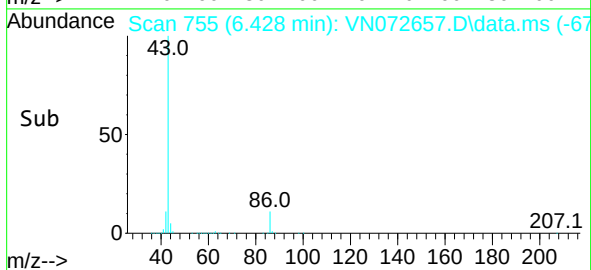
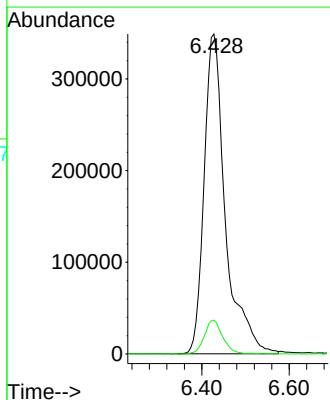
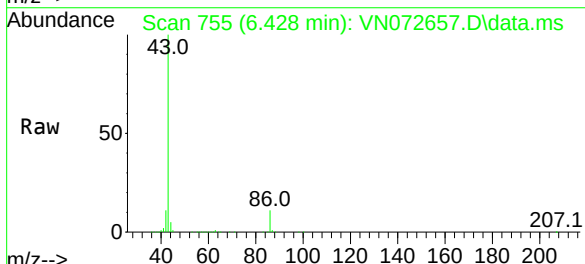
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

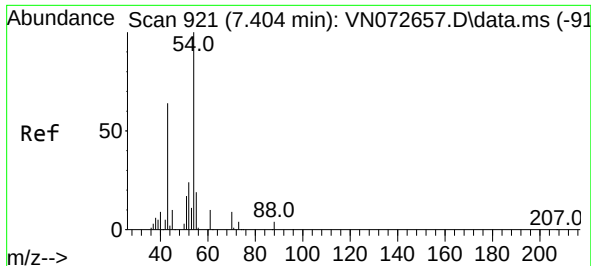
Tgt Ion: 83 Resp: 120154
Ion Ratio Lower Upper
83 100
85 62.6 54.1 81.1
127 7.7 7.6 11.4



#42
Vinyl Acetate
Concen: 107.182 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 43 Resp: 1181806
Ion Ratio Lower Upper
43 100
86 9.1 7.5 11.3

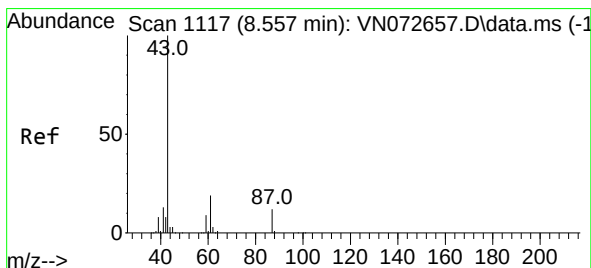
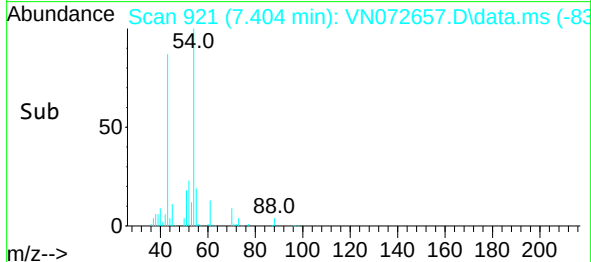
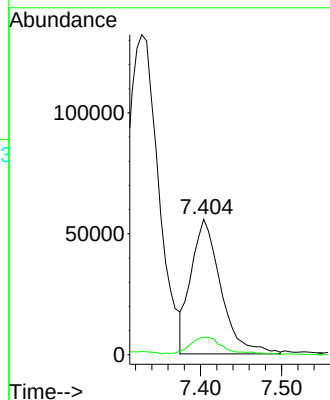
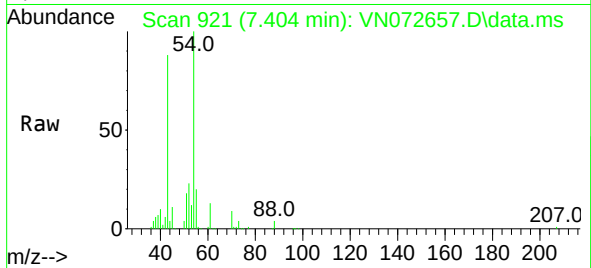




#43
Ethyl Acetate
Concen: 21.683 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

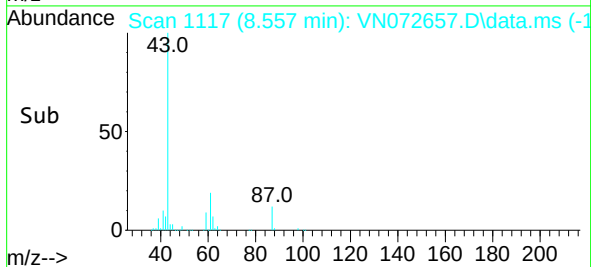
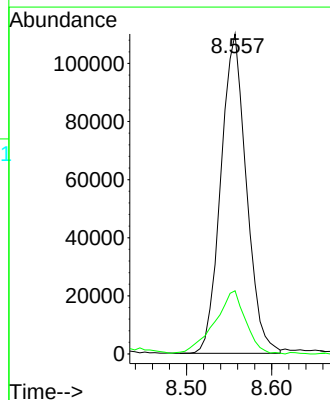
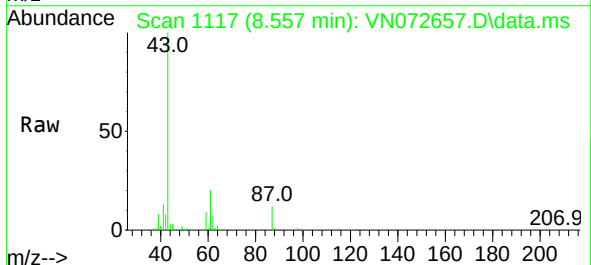
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

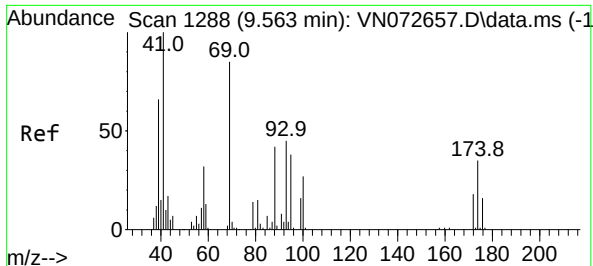
Tgt Ion: 43 Resp: 142045
Ion Ratio Lower Upper
43 100
45 12.0 10.6 16.0



#44
Isopropyl Acetate
Concen: 22.247 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 43 Resp: 229023
Ion Ratio Lower Upper
43 100
61 24.1 20.1 30.1





#45

1,4-Dioxane

Concen: 451.823 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

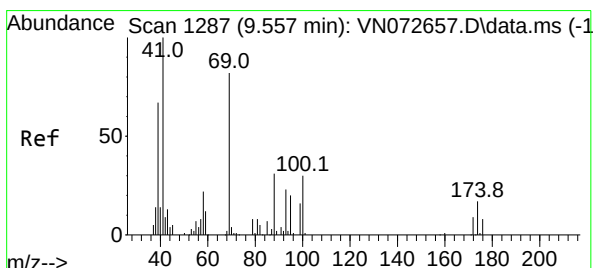
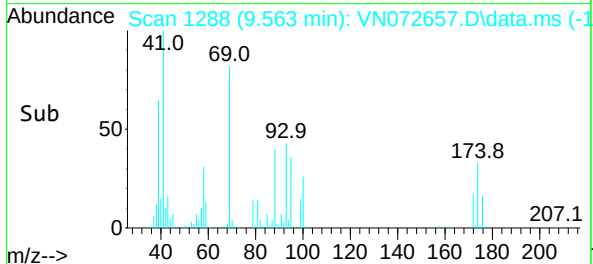
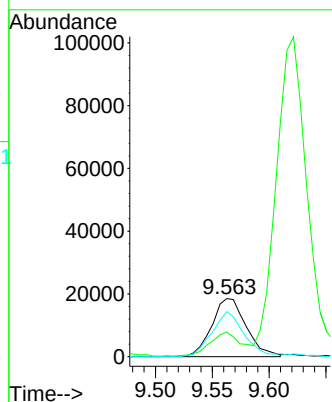
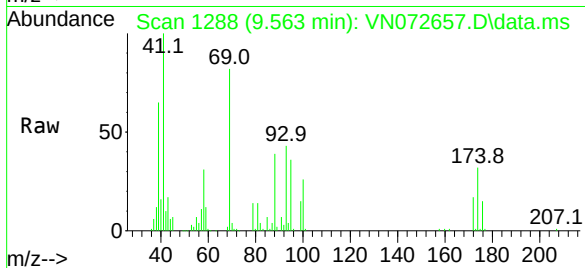
Tgt Ion: 88 Resp: 38956

Ion Ratio Lower Upper

88 100

43 39.3 25.0 37.6#

58 71.8 49.4 74.2



#46

Methyl methacrylate

Concen: 20.722 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

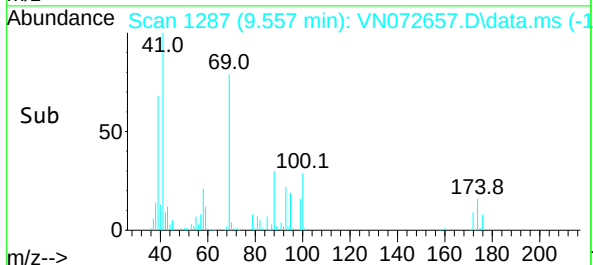
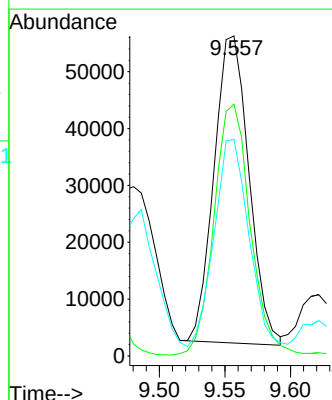
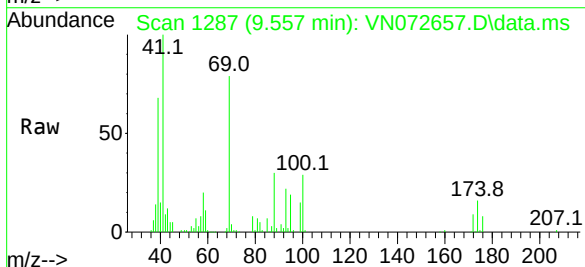
Tgt Ion: 41 Resp: 100025

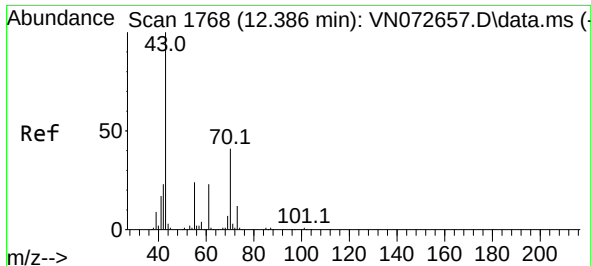
Ion Ratio Lower Upper

41 100

69 81.9 44.4 133.2

39 66.7 39.9 119.6

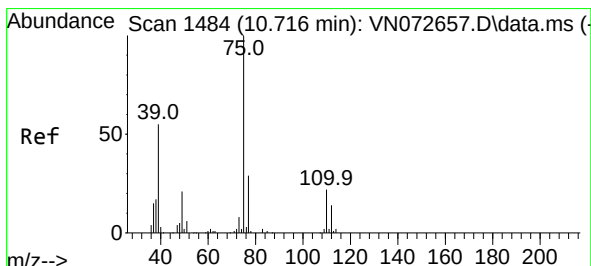
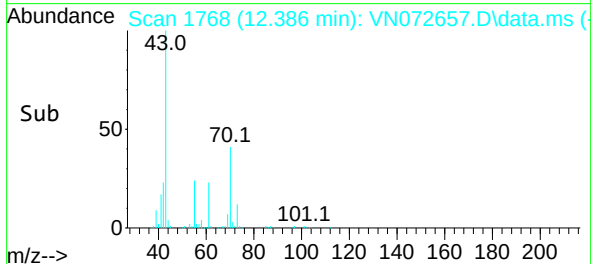
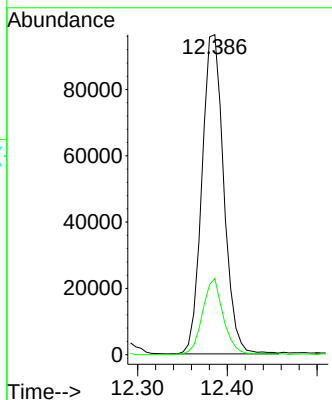
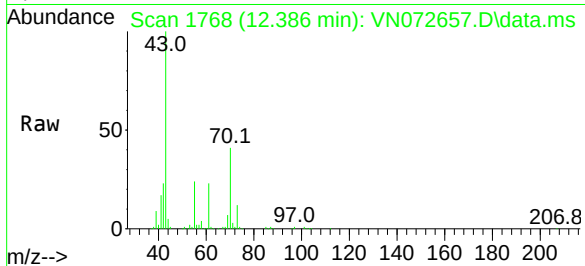




#47
n-amy1 Acetate
Concen: 21.669 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

