

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070041.D
 Acq On : 13 Dec 2021 19:02
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 14 05:28:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N121321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Dec 14 00:59:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.659	128	163974	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.968	114	894288	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.744	117	810088	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	444065	30.559	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 101.867%	
60) 4-Bromofluorobenzene	12.731	95	392155	29.419	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.067%	
63) Toluene-d8	10.440	98	1168679	31.218	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 104.067%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	245732	20.651	ug/l	99
3) Chloromethane	2.303	50	283488	20.799	ug/l	95
4) Vinyl Chloride	2.445	62	253096	19.734	ug/l	100
5) Bromomethane	2.867	94	135400	19.314	ug/l	98
6) Chloroethane	3.025	64	148420	20.155	ug/l	99
7) Trichlorofluoromethane	3.376	101	331490	19.798	ug/l	99
8) Diethyl Ether	3.827	74	127747	19.228	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.208	101	189396	19.258	ug/l #	68
10) 1,1-Dichloroethene	4.178	96	180371	19.282	ug/l	87
11) Methyl Iodide	4.422	142	252124	19.261	ug/l	99
12) Methyl Acetate	4.857	43	473022	20.528	ug/l #	88
13) Acrolein	4.044	56	181415	97.264	ug/l	98
14) Acrylonitrile	5.557	53	683872	102.789	ug/l	99
15) Acetone	4.288	58	196943	81.577	ug/l	81
16) Carbon Disulfide	4.529	76	529287	18.778	ug/l	97
17) Allyl chloride	4.840	41	401758	19.097	ug/l	88
18) Methylene Chloride	5.095	84	223961	19.861	ug/l #	86
19) trans-1,2-Dichloroethene	5.597	96	188267	18.948	ug/l #	76
20) Diisopropyl ether	6.501	45	799482	19.842	ug/l #	94
21) 1,1-Dichloroethane	6.385	63	410462	19.325	ug/l	98
22) cis-1,2-Dichloroethene	7.327	96	225858	19.205	ug/l	88
23) tert-Butyl Alcohol	5.382	59	213217	101.380	ug/l #	100
24) Methyl tert-Butyl Ether	5.618	73	659440	19.852	ug/l	95
25) Chloroform	7.820	83	417110	19.765	ug/l	98
26) Cyclohexane	8.094	56	378092	19.230	ug/l #	84
29) 1,1-Dichloropropene	8.222	75	298138	19.362	ug/l	95
30) 2-Butanone	7.340	43	1015548	95.860	ug/l #	90
31) 2,2-Dichloropropane	7.324	77	292609	18.172	ug/l	97
33) Carbon Tetrachloride	8.204	117	313014	19.746	ug/l	99
34) Benzene	8.461	78	903376	19.844	ug/l #	95
35) Methacrylonitrile	7.638	41	212019	21.635	ug/l	90
36) 1,2-Dichloroethane	8.531	62	353093	19.649	ug/l	98
37) Trichloroethene	9.217	130	205166	18.948	ug/l	89
38) Methylcyclohexane	9.461	83	337787	18.455	ug/l	87
39) 1,2-Dichloropropane	9.491	63	243609	20.072	ug/l	97
40) Dibromomethane	9.577	93	159782	19.958	ug/l	96
41) Bromodichloromethane	9.762	83	333013	19.672	ug/l	96
42) Vinyl Acetate	6.436	43	2740460	88.059	ug/l	96
43) Ethyl Acetate	7.415	43	378678	20.579	ug/l	99

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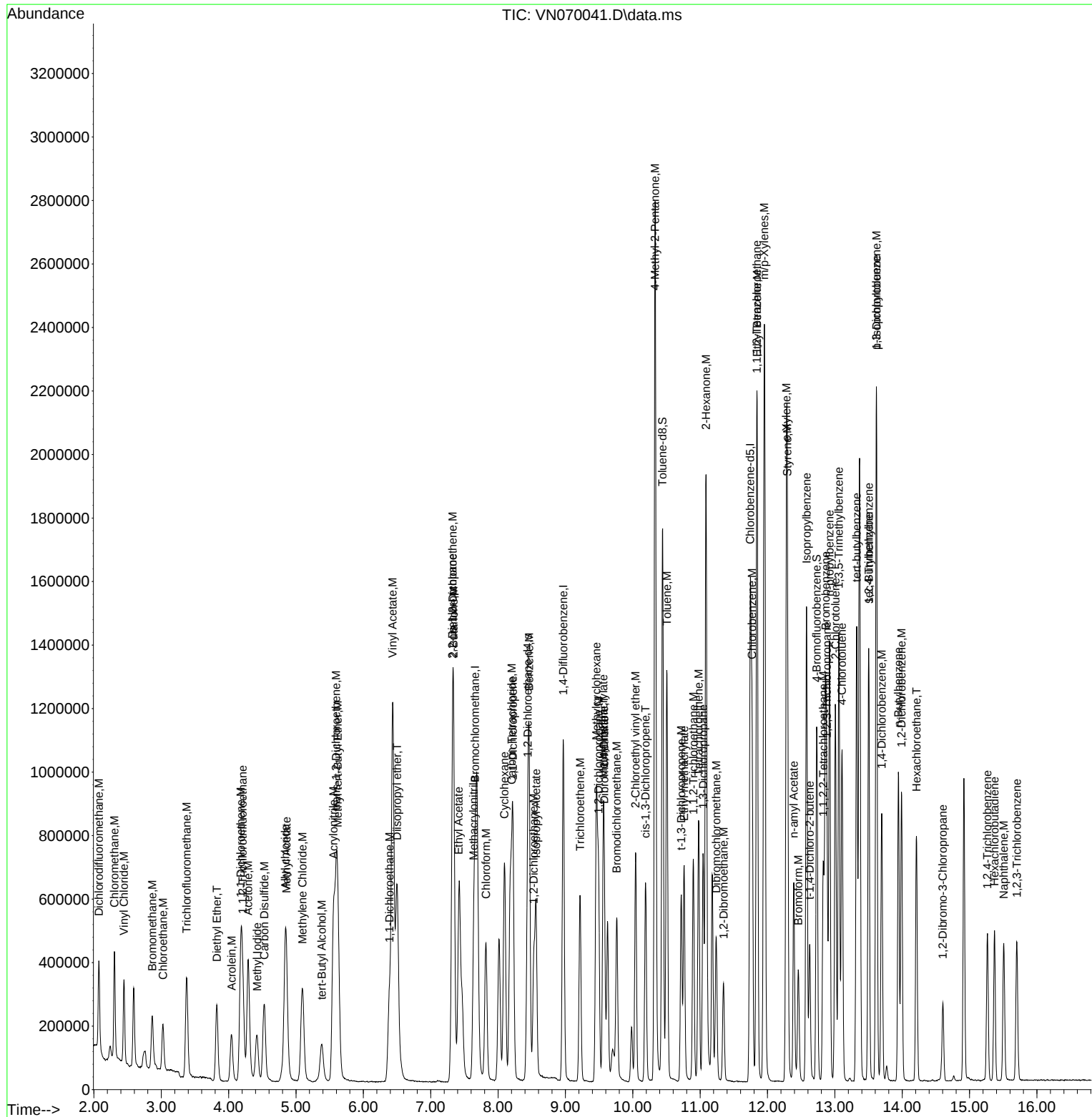
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.563	43	606631	20.480	ug/l	94
45) 1,4-Dioxane	9.571	88	94080	448.846	ug/l #	84
46) Methyl methacrylate	9.561	41	272337	19.414	ug/l	83
47) n-amyl Acetate	12.390	43	380680	18.430	ug/l	99
48) t-1,3-Dichloropropene	10.719	75	310233	18.221	ug/l	99
49) cis-1,3-Dichloropropene	10.188	75	348797	18.877	ug/l	94
50) 1,1,2-Trichloroethane	10.899	97	220833	20.294	ug/l	97
51) Ethyl methacrylate	10.762	69	330674	19.013	ug/l	90
52) 1,3-Dichloropropane	11.044	76	382883	19.872	ug/l	97
53) Dibromochloromethane	11.240	129	238643	19.523	ug/l	99
54) 1,2-Dibromoethane	11.347	107	215641	19.450	ug/l	96
55) 2-Chloroethyl vinyl ether	10.041	63	309153	90.673	ug/l	96
56) Bromoform	12.457	173	177136	19.033	ug/l #	99
58) 4-Methyl-2-Pentanone	10.330	43	2016772	108.468	ug/l #	94
59) 2-Hexanone	11.087	43	1405233	102.230	ug/l	94
61) Tetrachloroethene	10.977	164	182047	19.241	ug/l	94
62) Toluene	10.505	91	952653	19.996	ug/l	99
64) Chlorobenzene	11.771	112	546970	19.345	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.840	131	214787	20.169	ug/l	99
66) Ethyl Benzene	11.846	91	1024550	19.344	ug/l	100
67) m/p-Xylenes	11.953	106	757240	39.132	ug/l	94
68) o-Xylene	12.280	106	369418	19.295	ug/l	93
69) Styrene	12.296	104	592144	18.975	ug/l	97
70) Isopropylbenzene	12.581	105	968327	19.276	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.827	83	346924	21.057	ug/l	97
72) 1,2,3-Trichloropropane	12.881	75	408491	26.644	ug/l	57
73) Bromobenzene	12.862	156	224151	19.227	ug/l	91
74) n-propylbenzene	12.921	91	1089865	18.718	ug/l	98
75) 2-Chlorotoluene	13.007	91	677459	19.014	ug/l	96
76) 1,3,5-Trimethylbenzene	13.061	105	790718	19.158	ug/l	100
77) t-1,4-Dichloro-2-butene	12.626	75	91926	19.067	ug/l	91
78) 4-Chlorotoluene	13.106	91	633890	18.552	ug/l	95
79) tert-butylbenzene	13.324	119	678042	18.930	ug/l	98
80) 1,2,4-Trimethylbenzene	13.503	105	937315	23.485	ug/l	100
81) sec-Butylbenzene	13.503	105	937315	18.753	ug/l	99
82) p-Isopropyltoluene	13.619	119	728079	18.284	ug/l	100
83) 1,3-Dichlorobenzene	13.619	146	370698	18.801	ug/l	98
84) 1,4-Dichlorobenzene	13.696	146	346645	18.277	ug/l	98
85) n-Butylbenzene	13.943	91	547507	16.458	ug/l	98
86) Hexachloroethane	14.211	117	150512	18.946	ug/l	88
87) 1,2-Dichlorobenzene	13.989	146	365944	19.319	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.603	75	64798	20.560	ug/l	94
89) 1,2,4-Trichlorobenzene	15.265	180	150711	17.103	ug/l	97
90) Hexachlorobutadiene	15.370	225	97851	18.657	ug/l	99
91) Naphthalene	15.507	128	392177	20.068	ug/l #	93
92) 1,2,3-Trichlorobenzene	15.702	180	153520	18.439	ug/l	98

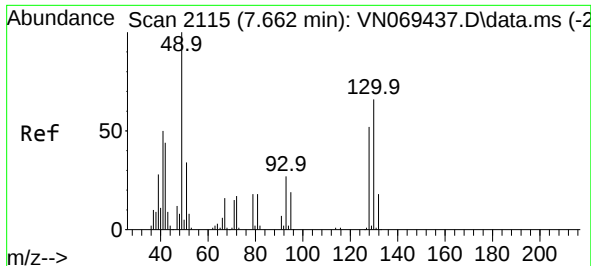
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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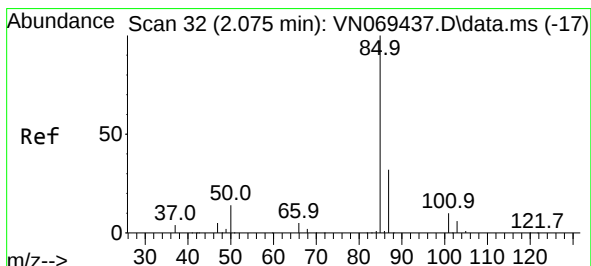
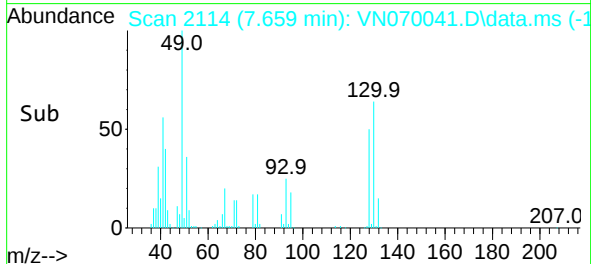
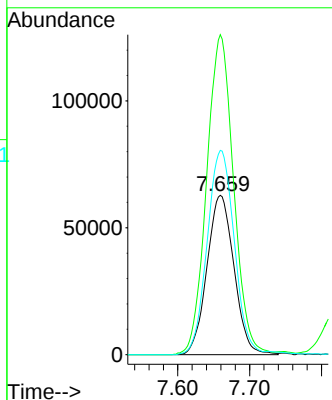
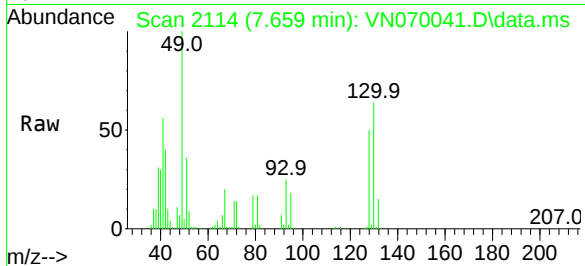




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.659 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

