

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072678.D
 Acq On : 07 Jun 2022 10:36
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Jun 08 09:54:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	38556	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	237398	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	208111	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	136266	30.989	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.300%
60) 4-Bromofluorobenzene	12.727	95	119584	27.938	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.133%
63) Toluene-d8	10.439	98	362636	31.456	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.867%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	57583	19.937	ug/l	98
3) Chloromethane	2.298	50	61206	19.487	ug/l	92
4) Vinyl Chloride	2.440	62	55627	19.642	ug/l	97
5) Bromomethane	2.851	94	26274	17.941	ug/l	99
6) Chloroethane	3.016	64	39887	21.123	ug/l	100
7) Trichlorofluoromethane	3.375	101	99418	19.419	ug/l	100
8) Diethyl Ether	3.816	74	39992	20.148	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.204	101	53610	19.877	ug/l	73
10) 1,1-Dichloroethene	4.175	96	50792	19.939	ug/l	97
11) Methyl Iodide	4.422	142	46376	18.183	ug/l	94
12) Methyl Acetate	4.845	43	110441	21.013	ug/l	93
13) Acrolein	4.040	56	34012	73.928	ug/l	98
14) Acrylonitrile	5.545	53	214378	100.066	ug/l	98
15) Acetone	4.281	58	57642	99.374	ug/l	99
16) Carbon Disulfide	4.528	76	117276	18.262	ug/l	97
17) Allyl chloride	4.839	41	103654	18.836	ug/l	86
18) Methylene Chloride	5.081	84	34980	10.936	ug/l	88
19) trans-1,2-Dichloroethene	5.592	96	54251	19.680	ug/l	90
20) Diisopropyl ether	6.486	45	228453	20.962	ug/l	97
21) 1,1-Dichloroethane	6.381	63	123245	20.354	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	69274	20.062	ug/l #	85
23) tert-Butyl Alcohol	5.357	59	87478	87.744	ug/l #	100
24) Methyl tert-Butyl Ether	5.610	73	226954	20.033	ug/l	98
25) Chloroform	7.816	83	125042	20.103	ug/l	99
26) Cyclohexane	8.092	56	101387	20.083	ug/l #	92
29) 1,1-Dichloropropene	8.216	75	84480	18.668	ug/l	97
30) 2-Butanone	7.328	43	307055	93.757	ug/l	94
31) 2,2-Dichloropropane	7.322	77	64837	10.585	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	112359	18.976	ug/l	95
33) Carbon Tetrachloride	8.198	117	95563	18.715	ug/l	96
34) Benzene	8.457	78	261166	19.507	ug/l	98
35) Methacrylonitrile	7.628	41	64730	20.157	ug/l	96
36) 1,2-Dichloroethane	8.527	62	108143	19.119	ug/l	100
37) Trichloroethene	9.210	130	62446	19.348	ug/l	90
38) Methylcyclohexane	9.457	83	102553	18.983	ug/l	92
39) 1,2-Dichloropropane	9.486	63	71318	19.390	ug/l	99
40) Dibromomethane	9.574	93	49524	19.614	ug/l	93
41) Bromodichloromethane	9.757	83	105840	19.596	ug/l	94
42) Vinyl Acetate	6.428	43	996488	93.461	ug/l	98

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Quant Time: Jun 08 09:54:34 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	122944	19.593	ug/l	97
44) Isopropyl Acetate	8.557	43	199624	19.179	ug/l	98
45) 1,4-Dioxane	9.563	88	29507	344.974	ug/l	93
46) Methyl methacrylate	9.557	41	83173	17.871	ug/l	88
47) n-amyl Acetate	12.386	43	122783	15.408	ug/l	99
48) t-1,3-Dichloropropene	10.716	75	101342	16.439	ug/l	96
49) cis-1,3-Dichloropropene	10.186	75	106168	16.960	ug/l	97
50) 1,1,2-Trichloroethane	10.892	97	70656	19.793	ug/l	96
51) Ethyl methacrylate	10.757	69	118828	18.377	ug/l	94
52) 1,3-Dichloropropane	11.039	76	127269	20.034	ug/l	98
53) Dibromochloromethane	11.239	129	74393	18.888	ug/l	99
54) 1,2-Dibromoethane	11.345	107	70488	18.779	ug/l	96
55) 2-Chloroethyl vinyl ether	10.033	63	227207	89.718	ug/l	99
56) Bromoform	12.451	173	48427	17.647	ug/l #	99
58) 4-Methyl-2-Pentanone	10.327	43	627385	100.510	ug/l	98
59) 2-Hexanone	11.080	43	444569	93.943	ug/l	99
61) Tetrachloroethene	10.974	164	55162	21.418	ug/l	98
62) Toluene	10.498	91	283763	20.109	ug/l	97
64) Chlorobenzene	11.768	112	169664	19.748	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	68492	20.221	ug/l	99
66) Ethyl Benzene	11.839	91	324976	20.059	ug/l	99
67) m/p-Xylenes	11.951	106	227953	38.577	ug/l	91
68) o-Xylene	12.274	106	115037	19.083	ug/l	90
69) Styrene	12.292	104	181606	18.978	ug/l	95
70) Isopropylbenzene	12.574	105	307536	19.524	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	102175	19.162	ug/l	100
72) 1,2,3-Trichloropropane	12.874	75	132477	28.469	ug/l	50
73) Bromobenzene	12.857	156	59934	18.717	ug/l	78
74) n-propylbenzene	12.915	91	339267	18.822	ug/l	98
75) 2-Chlorotoluene	13.004	91	209433	18.745	ug/l	93
76) 1,3,5-Trimethylbenzene	13.057	105	249365	19.287	ug/l	100
77) t-1,4-Dichloro-2-butene	12.621	75	28197	14.377	ug/l	95
78) 4-Chlorotoluene	13.104	91	196192	18.587	ug/l	91
79) tert-butylbenzene	13.321	119	219834	19.045	ug/l	97
80) 1,2,4-Trimethylbenzene	13.498	105	298563	19.152	ug/l	100
81) sec-Butylbenzene	13.498	105	298563	19.152	ug/l	99
82) p-Isopropyltoluene	13.610	119	228488	18.360	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	100234	17.880	ug/l	96
84) 1,4-Dichlorobenzene	13.692	146	99294	18.242	ug/l	96
85) n-Butylbenzene	13.939	91	184215	17.458	ug/l	96
86) Hexachloroethane	14.204	117	51845	18.827	ug/l	87
87) 1,2-Dichlorobenzene	13.986	146	103978	18.742	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	23344	17.461	ug/l	88
89) 1,2,4-Trichlorobenzene	15.262	180	48268	17.265	ug/l	99
90) Hexachlorobutadiene	15.362	225	22612	18.028	ug/l	95
91) Naphthalene	15.503	128	176723	15.842	ug/l	99
92) 1,2,3-Trichlorobenzene	15.692	180	49772	17.500	ug/l	97

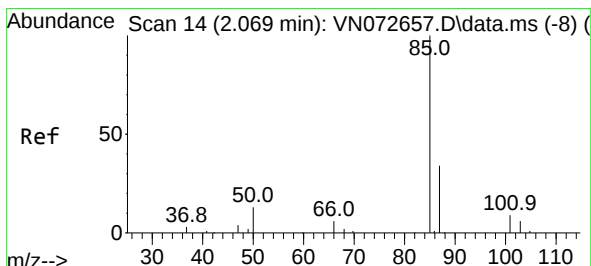
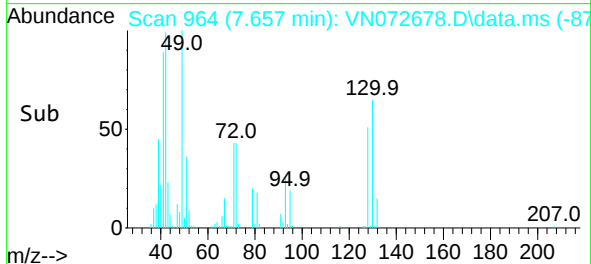
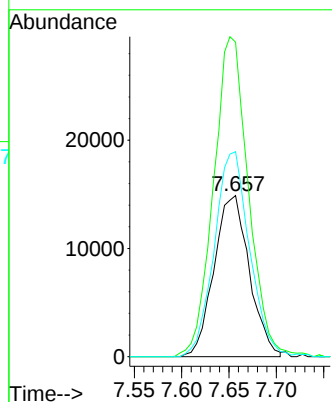
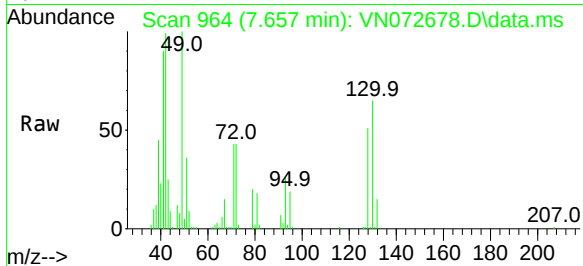
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 9
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

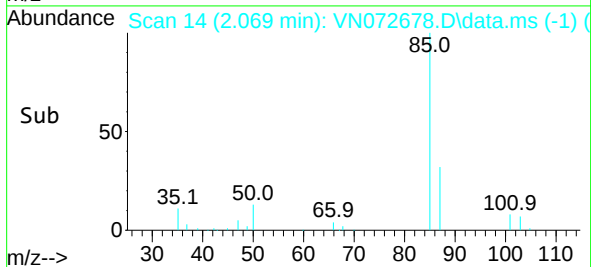
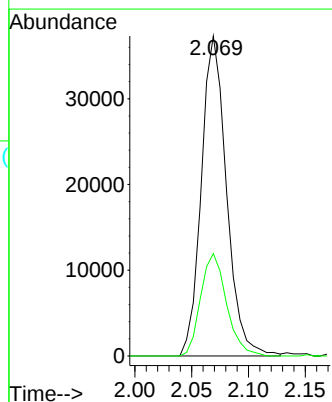
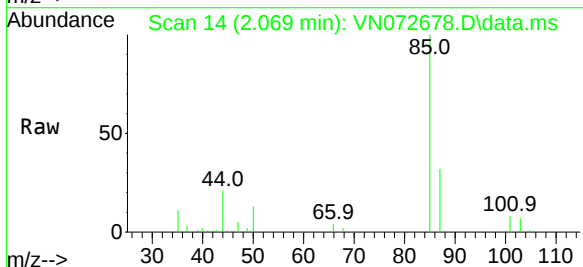
Instrument :
MSVOA_N
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VSTDCCC020

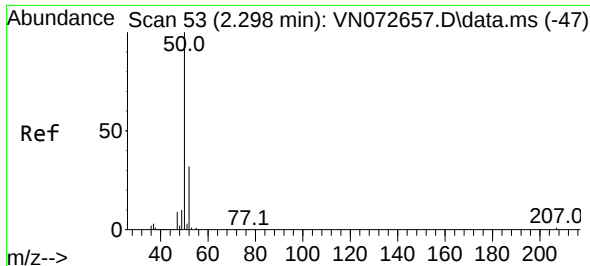
Tgt Ion:128 Resp: 38556
Ion Ratio Lower Upper
128 100
49 196.5 0.0 392.3
130 127.3 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 19.937 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 85 Resp: 57583
Ion Ratio Lower Upper
85 100
87 32.0 16.6 49.7

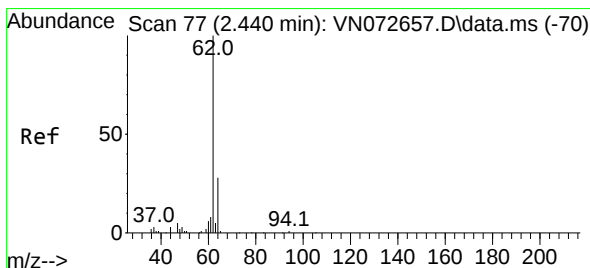
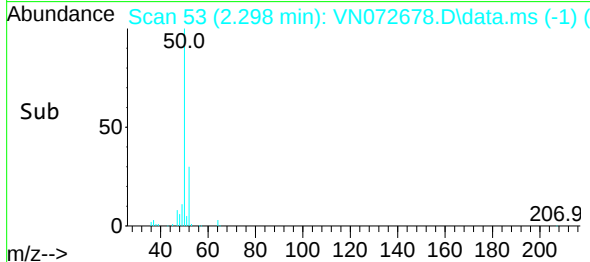
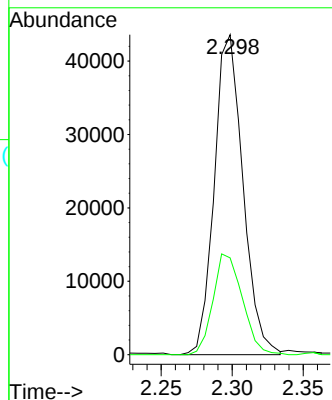
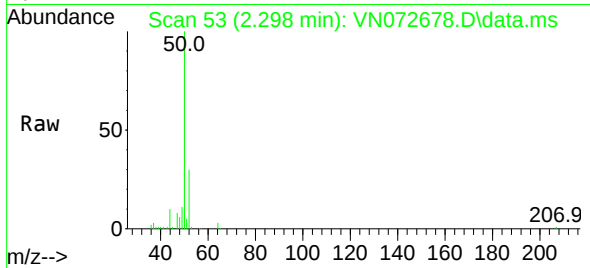




#3
Chloromethane
Concen: 19.487 ug/l
RT: 2.298 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

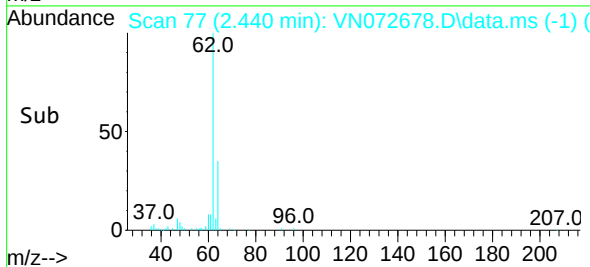
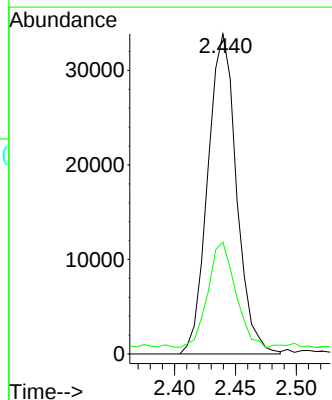
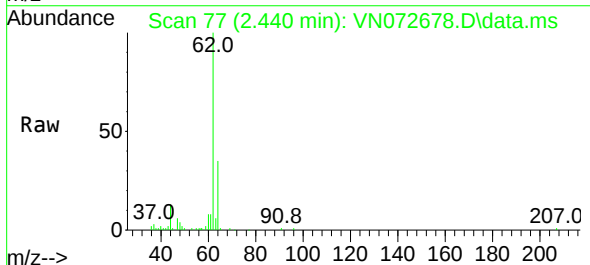
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 50 Resp: 61206
Ion Ratio Lower Upper
50 100
52 30.2 27.8 41.6



#4
Vinyl Chloride
Concen: 19.642 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 62 Resp: 55627
Ion Ratio Lower Upper
62 100
64 32.8 25.1 37.7

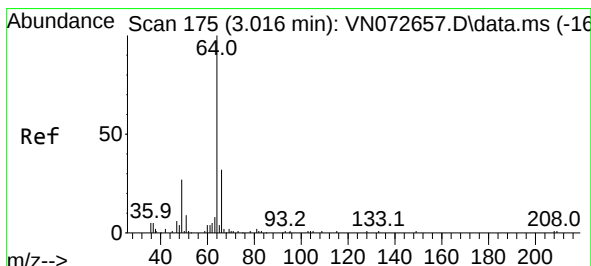
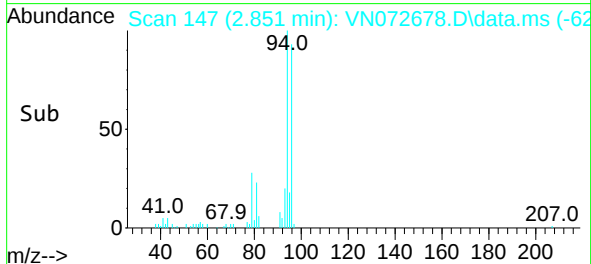
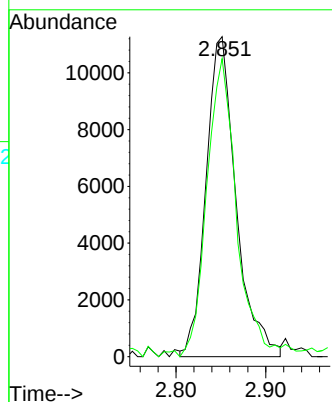
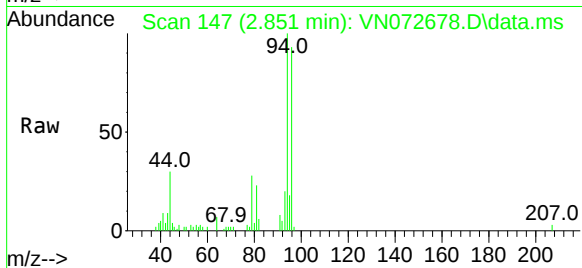




#5
Bromomethane
Concen: 17.941 ug/l
RT: 2.851 min Scan# 147
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

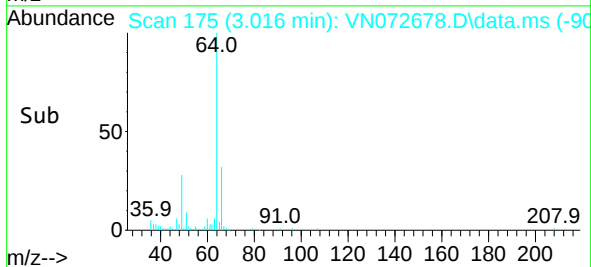
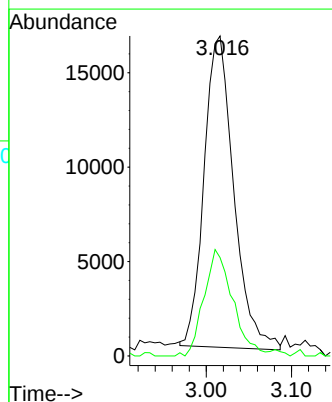
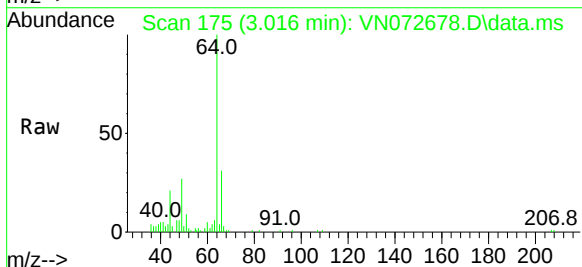
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ClientSampleId :
VSTDCCC020

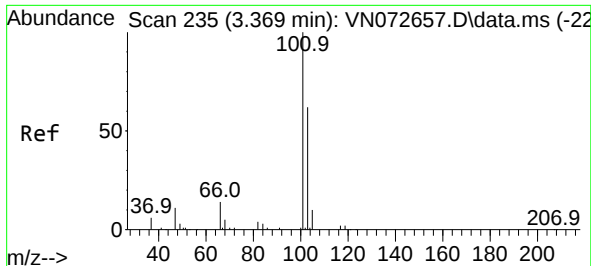
Tgt Ion: 94 Resp: 26274
Ion Ratio Lower Upper
94 100
96 94.8 75.2 112.8



#6
Chloroethane
Concen: 21.123 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 64 Resp: 39887
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8

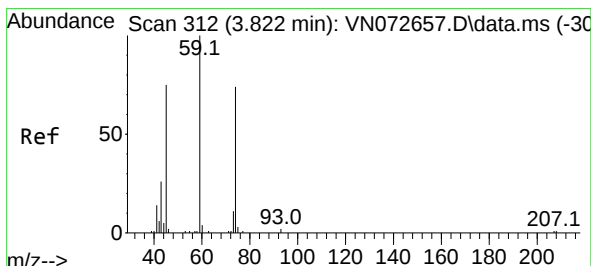
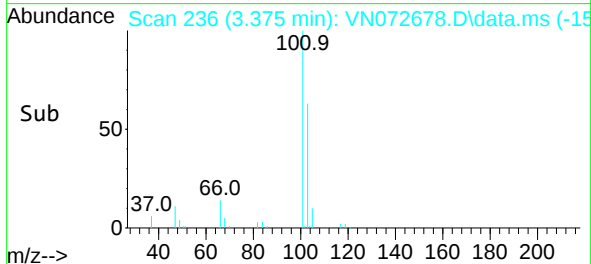
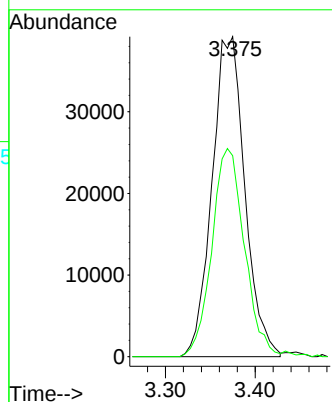
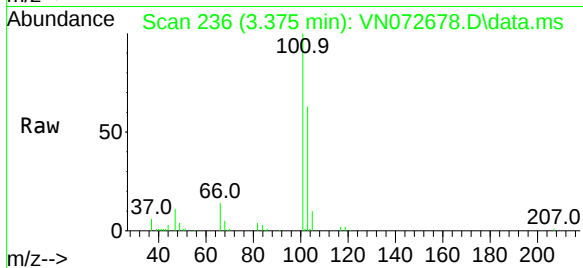




#7
 Trichlorofluoromethane
 Concen: 19.419 ug/l
 RT: 3.375 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

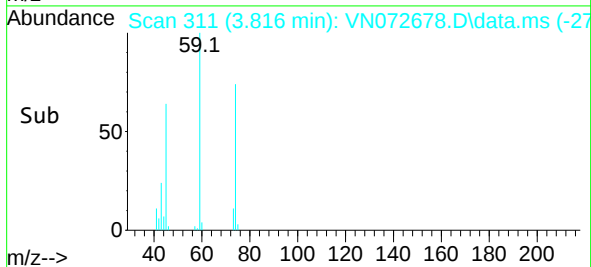
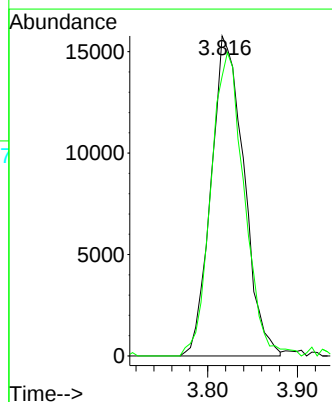
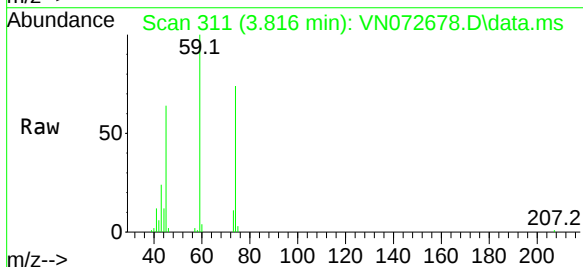
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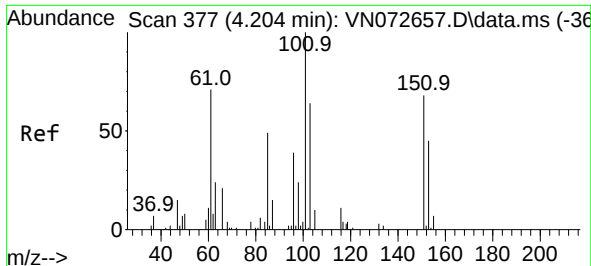
Tgt Ion:101 Resp: 99418
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.148 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

Tgt Ion: 74 Resp: 39992
 Ion Ratio Lower Upper
 74 100
 45 96.3 17.6 158.8

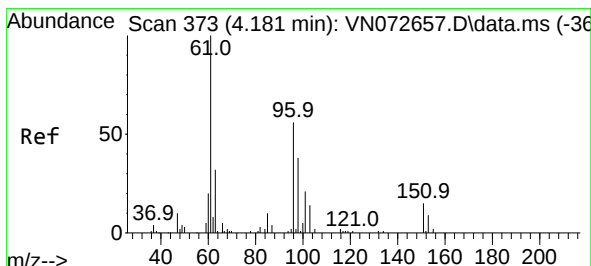
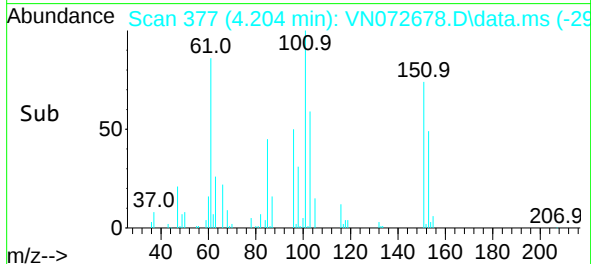
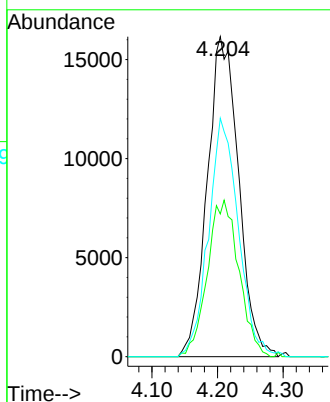
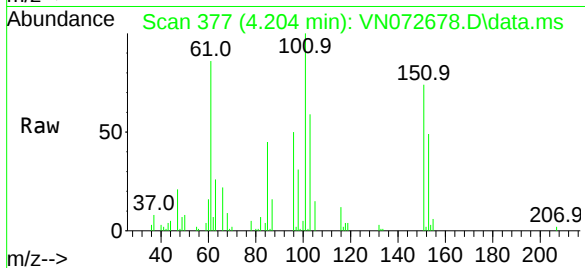




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.877 ug/l
 RT: 4.204 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