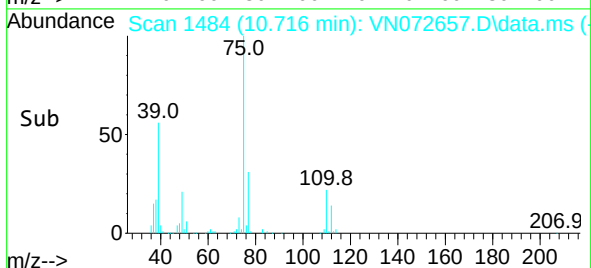
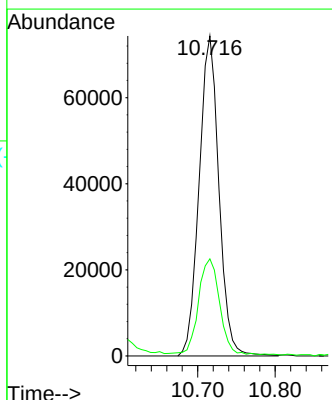
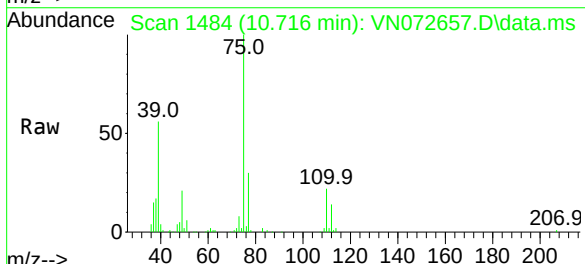
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

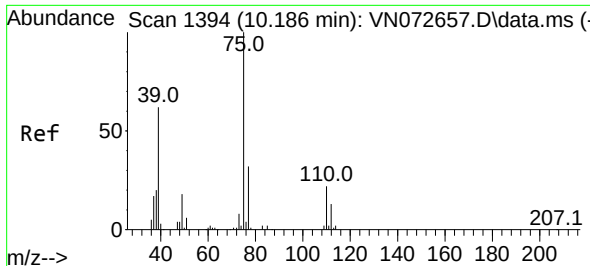
Tgt Ion: 43 Resp: 162632
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 22.220 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 75 Resp: 131764
Ion Ratio Lower Upper
75 100
77 29.9 25.3 37.9

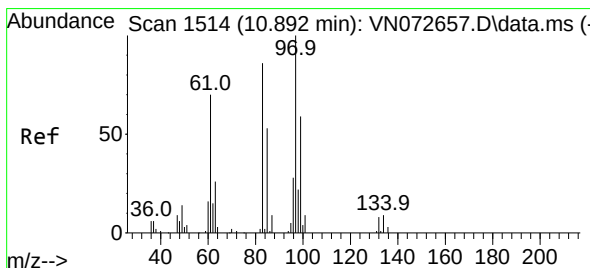
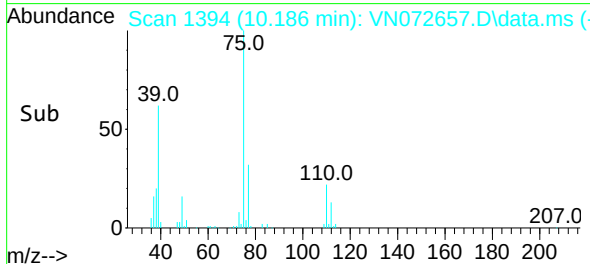
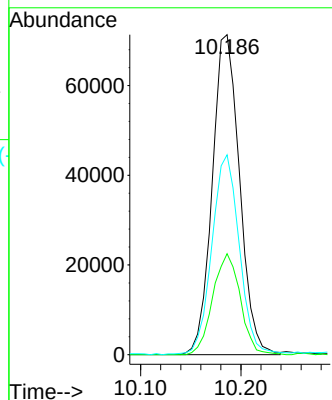
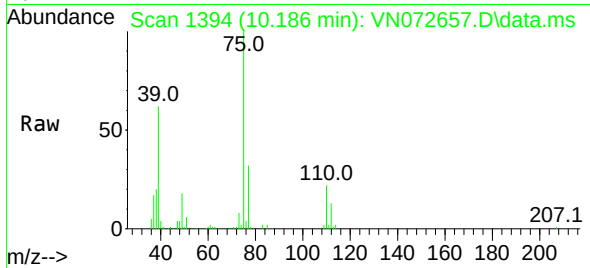




#49
 cis-1,3-Dichloropropene
 Concen: 21.144 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

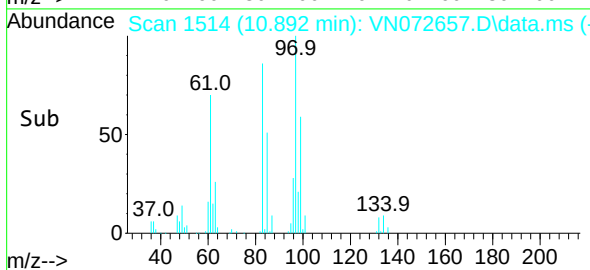
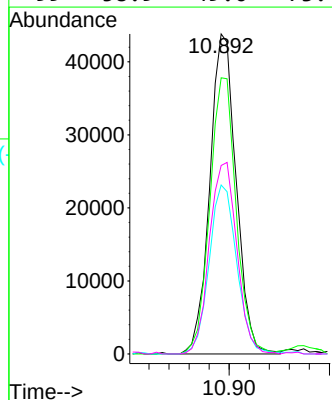
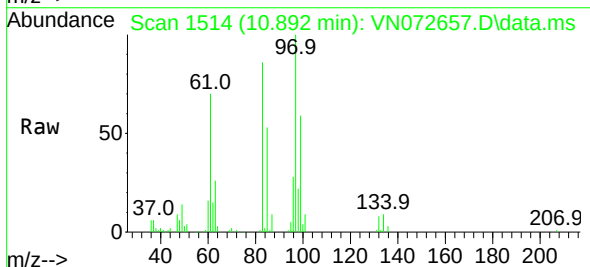
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

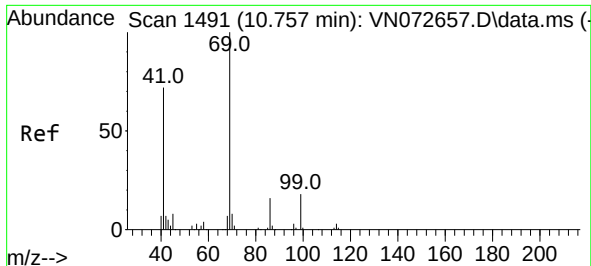
Tgt Ion: 75 Resp: 134886
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9
 39 62.0 46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 20.599 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

Tgt Ion: 97 Resp: 79995
 Ion Ratio Lower Upper
 97 100
 83 86.3 67.2 100.8
 85 52.8 43.0 64.4
 99 58.9 49.0 73.4

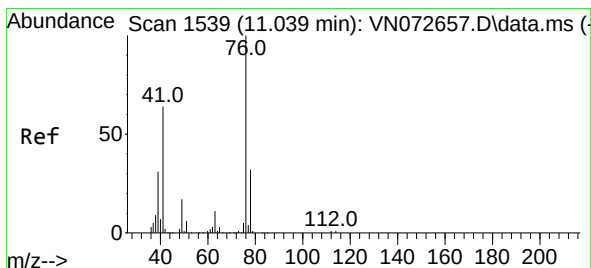
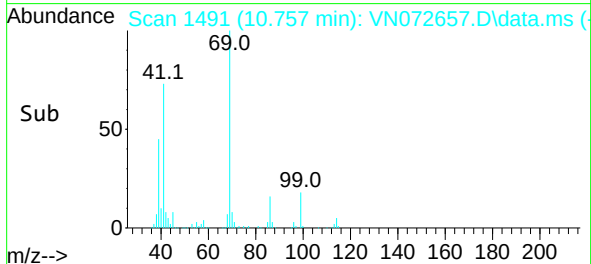
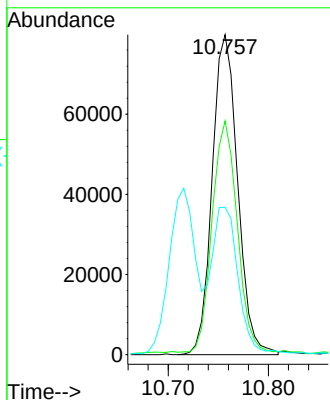
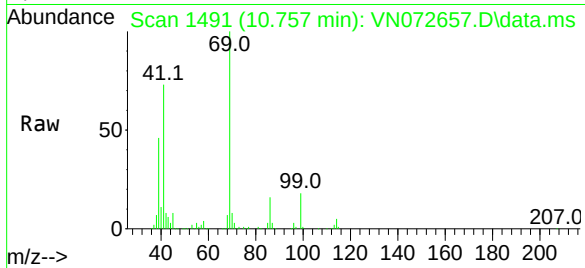




#51
Ethyl methacrylate
Concen: 21.151 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

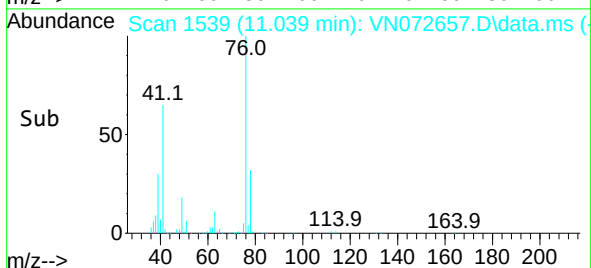
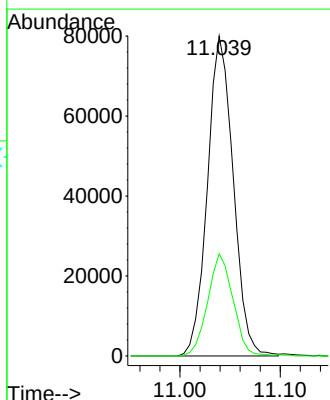
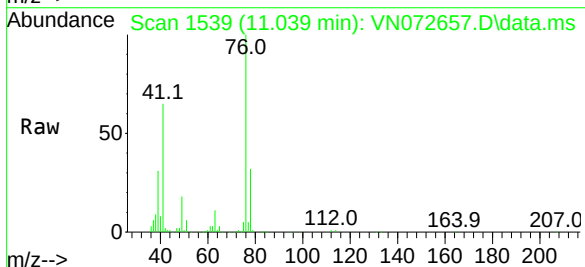
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

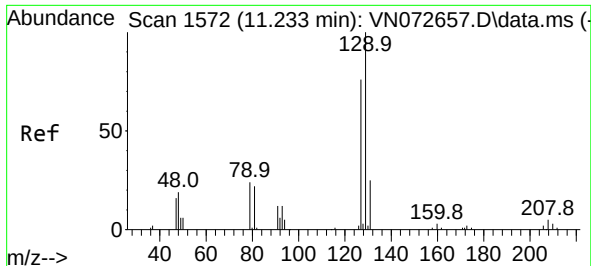
Tgt Ion: 69 Resp: 140735
Ion Ratio Lower Upper
69 100
41 72.3 33.0 98.9
39 45.1 25.4 76.4



#52
1,3-Dichloropropane
Concen: 20.808 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 76 Resp: 143139
Ion Ratio Lower Upper
76 100
78 31.2 0.0 65.4

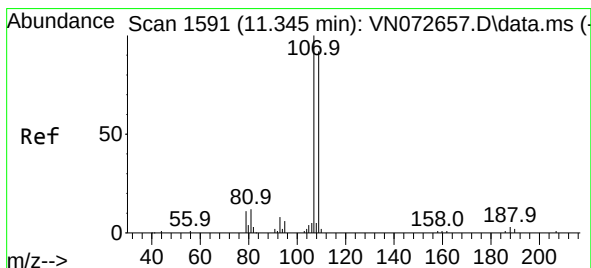
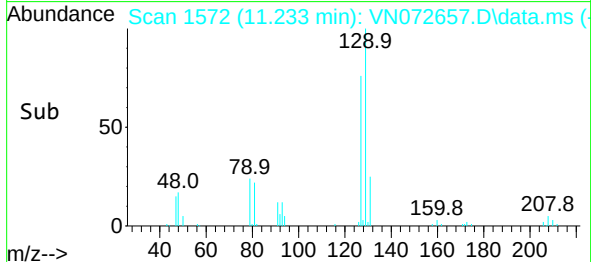
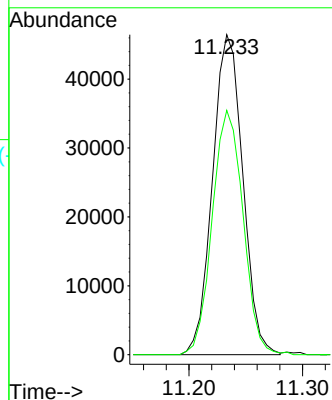
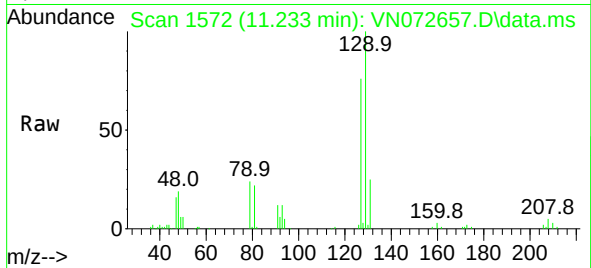




#53
Dibromochloromethane
Concen: 21.285 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

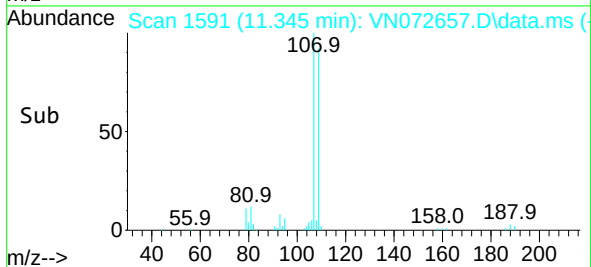
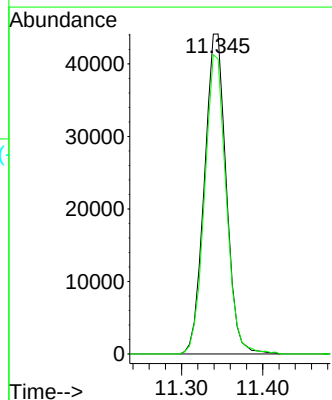
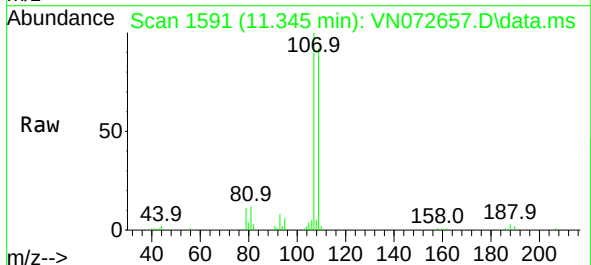
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