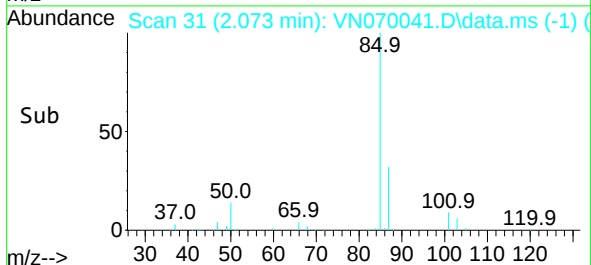
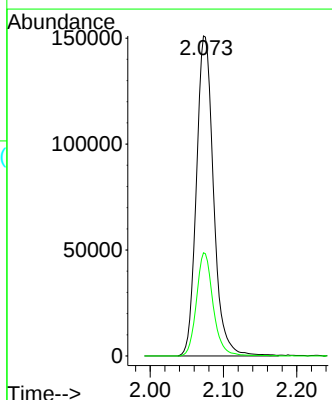
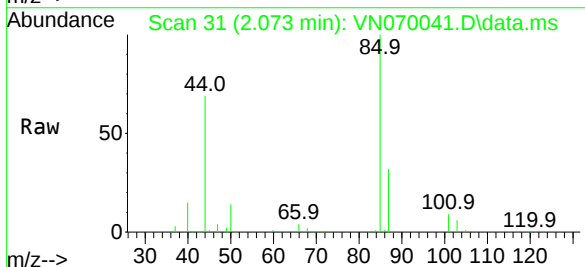
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MSVOA_N
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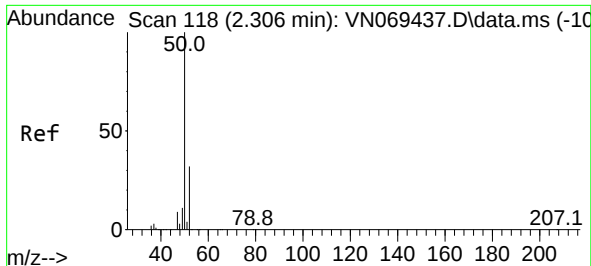
Tgt Ion:128 Resp: 163974
Ion Ratio Lower Upper
128 100
49 200.1 0.0 392.3
130 128.5 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 20.651 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 85 Resp: 245732
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7

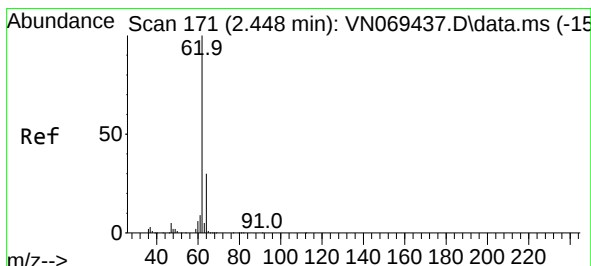
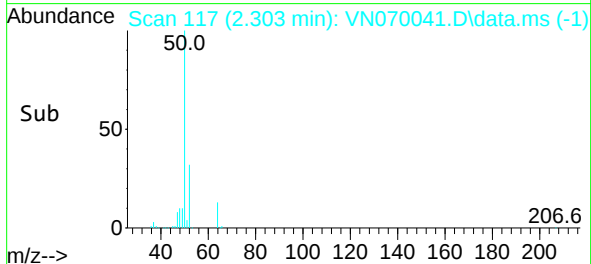
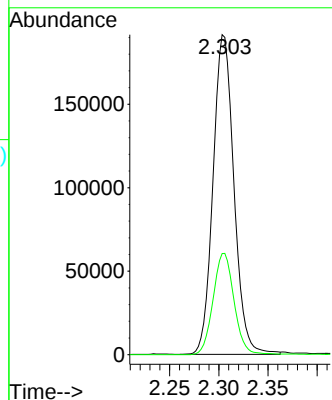
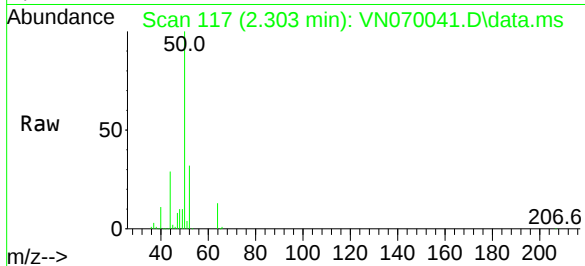




#3
Chloromethane
Concen: 20.799 ug/l
RT: 2.303 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

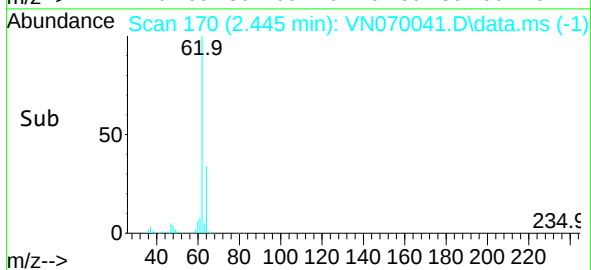
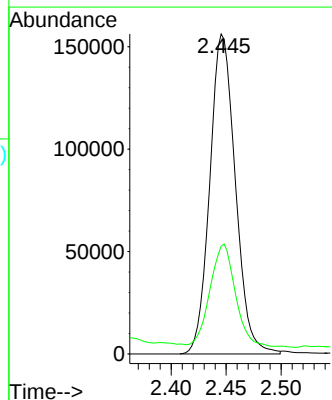
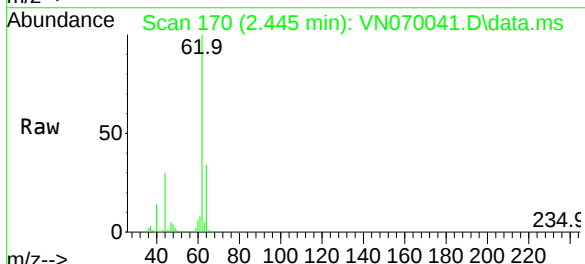
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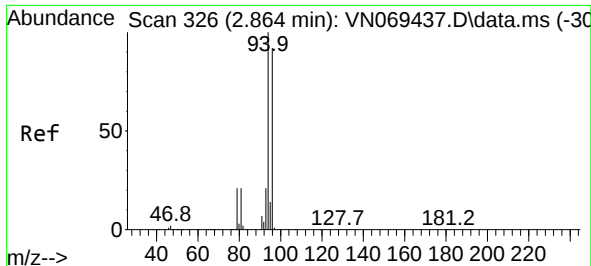
Tgt Ion: 50 Resp: 283488
Ion Ratio Lower Upper
50 100
52 31.6 27.8 41.6



#4
Vinyl Chloride
Concen: 19.734 ug/l
RT: 2.445 min Scan# 170
Delta R.T. -0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

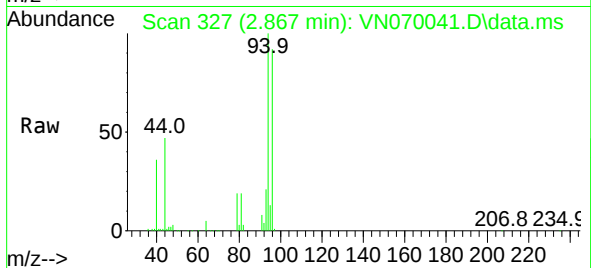
Tgt Ion: 62 Resp: 253096
Ion Ratio Lower Upper
62 100
64 31.2 25.1 37.7



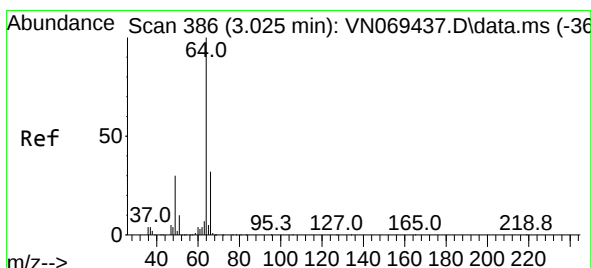
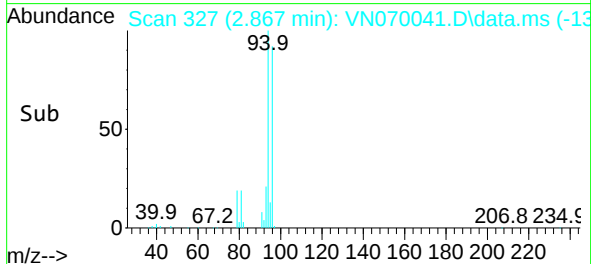
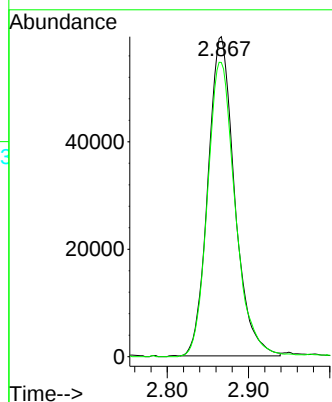


#5
Bromomethane
Concen: 19.314 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

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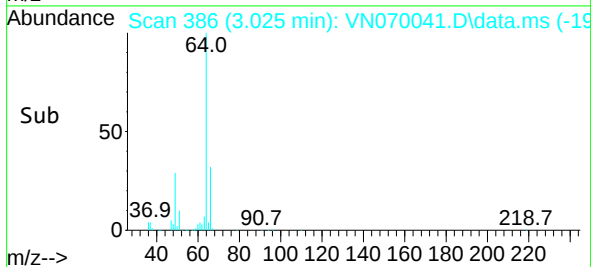
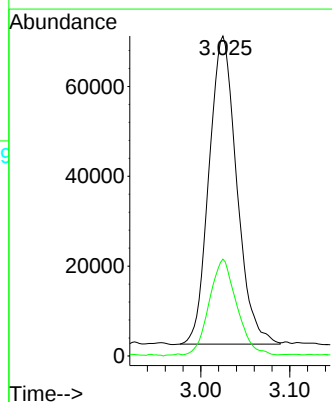
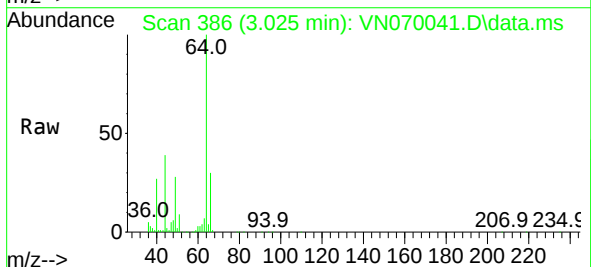


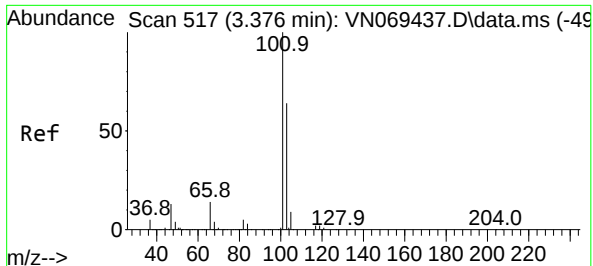
Tgt Ion: 94 Resp: 135400
Ion Ratio Lower Upper
94 100
96 91.9 75.2 112.8



#6
Chloroethane
Concen: 20.155 ug/l
RT: 3.025 min Scan# 386
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 64 Resp: 148420
Ion Ratio Lower Upper
64 100
66 31.0 24.6 36.8

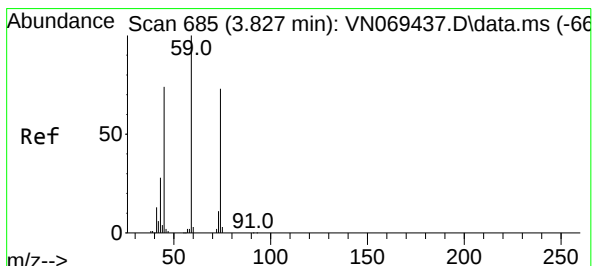
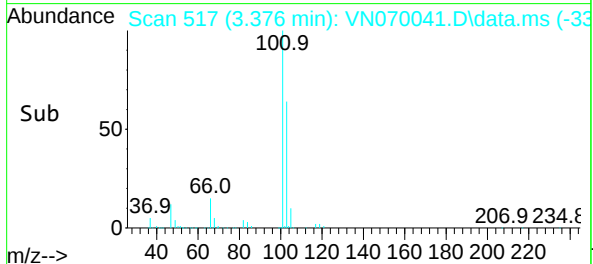
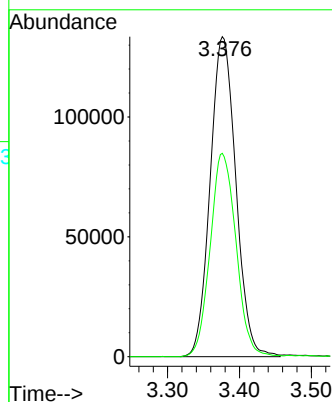
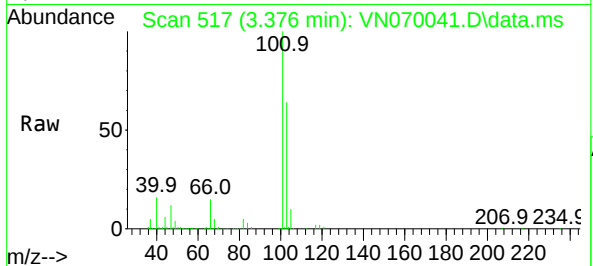