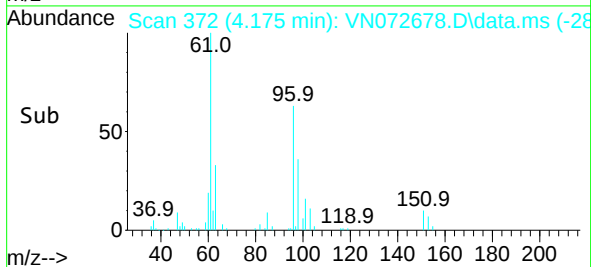
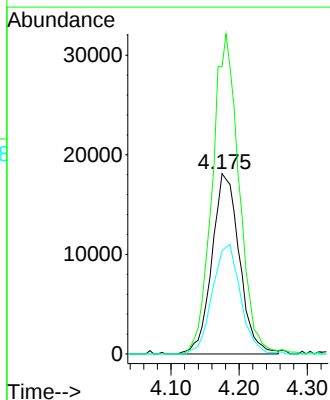
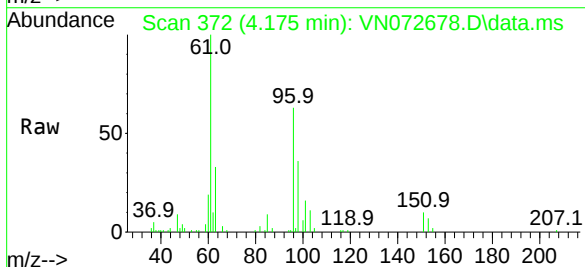
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

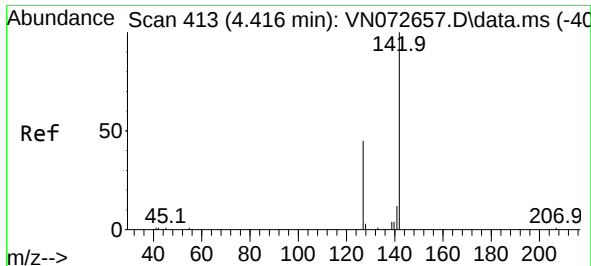
Tgt Ion:101 Resp: 53610
 Ion Ratio Lower Upper
 101 100
 85 49.1 0.0 94.0
 151 70.9 0.0 74.6



#10
 1,1-Dichloroethene
 Concen: 19.939 ug/l
 RT: 4.175 min Scan# 372
 Delta R.T. -0.006 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

Tgt Ion: 96 Resp: 50792
 Ion Ratio Lower Upper
 96 100
 61 159.1 126.2 189.4
 98 57.2 50.9 76.3

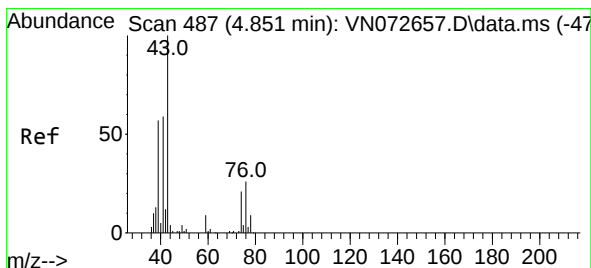
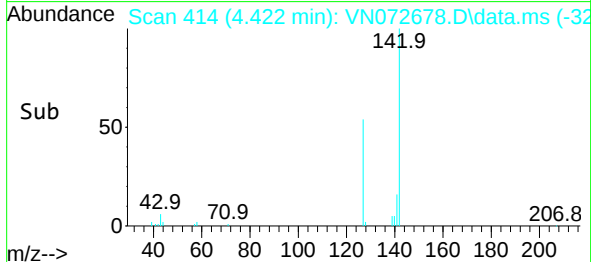
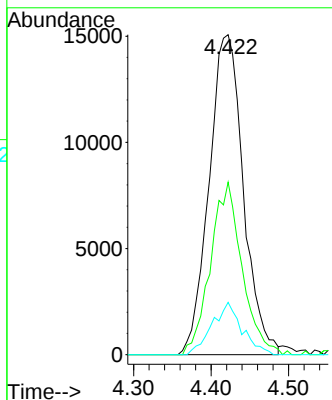
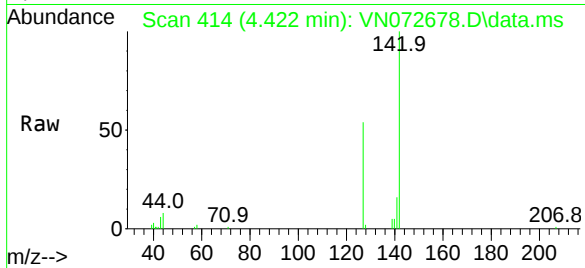




#11
Methyl Iodide
Concen: 18.183 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

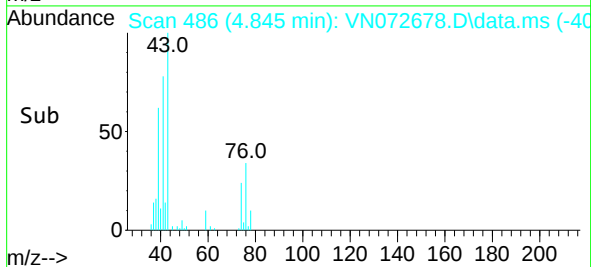
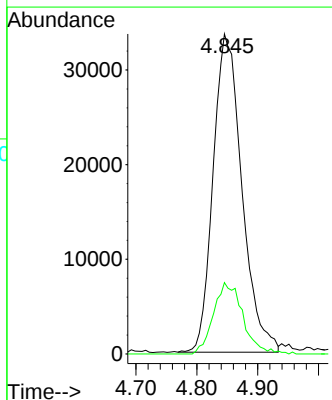
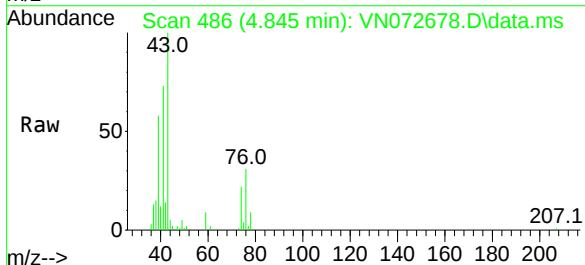
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:142 Resp: 46376
Ion Ratio Lower Upper
142 100
127 53.7 24.0 72.0
141 16.6 8.4 25.2



#12
Methyl Acetate
Concen: 21.013 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 43 Resp: 110441
Ion Ratio Lower Upper
43 100
74 22.2 20.8 31.2





#13

Acrolein

Concen: 73.928 ug/l

RT: 4.040 min Scan# 348

Delta R.T. 0.006 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

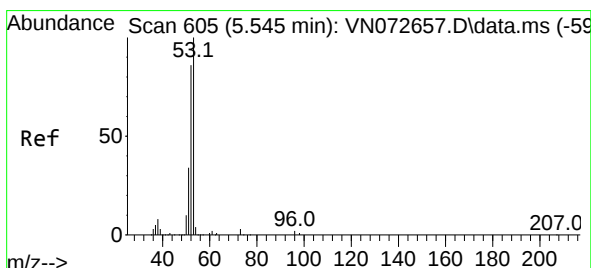
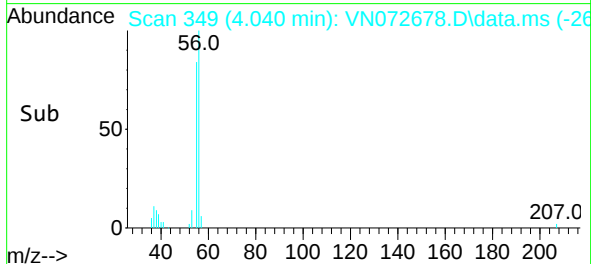
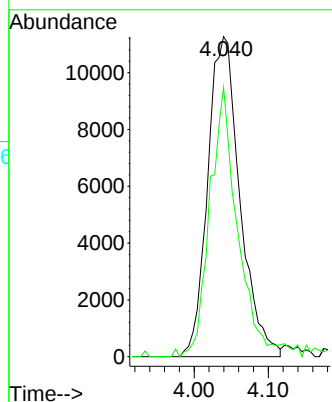
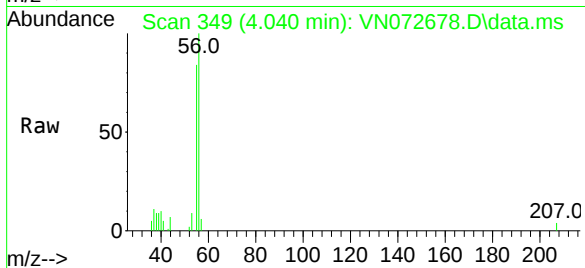
VSTDC020

Tgt Ion: 56 Resp: 34012

Ion Ratio Lower Upper

56 100

55 70.6 57.6 86.4



#14

Acrylonitrile

Concen: 100.066 ug/l

RT: 5.545 min Scan# 605

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

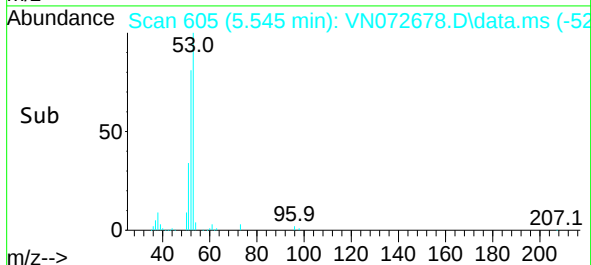
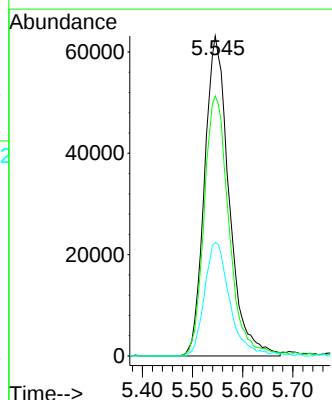
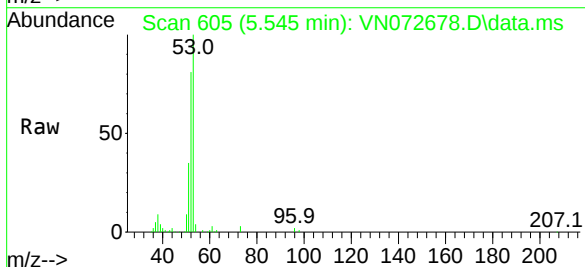
Tgt Ion: 53 Resp: 214378

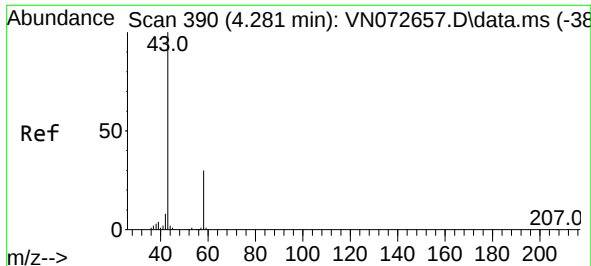
Ion Ratio Lower Upper

53 100

52 81.9 41.8 125.4

51 36.3 19.0 57.0

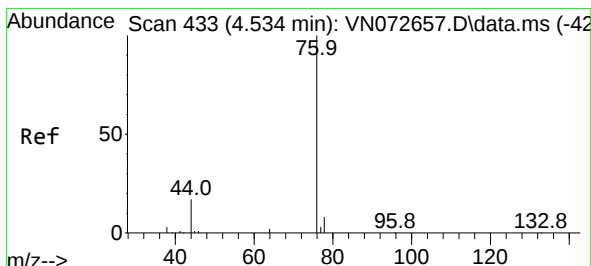
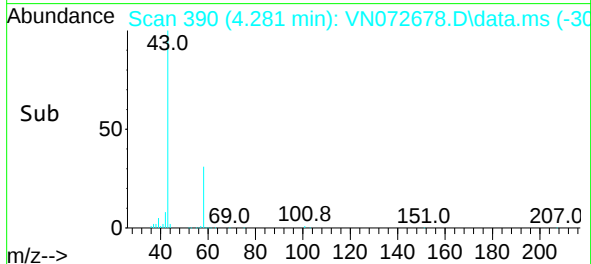
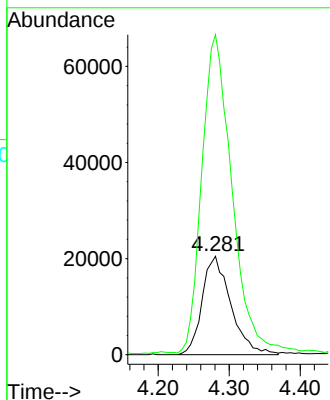
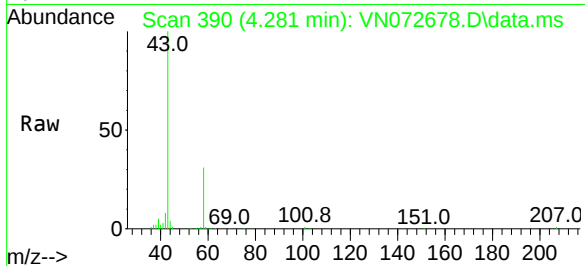




#15
Acetone
Concen: 99.374 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

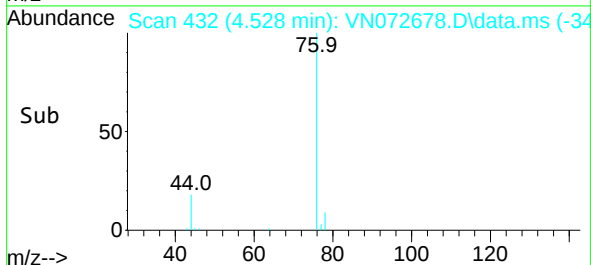
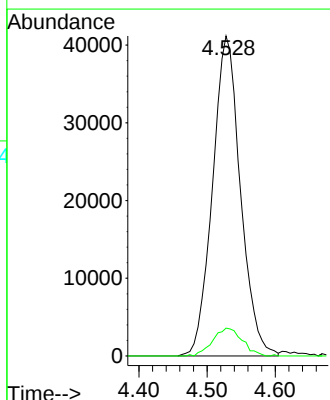
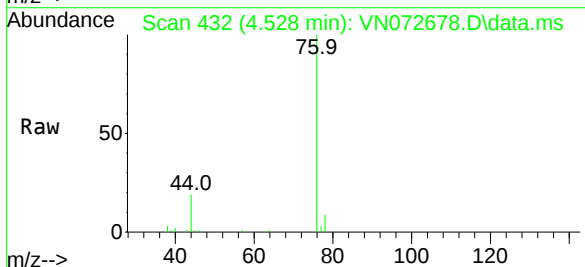
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

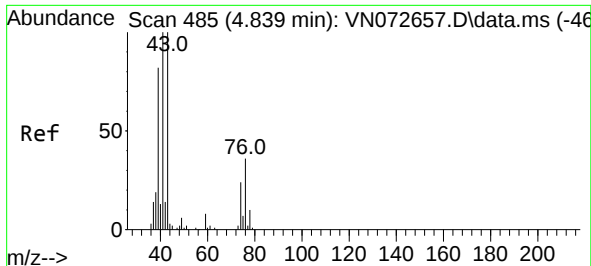
Tgt Ion: 58 Resp: 57642
Ion Ratio Lower Upper
58 100
43 323.5 256.6 384.8



#16
Carbon Disulfide
Concen: 18.262 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 76 Resp: 117276
Ion Ratio Lower Upper
76 100
78 8.7 7.8 11.8





#17

Allyl chloride

Concen: 18.836 ug/l

RT: 4.839 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

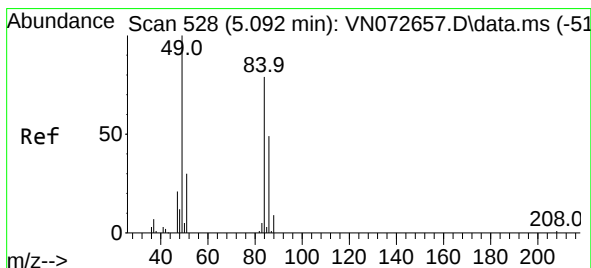
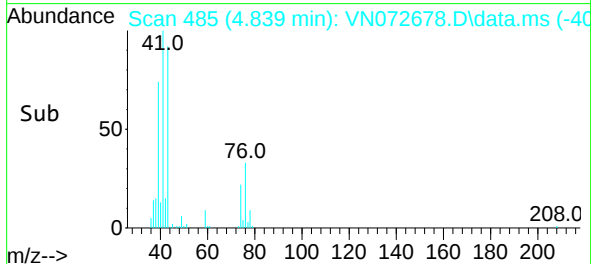
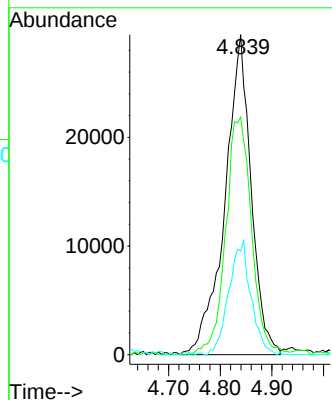
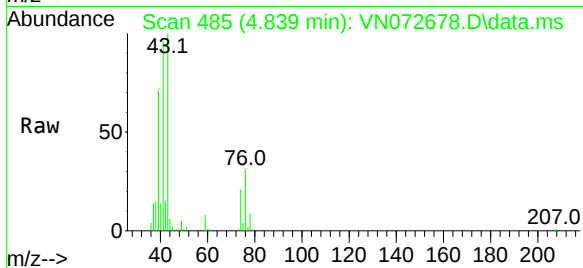
Tgt Ion: 41 Resp: 103654

Ion Ratio Lower Upper

41 100

39 74.3 44.6 134.0

76 32.4 19.6 58.7



#18

Methylene Chloride

Concen: 10.936 ug/l

RT: 5.081 min Scan# 526

Delta R.T. -0.012 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Tgt Ion: 84 Resp: 34980

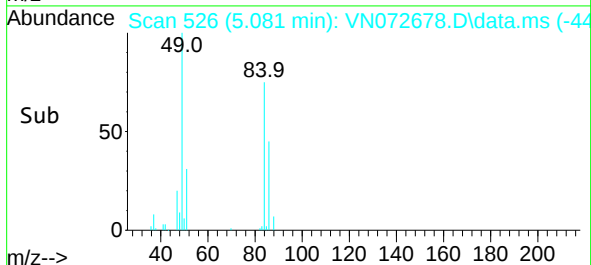
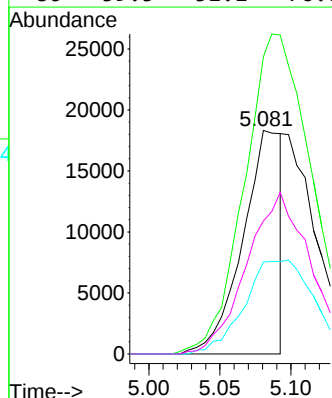
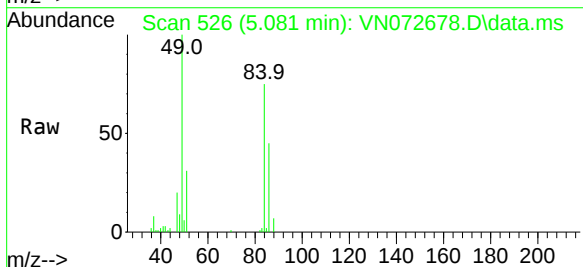
Ion Ratio Lower Upper

84 100

49 132.0 91.4 137.0

51 41.1 29.4 44.0

86 59.5 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 19.680 ug/l

RT: 5.592 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

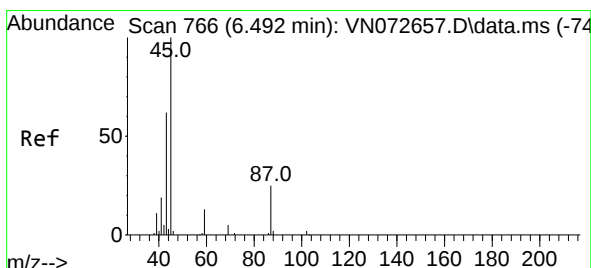
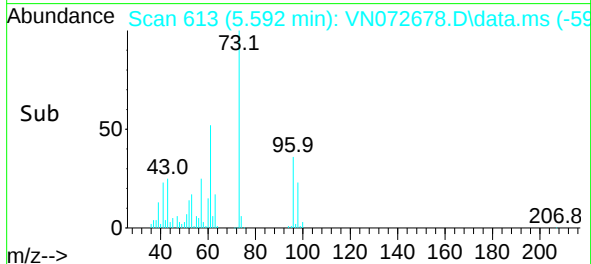
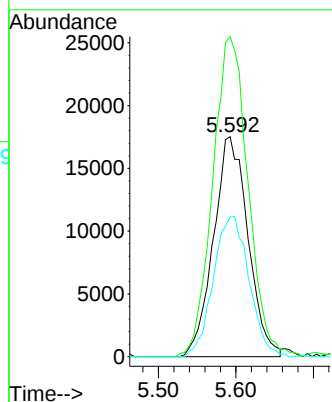
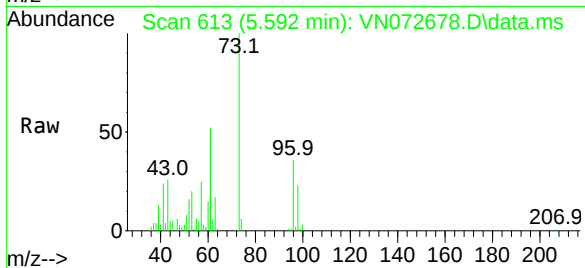
Tgt Ion: 96 Resp: 54251

Ion Ratio Lower Upper

96 100

61 144.1 102.8 154.2

98 63.5 49.3 73.9



#20

Diisopropyl ether

Concen: 20.962 ug/l

RT: 6.486 min Scan# 765

Delta R.T. -0.006 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Tgt Ion: 45 Resp: 228453

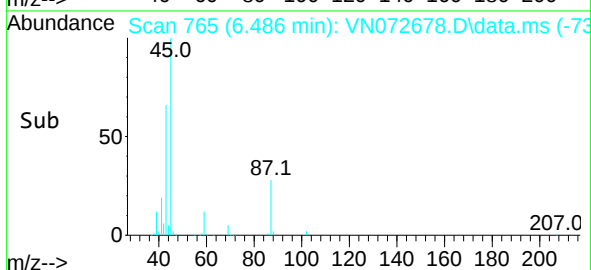
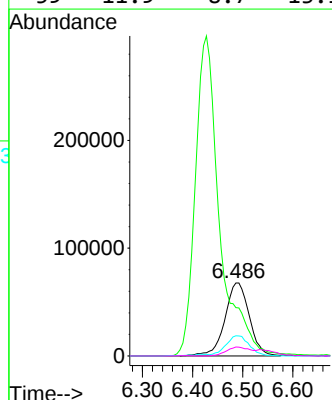
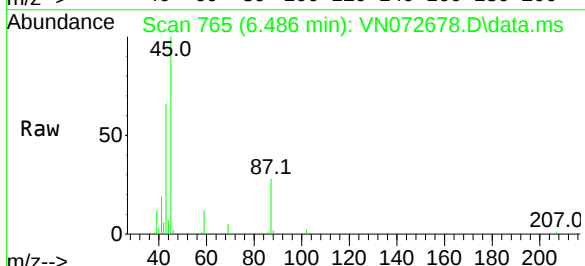
Ion Ratio Lower Upper

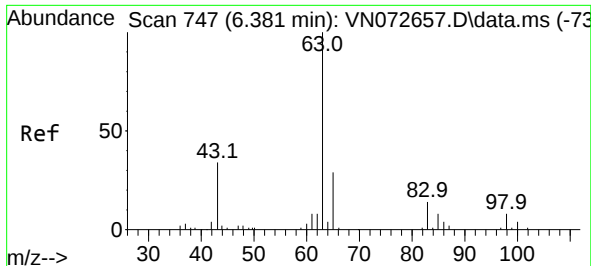
45 100

43 62.9 51.0 76.4

87 27.7 25.0 37.4

59 11.9 8.7 13.1

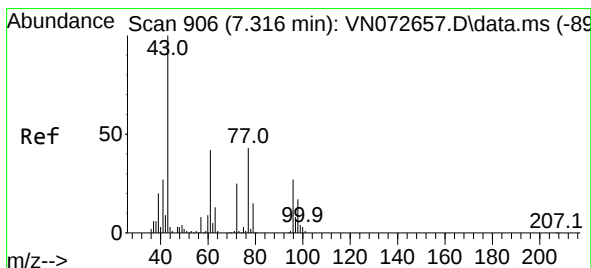
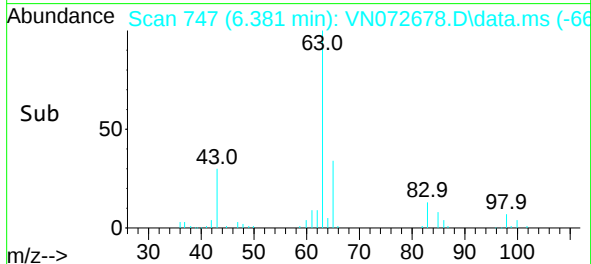
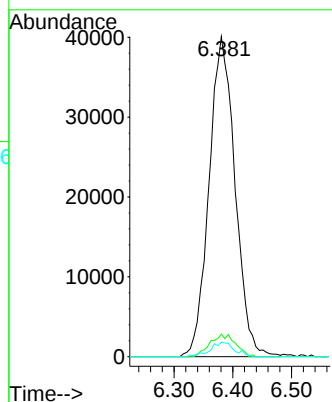
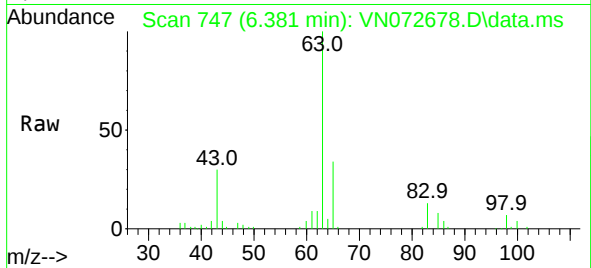