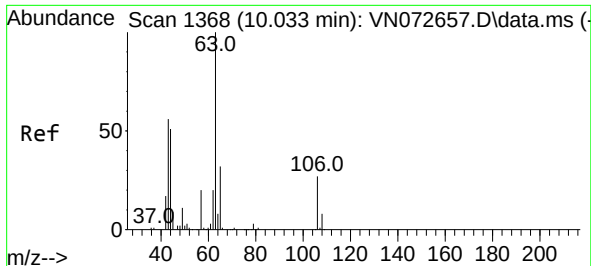
Tgt Ion:129 Resp: 86054
Ion Ratio Lower Upper
129 100
127 77.5 39.0 117.0



#54
1,2-Dibromoethane
Concen: 20.606 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion:107 Resp: 82290
Ion Ratio Lower Upper
107 100
109 92.2 72.8 109.2

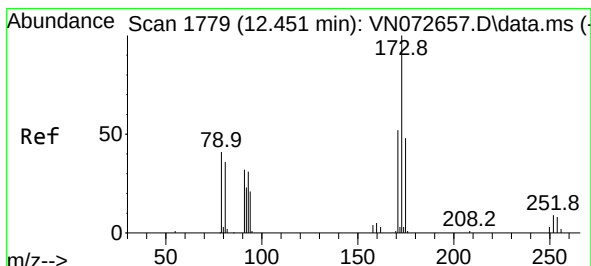
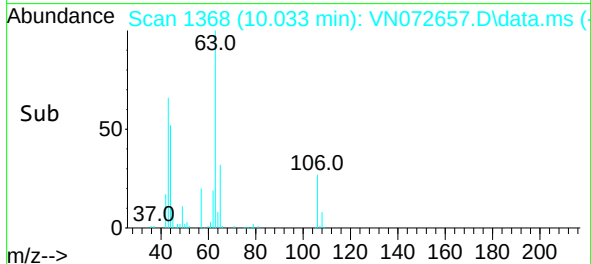
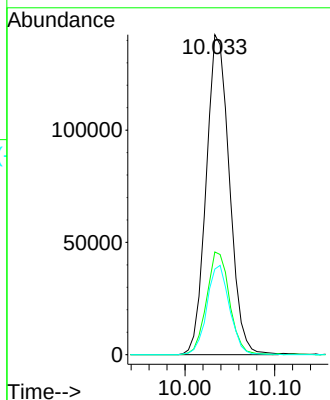
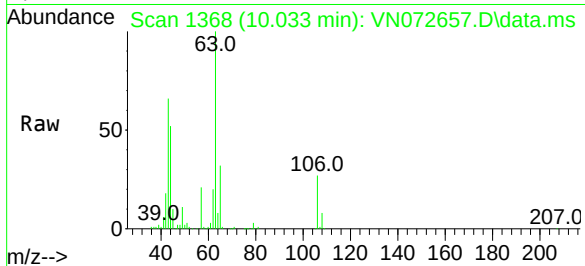




#55
2-Chloroethyl vinyl ether
Concen: 89.597 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

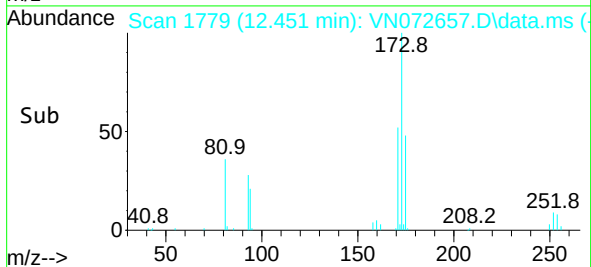
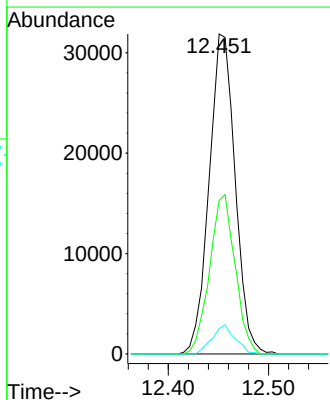
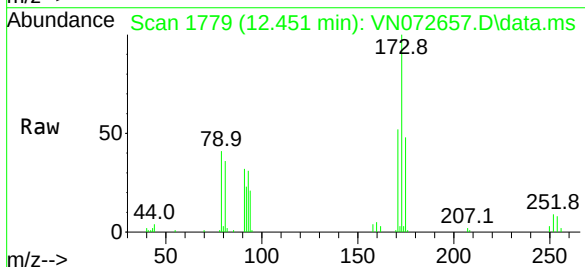
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

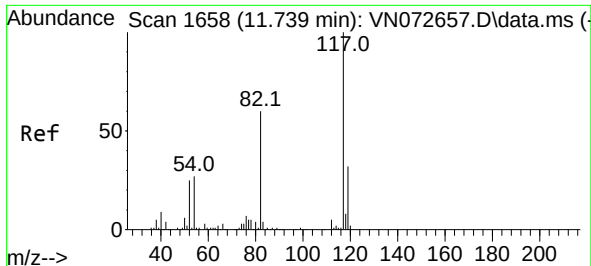
Tgt Ion: 63 Resp: 256454
Ion Ratio Lower Upper
63 100
65 31.7 25.4 38.0
106 27.1 23.2 34.8



#56
Bromoform
Concen: 20.063 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 173 Resp: 57586
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 8.1 0.0 0.0#

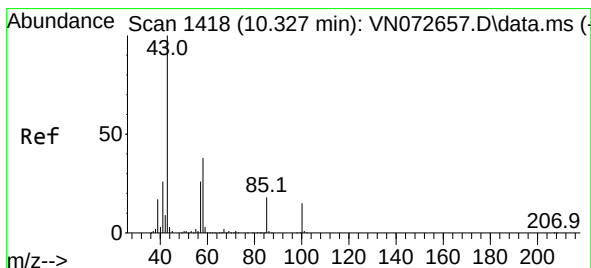
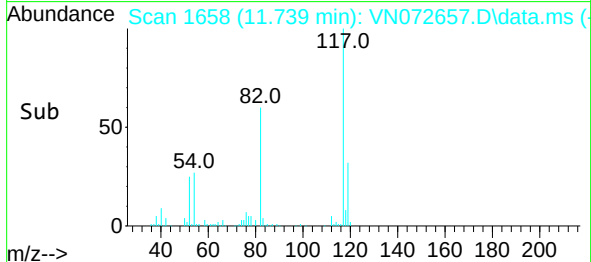
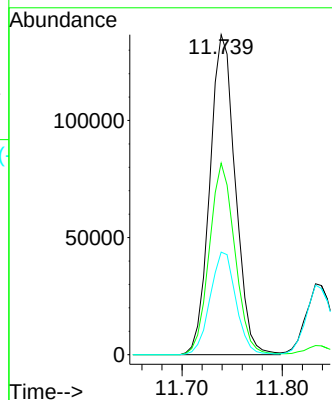
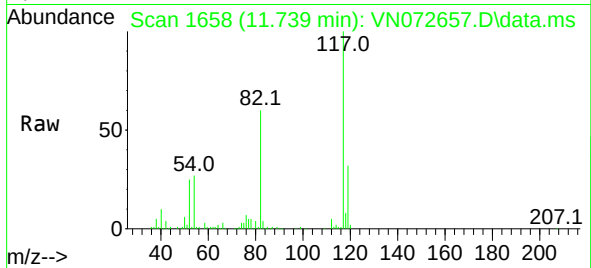




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

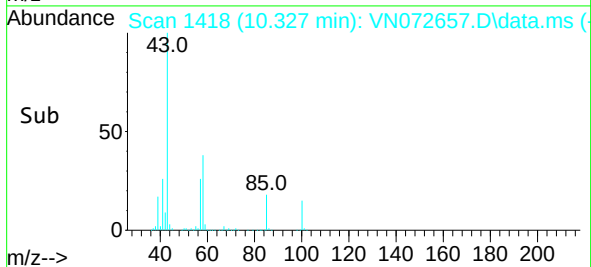
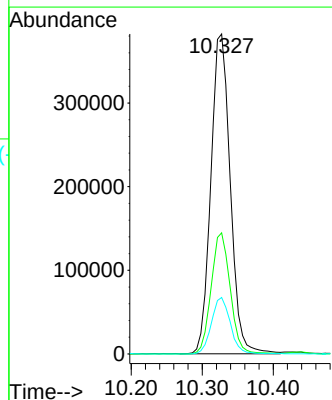
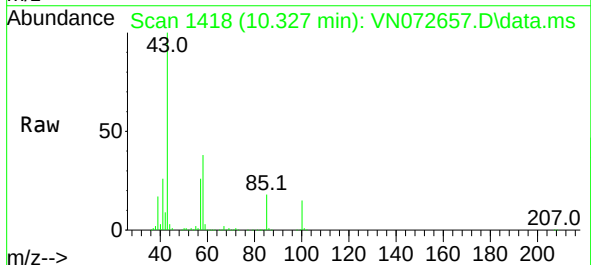
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

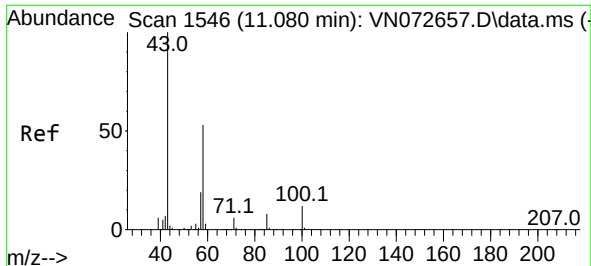
Tgt Ion:117 Resp: 241354
Ion Ratio Lower Upper
117 100
82 60.1 43.6 65.4
119 32.5 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 104.329 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 43 Resp: 725150
Ion Ratio Lower Upper
43 100
58 37.3 30.0 45.0
85 17.1 15.0 22.6

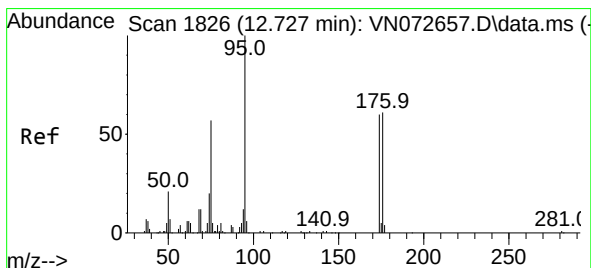
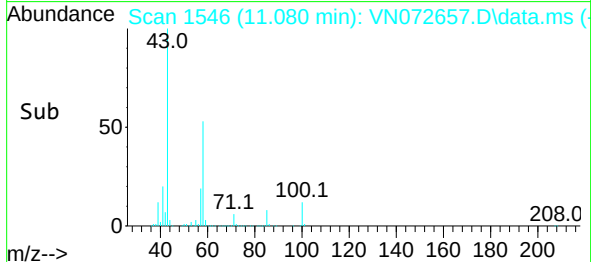
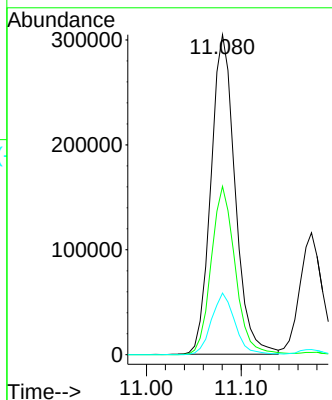
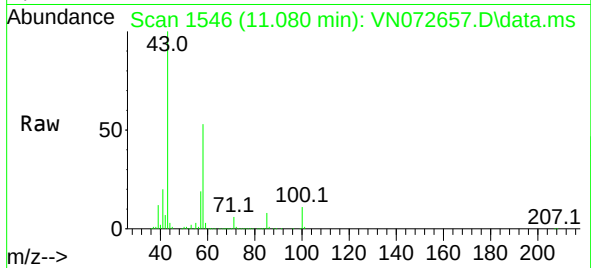




#59
2-Hexanone
Concen: 108.075 ug/l
RT: 11.080 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

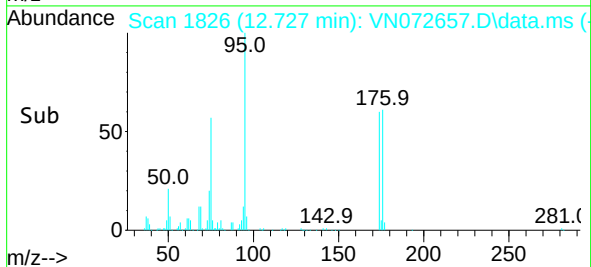
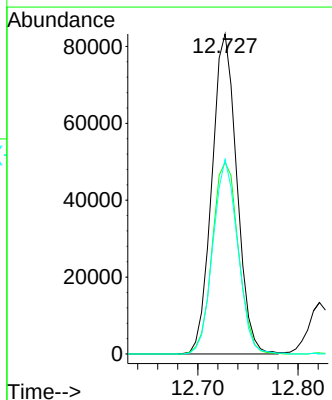
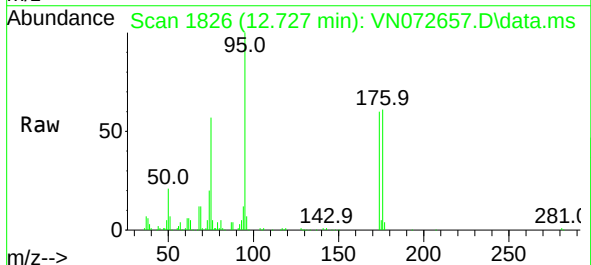
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

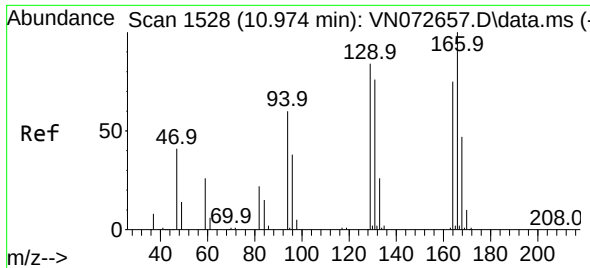
Tgt Ion: 43 Resp: 540978
Ion Ratio Lower Upper
43 100
58 52.5 42.2 63.2
57 18.8 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 33.113 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 95 Resp: 143931
Ion Ratio Lower Upper
95 100
174 62.7 62.9 94.3#
176 60.5 61.0 91.4#