#7
 Trichlorofluoromethane
 Concen: 19.798 ug/l
 RT: 3.376 min Scan# 517
 Delta R.T. -0.003 min
 Lab File: VN070041.D
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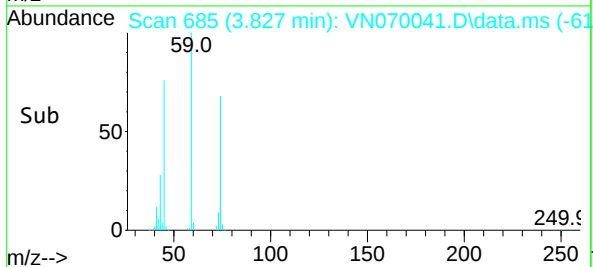
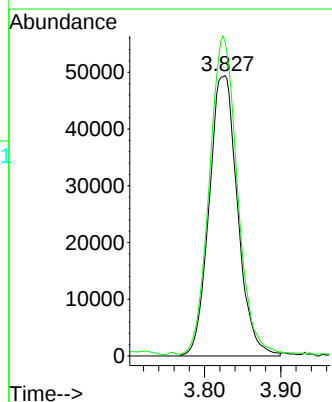
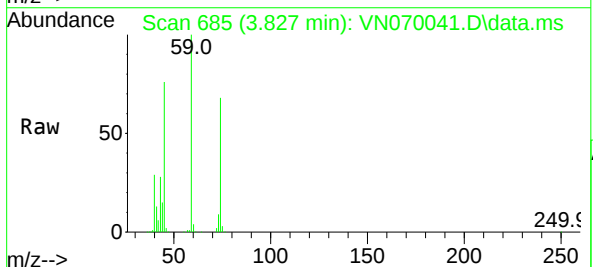
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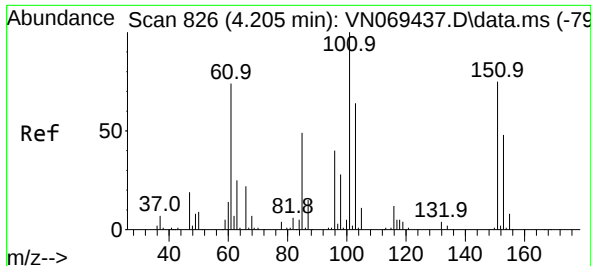
Tgt Ion:101 Resp: 331490
 Ion Ratio Lower Upper
 101 100
 103 63.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 19.228 ug/l
 RT: 3.827 min Scan# 685
 Delta R.T. -0.000 min
 Lab File: VN070041.D
 Acq: 13 Dec 2021 19:02

Tgt Ion: 74 Resp: 127747
 Ion Ratio Lower Upper
 74 100
 45 111.6 17.6 158.8

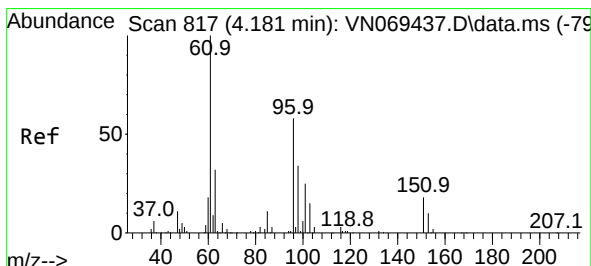
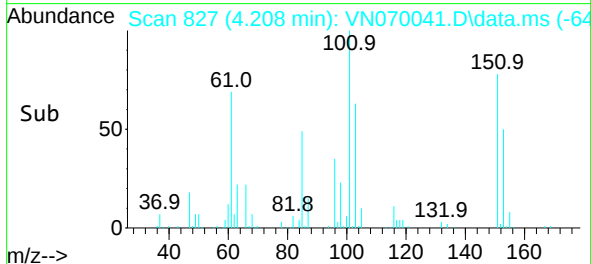
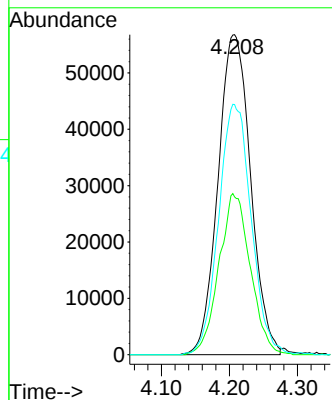
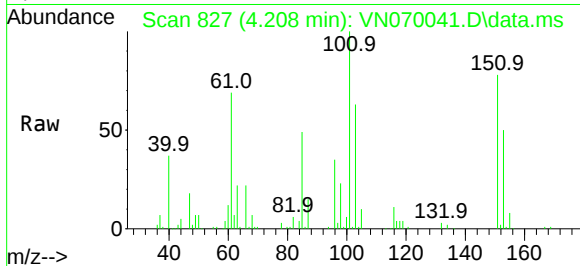




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.258 ug/l
 RT: 4.208 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VN070041.D
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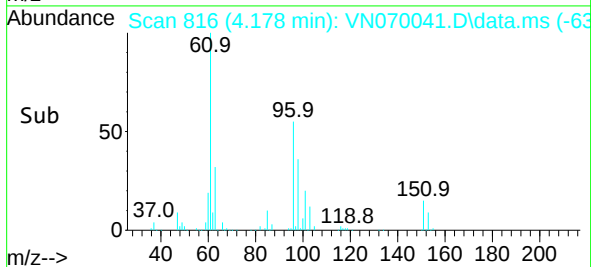
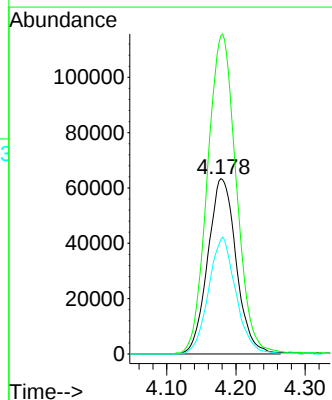
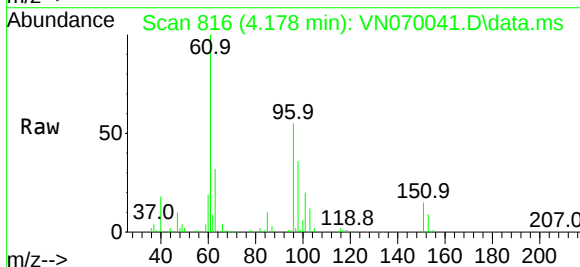
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 MSVOA_N
 ClientSampleId :

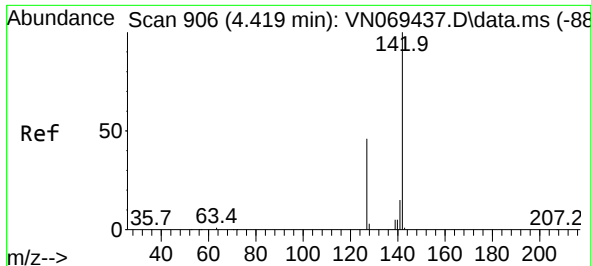
Tgt Ion:101 Resp: 189396
 Ion Ratio Lower Upper
 101 100
 85 48.5 0.0 94.0
 151 78.2 0.0 74.6#



#10
 1,1-Dichloroethene
 Concen: 19.282 ug/l
 RT: 4.178 min Scan# 816
 Delta R.T. -0.005 min
 Lab File: VN070041.D
 Acq: 13 Dec 2021 19:02

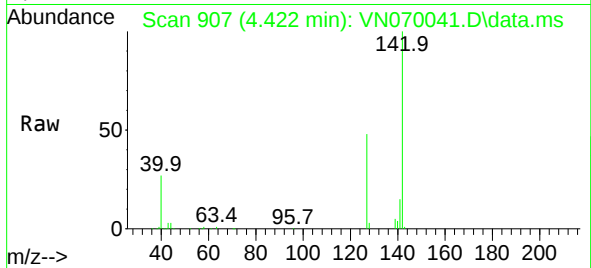
Tgt Ion: 96 Resp: 180371
 Ion Ratio Lower Upper
 96 100
 61 180.6 126.2 189.4
 98 65.0 50.9 76.3



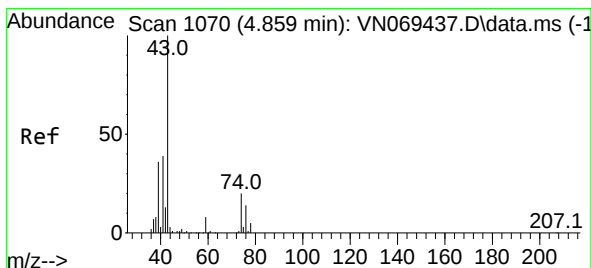
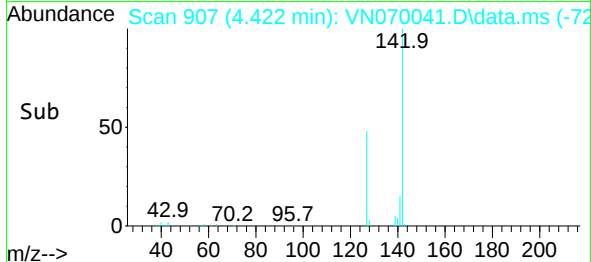
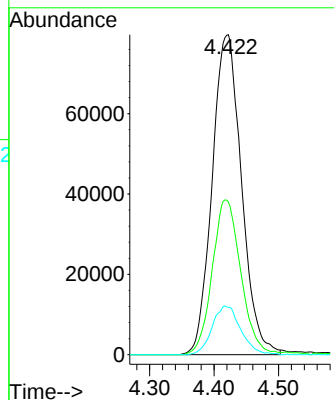


#11
Methyl Iodide
Concen: 19.261 ug/l
RT: 4.422 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Instrument :
MSVOA_N
ClientSampleId :

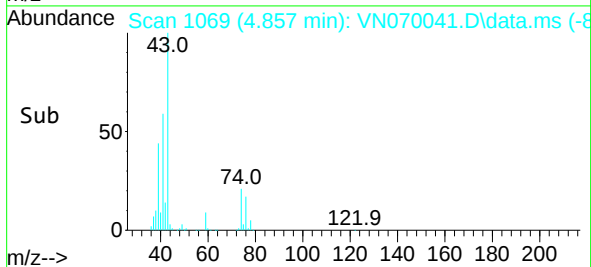
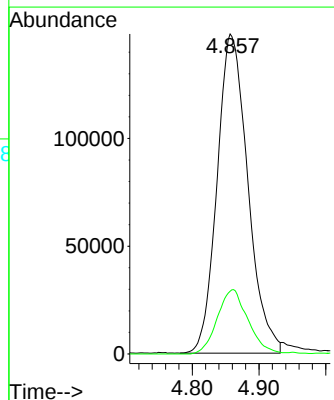
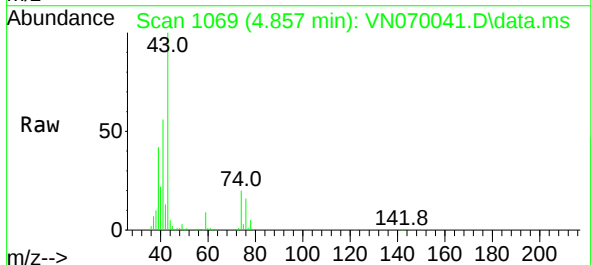


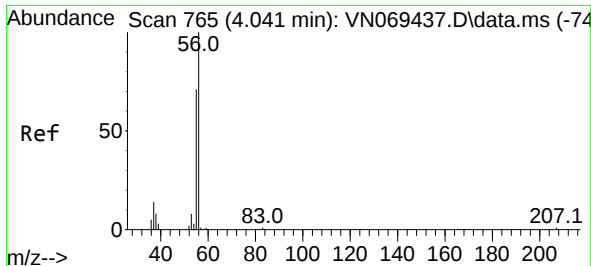
Tgt Ion:142 Resp: 252124
Ion Ratio Lower Upper
142 100
127 47.8 24.0 72.0
141 14.9 8.4 25.2



#12
Methyl Acetate
Concen: 20.528 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 43 Resp: 473022
Ion Ratio Lower Upper
43 100
74 19.7 20.8 31.2#

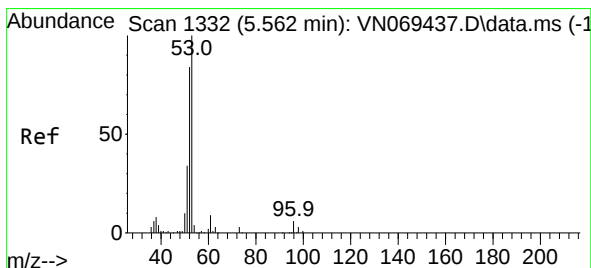
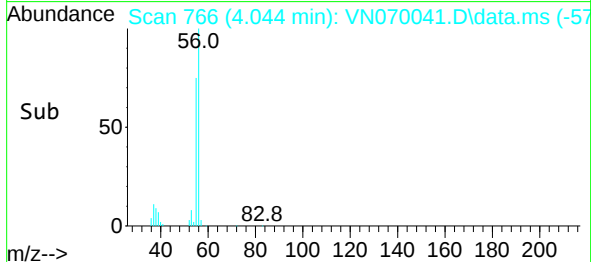
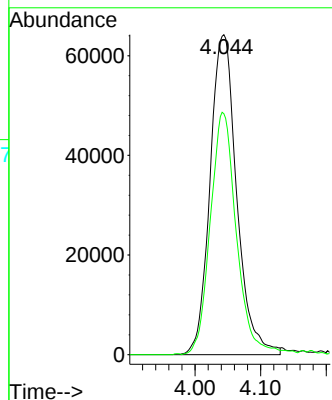
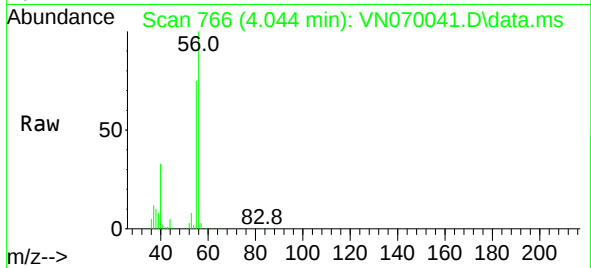




#13
Acrolein
Concen: 97.264 ug/l
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