#21
1,1-Dichloroethane
Concen: 20.354 ug/l
RT: 6.381 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

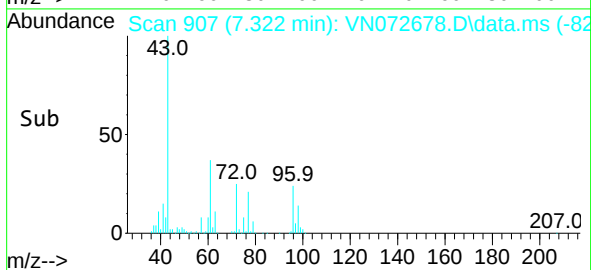
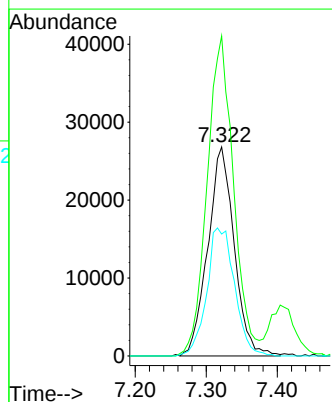
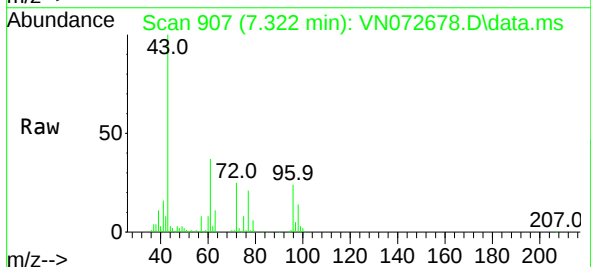
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

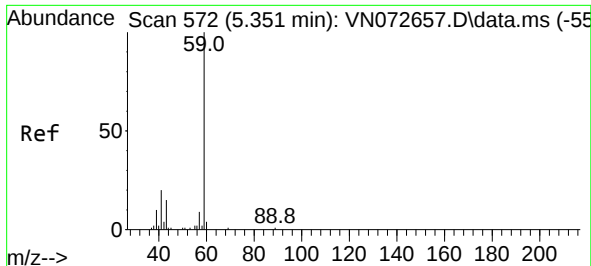
Tgt Ion: 63 Resp: 123245
Ion Ratio Lower Upper
63 100
98 7.1 3.2 9.6
100 4.5 2.1 6.2



#22
cis-1,2-Dichloroethene
Concen: 20.062 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 96 Resp: 69274
Ion Ratio Lower Upper
96 100
61 153.1 115.7 173.5
98 37.6 51.6 77.4#

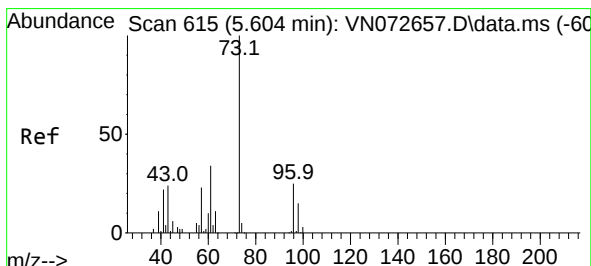
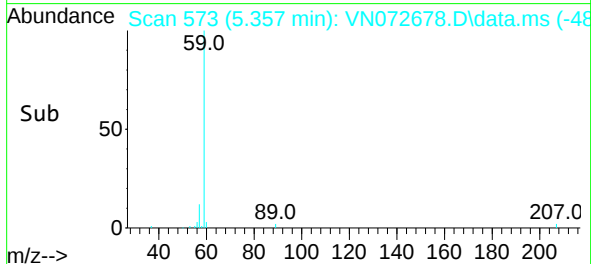
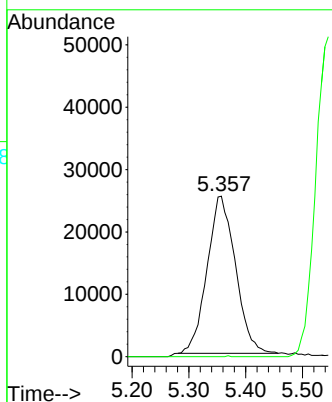
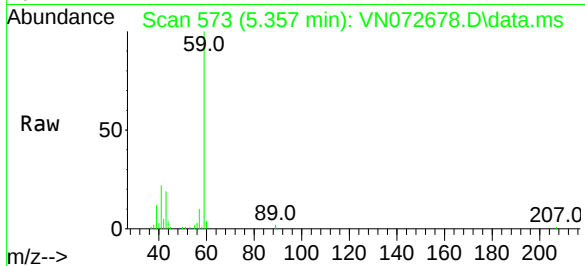




#23
tert-Butyl Alcohol
Concen: 87.744 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

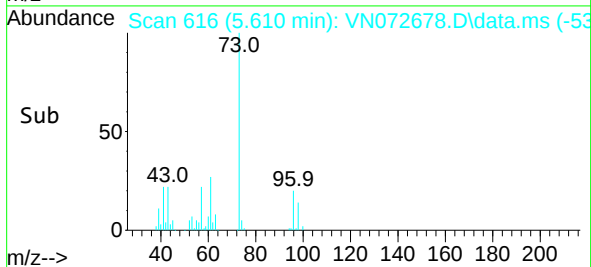
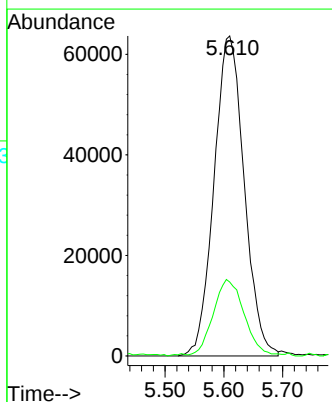
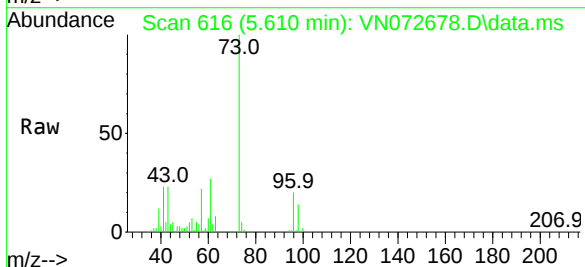
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

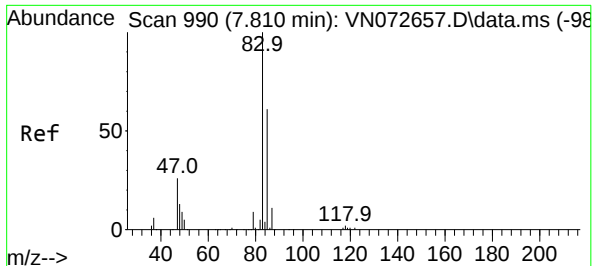
Tgt Ion: 59 Resp: 87478
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 20.033 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 73 Resp: 226954
Ion Ratio Lower Upper
73 100
43 23.6 18.1 27.1

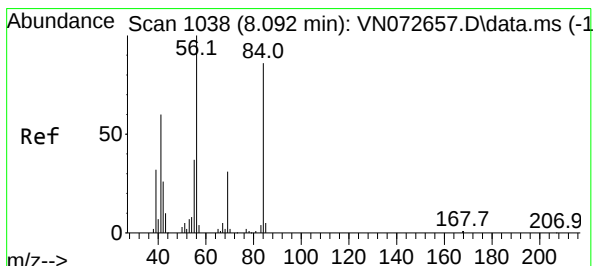
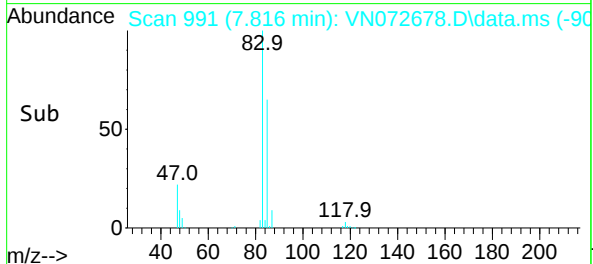
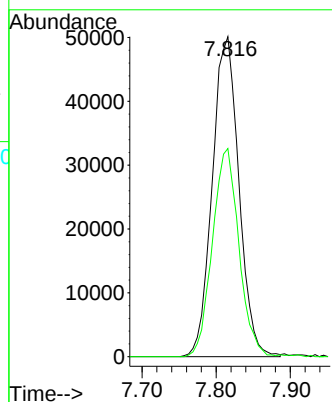
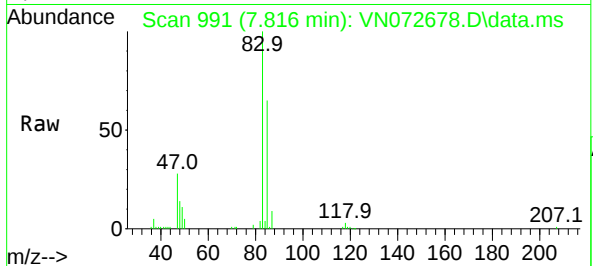




#25
Chloroform
Concen: 20.103 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

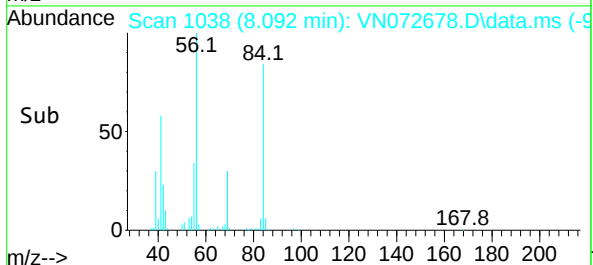
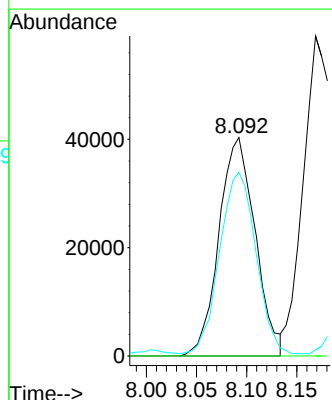
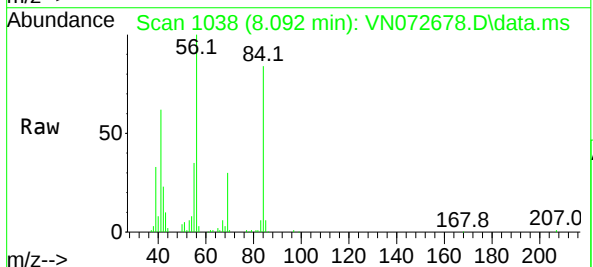
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

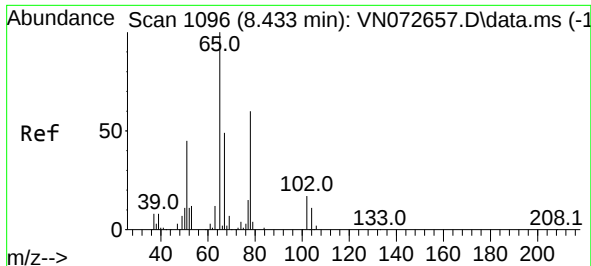
Tgt Ion: 83 Resp: 125042
Ion Ratio Lower Upper
83 100
85 65.1 51.3 76.9



#26
Cyclohexane
Concen: 20.083 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 56 Resp: 101387
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 85.6 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.989 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

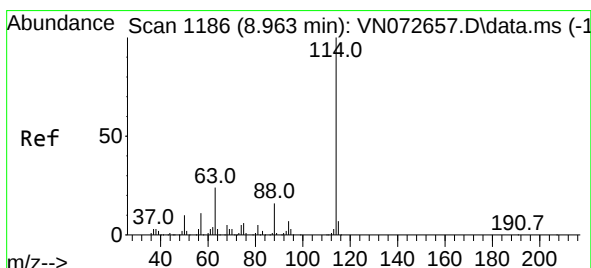
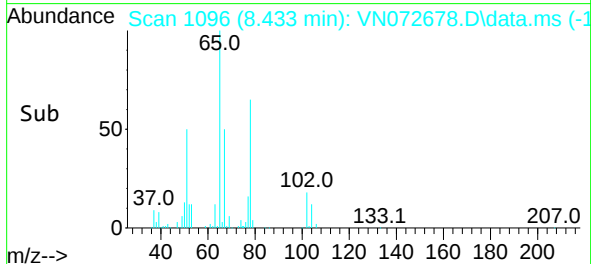
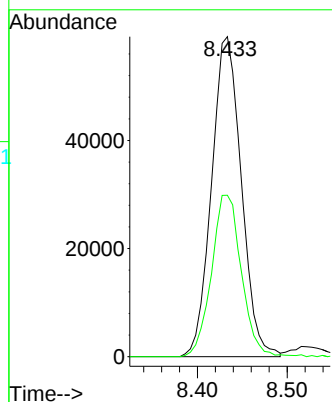
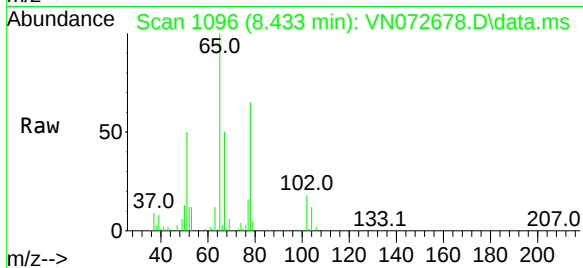
VSTDCCC020

Tgt Ion: 65 Resp: 136266

Ion Ratio Lower Upper

65 100

67 50.3 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: VN072678.D

Acq: 07 Jun 2022 10:36

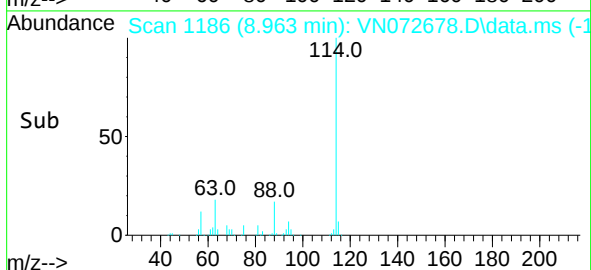
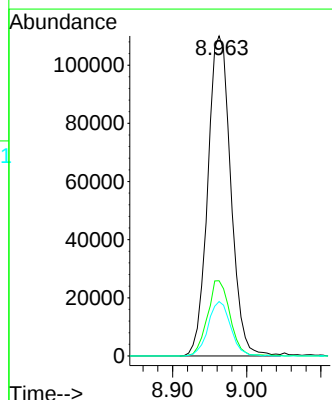
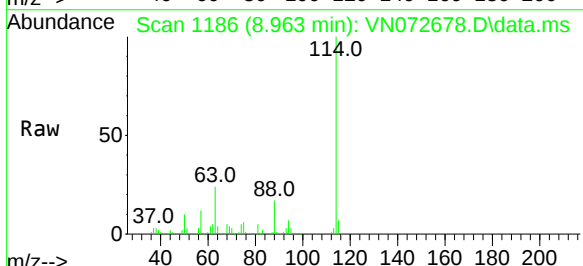
Tgt Ion: 114 Resp: 237398

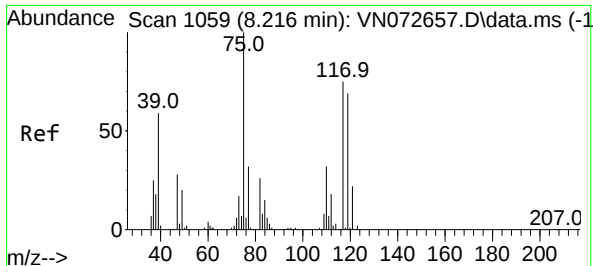
Ion Ratio Lower Upper

114 100

63 22.9 15.8 23.6

88 16.5 11.6 17.4





#29

1,1-Dichloropropene

Concen: 18.668 ug/l

RT: 8.216 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

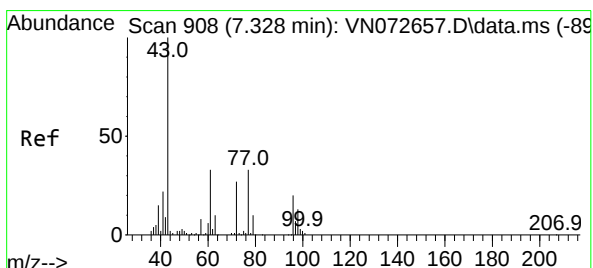
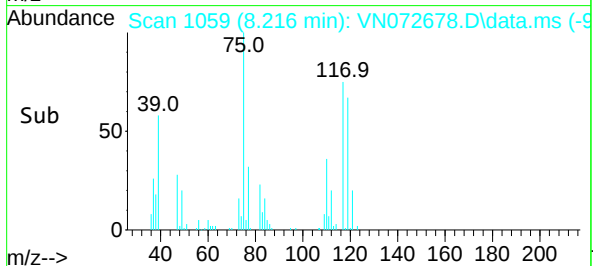
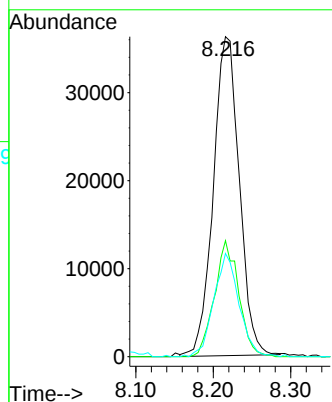
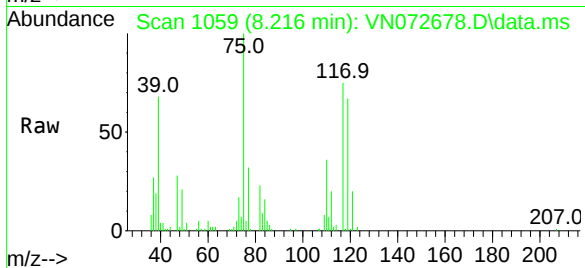
Tgt Ion: 75 Resp: 84480

Ion Ratio Lower Upper

75 100

110 34.0 0.0 74.2

77 31.3 0.0 63.2



#30

2-Butanone

Concen: 93.757 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

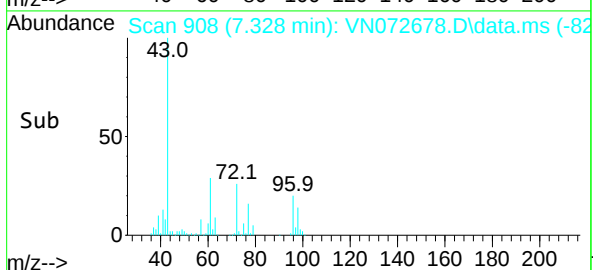
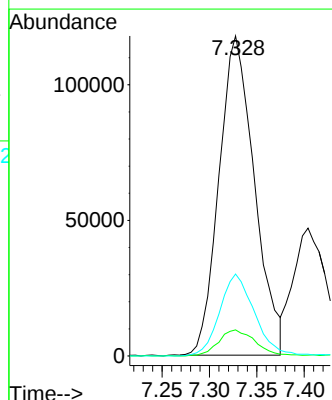
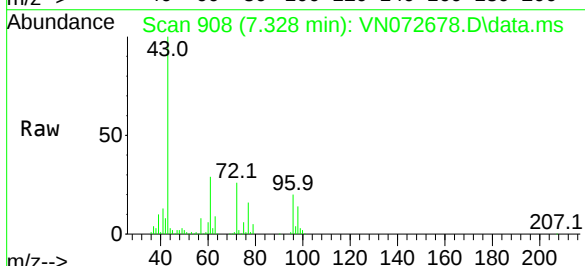
Tgt Ion: 43 Resp: 307055

Ion Ratio Lower Upper

43 100

57 8.5 6.7 10.1

72 25.1 23.2 34.8

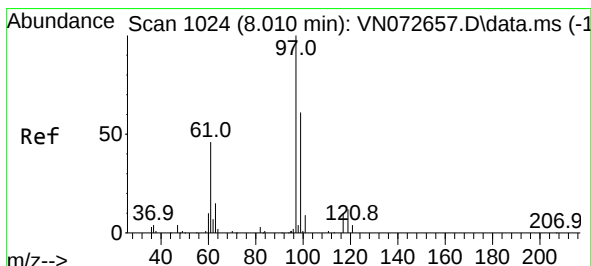
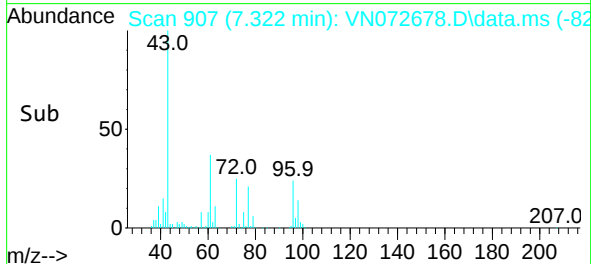
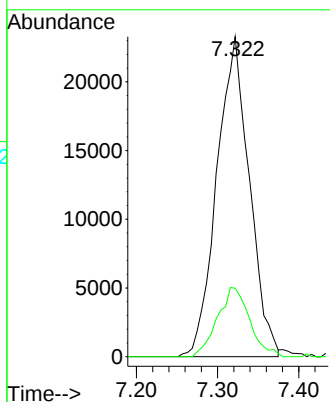
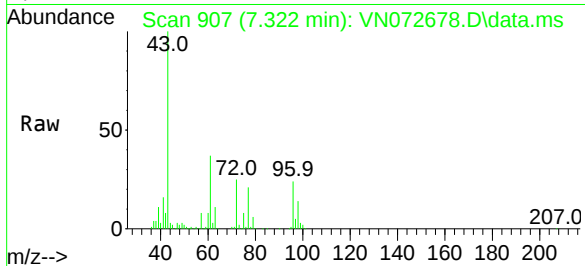




#31
2,2-Dichloropropane
Concen: 10.585 ug/l
RT: 7.322 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

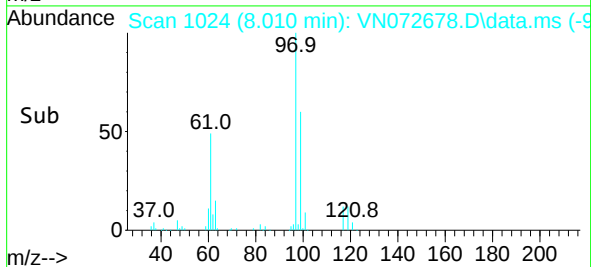
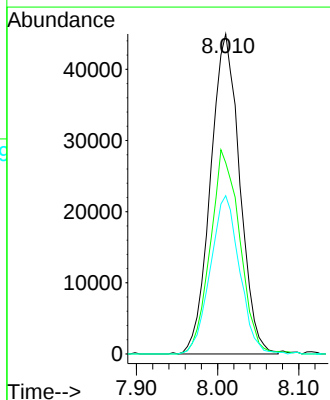
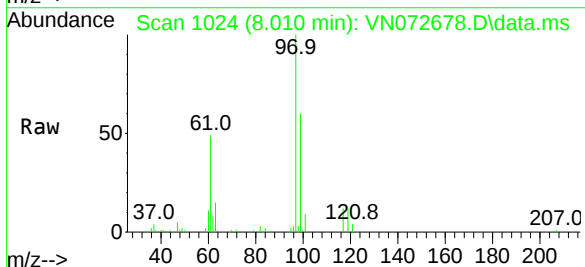
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

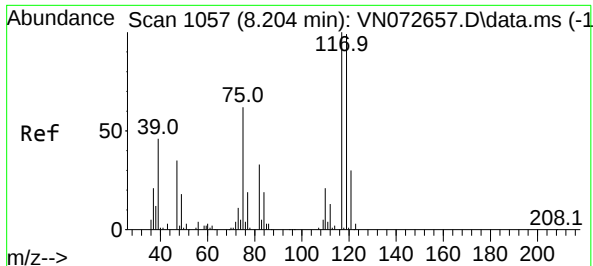
Tgt Ion: 77 Resp: 64837
Ion Ratio Lower Upper
77 100
97 21.3 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 18.976 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 97 Resp: 112359
Ion Ratio Lower Upper
97 100
99 64.5 50.4 75.6
61 49.5 34.6 51.8

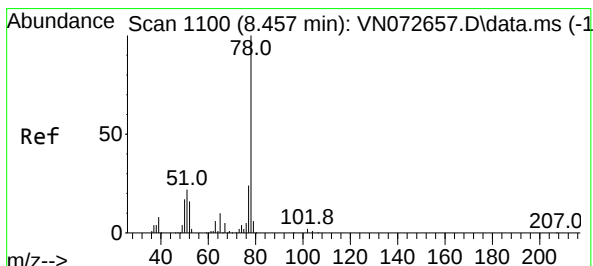
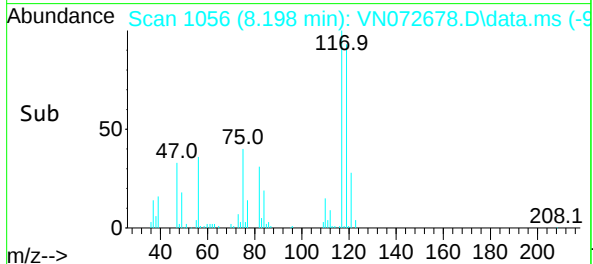
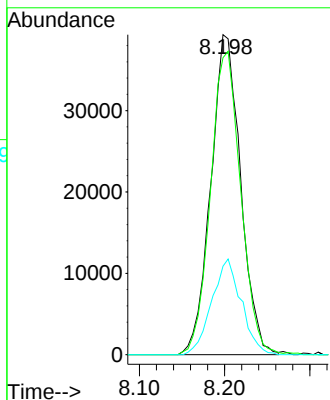
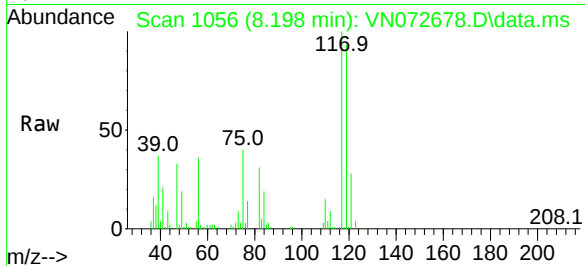