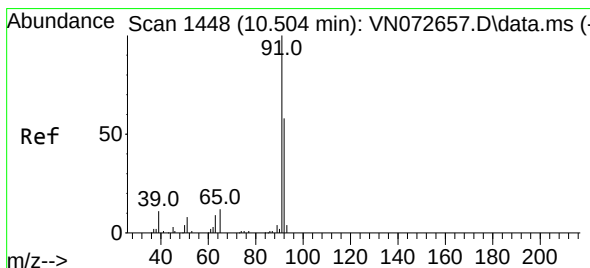
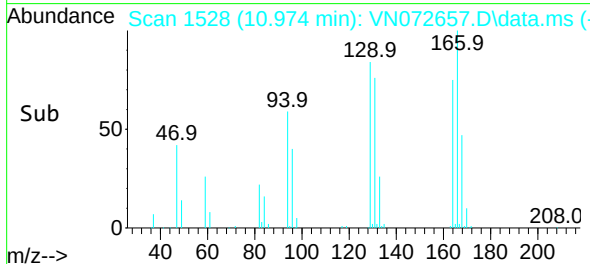
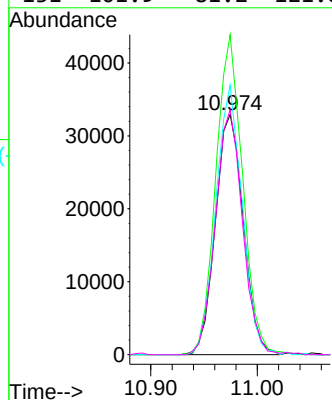
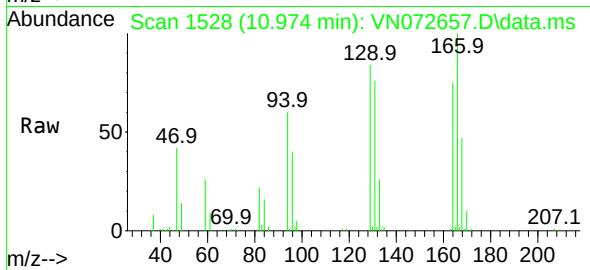




#61
Tetrachloroethene
Concen: 19.400 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

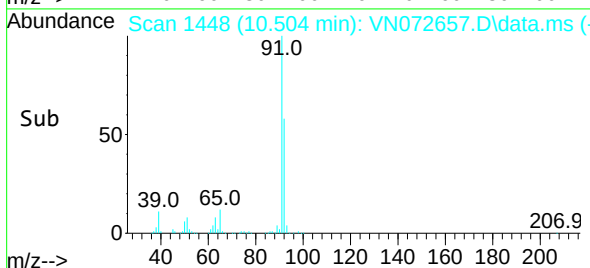
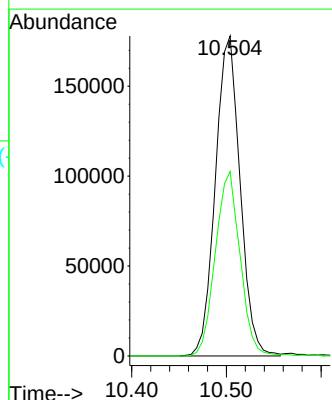
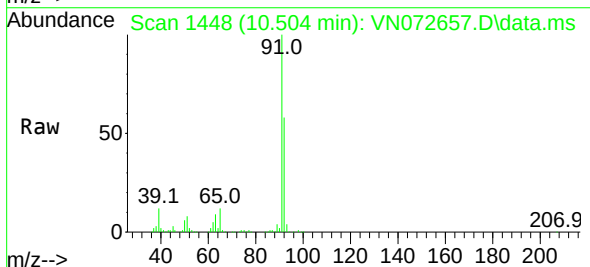
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

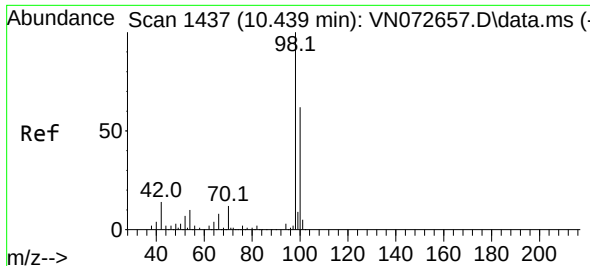
Tgt Ion:164 Resp: 59901
Ion Ratio Lower Upper
164 100
166 133.2 105.8 158.8
129 112.3 82.5 123.7
131 101.9 81.2 121.8



#62
Toluene
Concen: 19.646 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 91 Resp: 323350
Ion Ratio Lower Upper
91 100
92 57.4 44.6 67.0

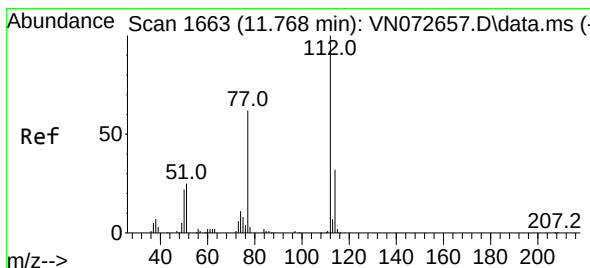
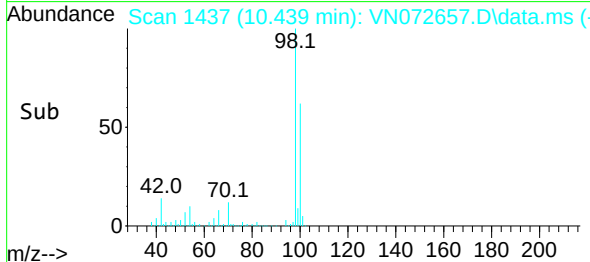
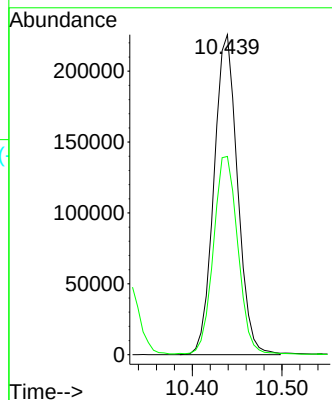
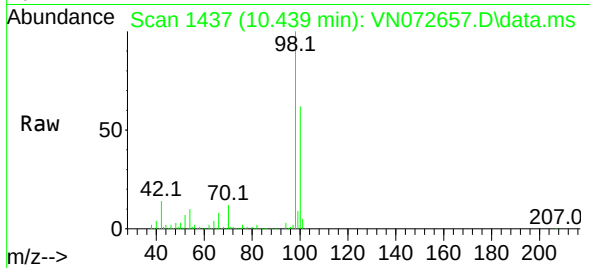




#63
Toluene-d8
Concen: 30.145 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

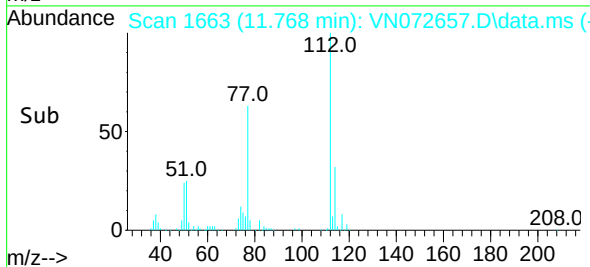
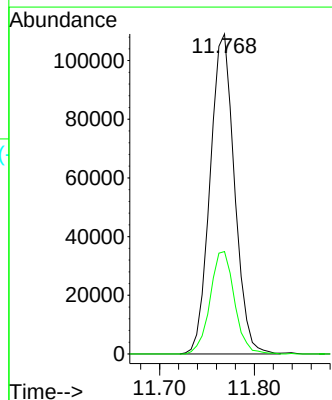
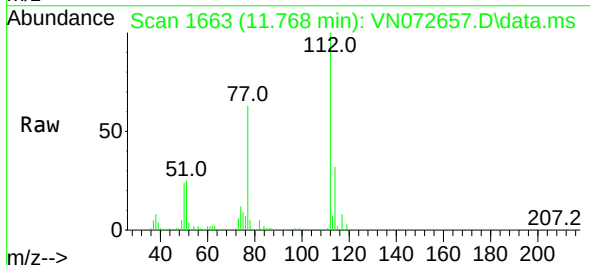
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

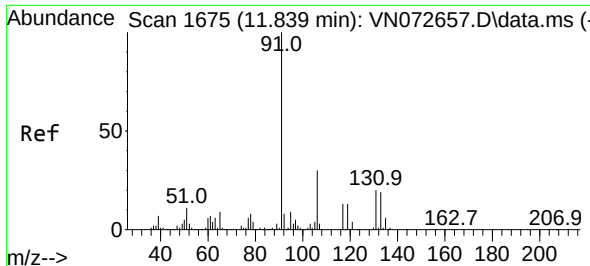
Tgt Ion: 98 Resp: 412493
Ion Ratio Lower Upper
98 100
100 63.4 50.6 76.0



#64
Chlorobenzene
Concen: 20.092 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 112 Resp: 194502
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

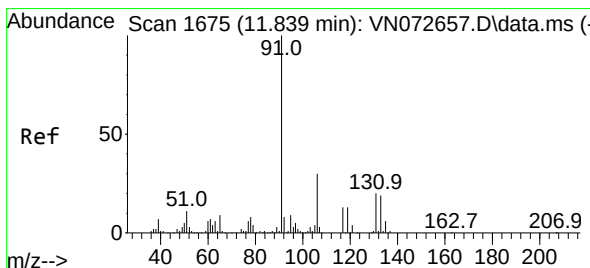
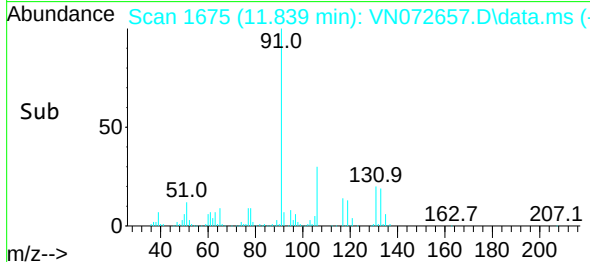
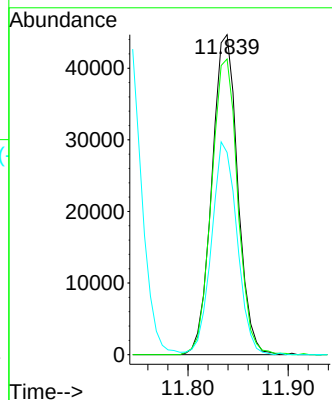
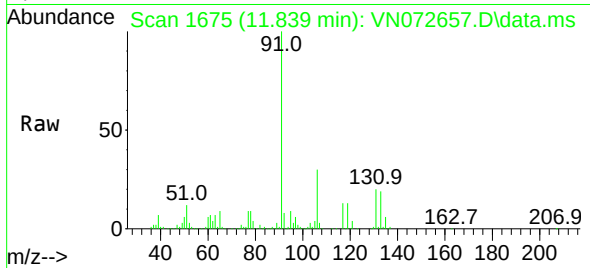




#65
1,1,1,2-Tetrachloroethane
Concen: 20.744 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

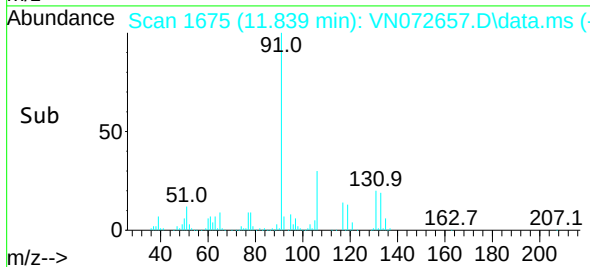
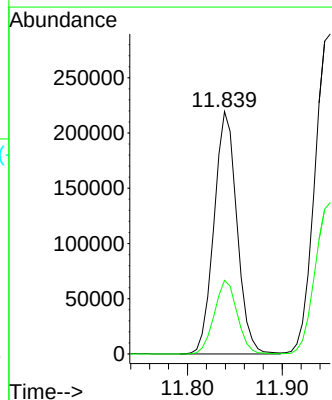
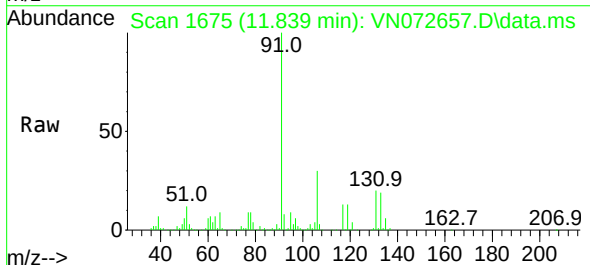
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

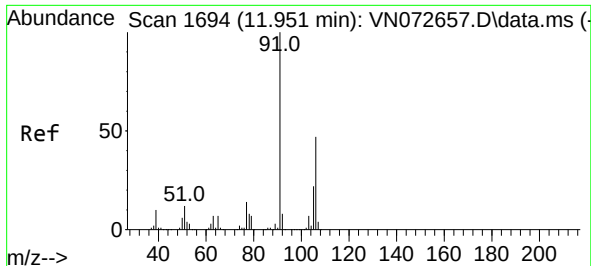
Tgt Ion:131 Resp: 79812
Ion Ratio Lower Upper
131 100
133 93.6 0.0 191.2
119 65.7 0.0 128.8



#66
Ethyl Benzene
Concen: 19.936 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 91 Resp: 368885
Ion Ratio Lower Upper
91 100
106 30.4 24.0 36.0