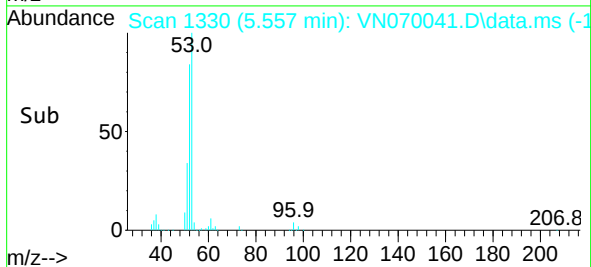
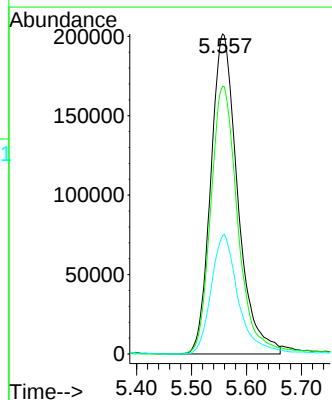
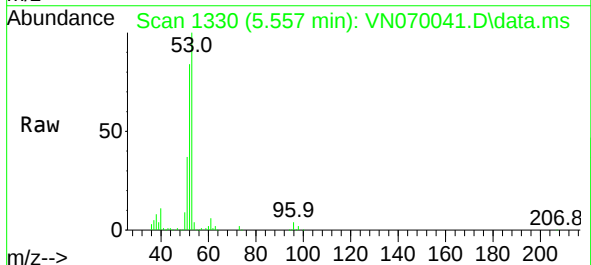
Instrument :
MSVOA_N
ClientSampleId :

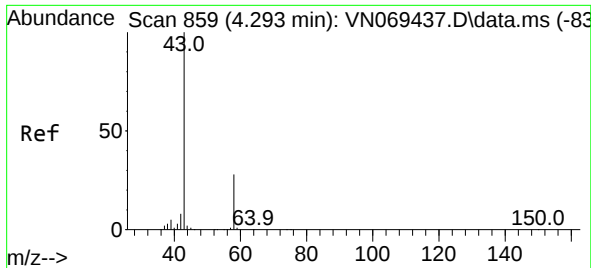
Tgt Ion: 56 Resp: 181415
Ion Ratio Lower Upper
56 100
55 73.3 57.6 86.4



#14
Acrylonitrile
Concen: 102.789 ug/l
RT: 5.557 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 53 Resp: 683872
Ion Ratio Lower Upper
53 100
52 83.9 41.8 125.4
51 37.4 19.0 57.0

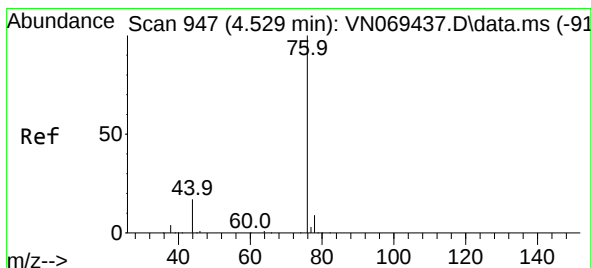
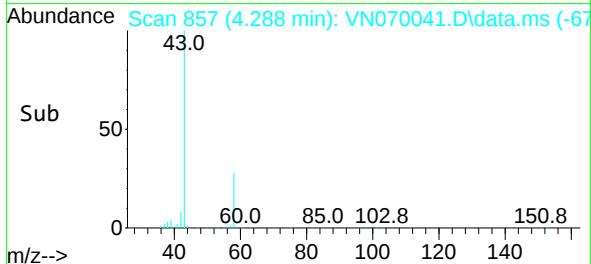
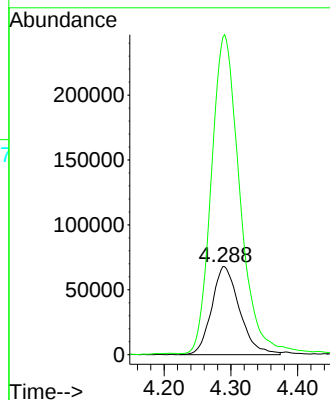
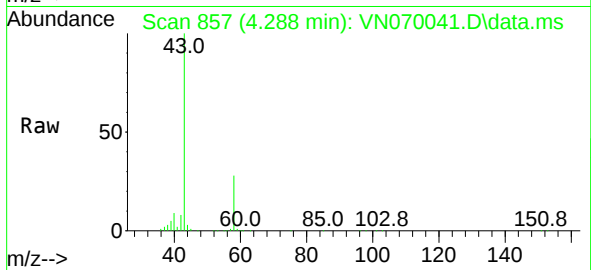




#15
Acetone
Concen: 81.577 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

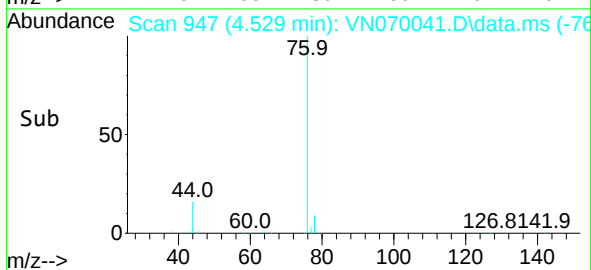
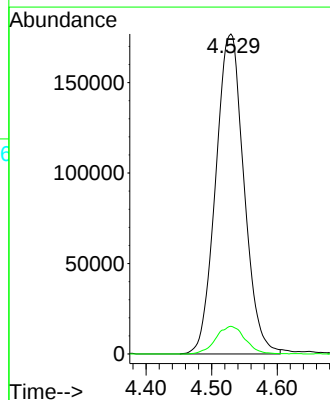
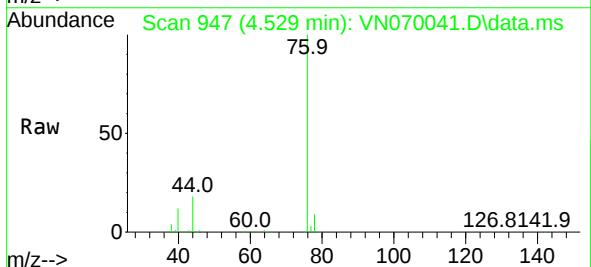
Instrument :
MSVOA_N
ClientSampleId :

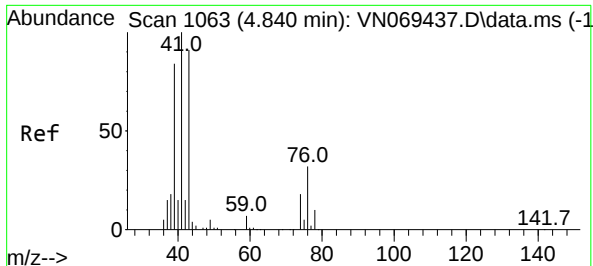
Tgt Ion: 58 Resp: 196943
Ion Ratio Lower Upper
58 100
43 359.3 256.6 384.8



#16
Carbon Disulfide
Concen: 18.778 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 76 Resp: 529287
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8





#17

Allyl chloride

Concen: 19.097 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. -0.000 min

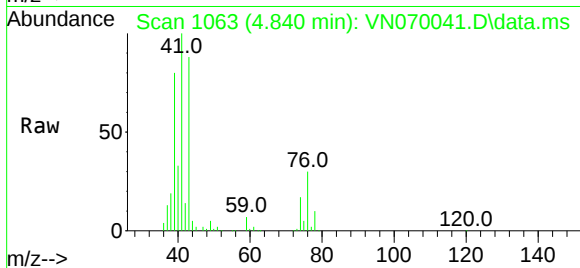
Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :



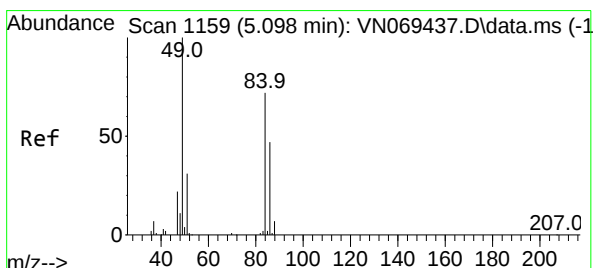
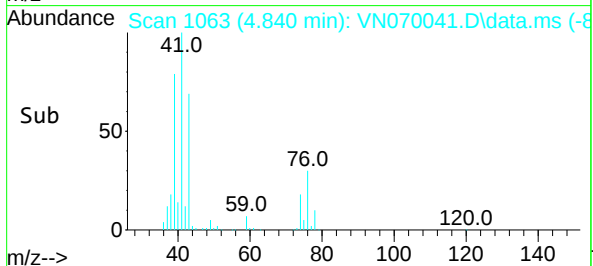
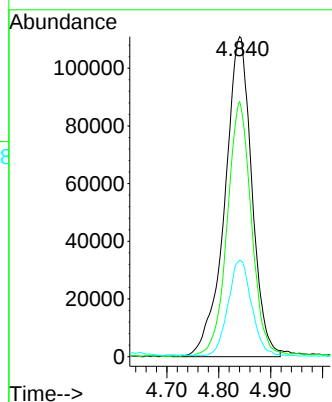
Tgt Ion: 41 Resp: 401758

Ion Ratio Lower Upper

41 100

39 79.6 44.6 134.0

76 29.6 19.6 58.7



#18

Methylene Chloride

Concen: 19.861 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. -0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Tgt Ion: 84 Resp: 223961

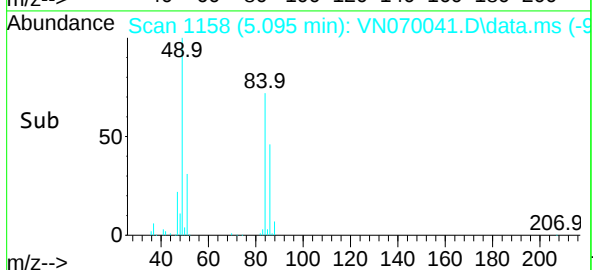
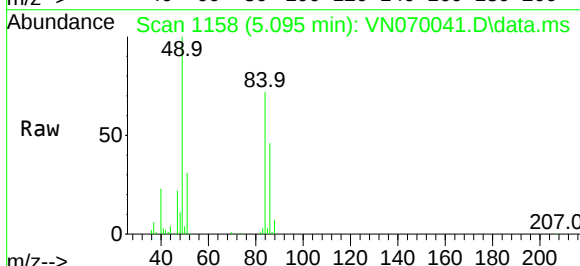
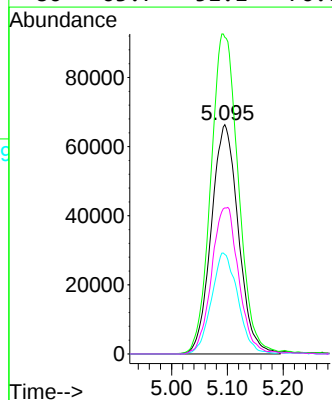
Ion Ratio Lower Upper

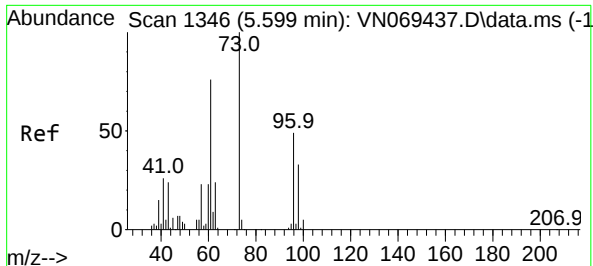
84 100

49 137.9 91.4 137.0#

51 43.4 29.4 44.0

86 63.7 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 18.948 ug/l

RT: 5.597 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :

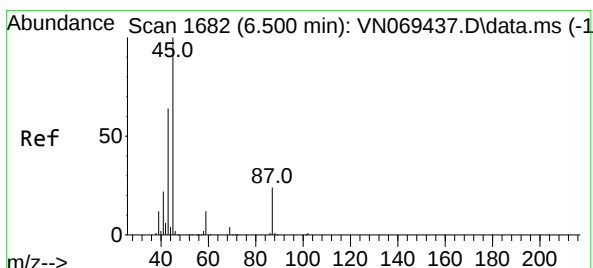
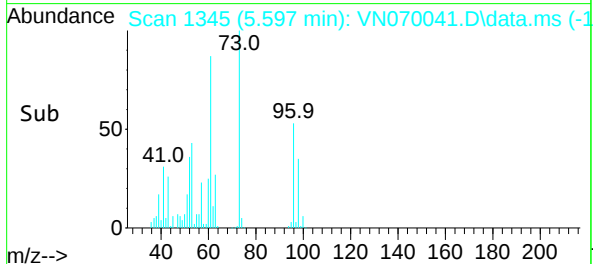
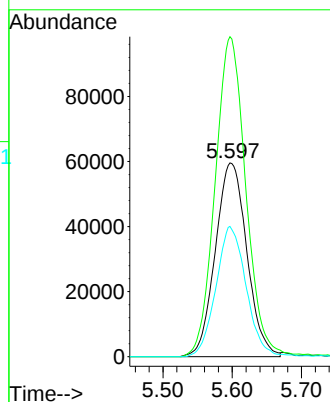
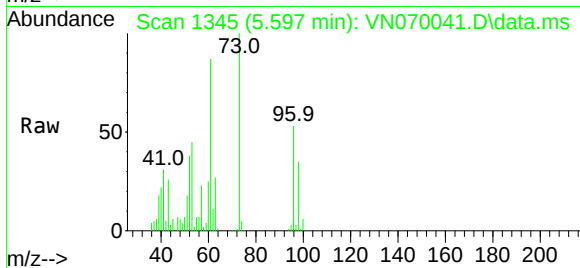
Tgt Ion: 96 Resp: 188267

Ion Ratio Lower Upper

96 100

61 165.1 102.8 154.2#

98 67.2 49.3 73.9



#20

Diisopropyl ether

Concen: 19.842 ug/l

RT: 6.501 min Scan# 1682

Delta R.T. 0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Tgt Ion: 45 Resp: 799482