#33
Carbon Tetrachloride
Concen: 18.715 ug/l
RT: 8.198 min Scan# 11056
Delta R.T. -0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

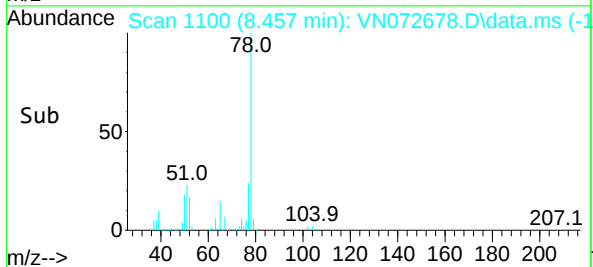
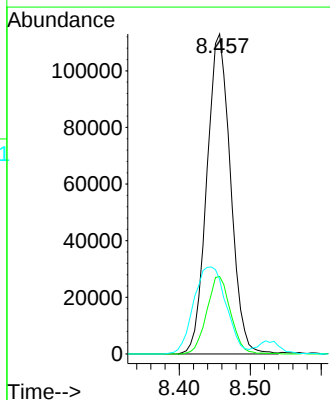
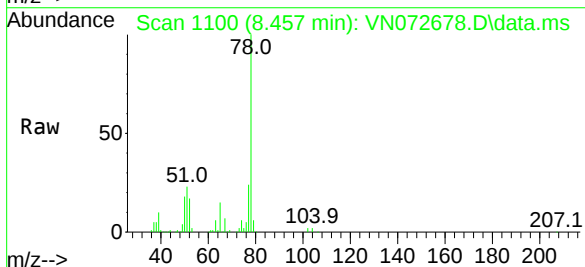
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:117 Resp: 95563
Ion Ratio Lower Upper
117 100
119 92.8 77.5 116.3
121 27.7 23.5 35.3



#34
Benzene
Concen: 19.507 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 78 Resp: 261166
Ion Ratio Lower Upper
78 100
77 24.2 19.1 28.7
51 21.9 16.0 24.0

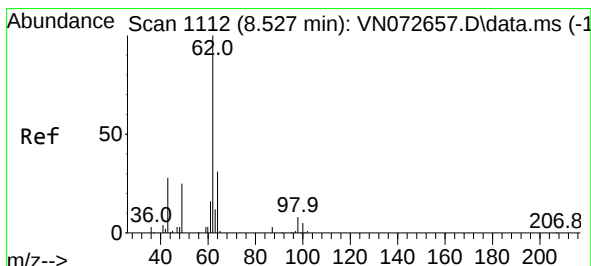
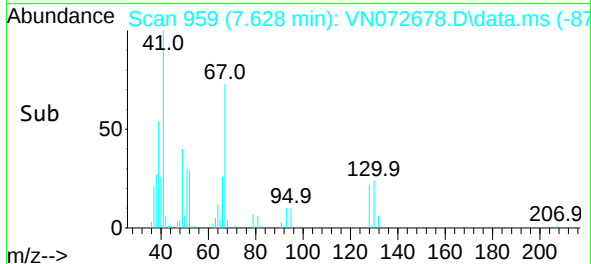
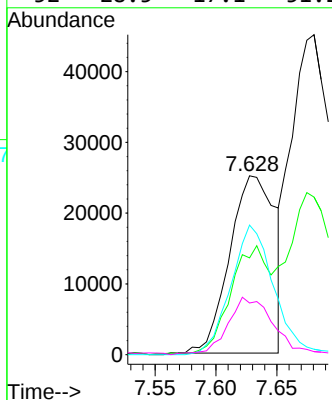
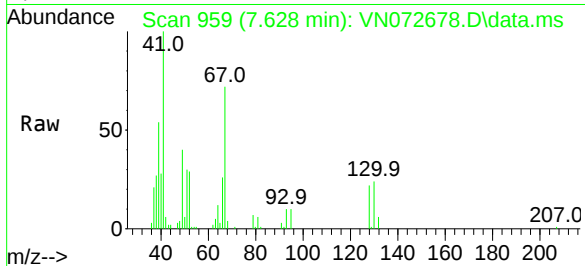




#35
Methacrylonitrile
Concen: 20.157 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

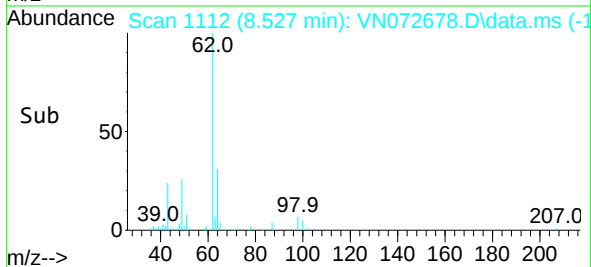
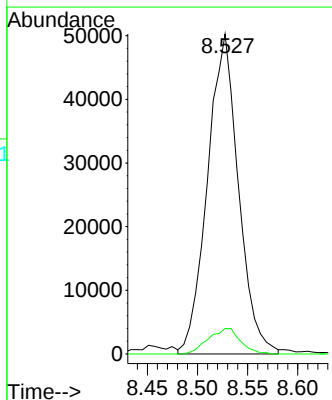
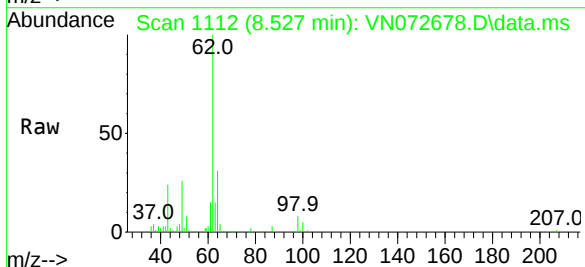
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

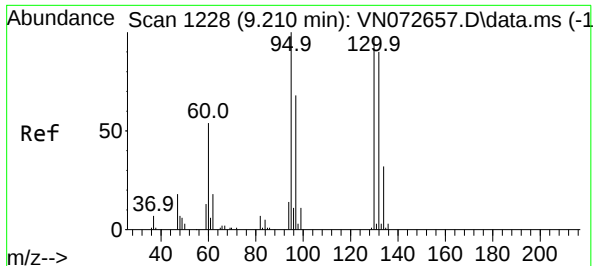
Tgt Ion:	41	Resp:	64730
Ion	Ratio	Lower	Upper
41	100		
39	53.8	28.0	83.9
67	73.1	37.7	113.1
52	28.5	17.1	51.2



#36
1,2-Dichloroethane
Concen: 19.119 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion:	62	Resp:	108143
Ion	Ratio	Lower	Upper
62	100		
98	8.3	6.6	10.0





#37

Trichloroethene

Concen: 19.348 ug/l

RT: 9.210 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

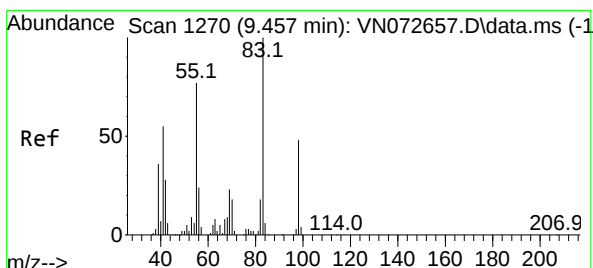
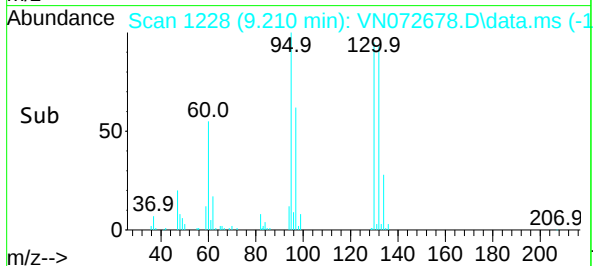
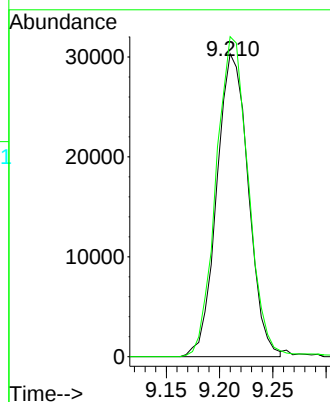
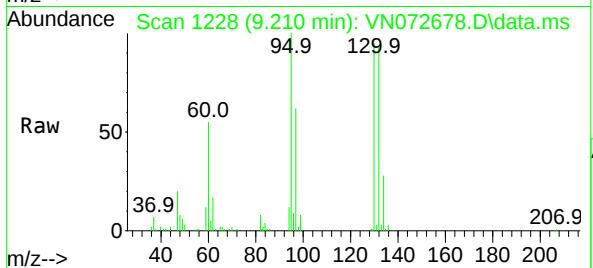
VSTDCCC020

Tgt Ion:130 Resp: 62446

Ion Ratio Lower Upper

130 100

95 105.7 76.6 115.0



#38

Methylcyclohexane

Concen: 18.983 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

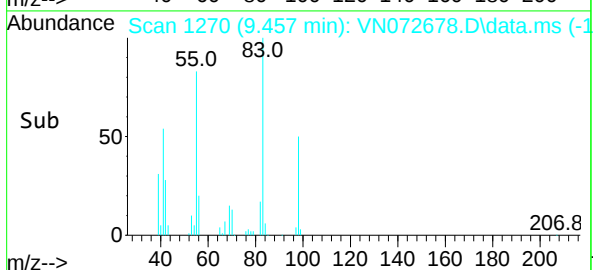
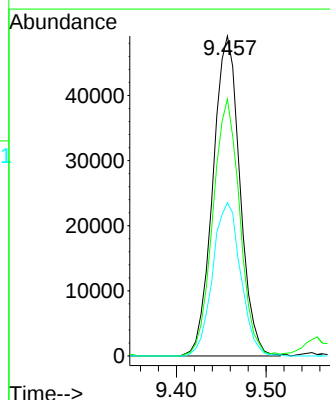
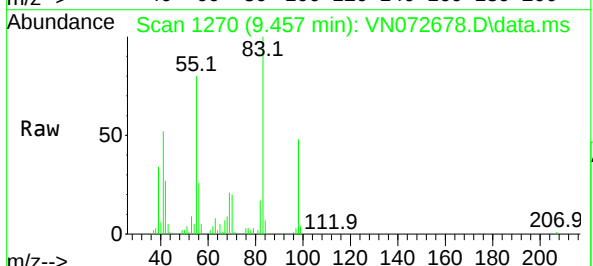
Tgt Ion: 83 Resp: 102553

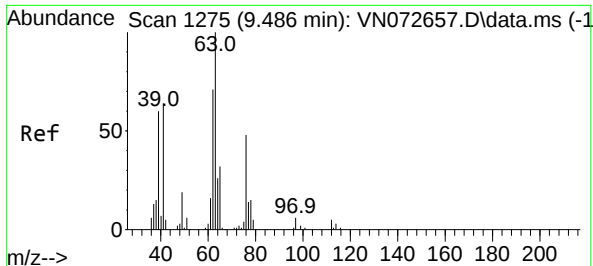
Ion Ratio Lower Upper

83 100

55 79.5 35.1 105.3

98 49.5 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.390 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

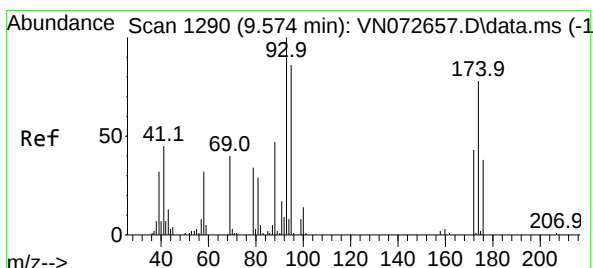
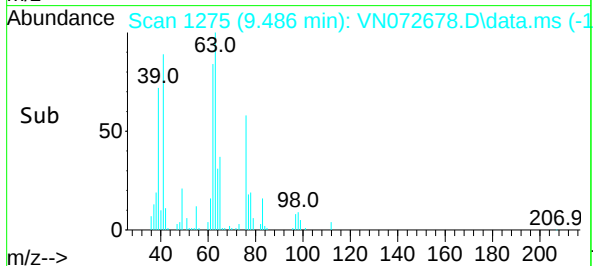
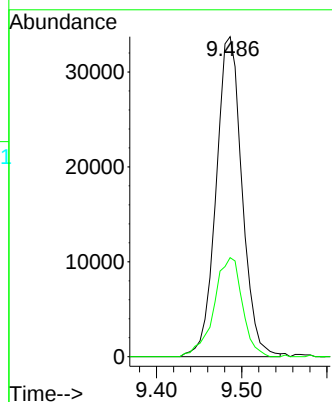
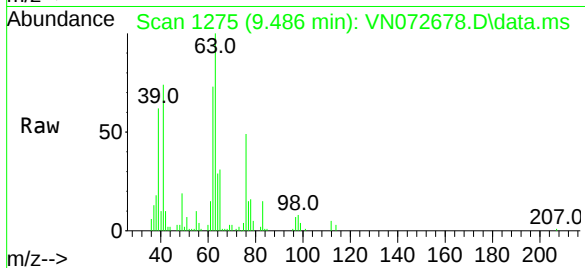
VSTDCCC020

Tgt Ion: 63 Resp: 71318

Ion Ratio Lower Upper

63 100

65 30.9 24.2 36.4



#40

Dibromomethane

Concen: 19.614 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

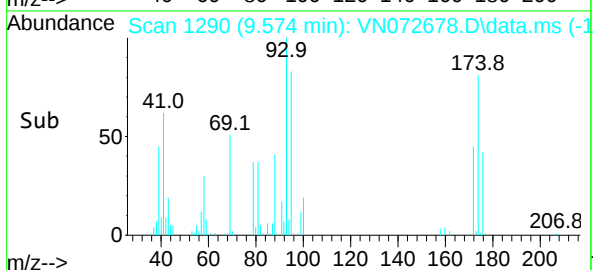
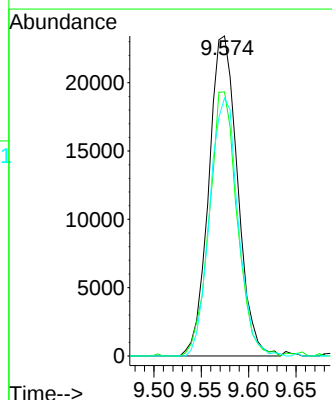
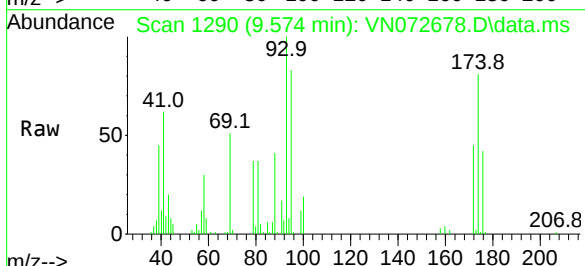
Tgt Ion: 93 Resp: 49524

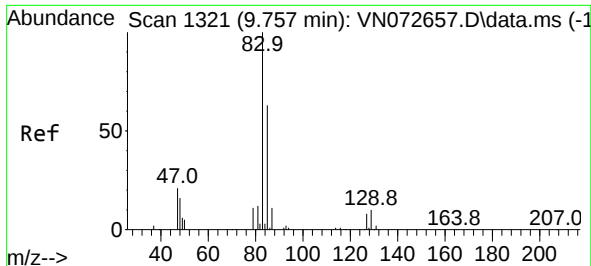
Ion Ratio Lower Upper

93 100

95 79.7 0.0 168.8

174 79.3 0.0 173.6

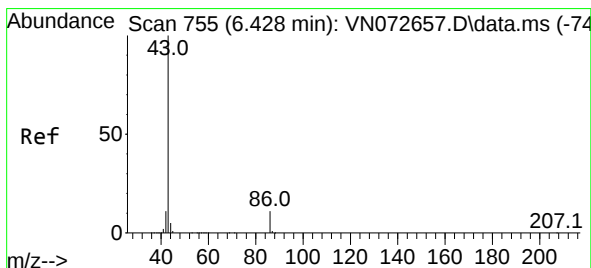
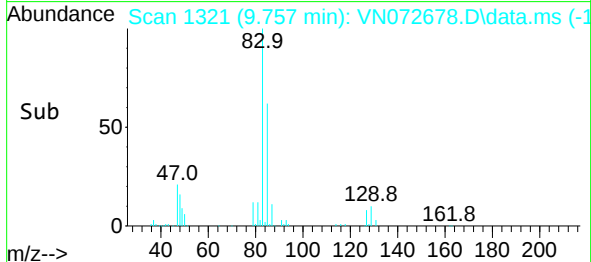
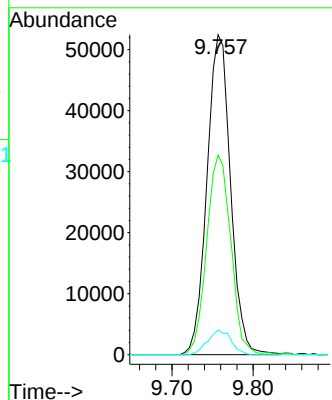
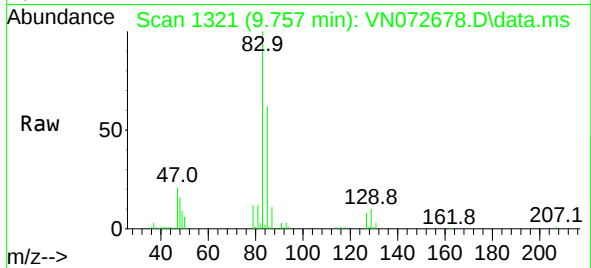




#41
Bromodichloromethane
Concen: 19.596 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

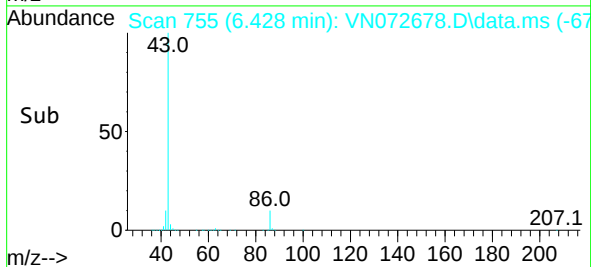
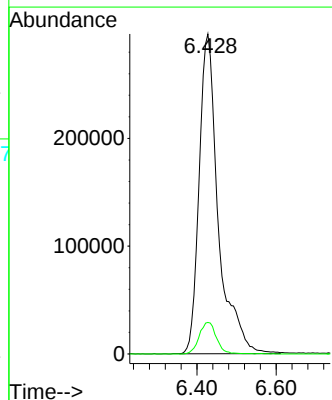
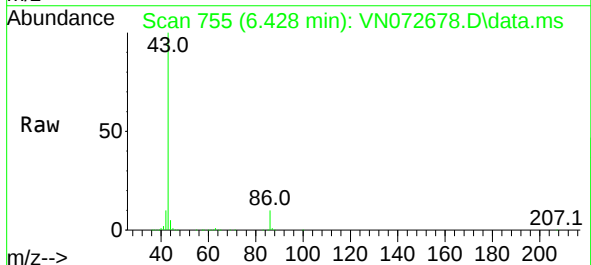
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

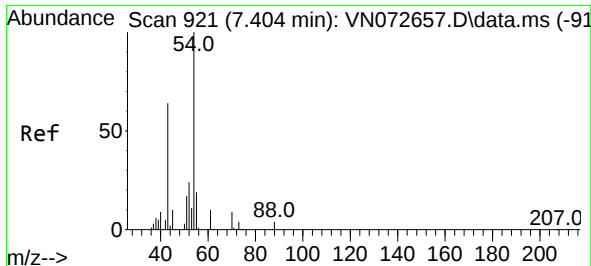
Tgt Ion: 83 Resp: 105840
Ion Ratio Lower Upper
83 100
85 62.4 54.1 81.1
127 7.7 7.6 11.4



#42
Vinyl Acetate
Concen: 93.461 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 43 Resp: 996488
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3

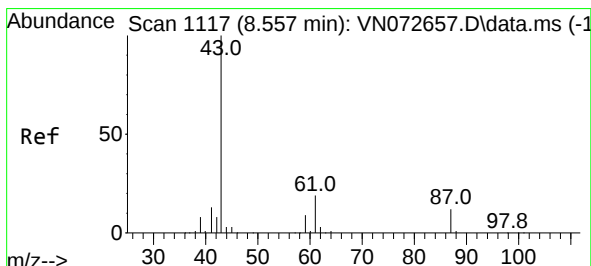
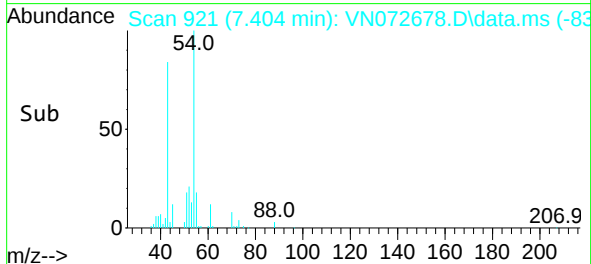
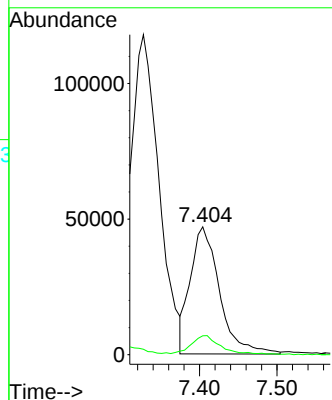
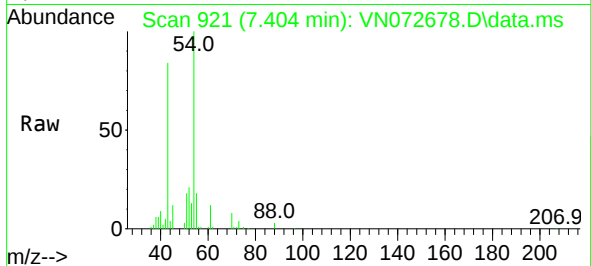




#43
Ethyl Acetate
Concen: 19.593 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

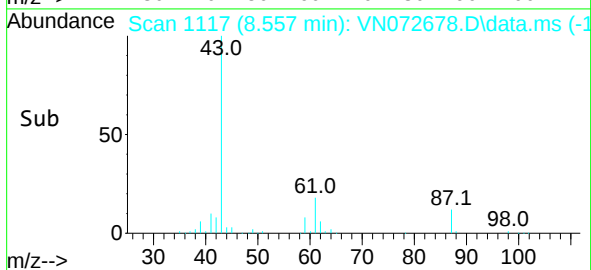
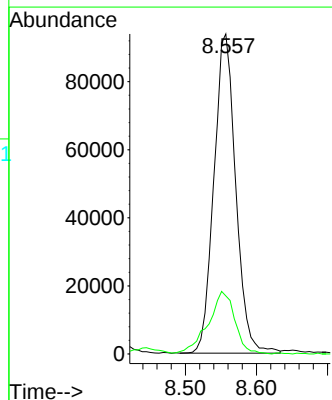
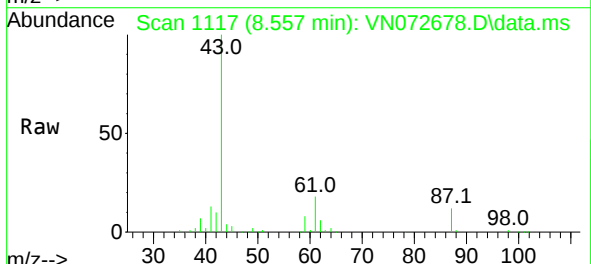
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

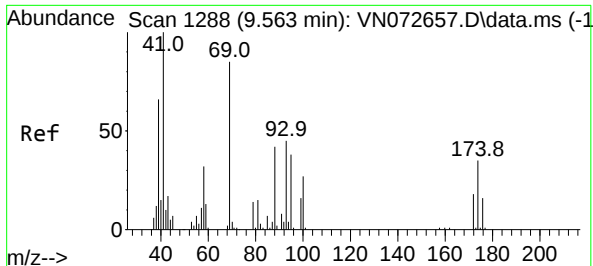
Tgt Ion: 43 Resp: 122944
Ion Ratio Lower Upper
43 100
45 14.5 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.179 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 43 Resp: 199624
Ion Ratio Lower Upper
43 100
61 24.2 20.1 30.1





#45

1,4-Dioxane

Concen: 344.974 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

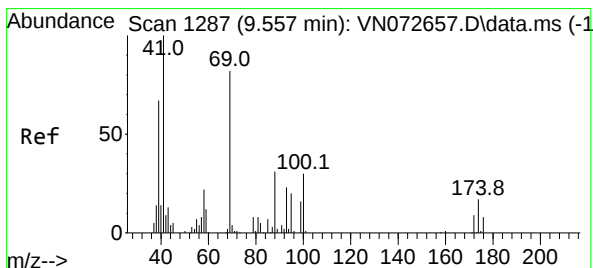
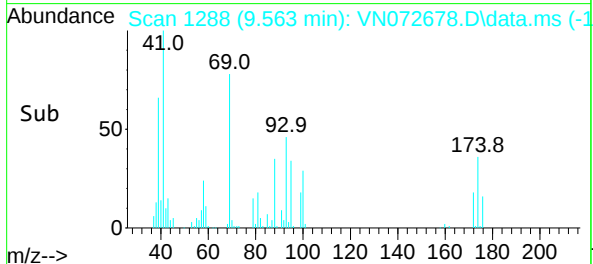
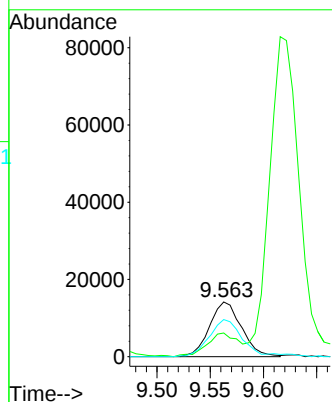
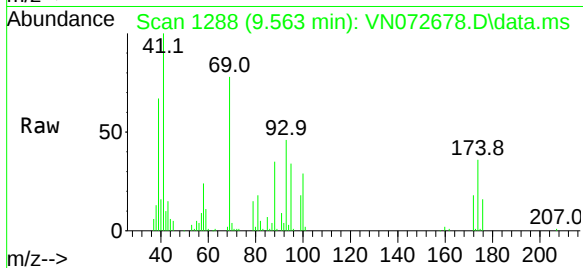
Tgt Ion: 88 Resp: 29507