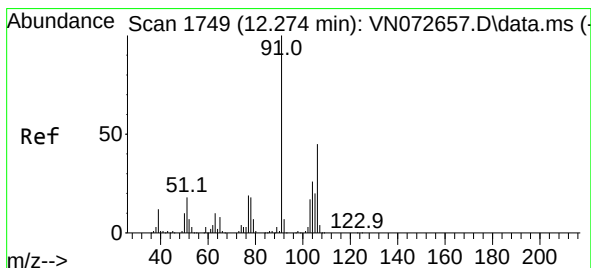
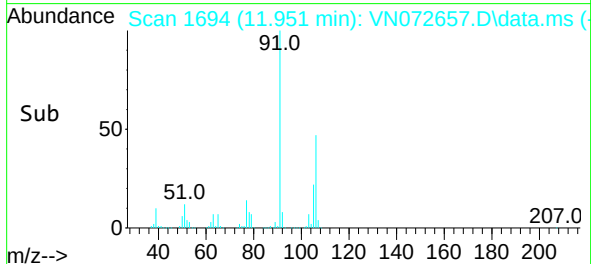
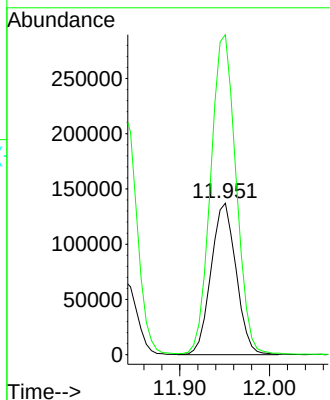
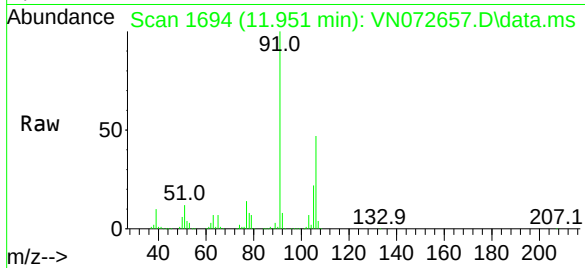




#67
m/p-Xylenes
Concen: 39.946 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

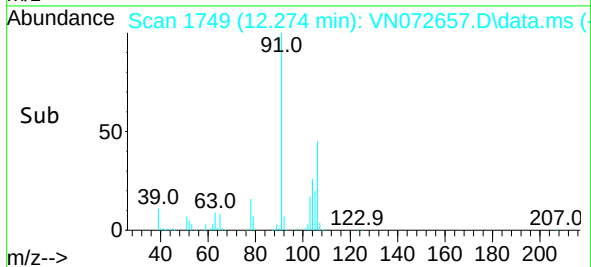
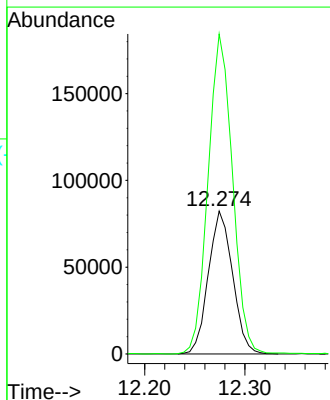
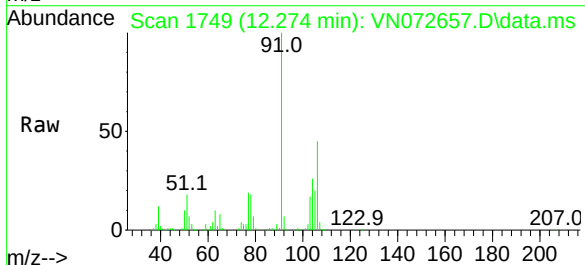
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

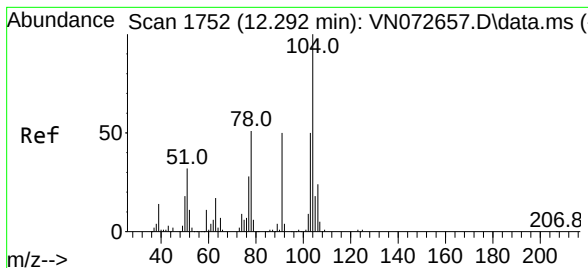
Tgt Ion:106 Resp: 265958
Ion Ratio Lower Upper
106 100
91 214.1 162.9 244.3



#68
o-Xylene
Concen: 20.682 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion:106 Resp: 138129
Ion Ratio Lower Upper
106 100
91 225.3 107.7 323.1





#69

Styrene

Concen: 19.758 ug/l

RT: 12.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

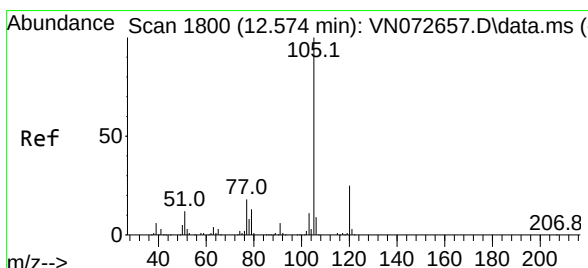
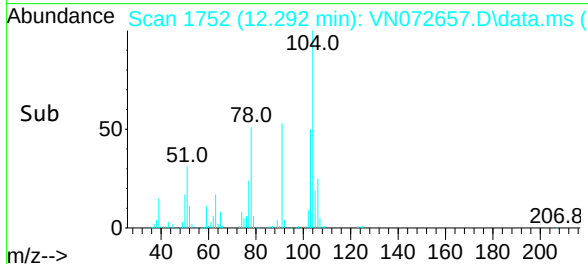
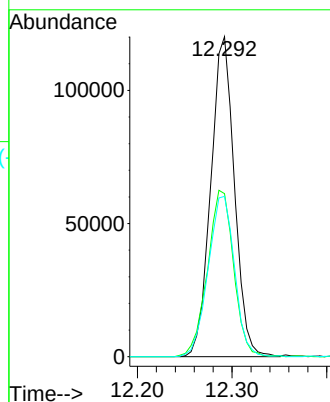
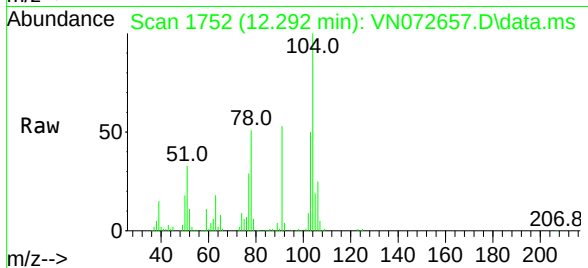
Tgt Ion:104 Resp: 208336

Ion Ratio Lower Upper

104 100

78 57.5 40.7 61.1

103 55.9 45.8 68.8



#70

Isopropylbenzene

Concen: 20.780 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072657.D

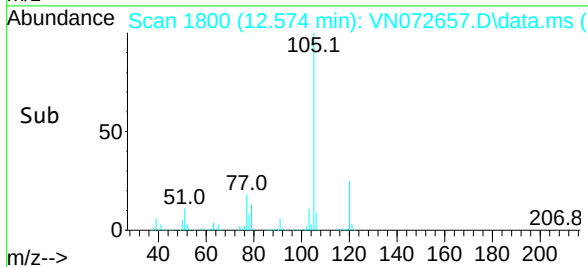
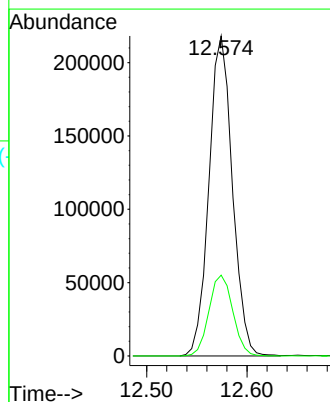
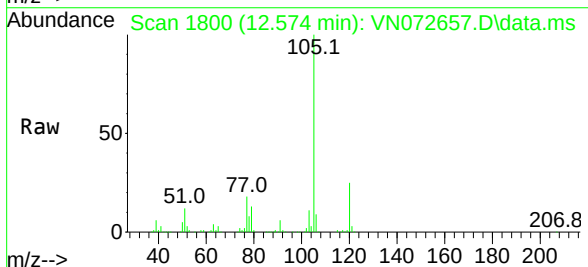
Acq: 06 Jun 2022 11:17

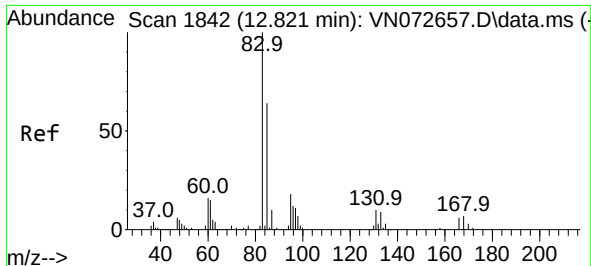
Tgt Ion:105 Resp: 355158

Ion Ratio Lower Upper

105 100

120 25.6 18.3 34.1

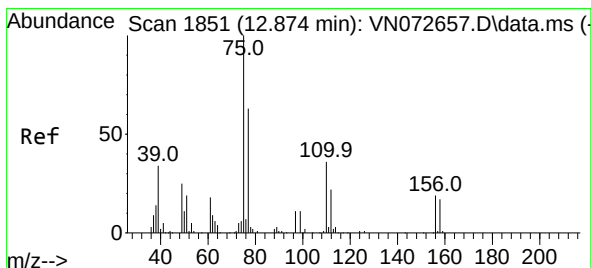
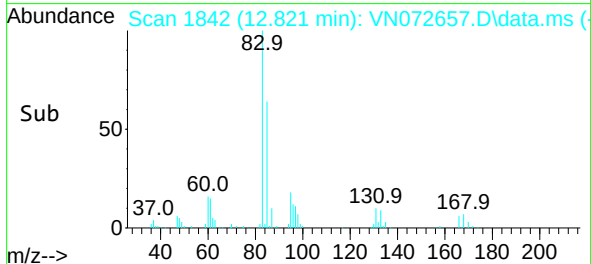
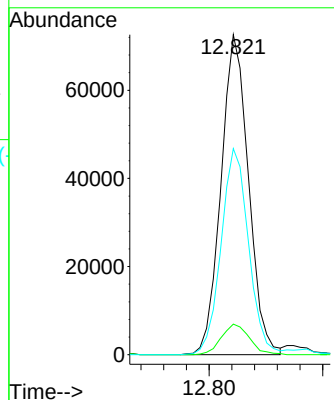
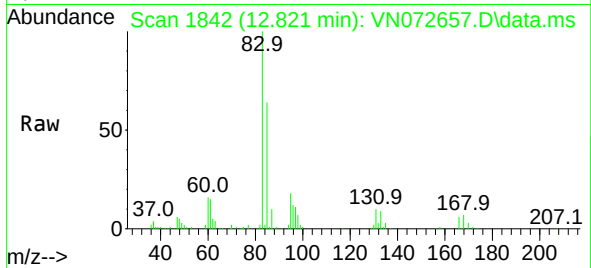




#71
 1,1,2,2-Tetrachloroethane
 Concen: 20.851 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

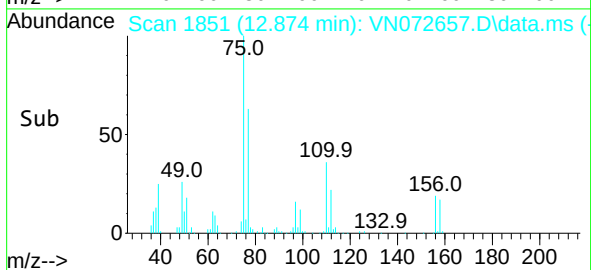
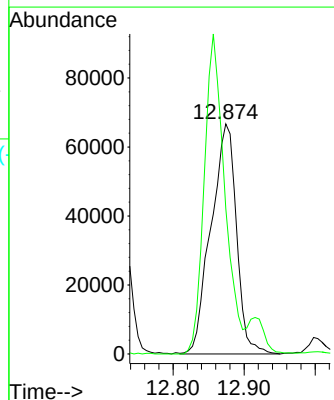
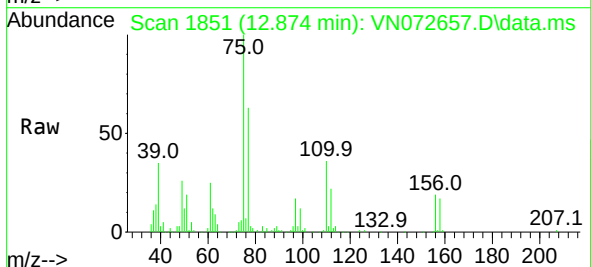
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

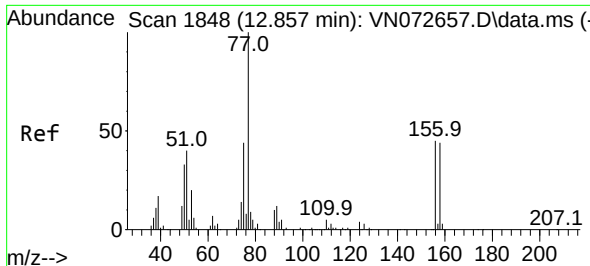
Tgt Ion: 83 Resp: 122140
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 64.3 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 29.917 ug/l
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072657.D
 Acq: 06 Jun 2022 11:17