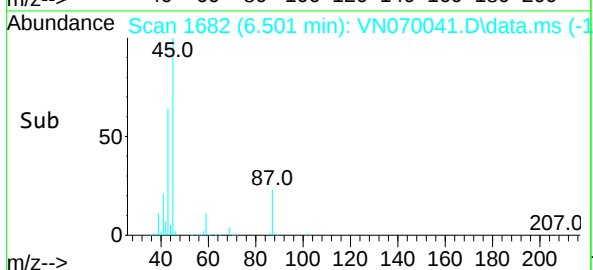
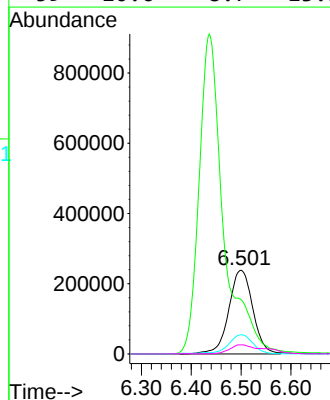
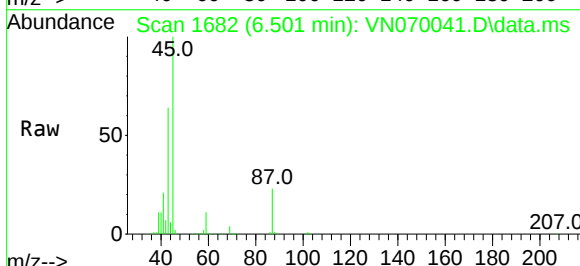
Ion Ratio Lower Upper

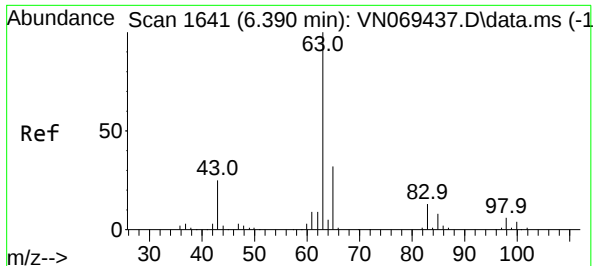
45 100

43 62.3 51.0 76.4

87 22.7 25.0 37.4#

59 10.6 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.325 ug/l

RT: 6.385 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070041.D

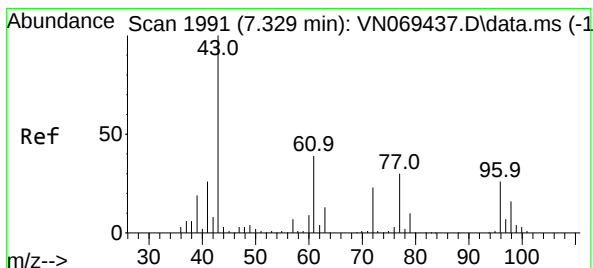
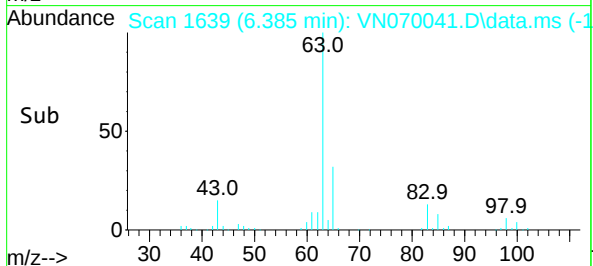
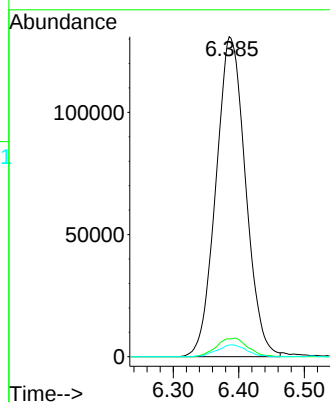
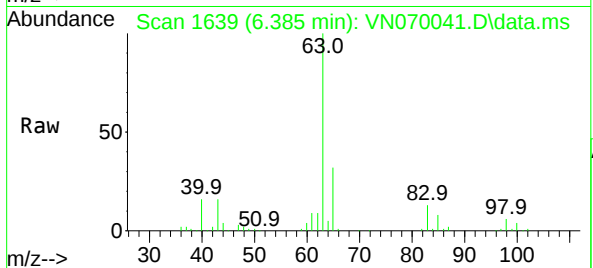
Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 63	Resp: 410462
Ion Ratio	Lower Upper
63 100	
98 5.6	3.2 9.6
100 3.6	2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 19.205 ug/l

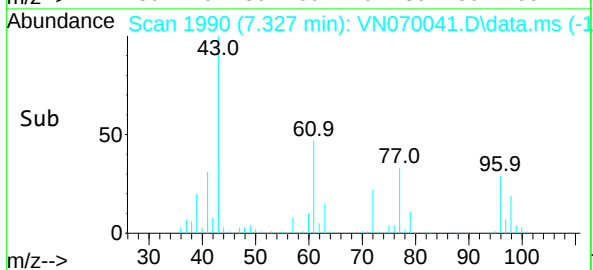
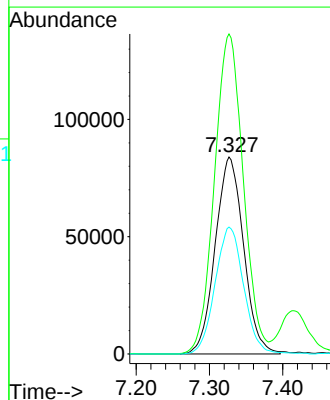
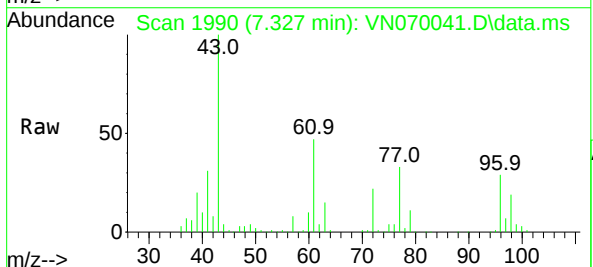
RT: 7.327 min Scan# 1990

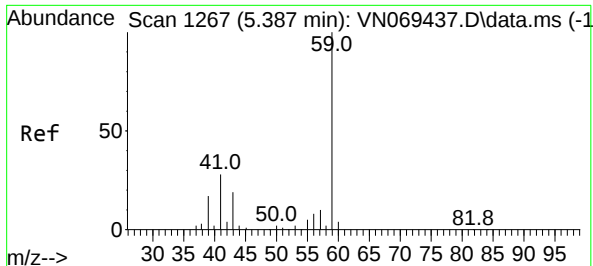
Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Tgt Ion: 96	Resp: 225858		
Ion Ratio	Lower	Upper	
96	100		
61	165.0	115.7	173.5
98	64.9	51.6	77.4





#23

tert-Butyl Alcohol

Concen: 101.380 ug/l

RT: 5.382 min Scan# 11

Delta R.T. 0.008 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

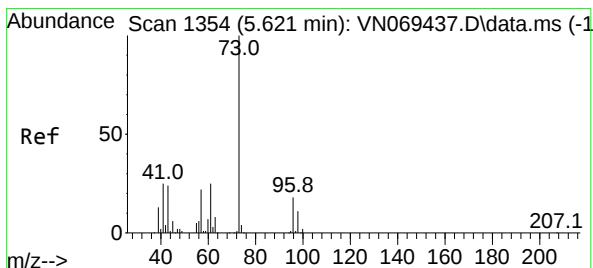
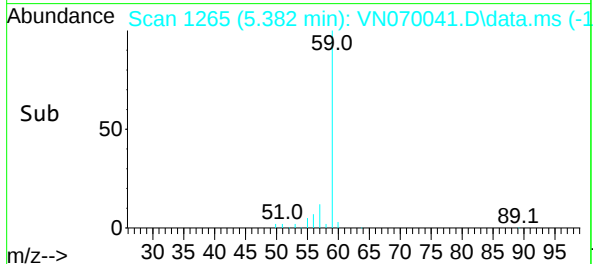
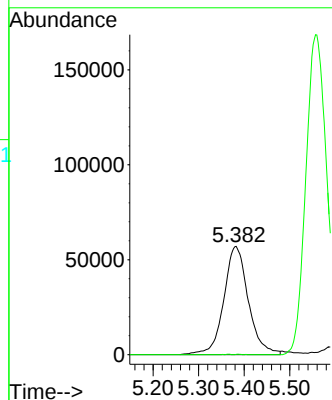
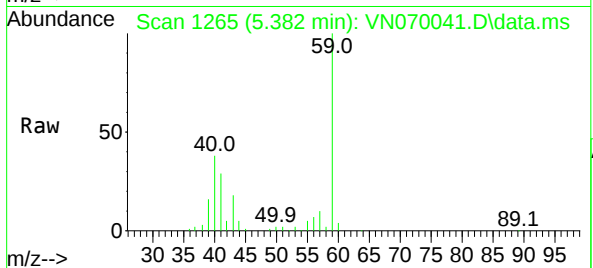
ClientSampleId :

Tgt Ion: 59 Resp: 213217

Ion Ratio Lower Upper

59 100

52 0.1 0.0 0.0#



#24

Methyl tert-Butyl Ether

Concen: 19.852 ug/l

RT: 5.618 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VN070041.D

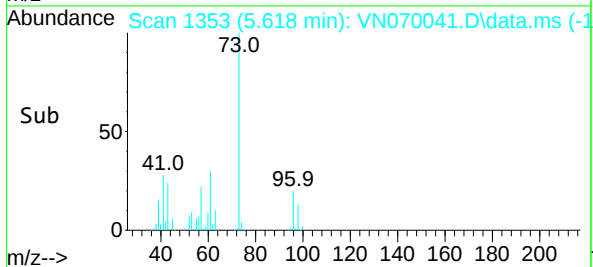
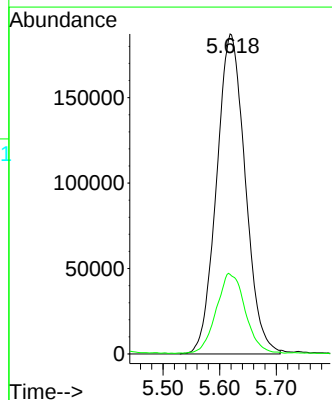
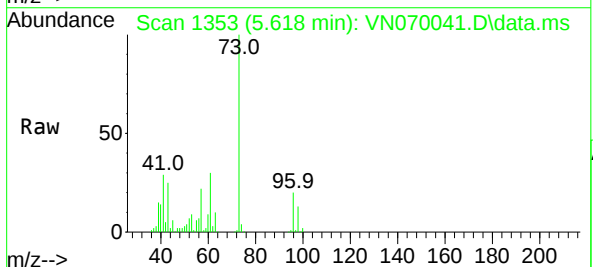
Acq: 13 Dec 2021 19:02

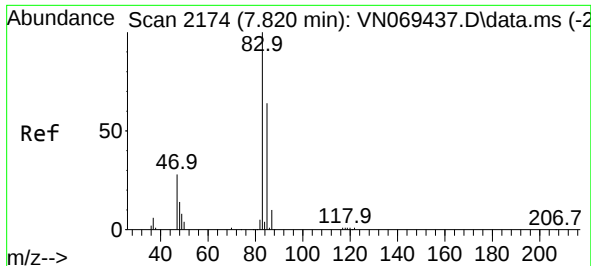
Tgt Ion: 73 Resp: 659440

Ion Ratio Lower Upper

73 100

43 25.0 18.1 27.1





#25

Chloroform

Concen: 19.765 ug/l

RT: 7.820 min Scan# 2174

Delta R.T. 0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

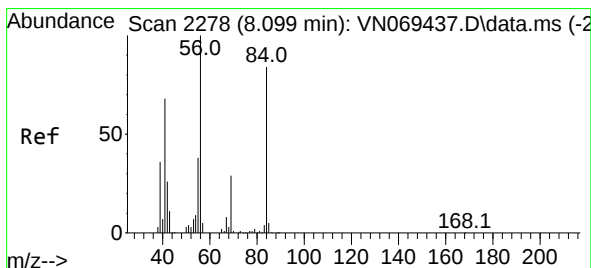
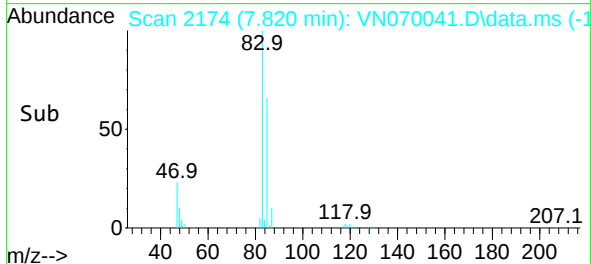
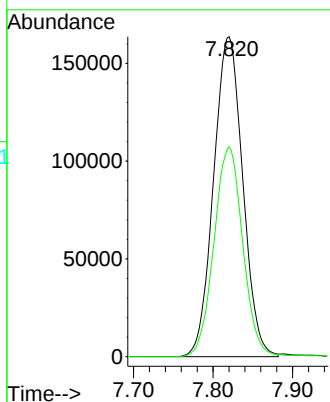
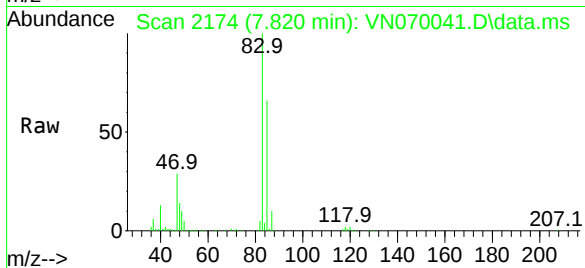
ClientSampleId :