Ion Ratio Lower Upper

88 100

43 34.2 25.0 37.6

58 67.7 49.4 74.2



#46

Methyl methacrylate

Concen: 17.871 ug/l

RT: 9.557 min Scan# 1287

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

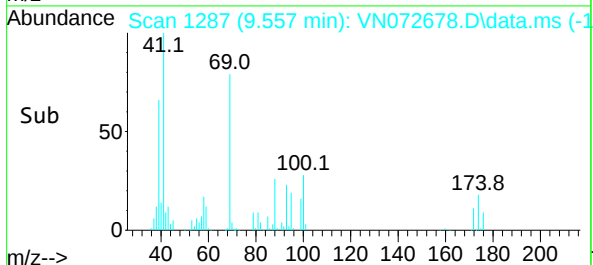
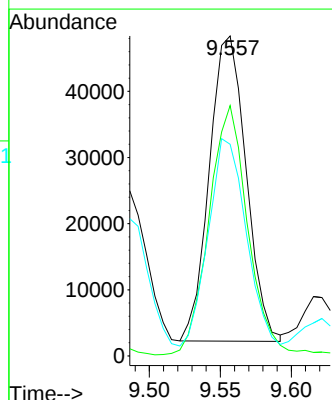
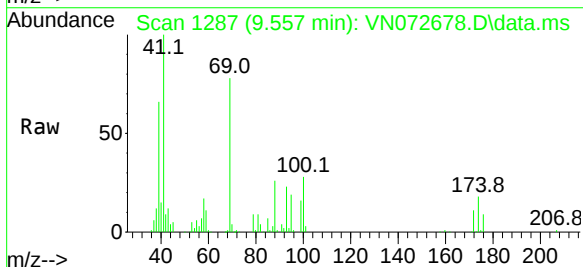
Tgt Ion: 41 Resp: 83173

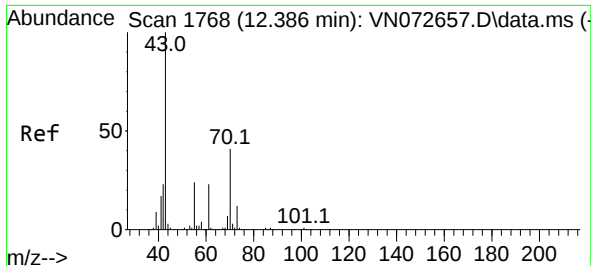
Ion Ratio Lower Upper

41 100

69 80.2 44.4 133.2

39 66.2 39.9 119.6

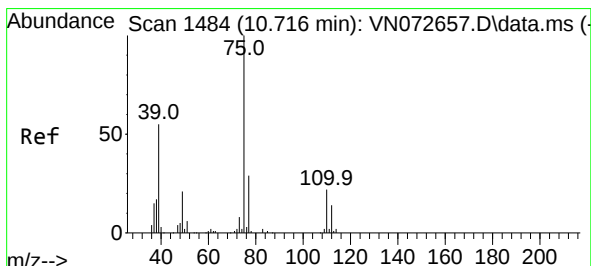
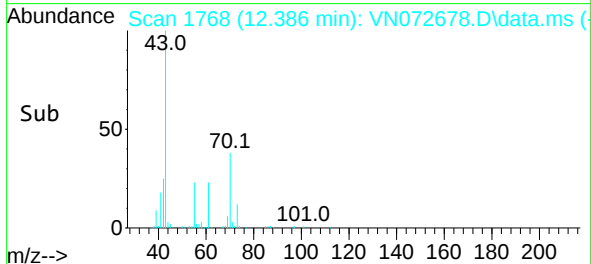
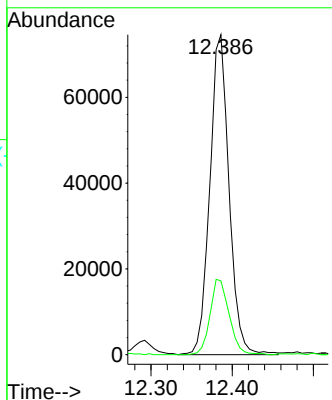
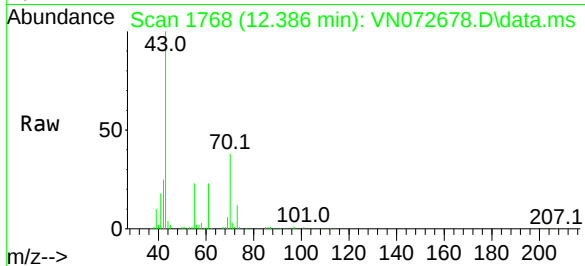




#47
n-amy1 Acetate
Concen: 15.408 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

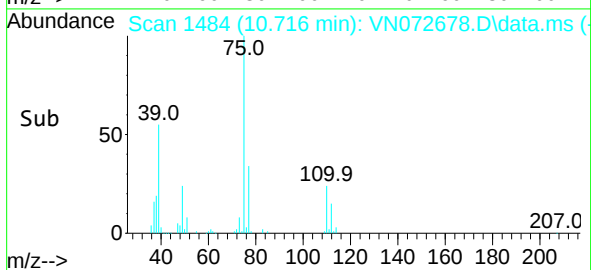
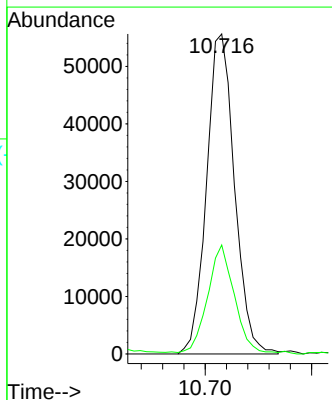
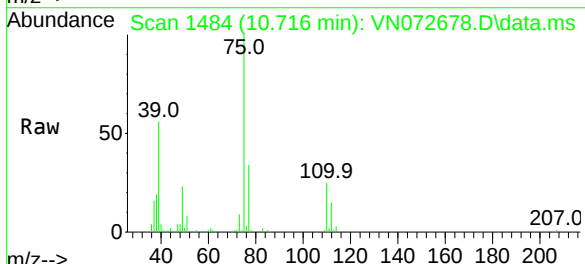
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

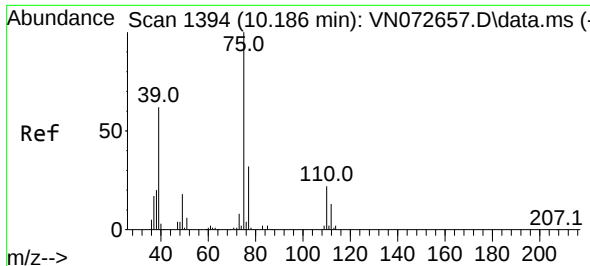
Tgt Ion: 43 Resp: 122783
Ion Ratio Lower Upper
43 100
55 23.4 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 16.439 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 75 Resp: 101342
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9

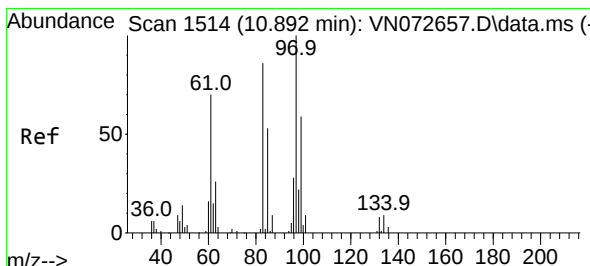
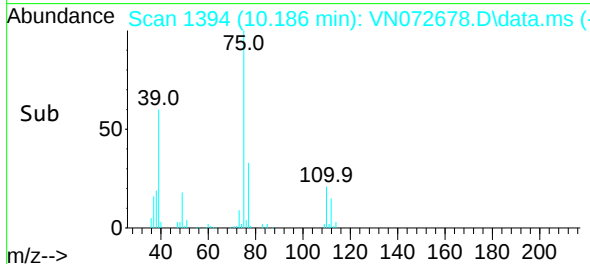
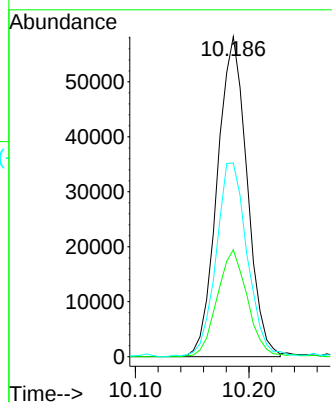
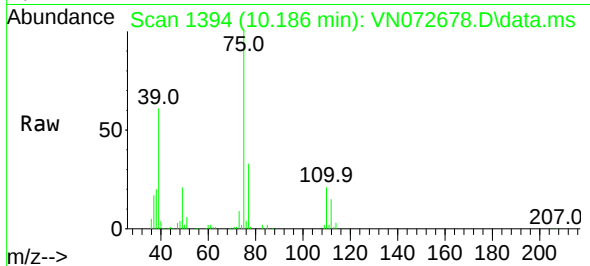




#49
 cis-1,3-Dichloropropene
 Concen: 16.960 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

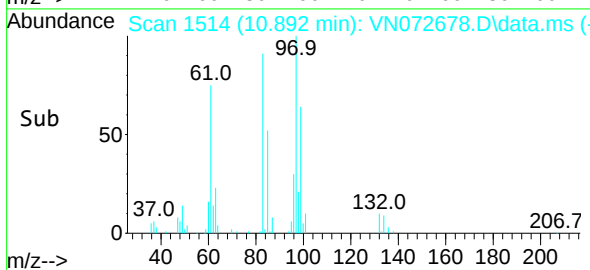
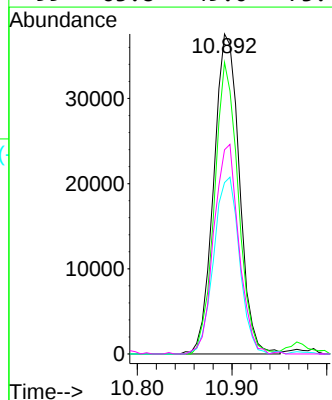
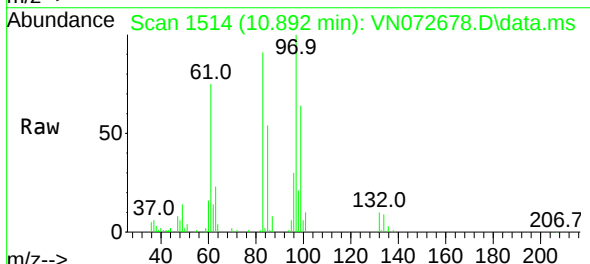
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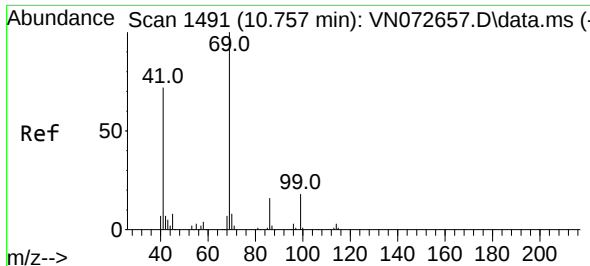
Tgt Ion: 75 Resp: 106168
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.3 37.9
 39 60.3 46.2 69.4



#50
 1,1,2-Trichloroethane
 Concen: 19.793 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

Tgt Ion: 97 Resp: 70656
 Ion Ratio Lower Upper
 97 100
 83 91.1 67.2 100.8
 85 53.6 43.0 64.4
 99 63.8 49.0 73.4

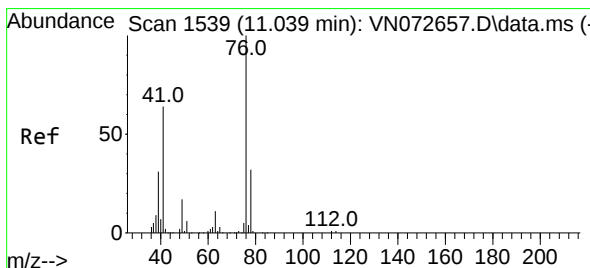
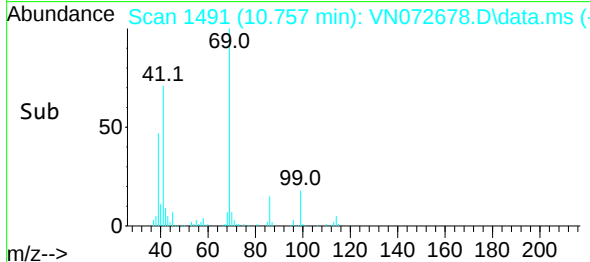
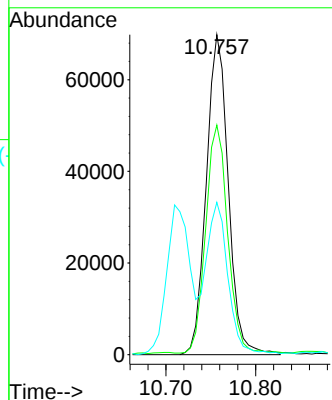
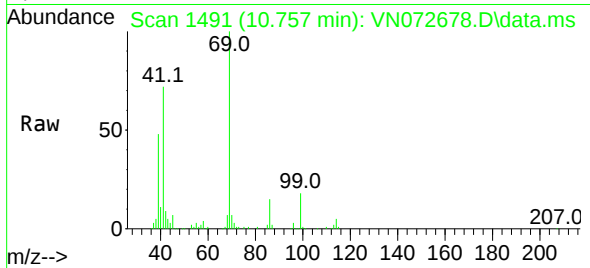




#51
Ethyl methacrylate
Concen: 18.377 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

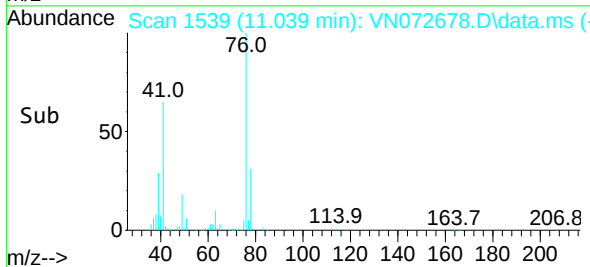
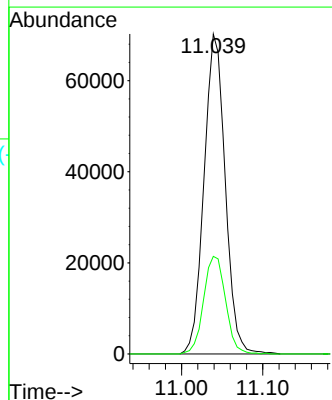
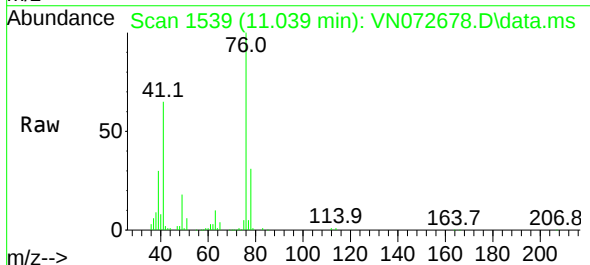
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

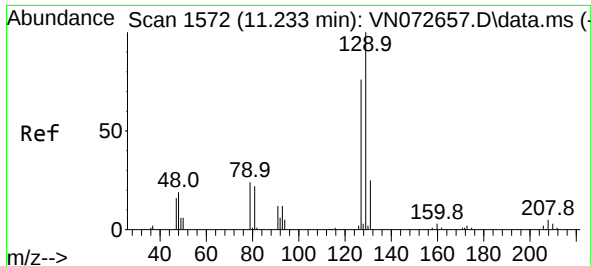
Tgt Ion: 69 Resp: 118828
Ion Ratio Lower Upper
69 100
41 71.3 33.0 98.9
39 47.2 25.4 76.4



#52
1,3-Dichloropropane
Concen: 20.034 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 76 Resp: 127269
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.4

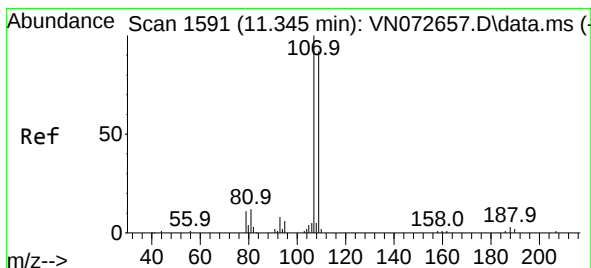
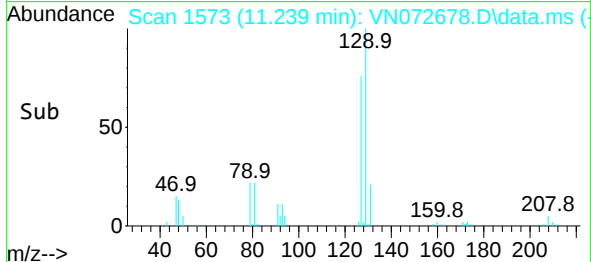
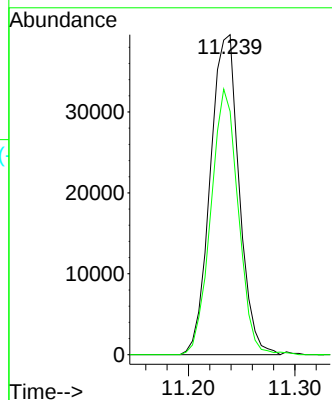
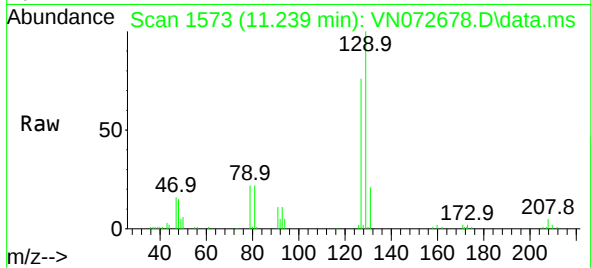




#53
Dibromochloromethane
Concen: 18.888 ug/l
RT: 11.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

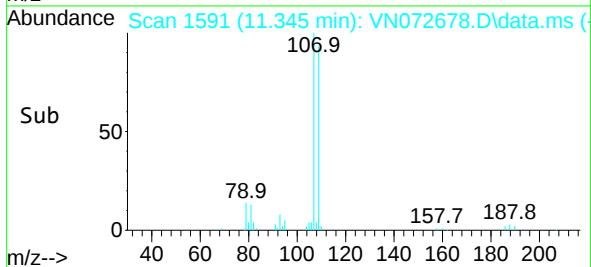
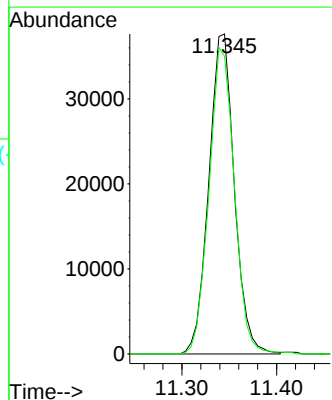
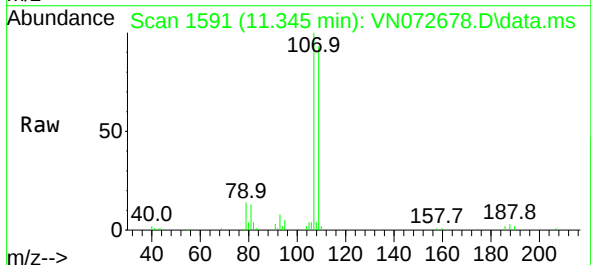
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

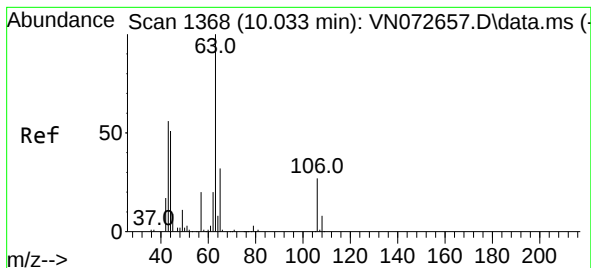
Tgt Ion:129 Resp: 74393
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0



#54
1,2-Dibromoethane
Concen: 18.779 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion:107 Resp: 70488
Ion Ratio Lower Upper
107 100
109 95.2 72.8 109.2

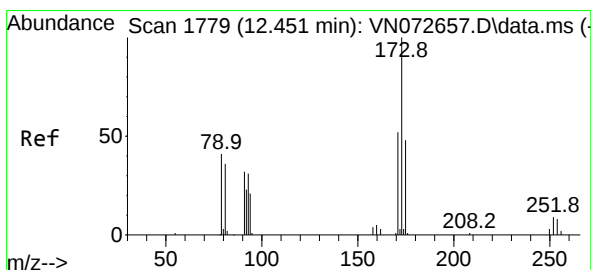
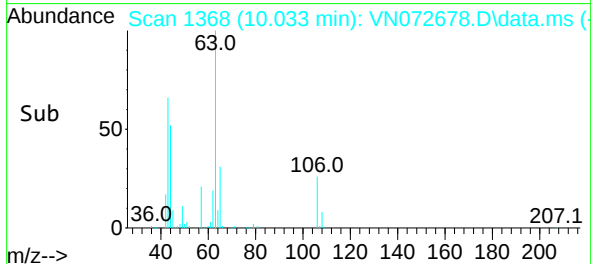
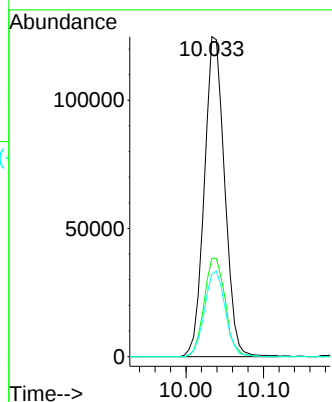
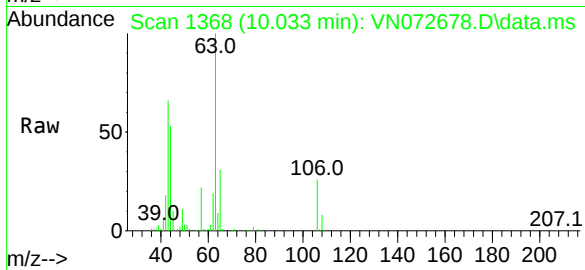




#55
2-Chloroethyl vinyl ether
Concen: 89.718 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

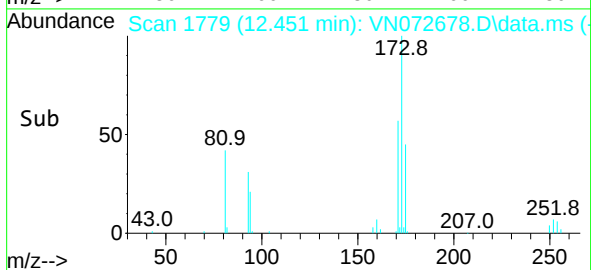
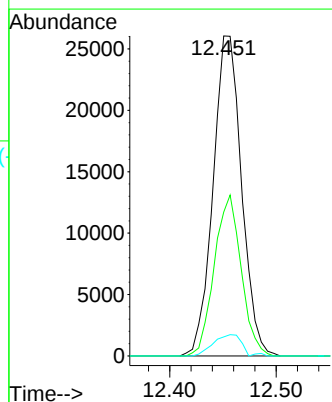
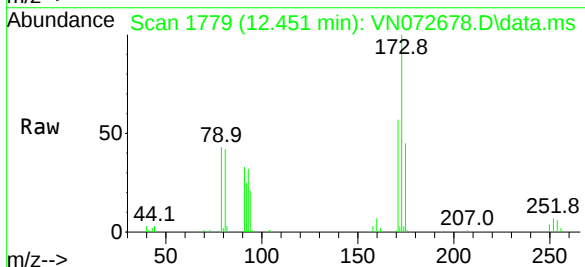
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ClientSampleId :
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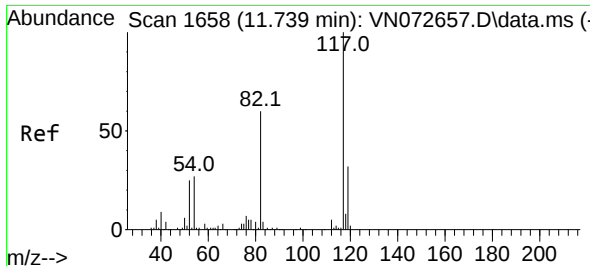
Tgt Ion: 63 Resp: 227207
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.0
106 27.5 23.2 34.8



#56
Bromoform
Concen: 17.647 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 173 Resp: 48427
Ion Ratio Lower Upper
173 100
175 47.3 38.6 58.0
254 6.5 0.0 0.0#