Tgt Ion: 75 Resp: 165939
 Ion Ratio Lower Upper
 75 100
 77 112.0 0.0 378.0

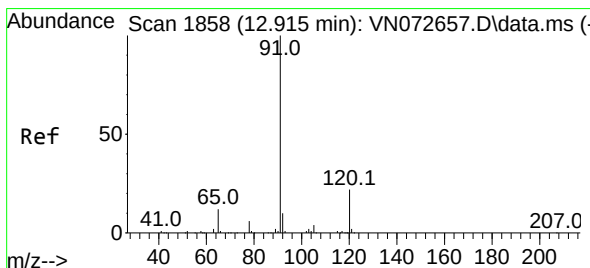
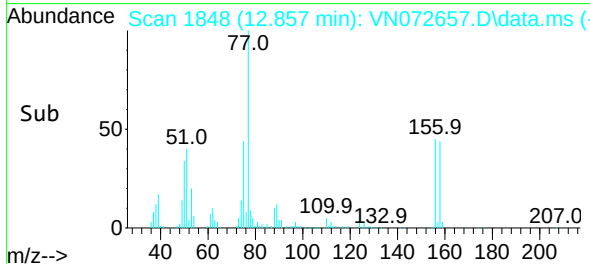
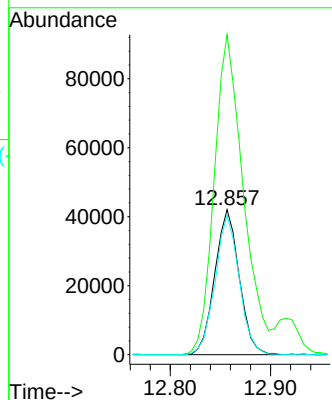
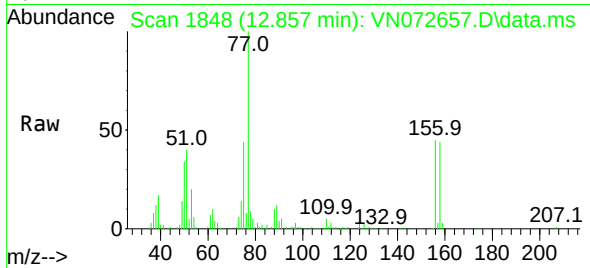




#73
Bromobenzene
Concen: 19.326 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

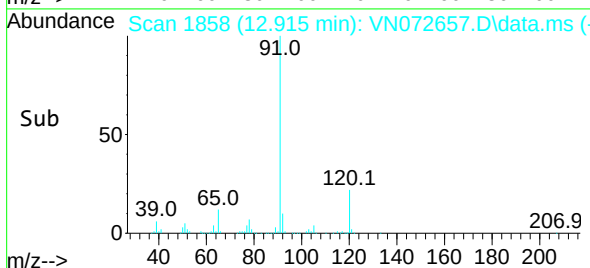
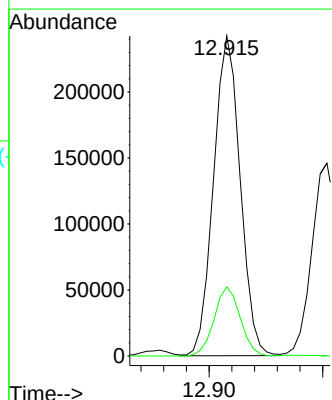
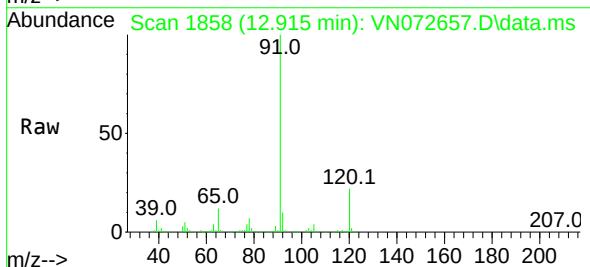
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

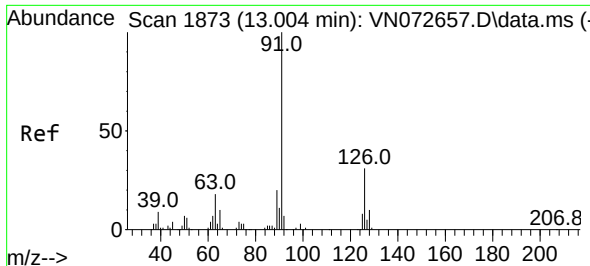
Tgt Ion:156 Resp: 71217
Ion Ratio Lower Upper
156 100
77 260.9 0.0 416.0
158 95.0 0.0 195.4



#74
n-propylbenzene
Concen: 20.326 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 91 Resp: 393941
Ion Ratio Lower Upper
91 100
120 21.1 0.0 45.0

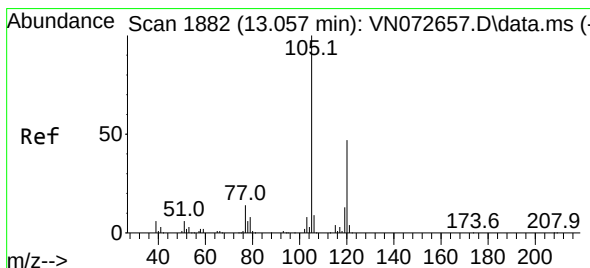
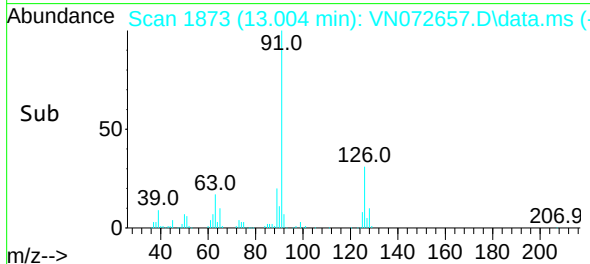
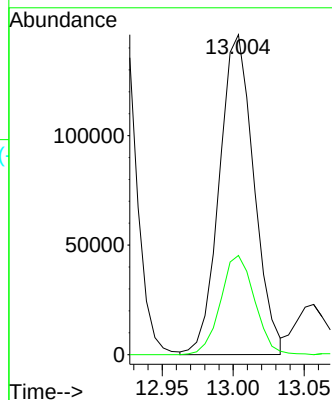
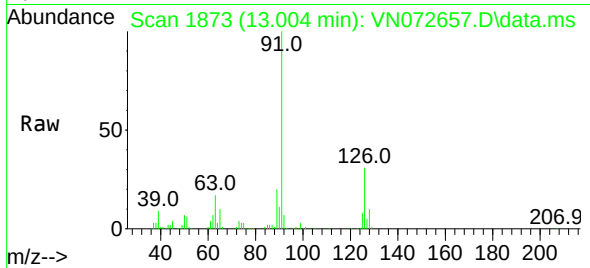




#75
2-Chlorotoluene
Concen: 20.902 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

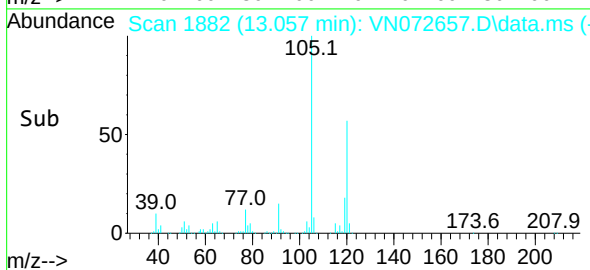
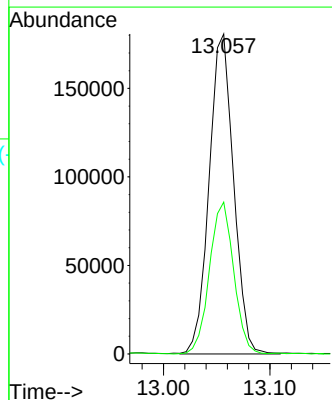
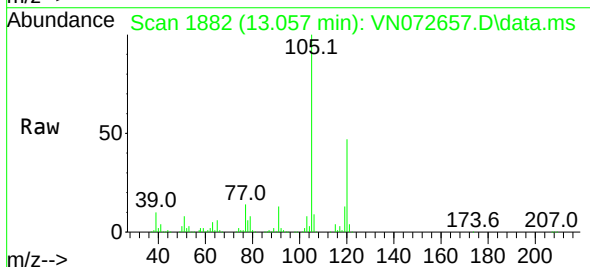
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

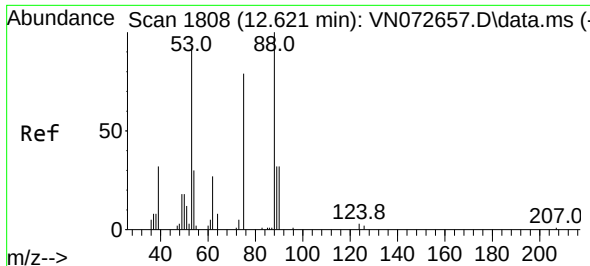
Tgt Ion: 91 Resp: 247283
Ion Ratio Lower Upper
91 100
126 30.5 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 21.152 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 105 Resp: 287964
Ion Ratio Lower Upper
105 100
120 47.0 0.0 93.8

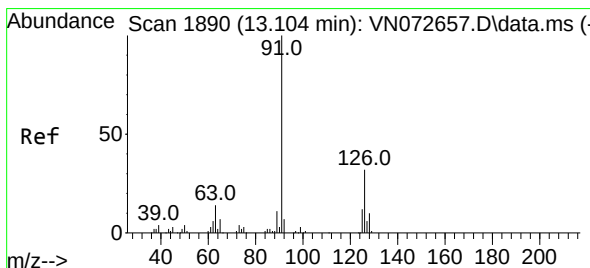
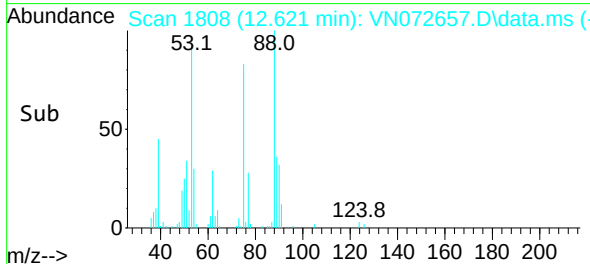
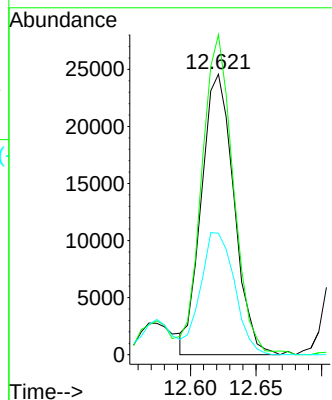
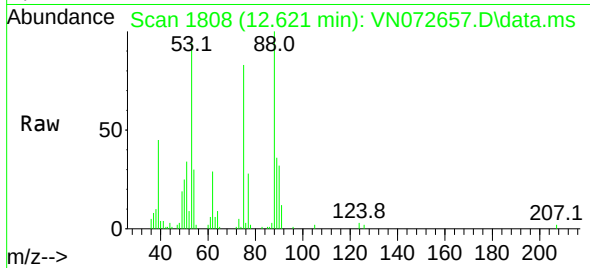




#77
t-1,4-Dichloro-2-butene
Concen: 21.414 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

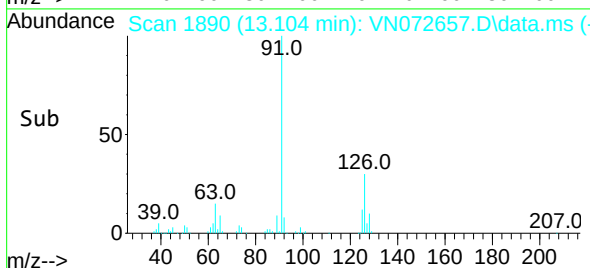
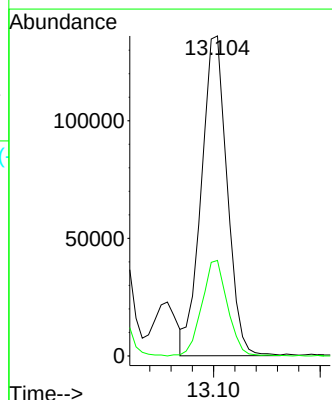
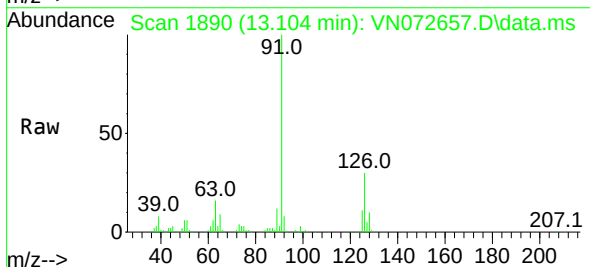
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

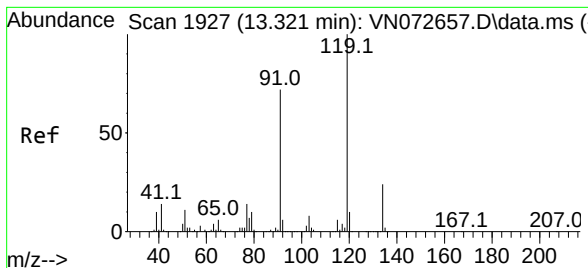
Tgt Ion: 75 Resp: 42395
Ion Ratio Lower Upper
75 100
53 112.8 51.8 155.5
89 43.3 22.9 68.7



#78
4-Chlorotoluene
Concen: 21.232 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 91 Resp: 229266
Ion Ratio Lower Upper
91 100
126 29.7 0.0 70.6





#79

tert-butylbenzene

Concen: 21.746 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

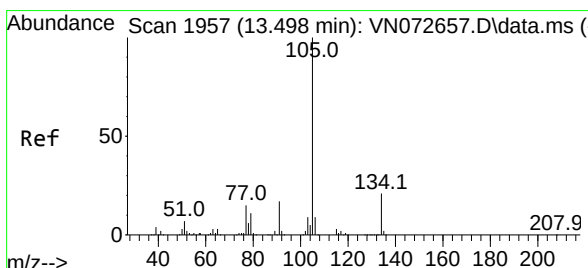
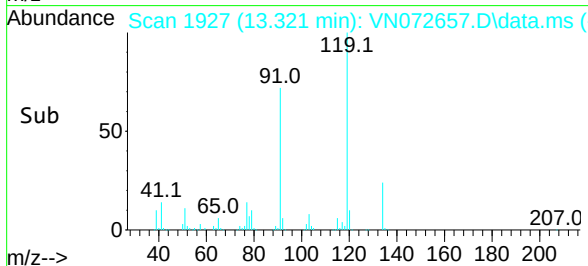
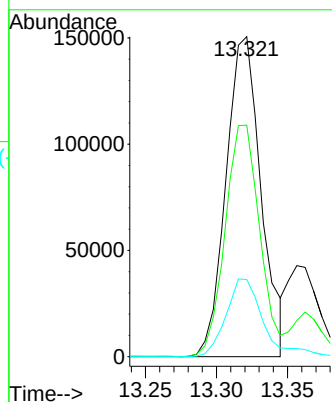
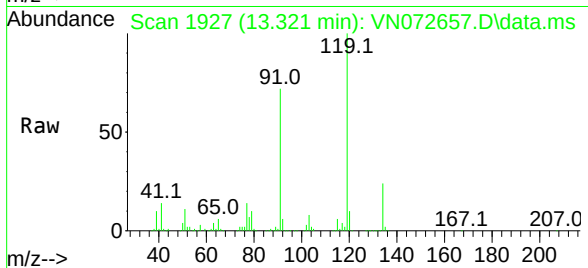
Tgt Ion:119 Resp: 259002