Tgt Ion: 83 Resp: 417110

Ion Ratio Lower Upper

83 100

85 65.5 51.3 76.9



#26

Cyclohexane

Concen: 19.230 ug/l

RT: 8.094 min Scan# 2276

Delta R.T. -0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

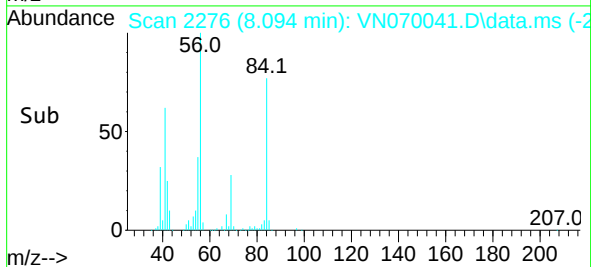
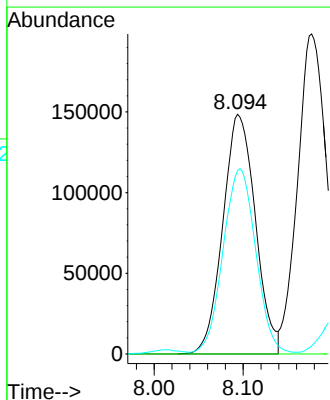
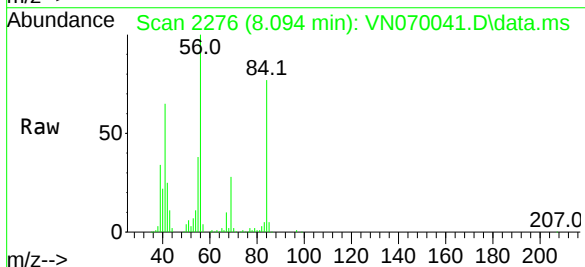
Tgt Ion: 56 Resp: 378092

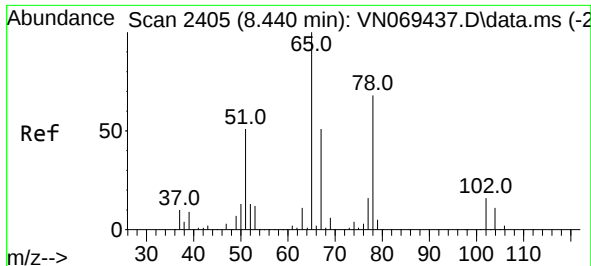
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 77.7 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.559 ug/l

RT: 8.440 min Scan# 24

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

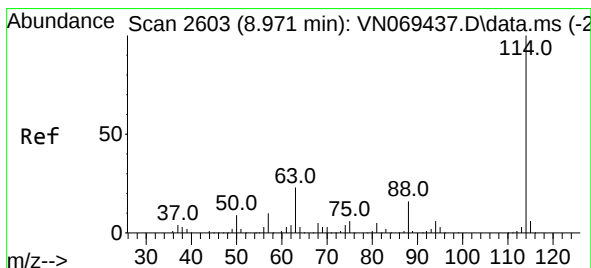
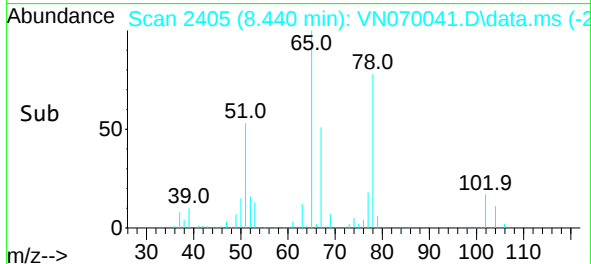
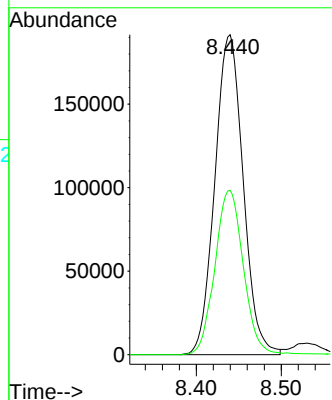
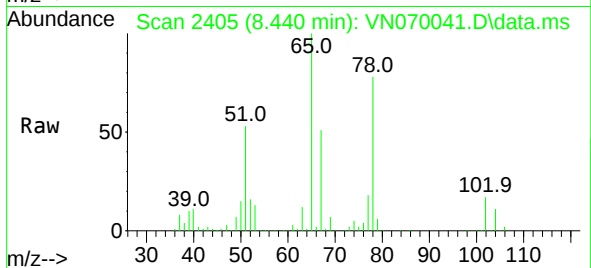
ClientSampleId :

Tgt Ion: 65 Resp: 444065

Ion Ratio Lower Upper

65 100

67 51.4 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

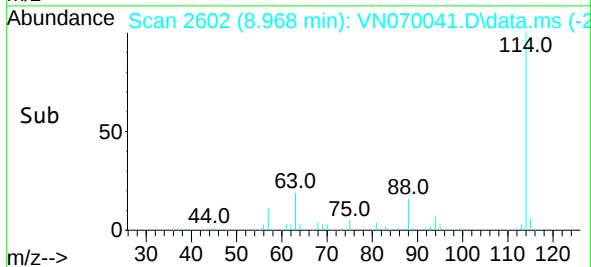
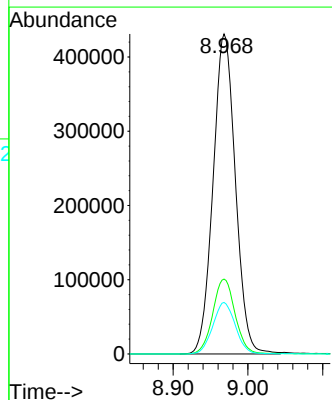
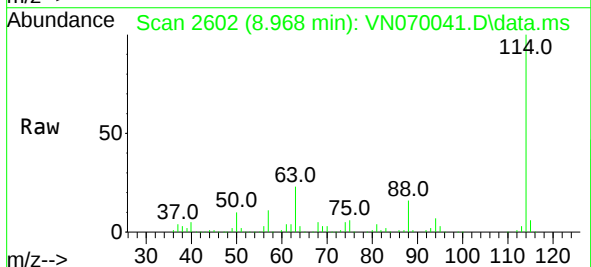
Tgt Ion: 114 Resp: 894288

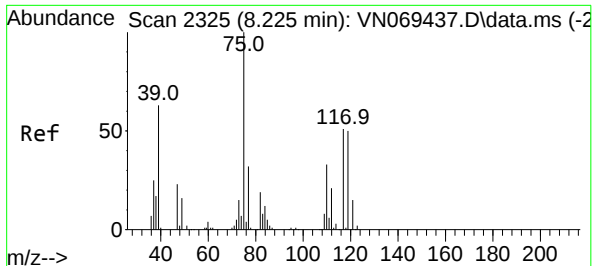
Ion Ratio Lower Upper

114 100

63 23.4 15.8 23.6

88 16.2 11.6 17.4





#29

1,1-Dichloropropene

Concen: 19.362 ug/l

RT: 8.222 min Scan# 21

Delta R.T. -0.000 min

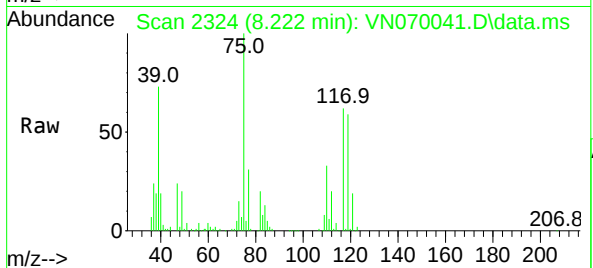
Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :



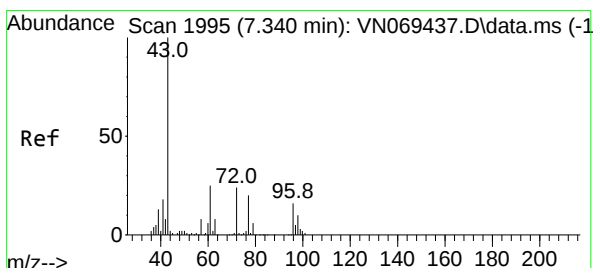
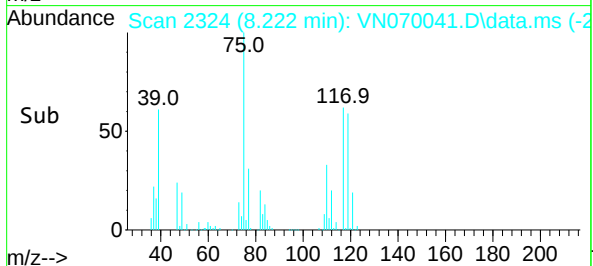
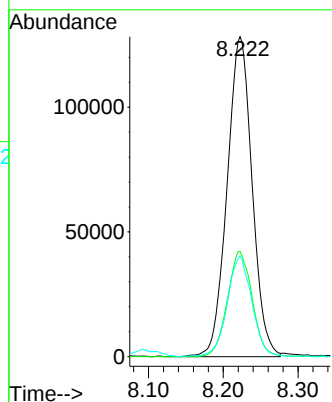
Tgt Ion: 75 Resp: 298138

Ion Ratio Lower Upper

75 100

110 32.5 0.0 74.2

77 30.7 0.0 63.2



#30

2-Butanone

Concen: 95.860 ug/l

RT: 7.340 min Scan# 1995

Delta R.T. 0.005 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

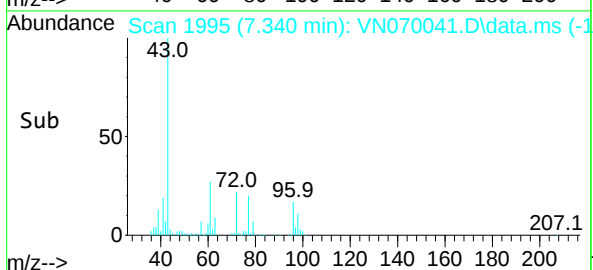
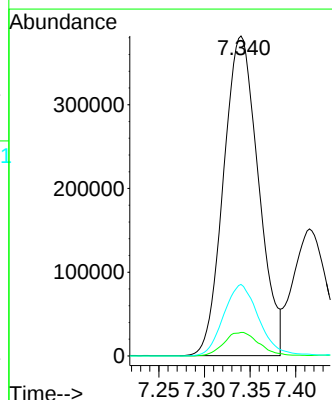
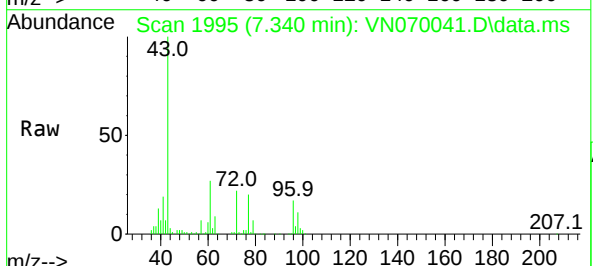
Tgt Ion: 43 Resp: 1015548

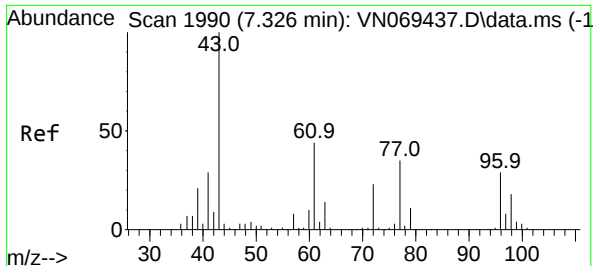
Ion Ratio Lower Upper

43 100

57 7.5 6.7 10.1

72 22.8 23.2 34.8#





#31

2,2-Dichloropropane

Concen: 18.172 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

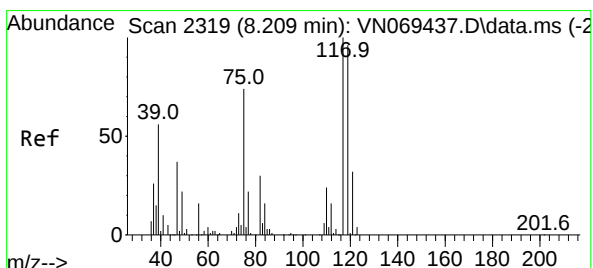
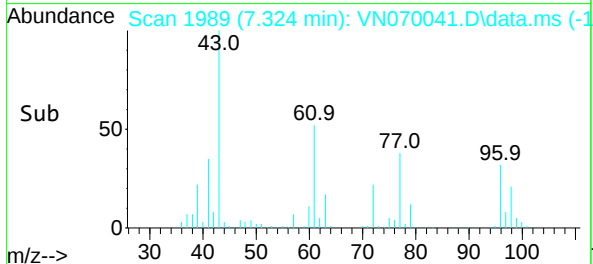
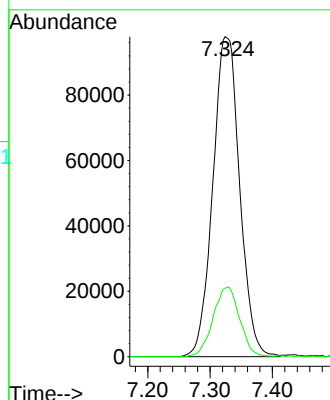
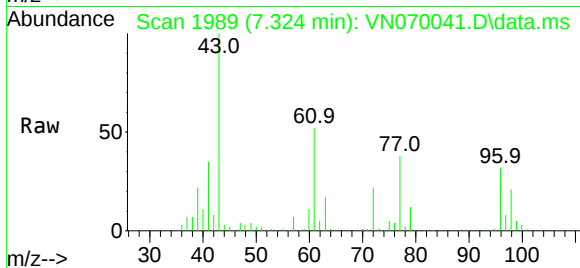
ClientSampleId :