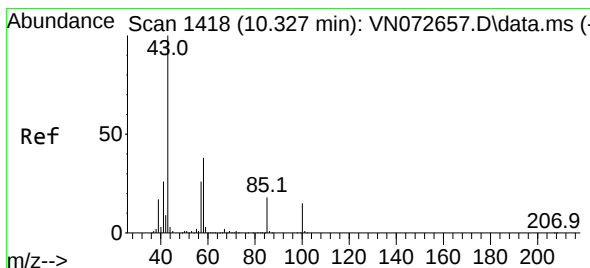
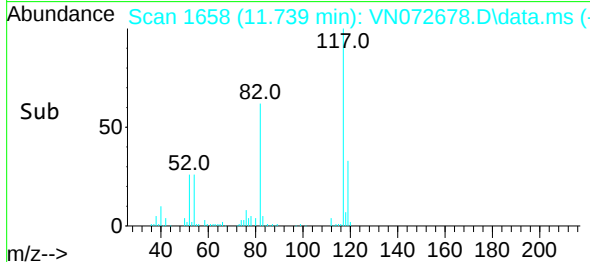
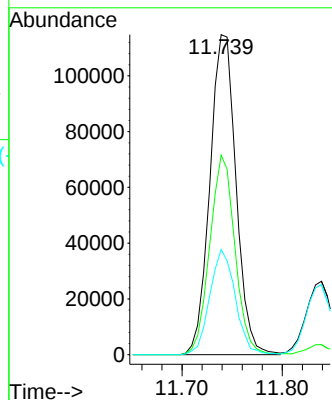
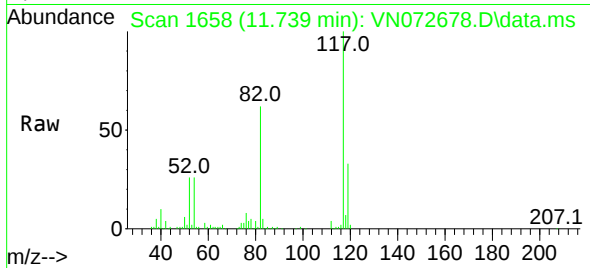




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

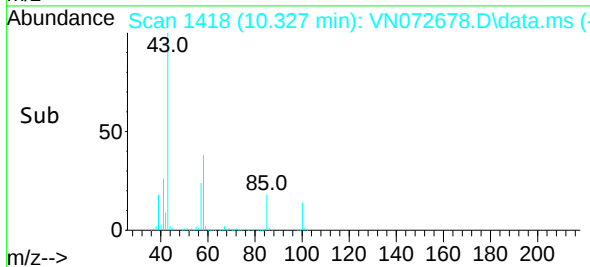
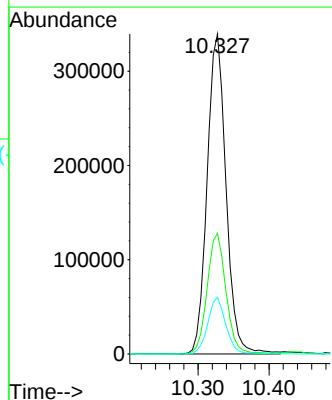
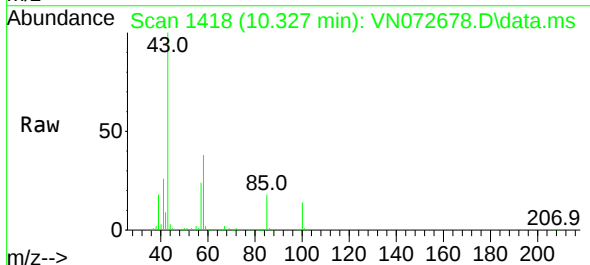
Instrument :
MSVOA_N
ClientSampleId :
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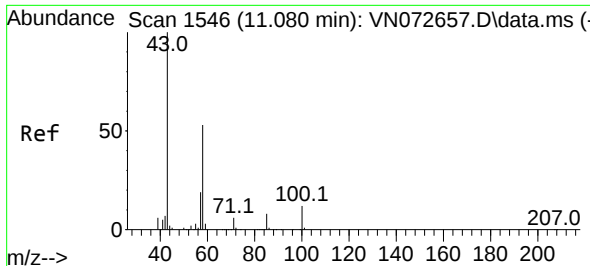
Tgt Ion:117 Resp: 208111
Ion Ratio Lower Upper
117 100
82 60.1 43.6 65.4
119 32.1 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 100.510 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 43 Resp: 627385
Ion Ratio Lower Upper
43 100
58 37.7 30.0 45.0
85 17.0 15.0 22.6

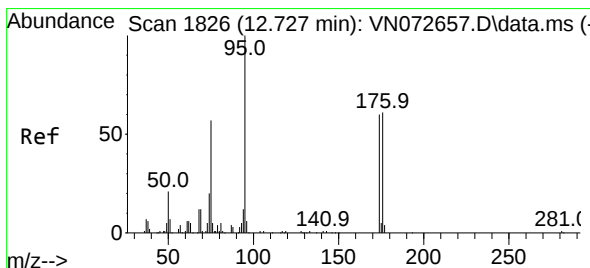
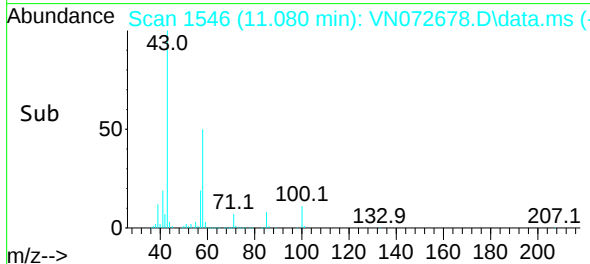
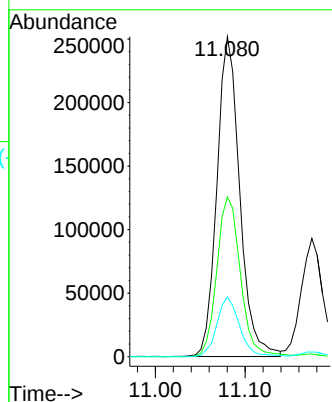
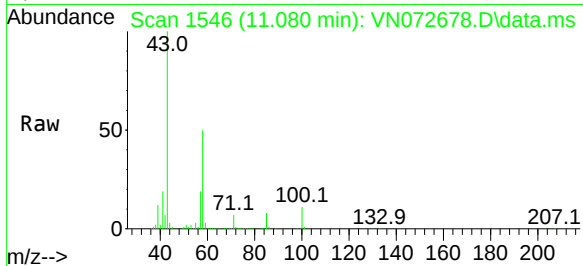




#59
2-Hexanone
Concen: 93.943 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

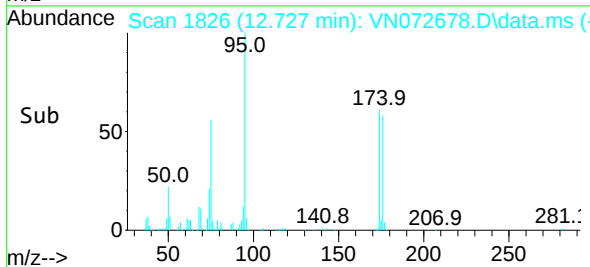
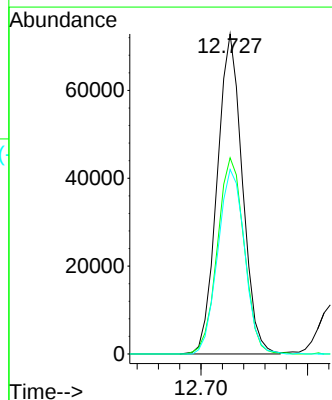
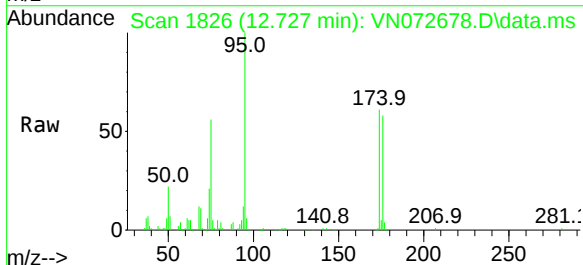
Instrument :
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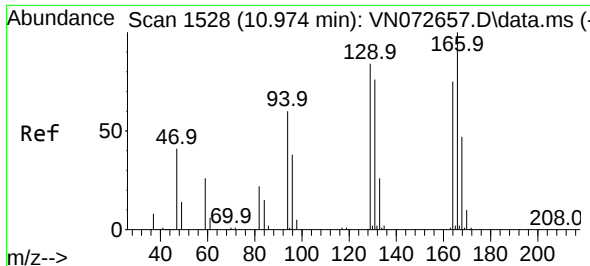
Tgt Ion: 43 Resp: 444569
Ion Ratio Lower Upper
43 100
58 51.6 42.2 63.2
57 18.7 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 27.938 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 95 Resp: 119584
Ion Ratio Lower Upper
95 100
174 64.9 62.9 94.3
176 61.4 61.0 91.4

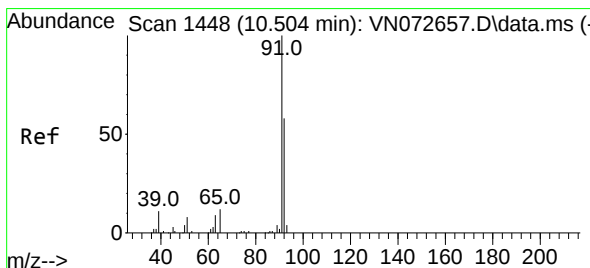
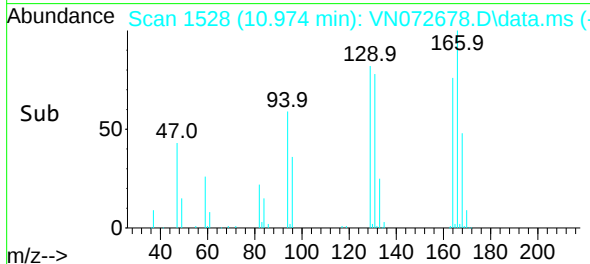
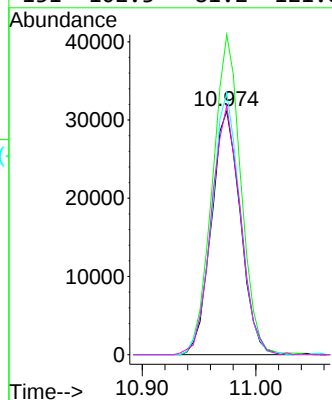
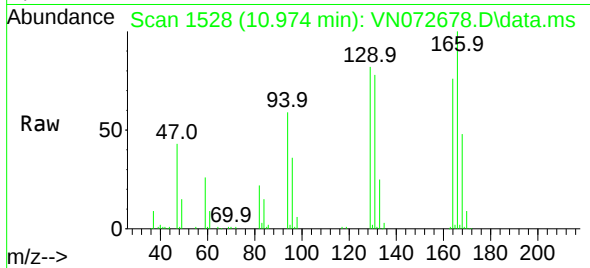




#61
Tetrachloroethene
Concen: 21.418 ug/l
RT: 10.974 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

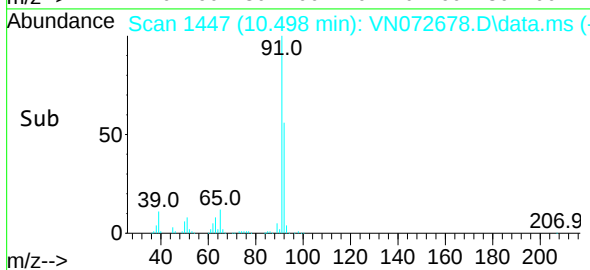
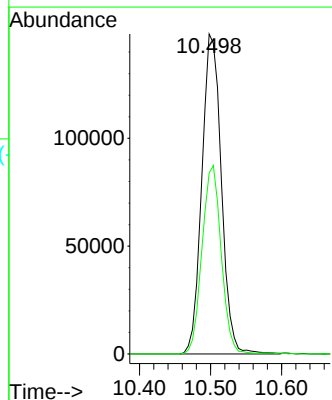
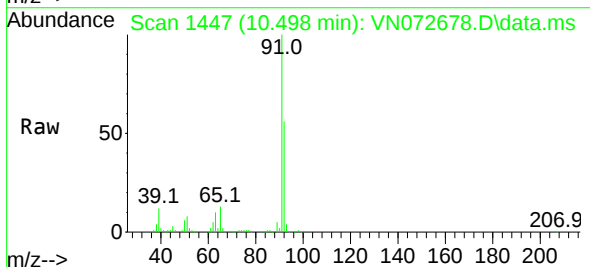
Instrument :
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ClientSampleId :
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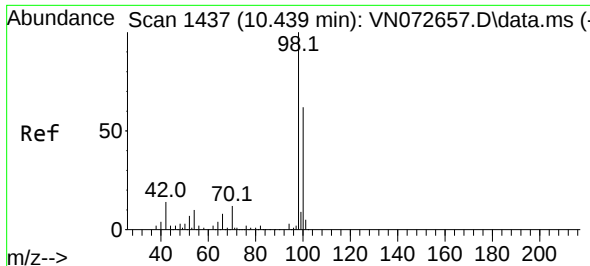
Tgt Ion:164 Resp: 55162
Ion Ratio Lower Upper
164 100
166 131.4 105.8 158.8
129 107.6 82.5 123.7
131 102.3 81.2 121.8



#62
Toluene
Concen: 20.109 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 91 Resp: 283763
Ion Ratio Lower Upper
91 100
92 57.8 44.6 67.0

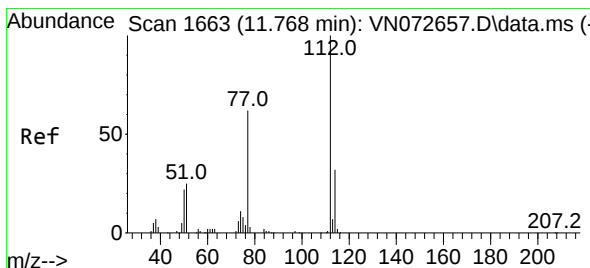
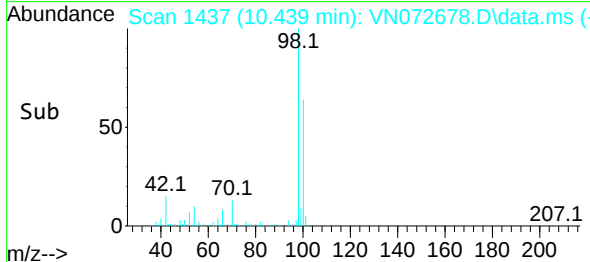
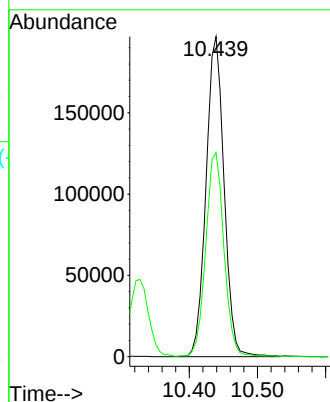
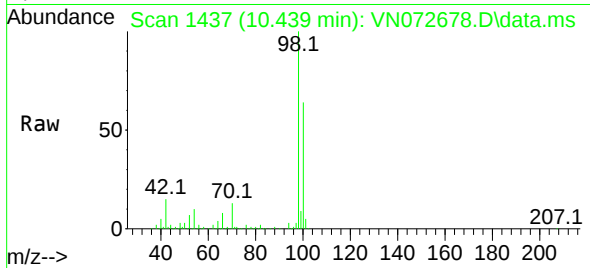




#63
Toluene-d8
Concen: 31.456 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

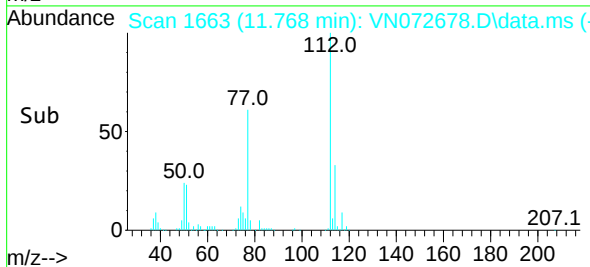
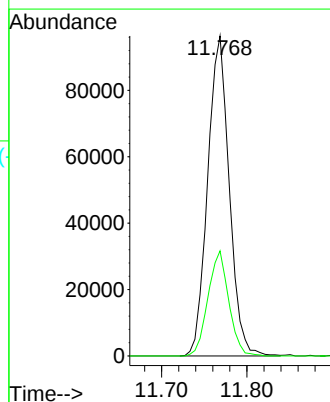
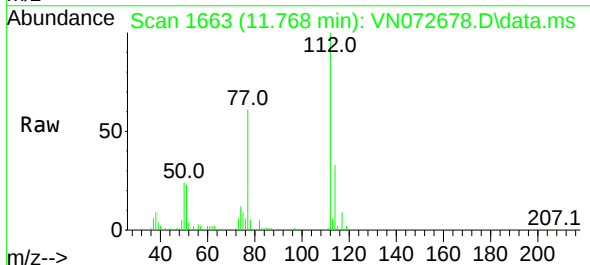
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

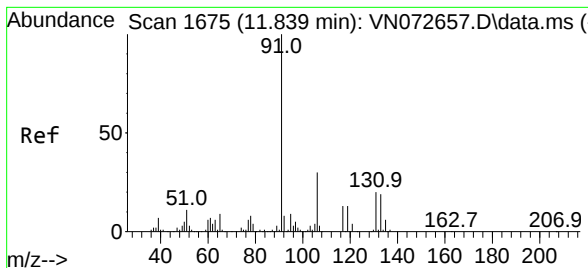
Tgt Ion: 98 Resp: 362636
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0



#64
Chlorobenzene
Concen: 19.748 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 112 Resp: 169664
Ion Ratio Lower Upper
112 100
114 32.8 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 20.221 ug/l

RT: 11.833 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

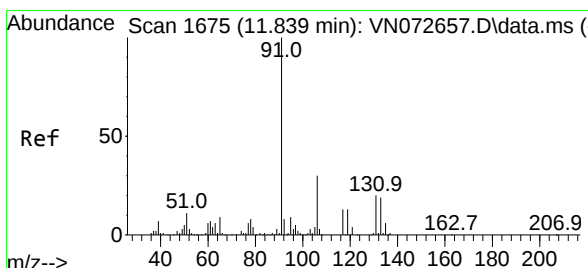
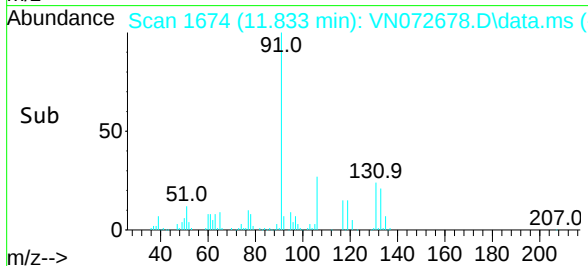
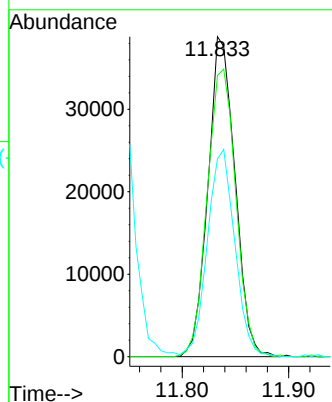
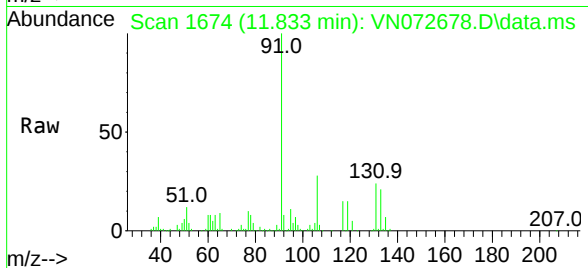
Tgt Ion:131 Resp: 68492

Ion Ratio Lower Upper

131 100

133 95.2 0.0 191.2

119 65.8 0.0 128.8



#66

Ethyl Benzene

Concen: 20.059 ug/l

RT: 11.839 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VN072678.D

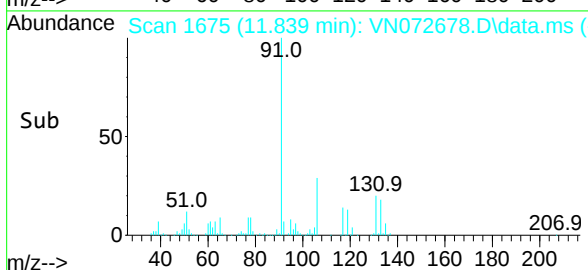
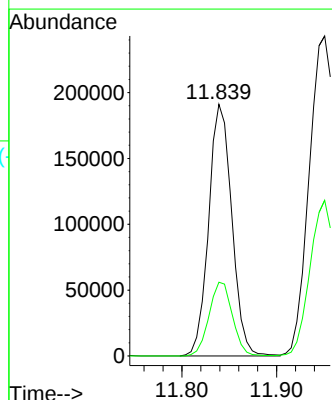
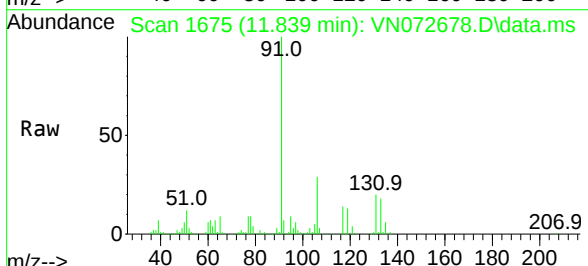
Acq: 07 Jun 2022 10:36

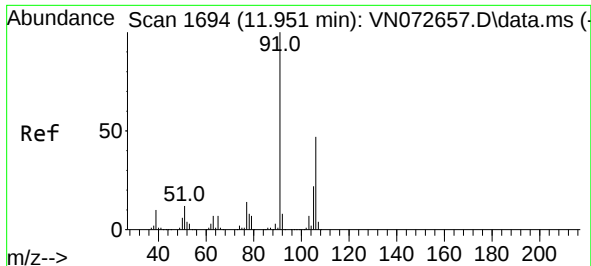
Tgt Ion: 91 Resp: 324976

Ion Ratio Lower Upper

91 100

106 29.3 24.0 36.0

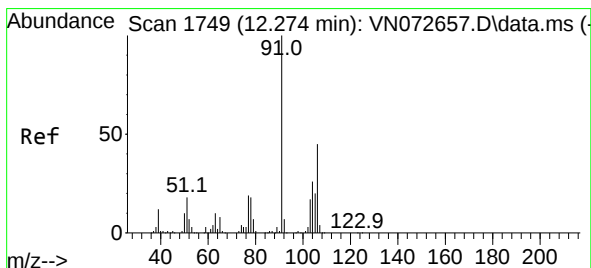
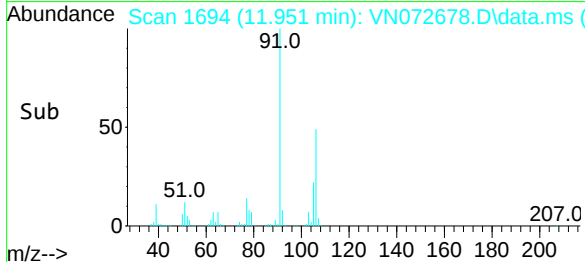
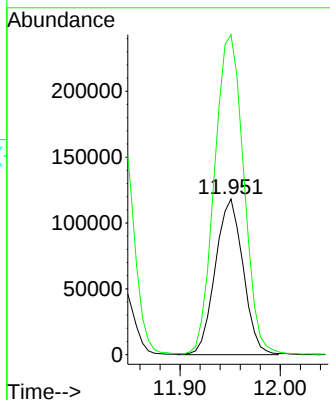
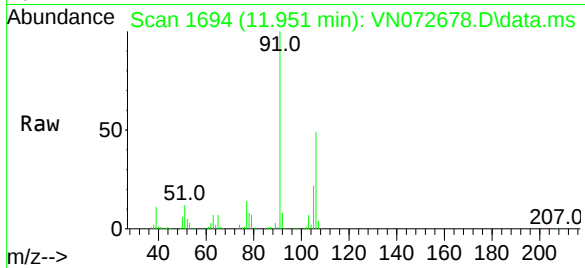




#67
m/p-Xylenes
Concen: 38.577 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

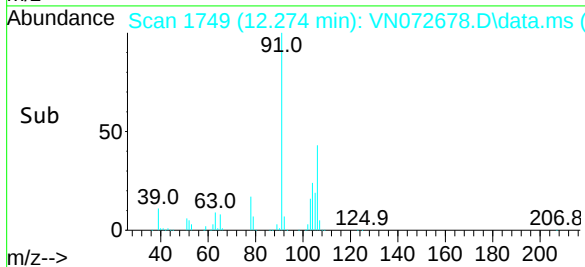
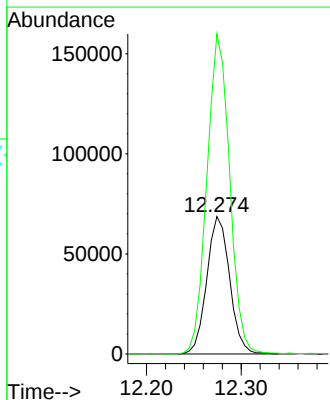
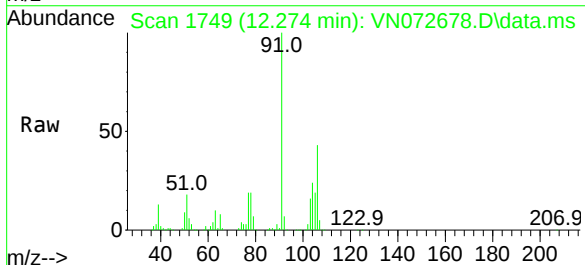
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

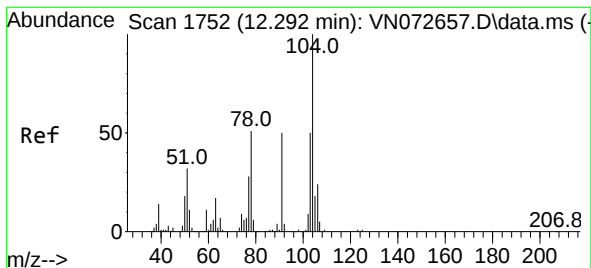
Tgt Ion:106 Resp: 227953
Ion Ratio Lower Upper
106 100
91 216.9 162.9 244.3



#68
o-Xylene
Concen: 19.083 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion:106 Resp: 115037
Ion Ratio Lower Upper
106 100
91 231.9 107.7 323.1