Ion Ratio Lower Upper

119 100

91 71.2 0.0 137.0

134 24.4 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 24.702 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN072657.D

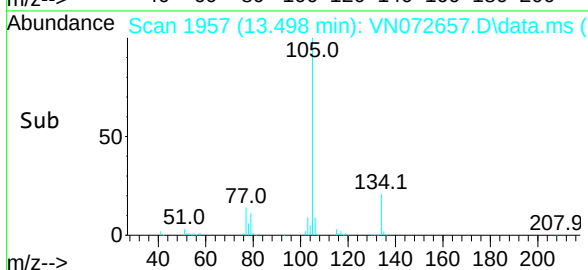
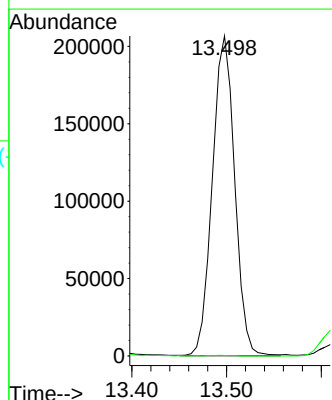
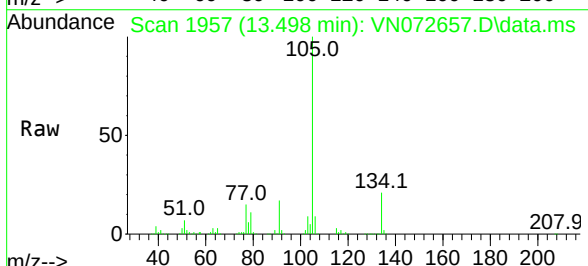
Acq: 06 Jun 2022 11:17

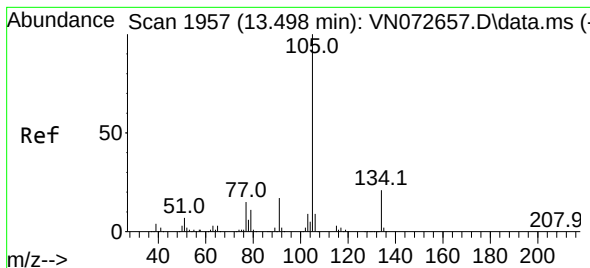
Tgt Ion:105 Resp: 338515

Ion Ratio Lower Upper

105 100

120 0.2 0.0 0.2





#81

sec-Butylbenzene

Concen: 19.785 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

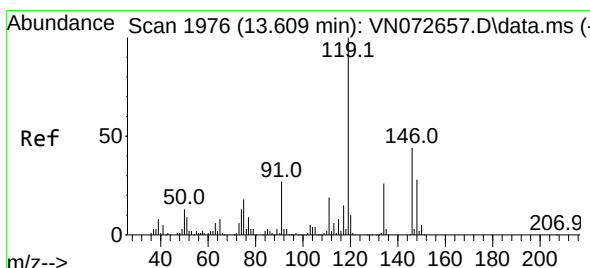
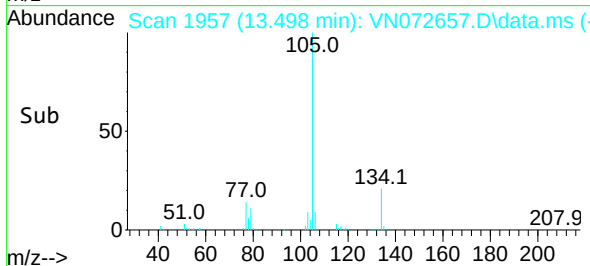
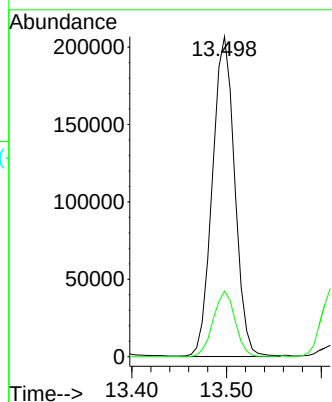
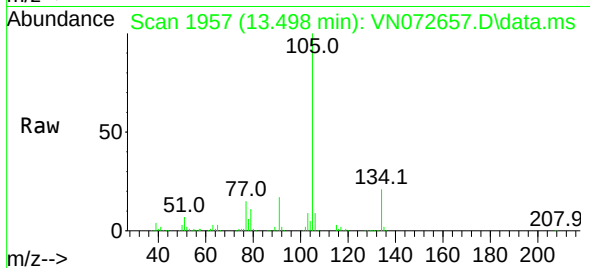
VSTDICCC020

Tgt Ion:105 Resp: 338515

Ion Ratio Lower Upper

105 100

134 20.1 0.0 39.4



#82

p-Isopropyltoluene

Concen: 19.868 ug/l

RT: 13.609 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

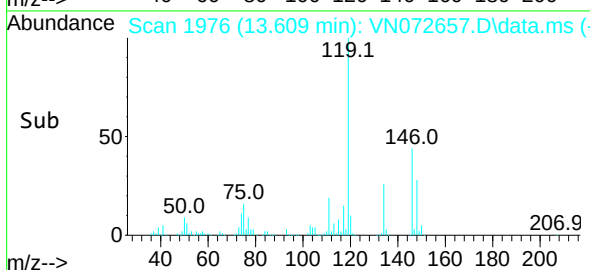
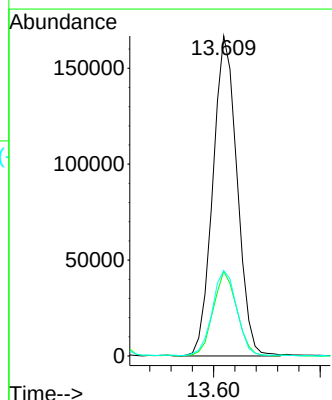
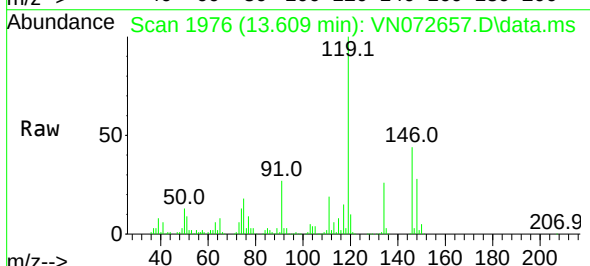
Tgt Ion:119 Resp: 263666

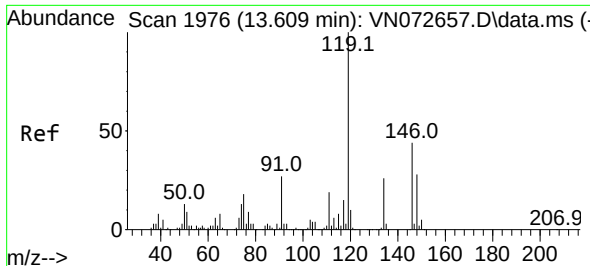
Ion Ratio Lower Upper

119 100

134 25.7 0.0 51.8

91 26.9 0.0 50.4

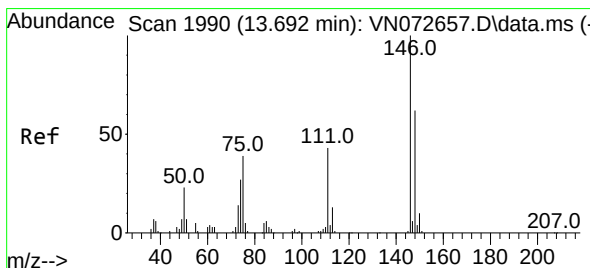
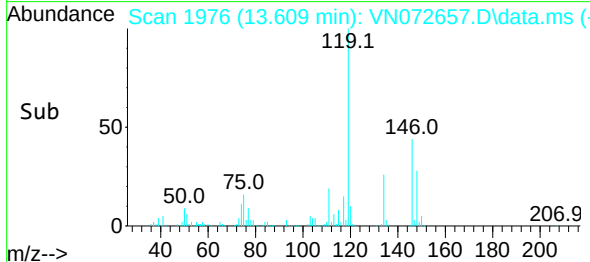
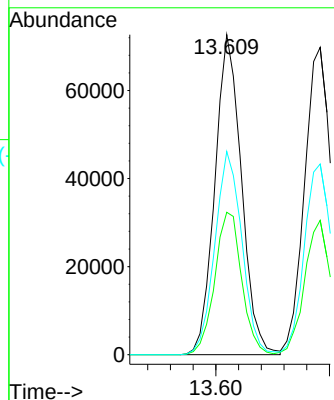
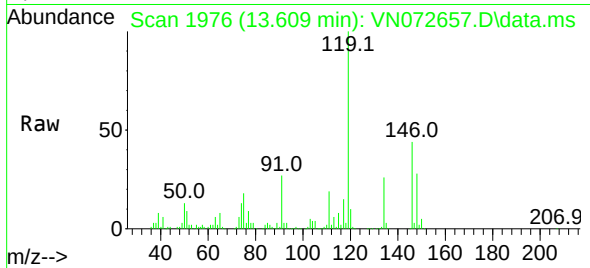




#83
1,3-Dichlorobenzene
Concen: 18.383 ug/l
RT: 13.609 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

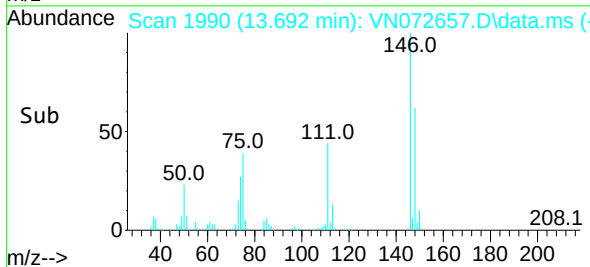
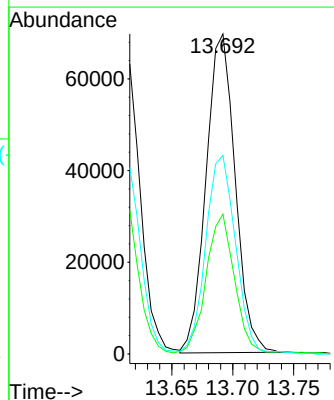
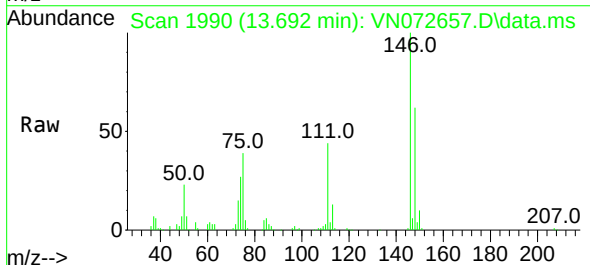
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

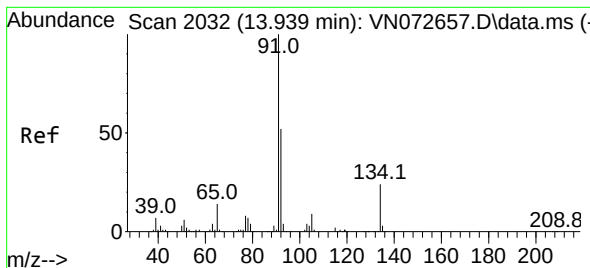
Tgt Ion:146 Resp: 118100
Ion Ratio Lower Upper
146 100
111 45.2 20.8 62.2
148 64.8 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 18.556 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion:146 Resp: 115982
Ion Ratio Lower Upper
146 100
111 42.2 19.5 58.5
148 63.7 31.1 93.5





#85

n-Butylbenzene

Concen: 19.709 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

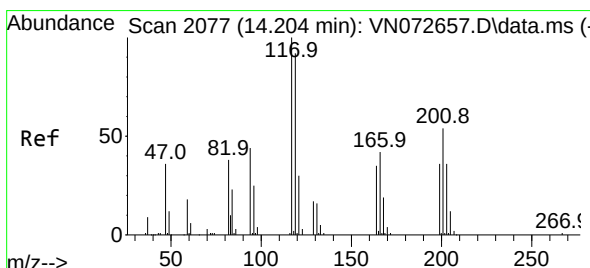
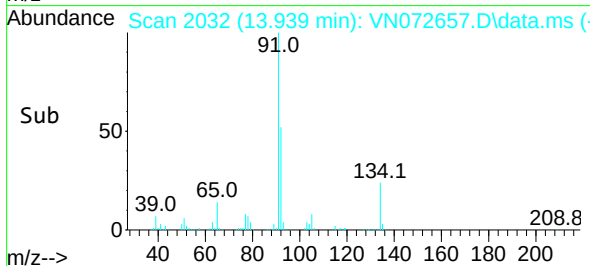
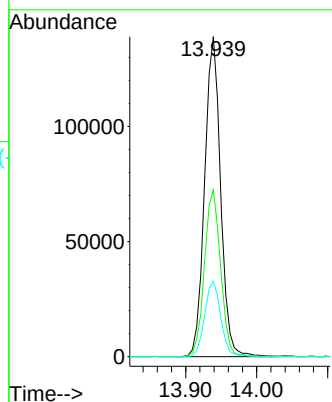
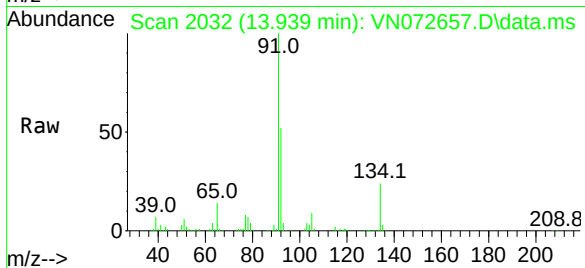
Tgt Ion: 91 Resp: 218001