Tgt Ion: 77 Resp: 292609

Ion Ratio Lower Upper

77 100

97 21.5 18.3 27.5



#33

Carbon Tetrachloride

Concen: 19.746 ug/l

RT: 8.204 min Scan# 2317

Delta R.T. -0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

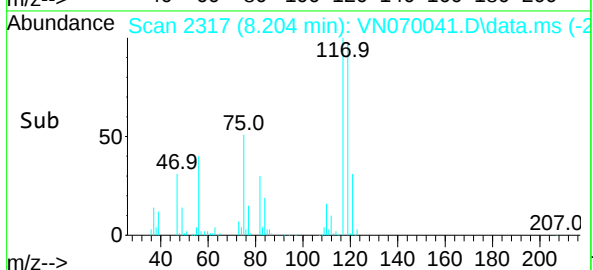
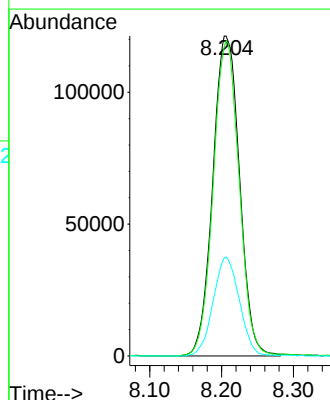
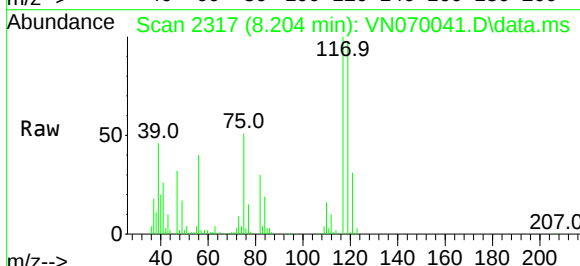
Tgt Ion: 117 Resp: 313014

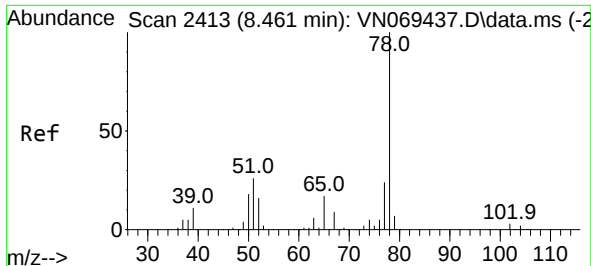
Ion Ratio Lower Upper

117 100

119 96.5 77.5 116.3

121 30.6 23.5 35.3

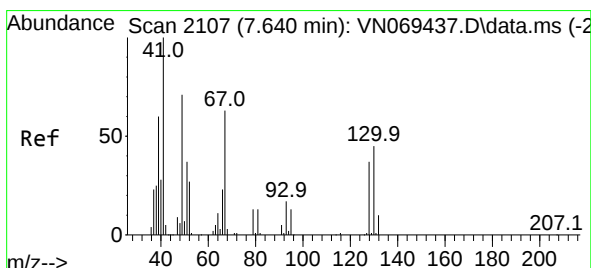
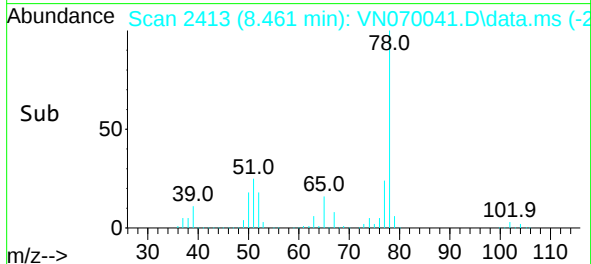
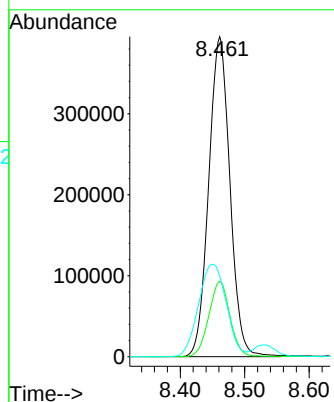
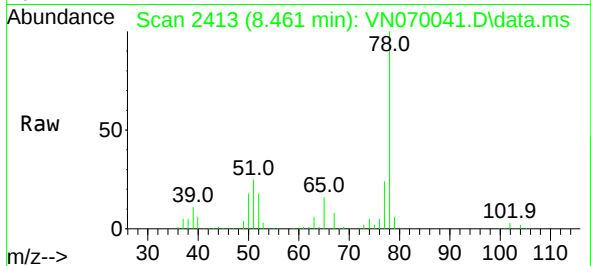




#34
Benzene
Concen: 19.844 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

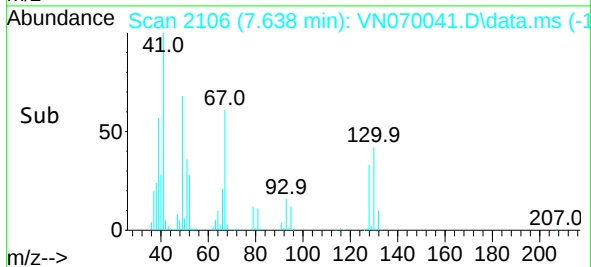
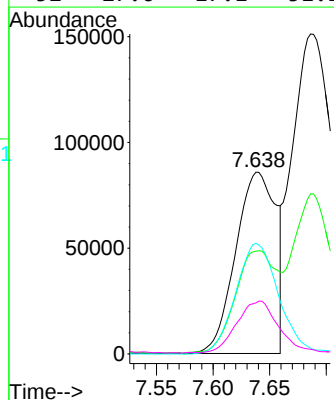
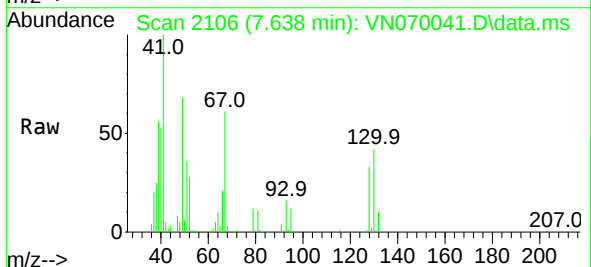
Instrument :
MSVOA_N
ClientSampleId :

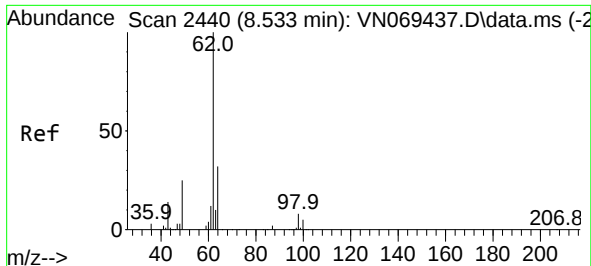
Tgt Ion: 78 Resp: 903376
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7
51 24.5 16.0 24.0#



#35
Methacrylonitrile
Concen: 21.635 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 41 Resp: 212019
Ion Ratio Lower Upper
41 100
39 55.7 28.0 83.9
67 61.0 37.7 113.1
52 27.6 17.1 51.2





#36

1,2-Dichloroethane

Concen: 19.649 ug/l

RT: 8.531 min Scan# 2440

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

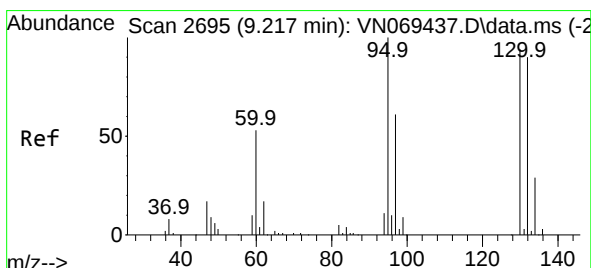
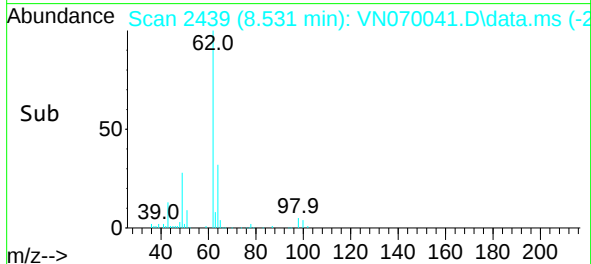
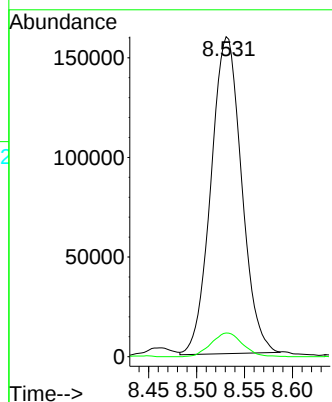
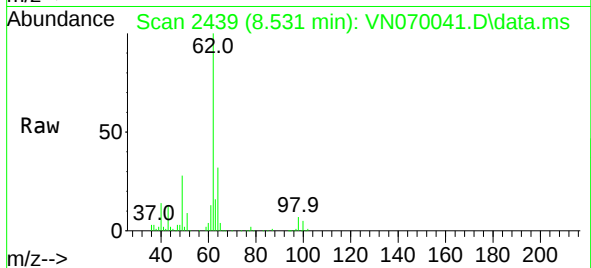
ClientSampleId :

Tgt Ion: 62 Resp: 353093

Ion Ratio Lower Upper

62 100

98 7.7 6.6 10.0



#37

Trichloroethene

Concen: 18.948 ug/l

RT: 9.217 min Scan# 2695

Delta R.T. 0.000 min

Lab File: VN070041.D

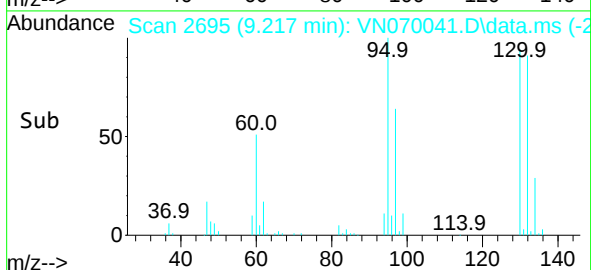
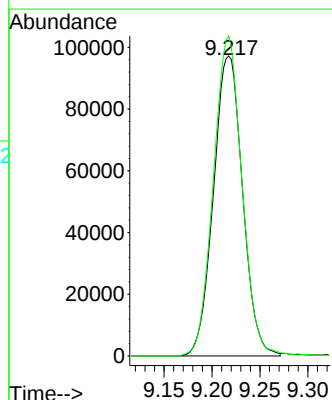
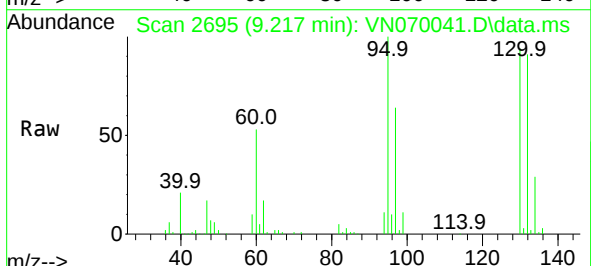
Acq: 13 Dec 2021 19:02

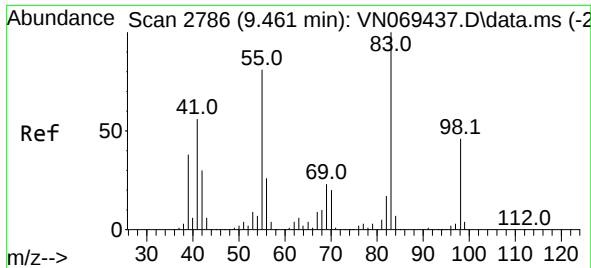
Tgt Ion:130 Resp: 205166

Ion Ratio Lower Upper

130 100

95 106.7 76.6 115.0

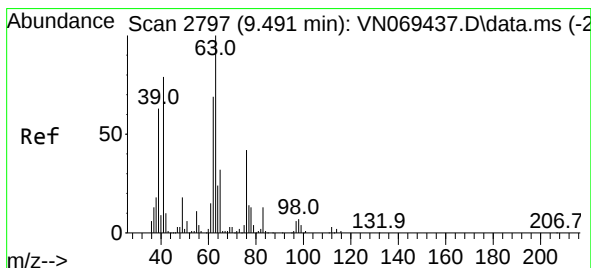
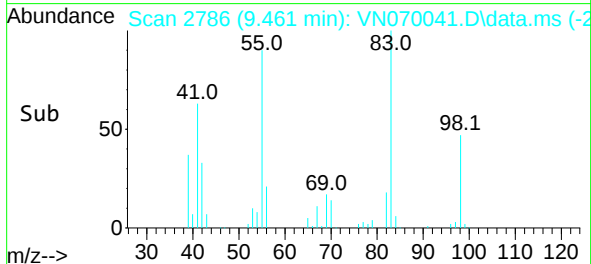
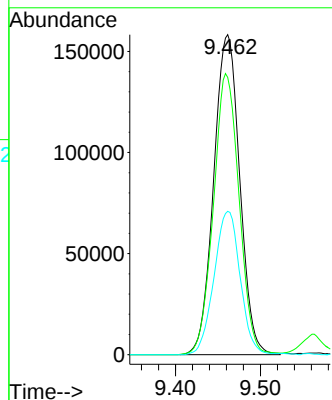
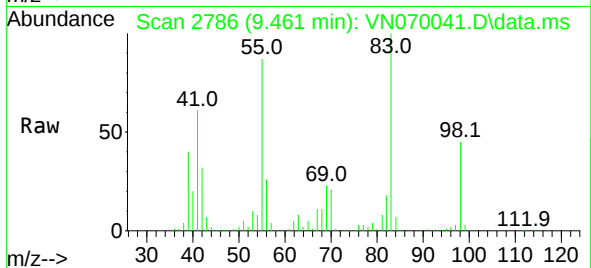




#38
Methylcyclohexane
Concen: 18.455 ug/l
RT: 9.461 min Scan# 2786
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