#69

Styrene

Concen: 18.978 ug/l

RT: 12.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

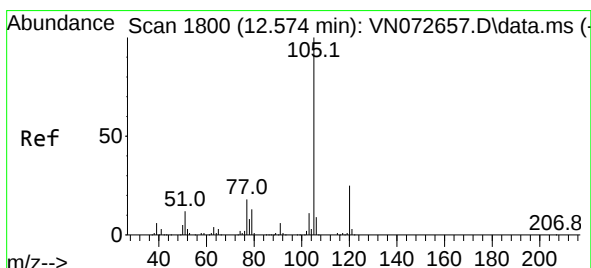
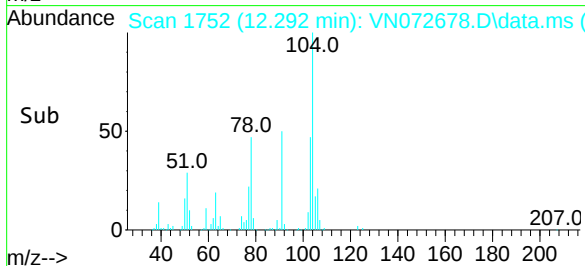
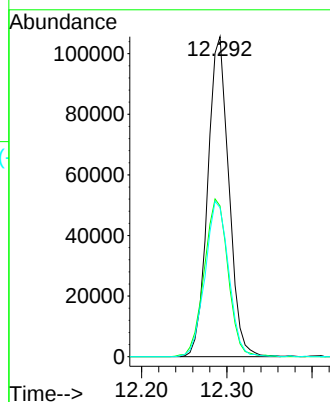
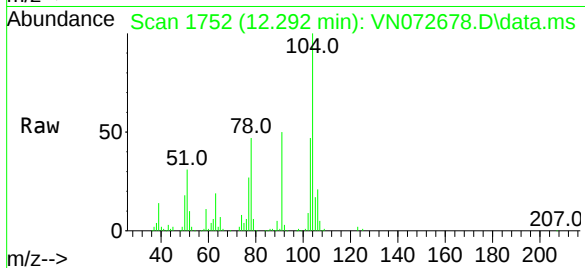
Tgt Ion:104 Resp: 181606

Ion Ratio Lower Upper

104 100

78 55.7 40.7 61.1

103 54.3 45.8 68.8



#70

Isopropylbenzene

Concen: 19.524 ug/l

RT: 12.574 min Scan# 1800

Delta R.T. 0.000 min

Lab File: VN072678.D

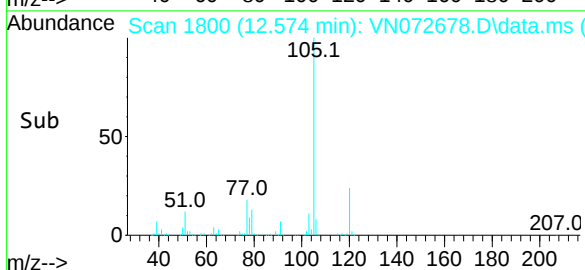
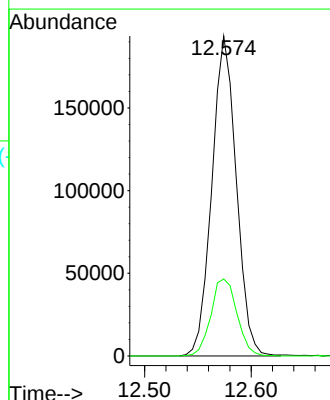
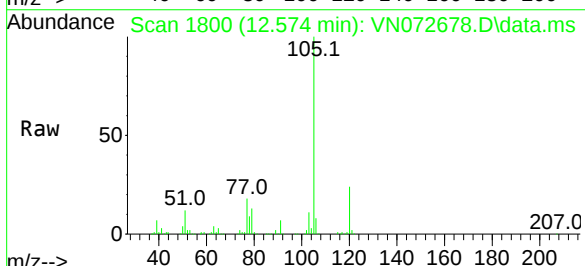
Acq: 07 Jun 2022 10:36

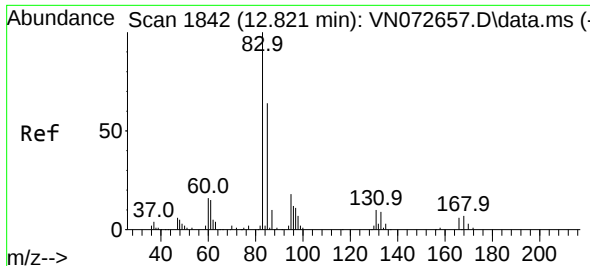
Tgt Ion:105 Resp: 307536

Ion Ratio Lower Upper

105 100

120 25.7 18.3 34.1

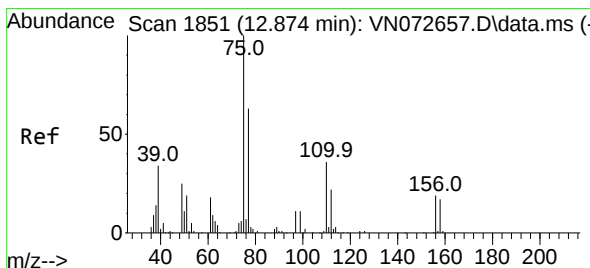
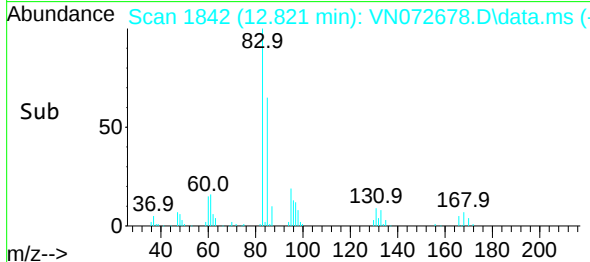
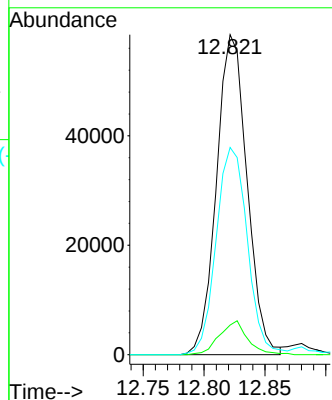
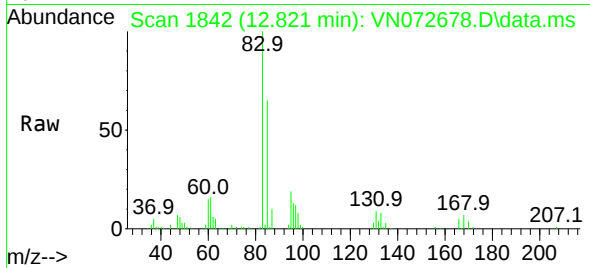




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.162 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

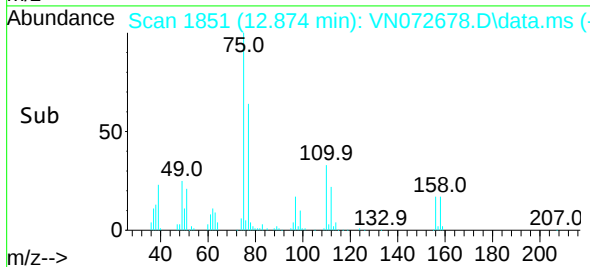
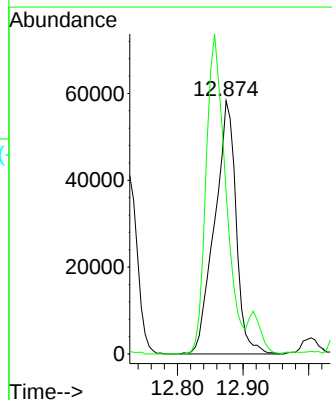
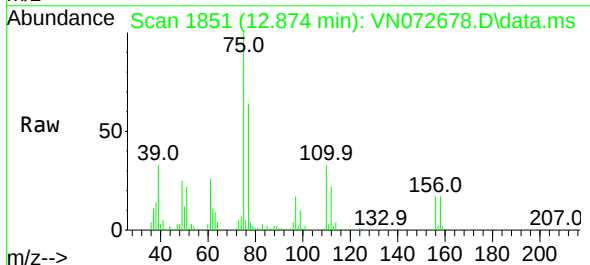
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

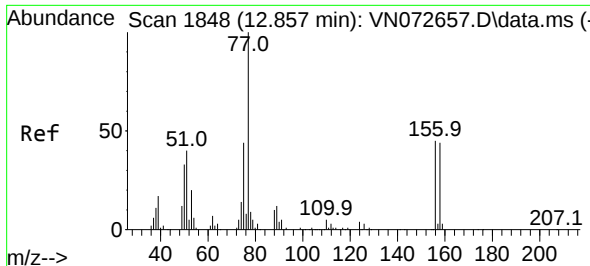
Tgt Ion: 83 Resp: 102175
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 66.1 33.1 99.2



#72
 1,2,3-Trichloropropane
 Concen: 28.469 ug/l
 RT: 12.874 min Scan# 1851
 Delta R.T. 0.000 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

Tgt Ion: 75 Resp: 132477
 Ion Ratio Lower Upper
 75 100
 77 116.5 0.0 378.0

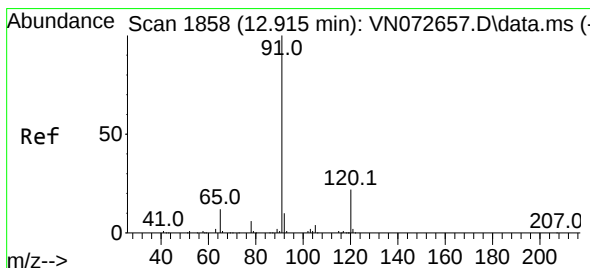
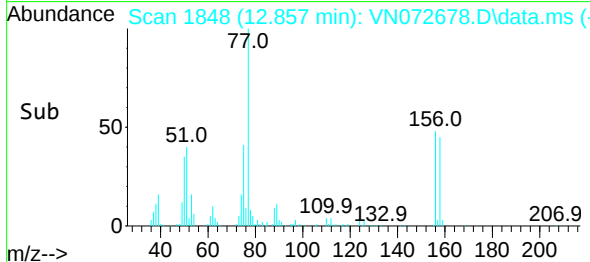
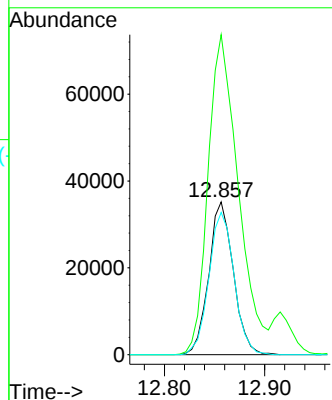
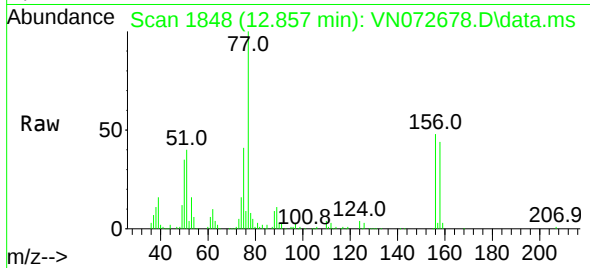




#73
Bromobenzene
Concen: 18.717 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

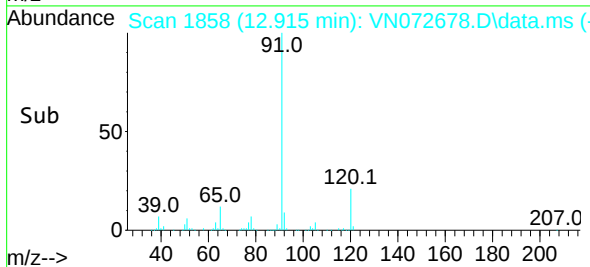
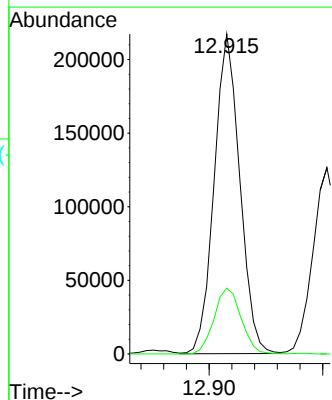
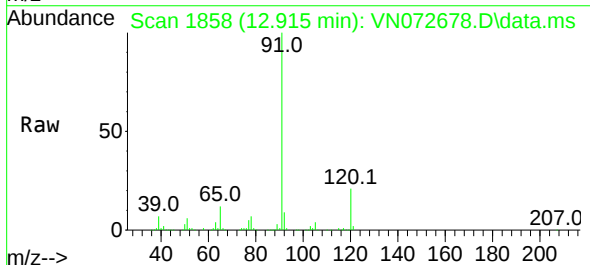
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

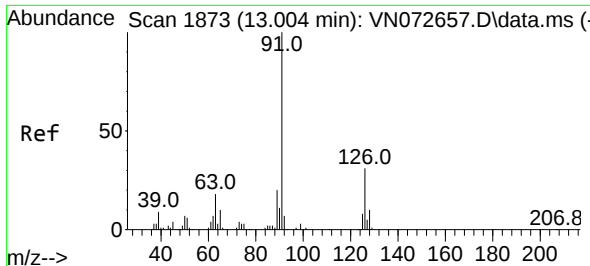
Tgt Ion:156 Resp: 59934
Ion Ratio Lower Upper
156 100
77 257.5 0.0 416.0
158 95.6 0.0 195.4



#74
n-propylbenzene
Concen: 18.822 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 91 Resp: 339267
Ion Ratio Lower Upper
91 100
120 21.8 0.0 45.0

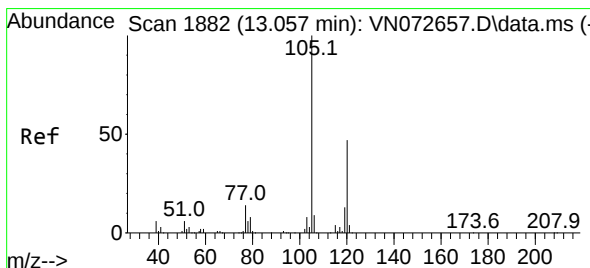
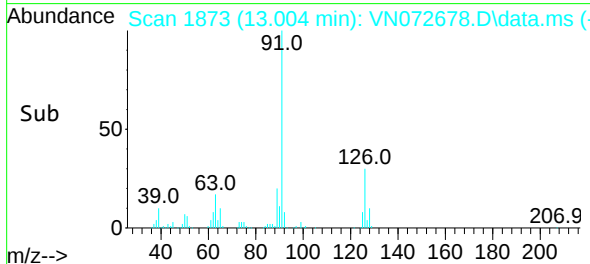
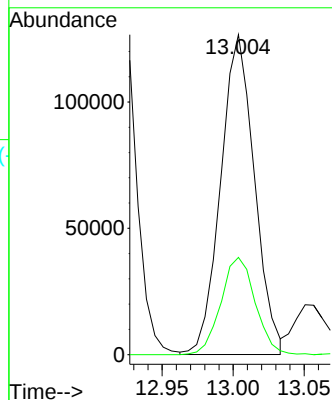
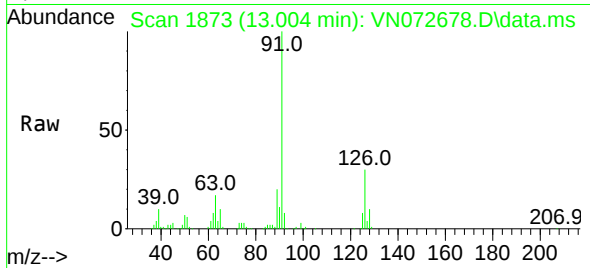




#75
2-Chlorotoluene
Concen: 18.745 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

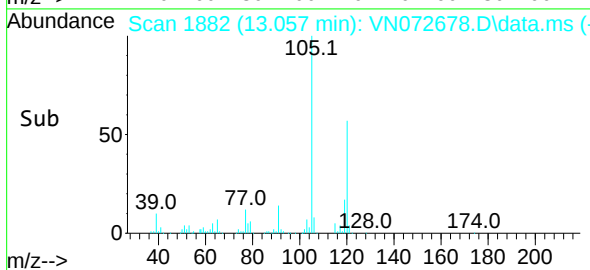
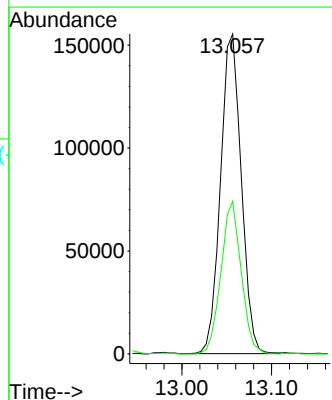
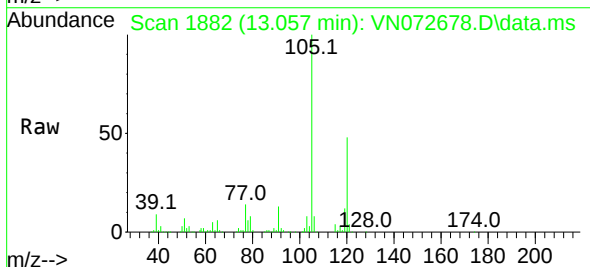
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

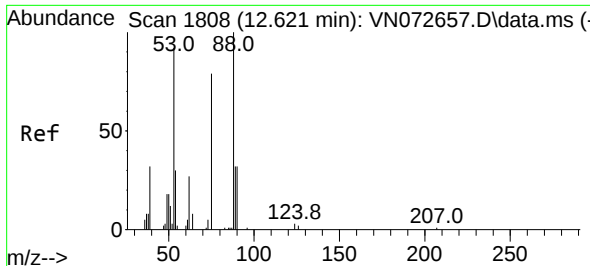
Tgt Ion: 91 Resp: 209433
Ion Ratio Lower Upper
91 100
126 30.9 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.287 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 105 Resp: 249365
Ion Ratio Lower Upper
105 100
120 46.6 0.0 93.8

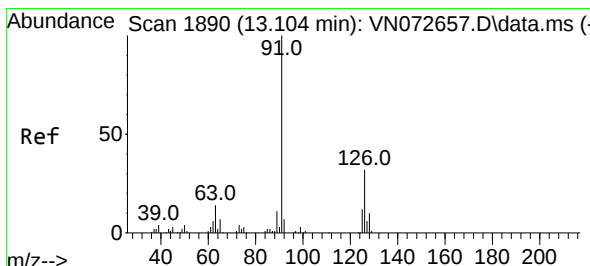
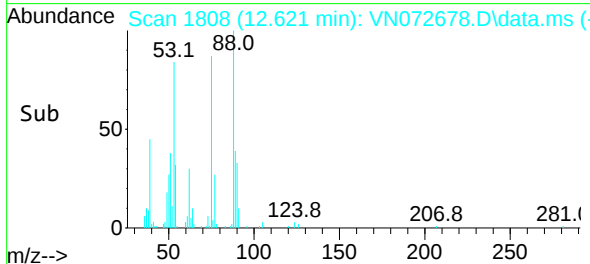
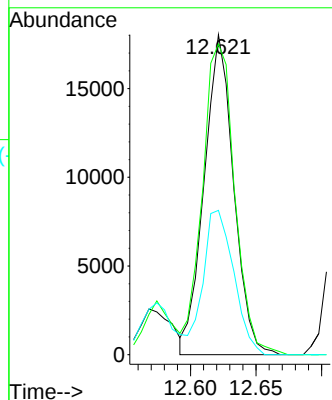
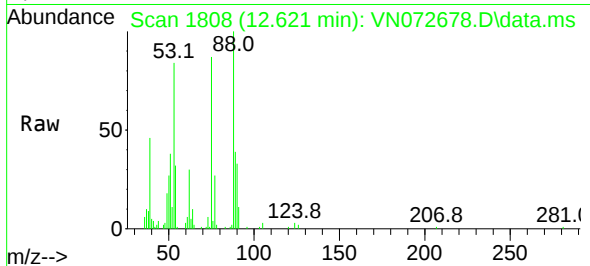




#77
t-1,4-Dichloro-2-butene
Concen: 14.377 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

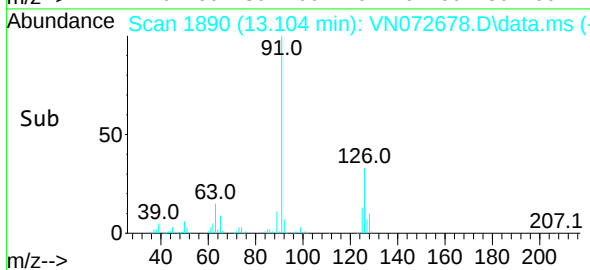
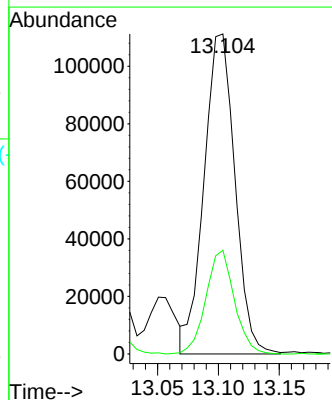
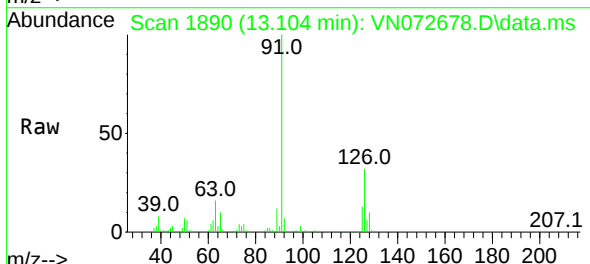
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

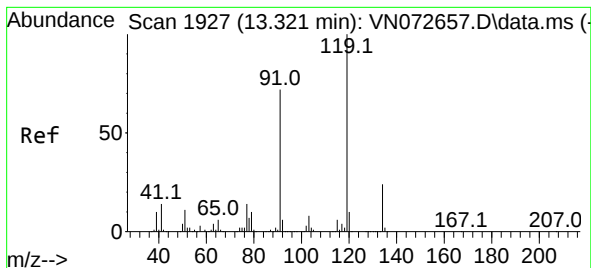
Tgt Ion: 75 Resp: 28197
Ion Ratio Lower Upper
75 100
53 96.2 51.8 155.5
89 45.1 22.9 68.7



#78
4-Chlorotoluene
Concen: 18.587 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 91 Resp: 196192
Ion Ratio Lower Upper
91 100
126 29.8 0.0 70.6





#79

tert-butylbenzene

Concen: 19.045 ug/l

RT: 13.321 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

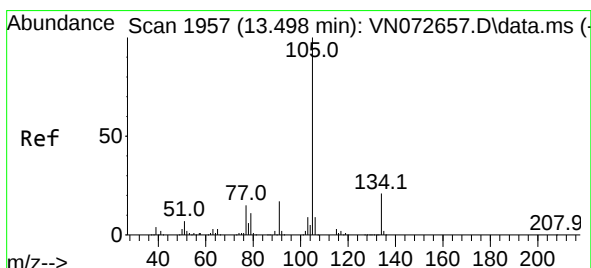
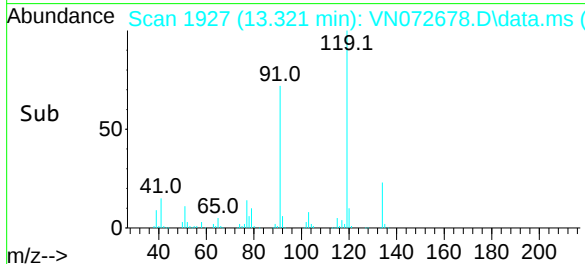
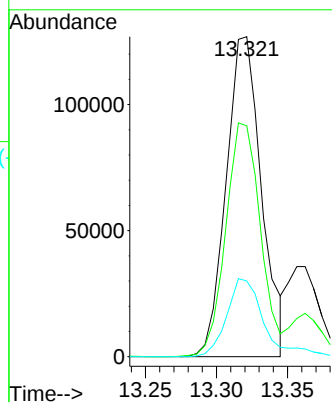
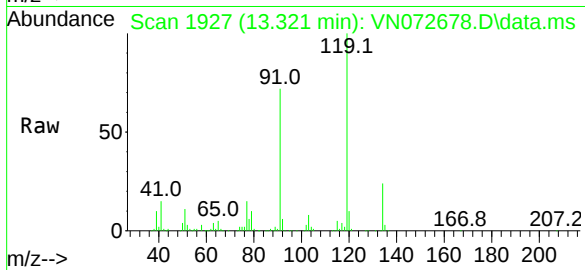
Tgt Ion:119 Resp: 219834

Ion Ratio Lower Upper

119 100

91 71.5 0.0 137.0

134 24.0 0.0 47.6



#80

1,2,4-Trimethylbenzene

Concen: 19.152 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN072678.D

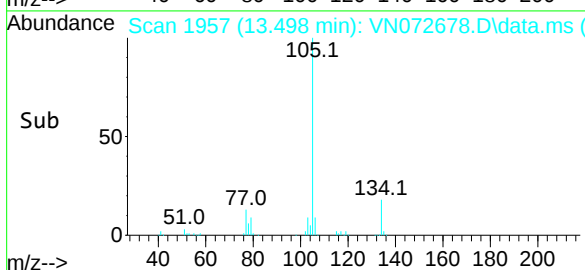
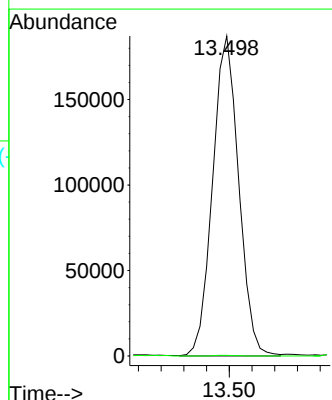
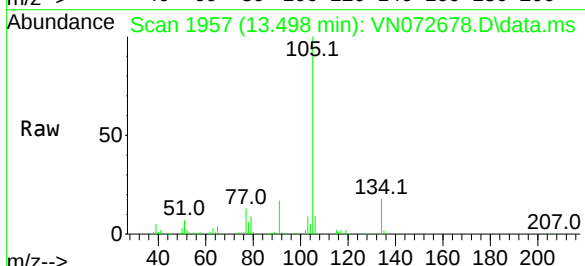
Acq: 07 Jun 2022 10:36