Ion Ratio Lower Upper

91 100

92 52.7 0.0 100.6

134 23.7 0.0 50.2



#86

Hexachloroethane

Concen: 22.393 ug/l

RT: 14.204 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VN072657.D

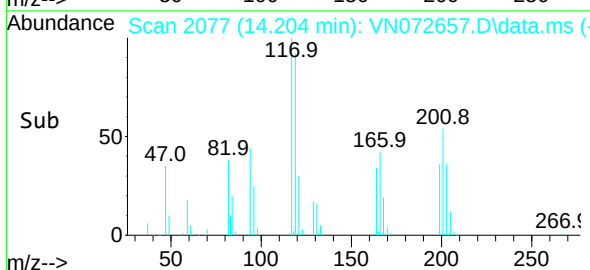
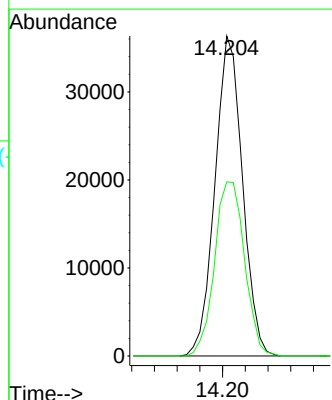
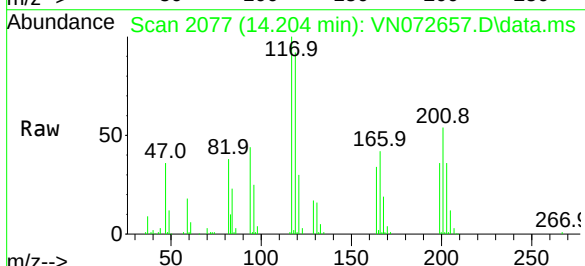
Acq: 06 Jun 2022 11:17

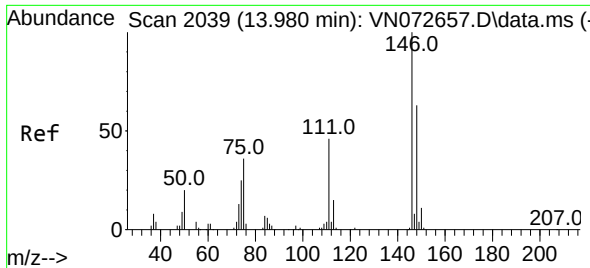
Tgt Ion: 117 Resp: 61158

Ion Ratio Lower Upper

117 100

201 59.3 33.3 99.8

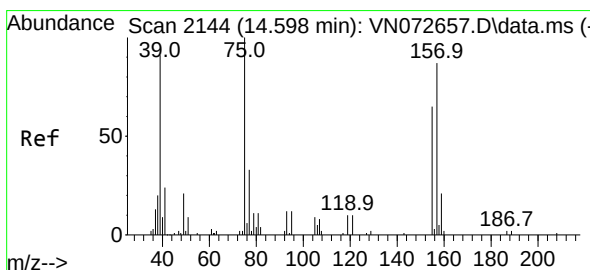
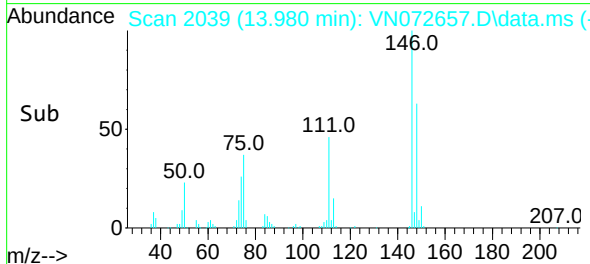
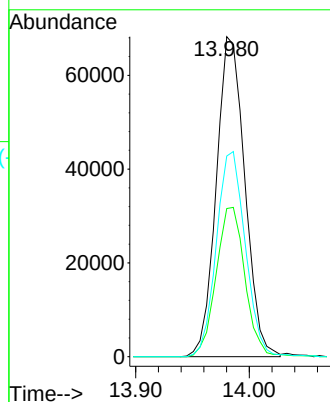
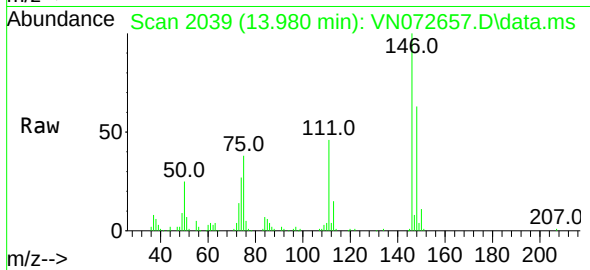




#87
1,2-Dichlorobenzene
Concen: 18.884 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

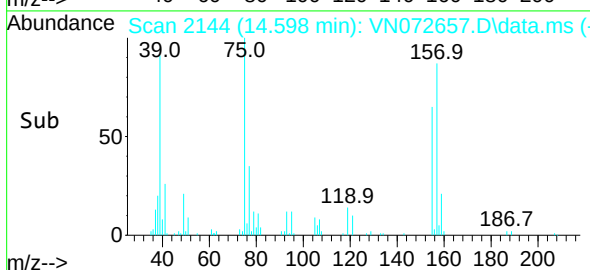
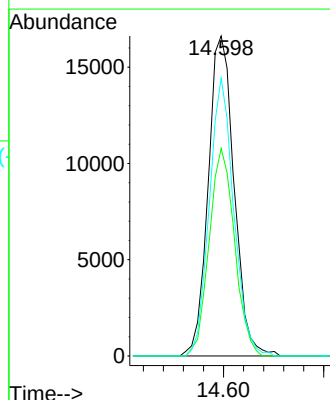
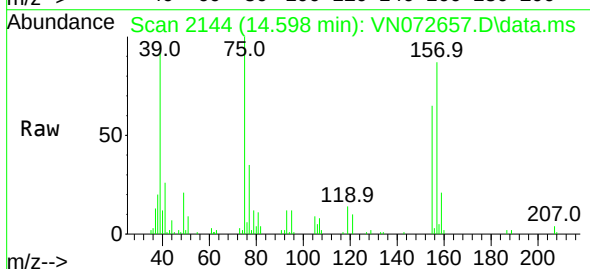
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

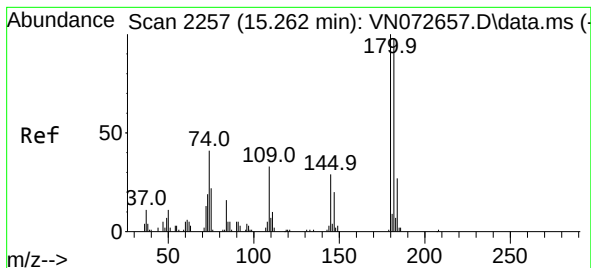
Tgt Ion:146 Resp: 119214
Ion Ratio Lower Upper
146 100
111 47.3 21.4 64.2
148 64.7 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 24.470 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072657.D
Acq: 06 Jun 2022 11:17

Tgt Ion: 75 Resp: 29820
Ion Ratio Lower Upper
75 100
155 63.4 63.8 95.8#
157 81.7 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 18.315 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

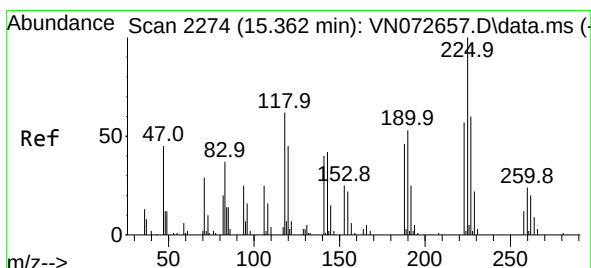
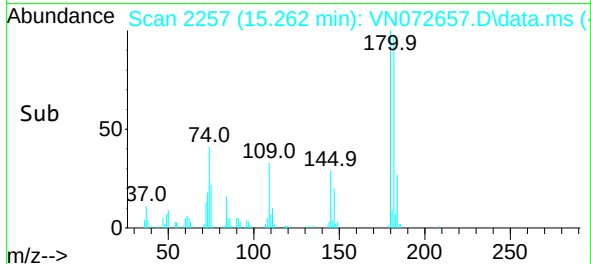
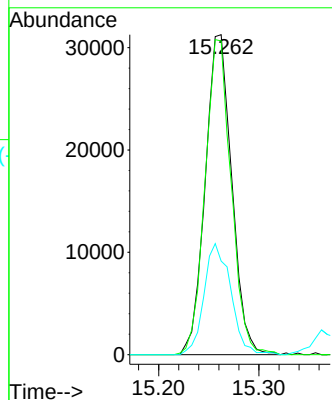
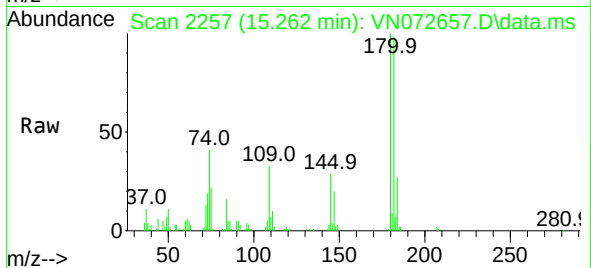
Tgt Ion:180 Resp: 57589

Ion Ratio Lower Upper

180 100

182 96.7 77.7 116.5

145 34.7 26.6 39.8



#90

Hexachlorobutadiene

Concen: 18.177 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

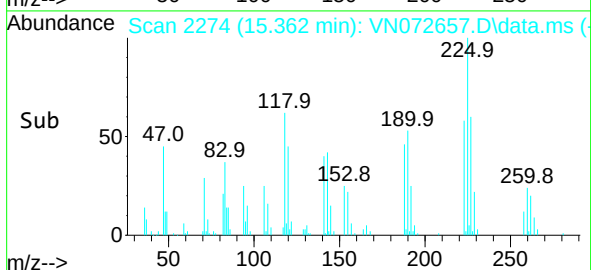
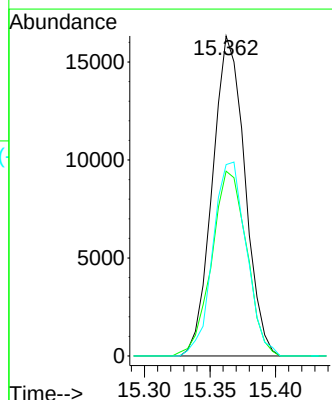
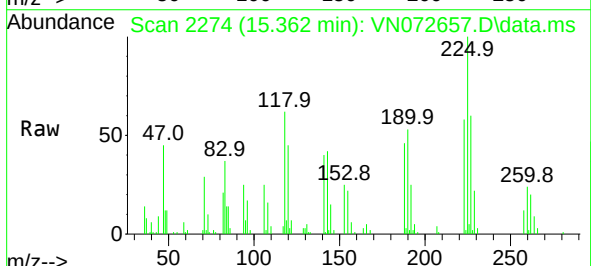
Tgt Ion:225 Resp: 28024

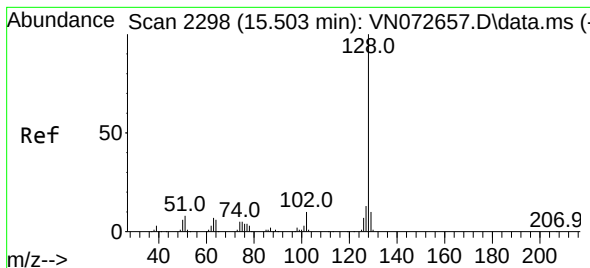
Ion Ratio Lower Upper

225 100

223 62.3 0.0 126.8

227 62.6 0.0 123.0





#91

Naphthalene

Concen: 20.072 ug/l

RT: 15.503 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

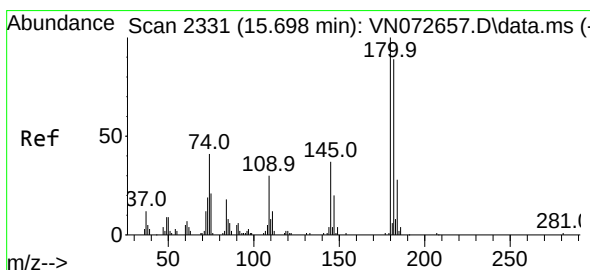
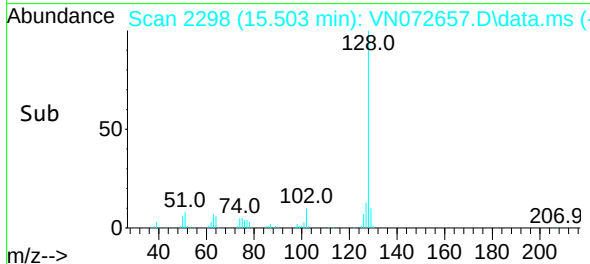
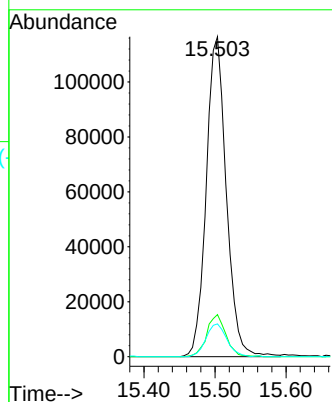
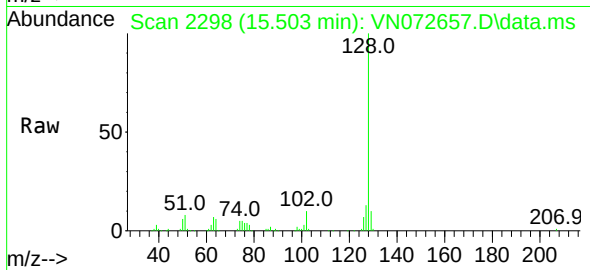
Tgt Ion:128 Resp: 228978

Ion Ratio Lower Upper

128 100

127 12.5 10.7 16.1

129 10.6 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 18.156 ug/l

RT: 15.698 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VN072657.D

Acq: 06 Jun 2022 11:17

Tgt Ion:180 Resp: 57911

Ion Ratio Lower Upper

180 100

182 97.1 0.0 190.0

145 38.1 0.0 67.8