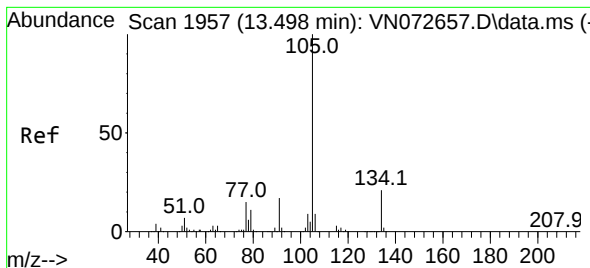
Tgt Ion:105 Resp: 298563

Ion Ratio Lower Upper

105 100

120 0.2 0.0 0.2

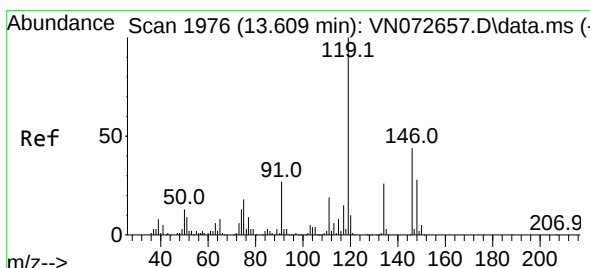
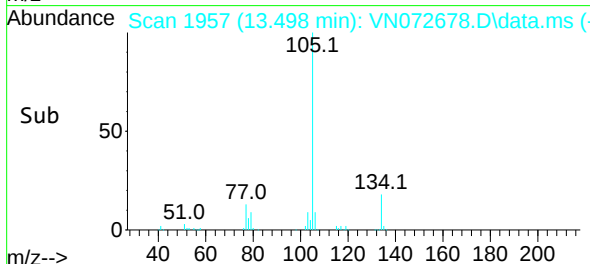
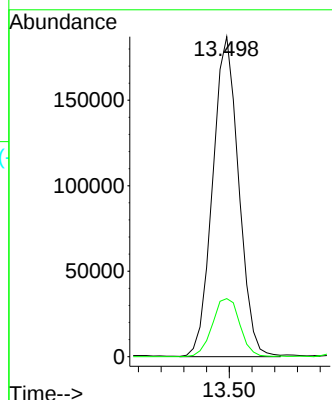
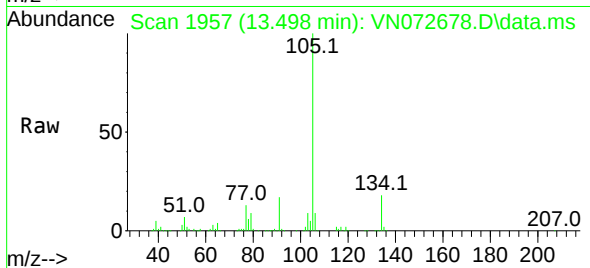




#81
 sec-Butylbenzene
 Concen: 19.152 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

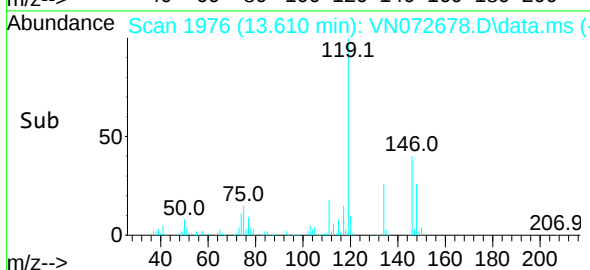
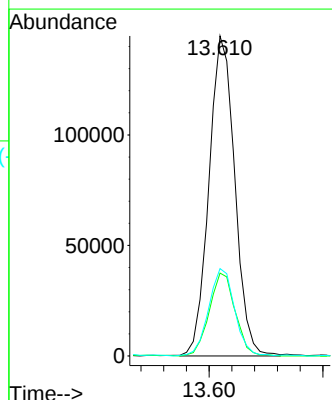
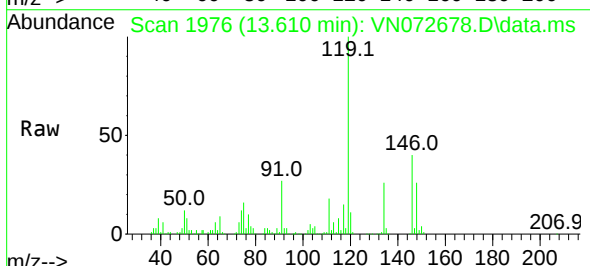
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

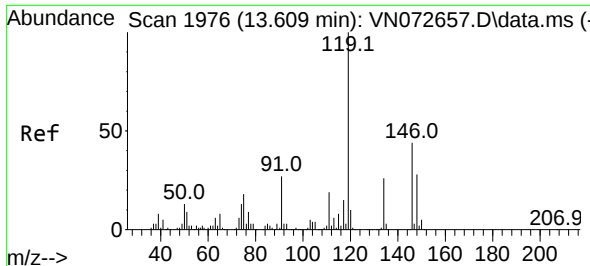
Tgt Ion:105 Resp: 298563
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.360 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072678.D
 Acq: 07 Jun 2022 10:36

Tgt Ion:119 Resp: 228488
 Ion Ratio Lower Upper
 119 100
 134 26.0 0.0 51.8
 91 27.5 0.0 50.4

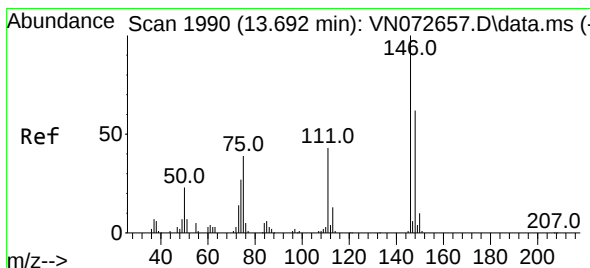
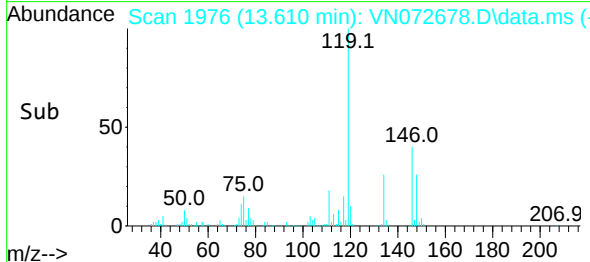
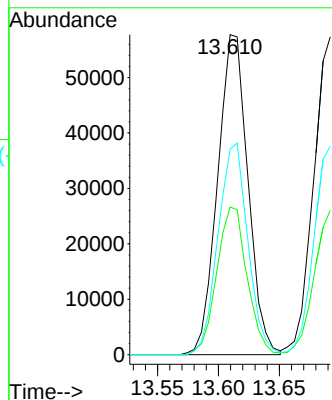
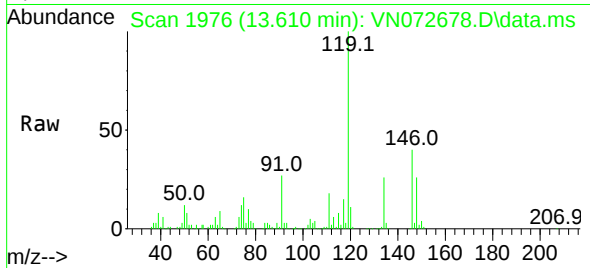




#83
1,3-Dichlorobenzene
Concen: 17.880 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

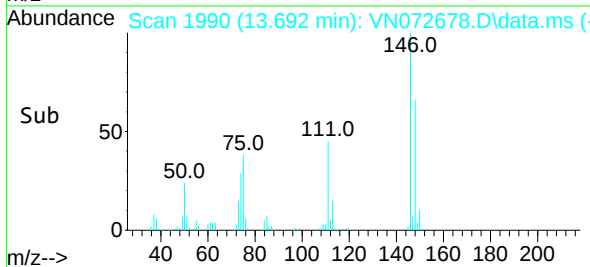
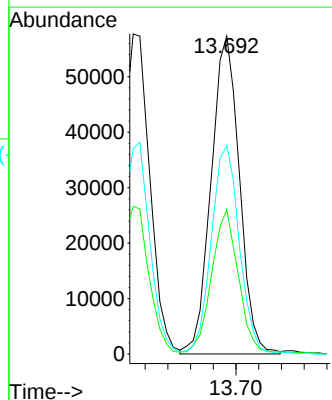
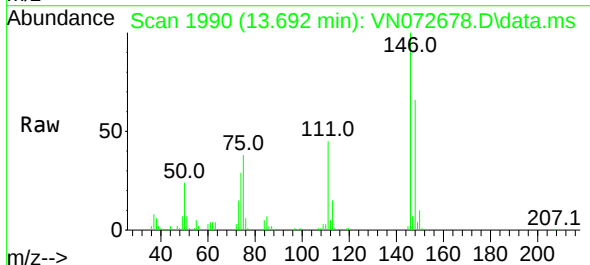
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

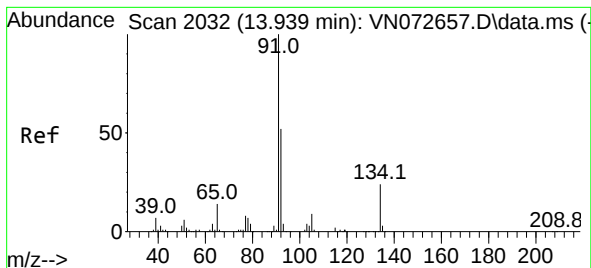
Tgt Ion:146 Resp: 100234
Ion Ratio Lower Upper
146 100
111 46.0 20.8 62.2
148 64.9 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 18.242 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion:146 Resp: 99294
Ion Ratio Lower Upper
146 100
111 42.5 19.5 58.5
148 64.6 31.1 93.5





#85

n-Butylbenzene

Concen: 17.458 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

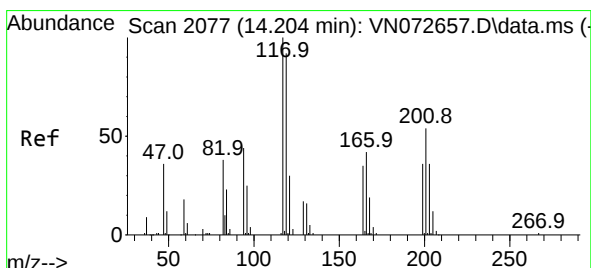
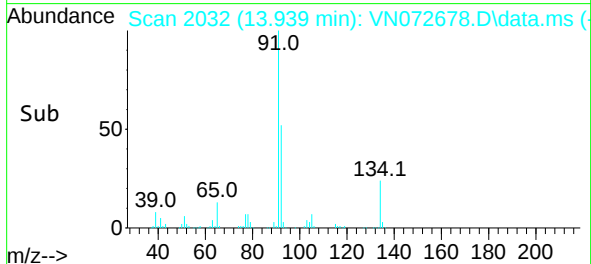
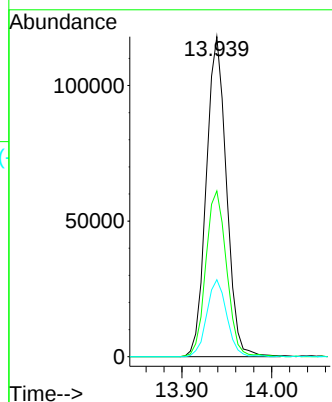
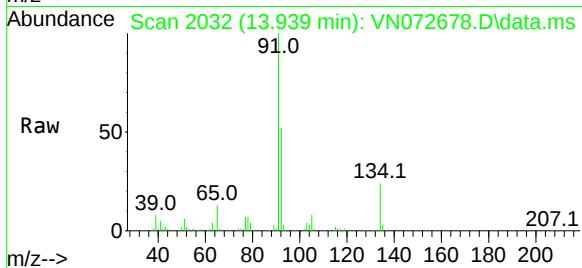
Tgt Ion: 91 Resp: 184215

Ion Ratio Lower Upper

91 100

92 53.1 0.0 100.6

134 23.7 0.0 50.2



#86

Hexachloroethane

Concen: 18.827 ug/l

RT: 14.204 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VN072678.D

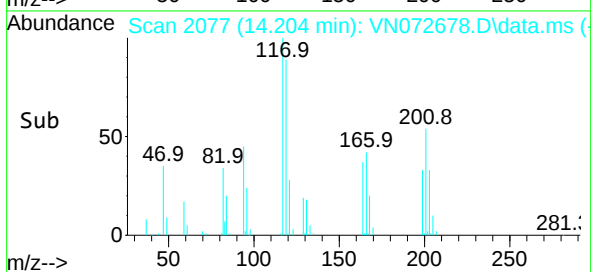
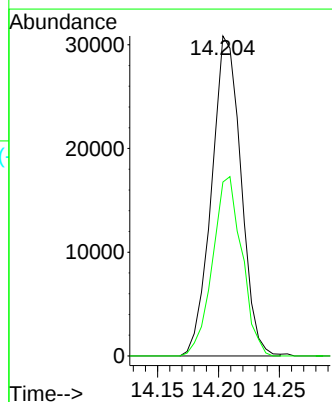
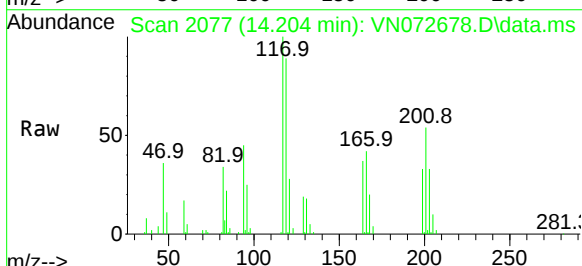
Acq: 07 Jun 2022 10:36

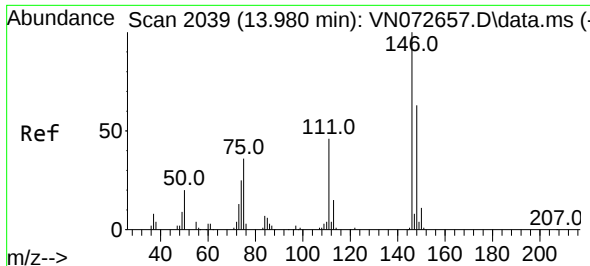
Tgt Ion: 117 Resp: 51845

Ion Ratio Lower Upper

117 100

201 56.1 33.3 99.8

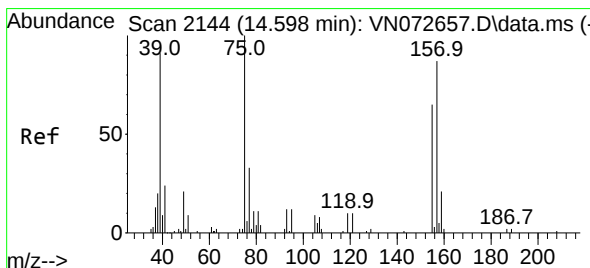
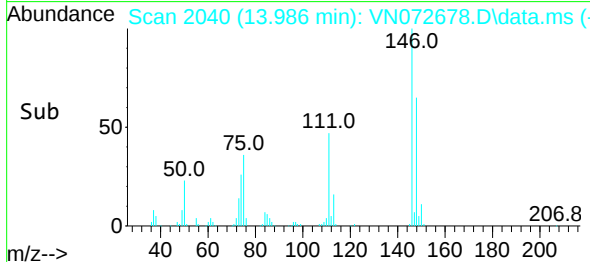
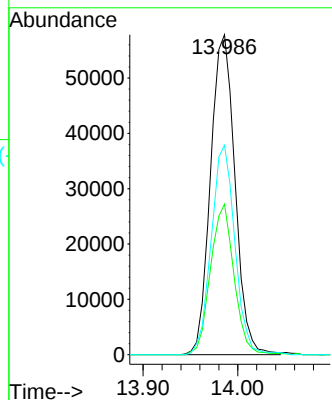
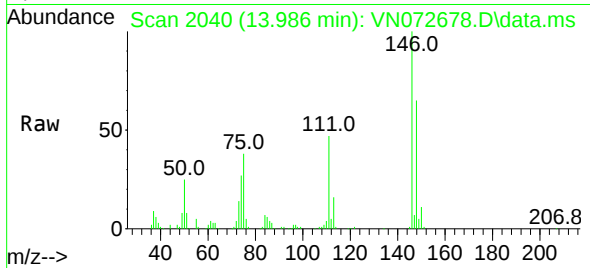




#87
1,2-Dichlorobenzene
Concen: 18.742 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

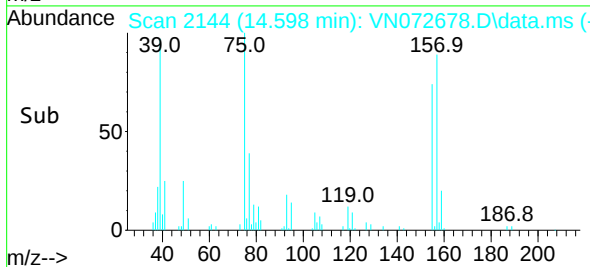
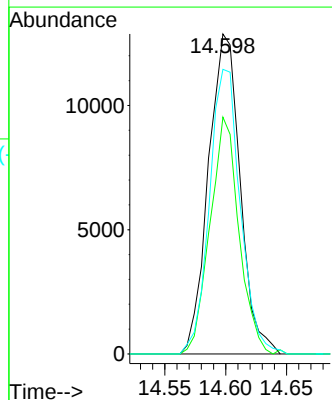
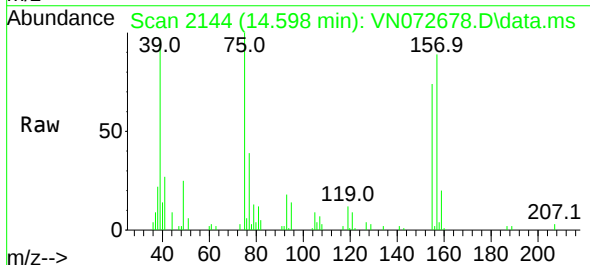
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

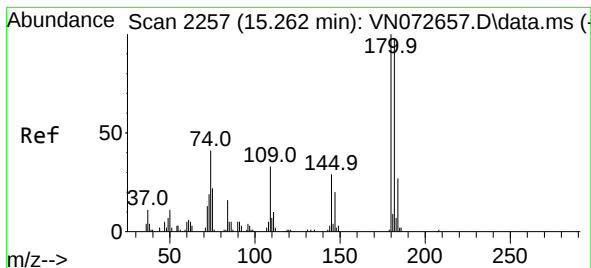
Tgt Ion:146 Resp: 103978
Ion Ratio Lower Upper
146 100
111 45.3 21.4 64.2
148 63.4 32.5 97.4



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.461 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072678.D
Acq: 07 Jun 2022 10:36

Tgt Ion: 75 Resp: 23344
Ion Ratio Lower Upper
75 100
155 67.4 63.8 95.8
157 86.7 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.265 ug/l

RT: 15.262 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

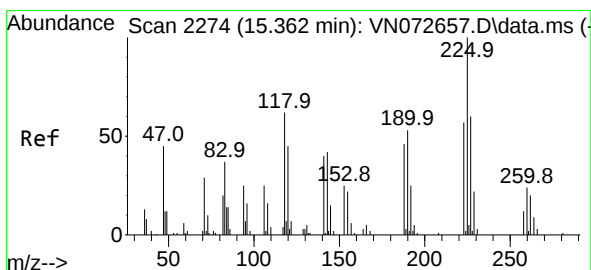
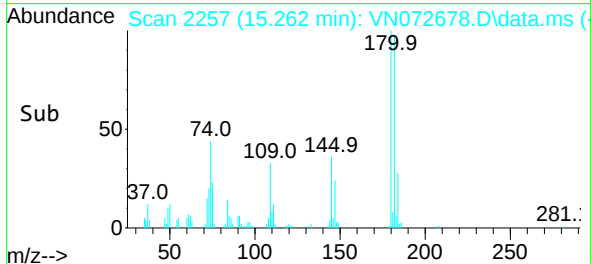
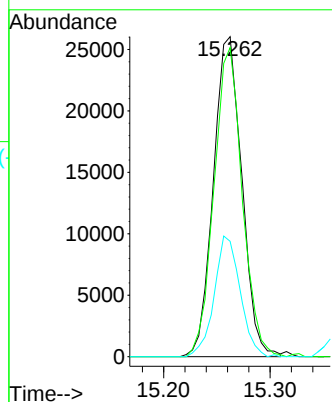
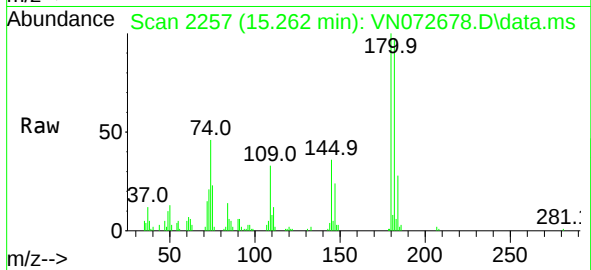
Tgt Ion:180 Resp: 48268

Ion Ratio Lower Upper

180 100

182 95.8 77.7 116.5

145 34.3 26.6 39.8



#90

Hexachlorobutadiene

Concen: 18.028 ug/l

RT: 15.362 min Scan# 2274

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

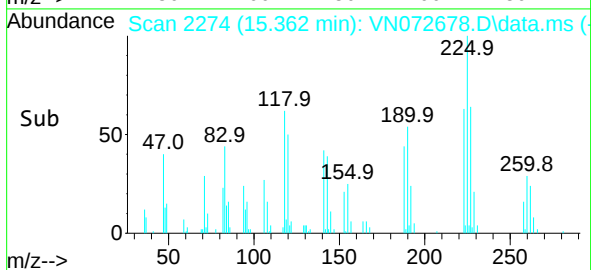
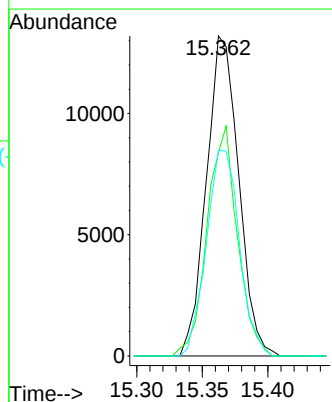
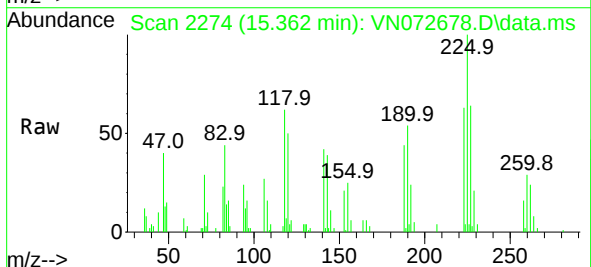
Tgt Ion:225 Resp: 22612

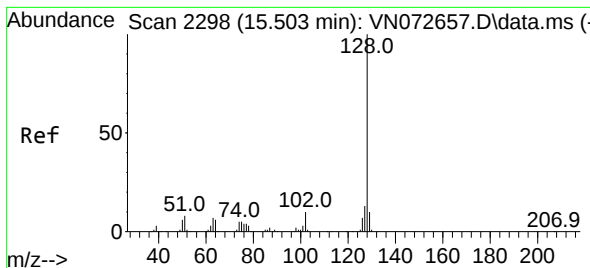
Ion Ratio Lower Upper

225 100

223 67.3 0.0 126.8

227 65.8 0.0 123.0





#91

Naphthalene

Concen: 15.842 ug/l

RT: 15.503 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

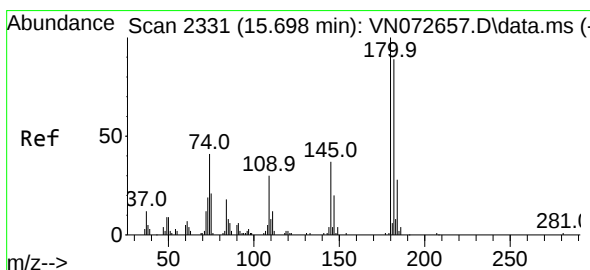
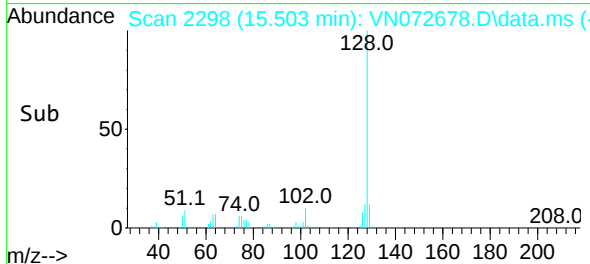
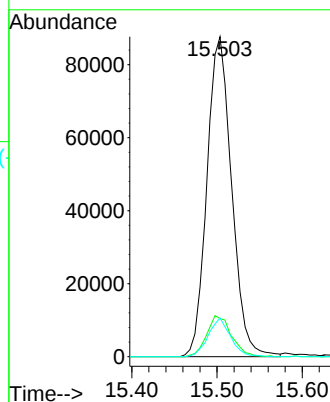
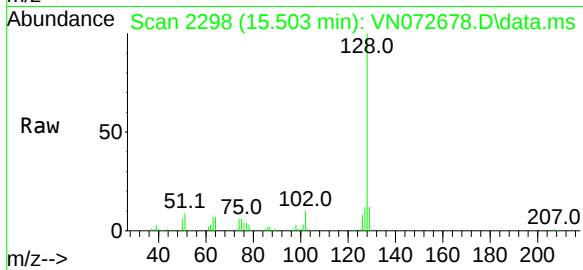
Tgt Ion:128 Resp: 176723

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.9 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 17.500 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.006 min

Lab File: VN072678.D

Acq: 07 Jun 2022 10:36

Tgt Ion:180 Resp: 49772

Ion Ratio Lower Upper

180 100

182 93.0 0.0 190.0

145 36.6 0.0 67.8