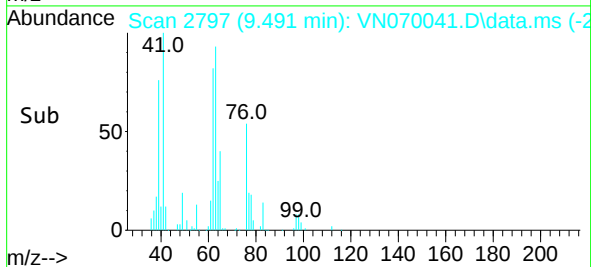
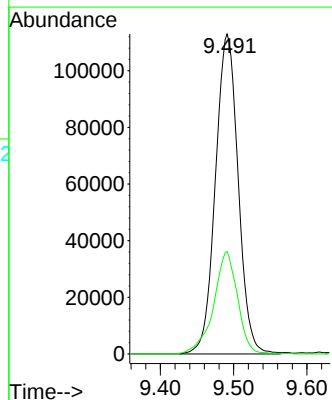
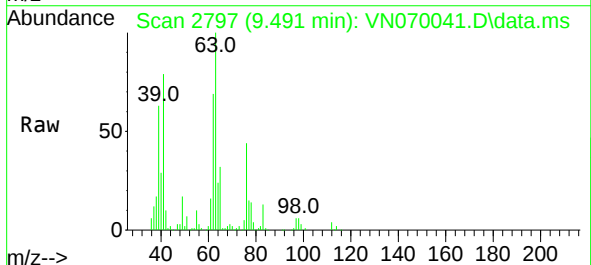
Instrument :
MSVOA_N
ClientSampleId :

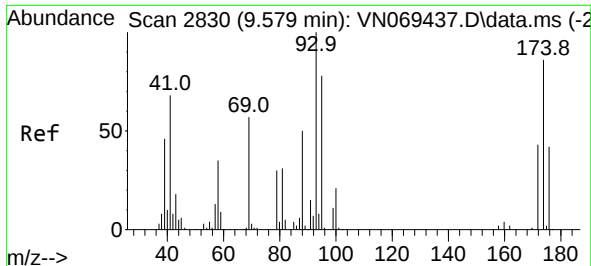
Tgt Ion: 83 Resp: 337787
Ion Ratio Lower Upper
83 100
55 86.6 35.1 105.3
98 44.8 23.4 70.2



#39
1,2-Dichloropropane
Concen: 20.072 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

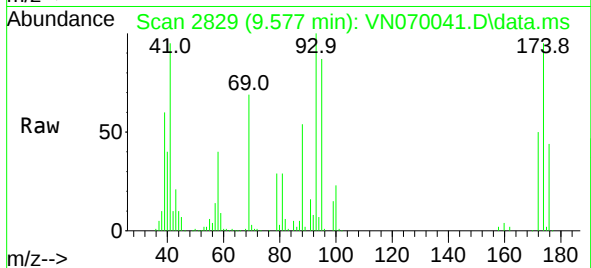
Tgt Ion: 63 Resp: 243609
Ion Ratio Lower Upper
63 100
65 31.9 24.2 36.4



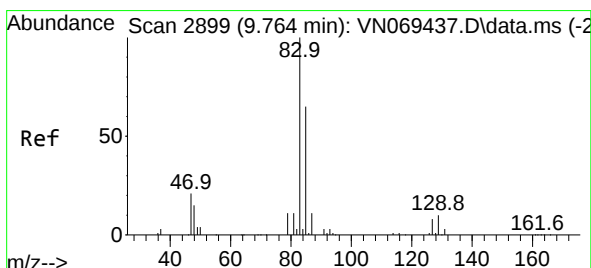
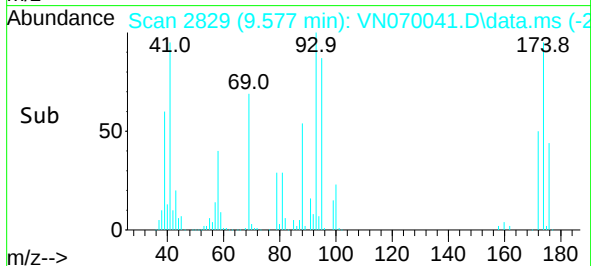
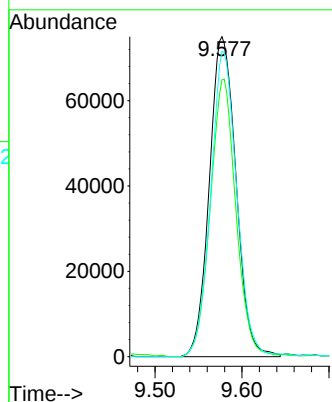


#40
Dibromomethane
Concen: 19.958 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Instrument :
MSVOA_N
ClientSampleId :

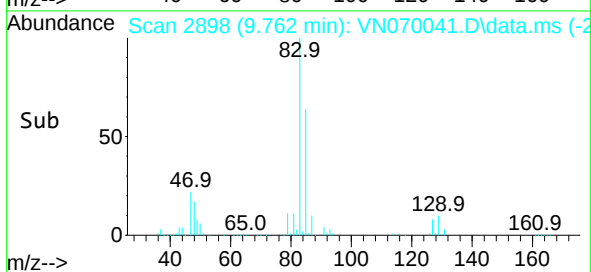
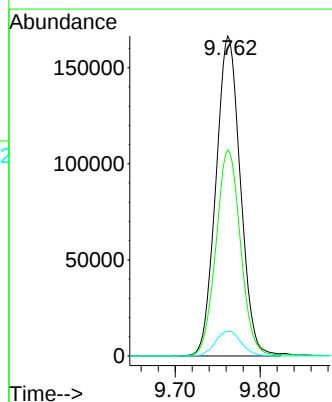
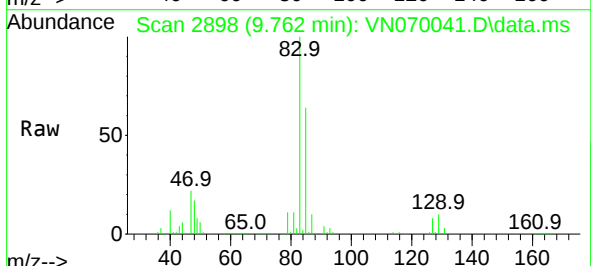


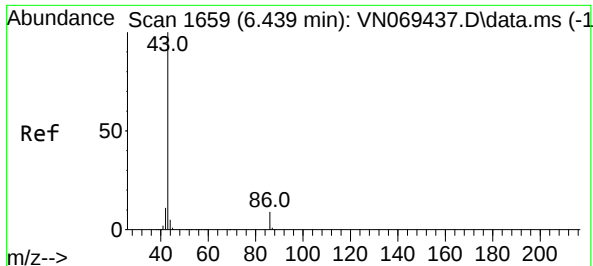
Tgt Ion: 93 Resp: 159782
Ion Ratio Lower Upper
93 100
95 83.5 0.0 168.8
174 93.5 0.0 173.6



#41
Bromodichloromethane
Concen: 19.672 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 83 Resp: 333013
Ion Ratio Lower Upper
83 100
85 64.4 54.1 81.1
127 7.7 7.6 11.4





#42

Vinyl Acetate

Concen: 88.059 ug/l

RT: 6.436 min Scan# 1

Delta R.T. 0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

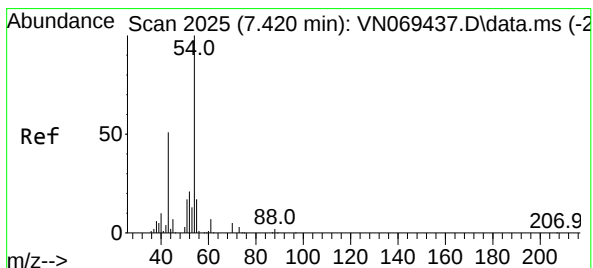
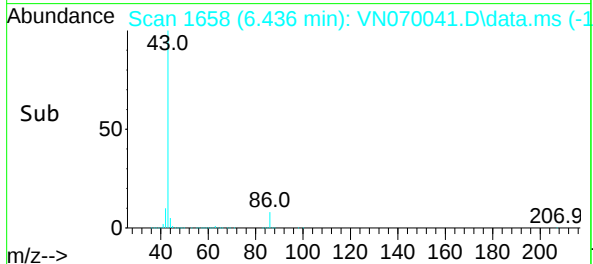
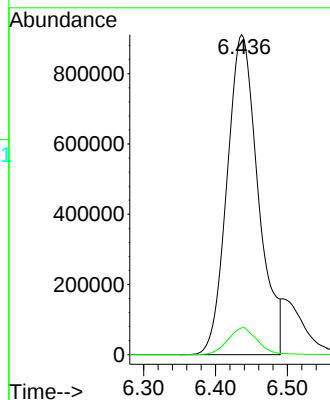
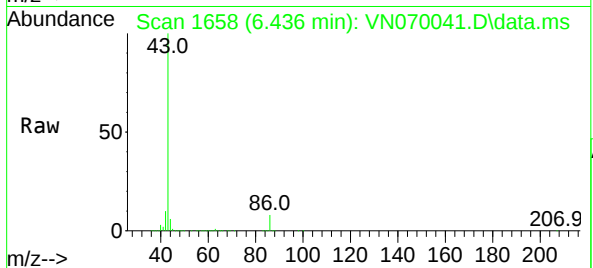
ClientSampleId :

Tgt Ion: 43 Resp: 2740460

Ion Ratio Lower Upper

43 100

86 8.0 7.5 11.3



#43

Ethyl Acetate

Concen: 20.579 ug/l

RT: 7.415 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VN070041.D

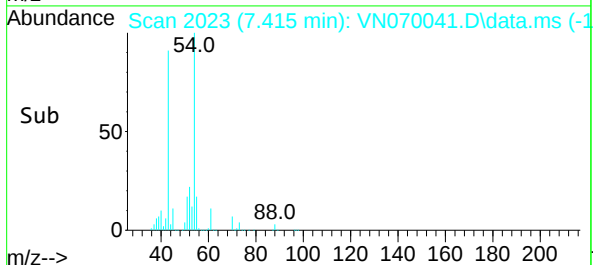
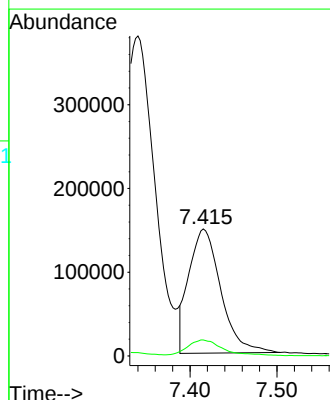
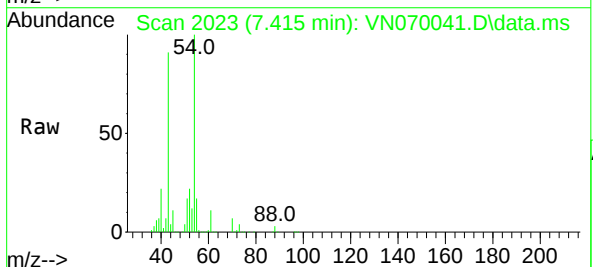
Acq: 13 Dec 2021 19:02

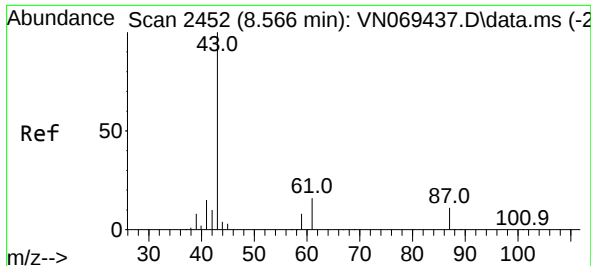
Tgt Ion: 43 Resp: 378678

Ion Ratio Lower Upper

43 100

45 13.8 10.6 16.0

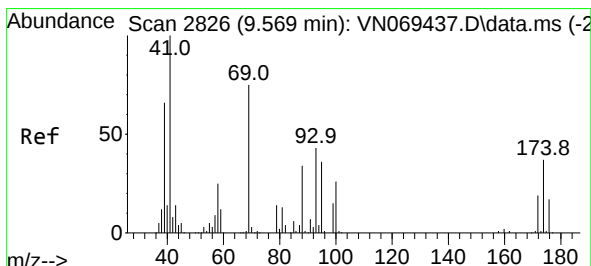
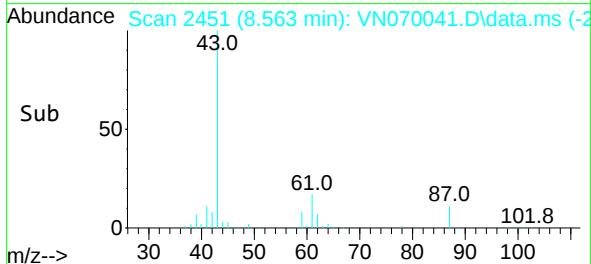
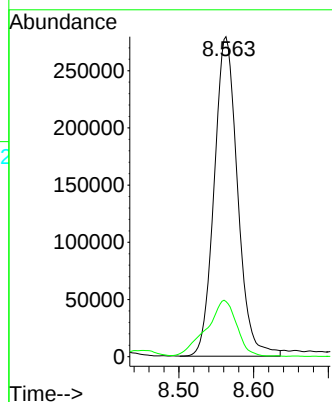
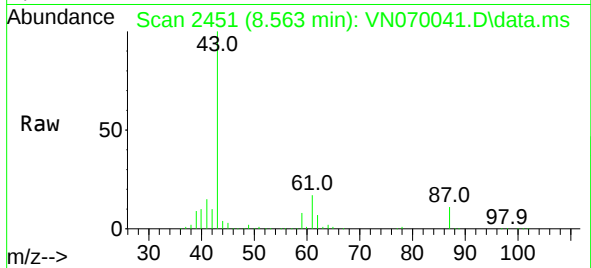




#44
Isopropyl Acetate
Concen: 20.480 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

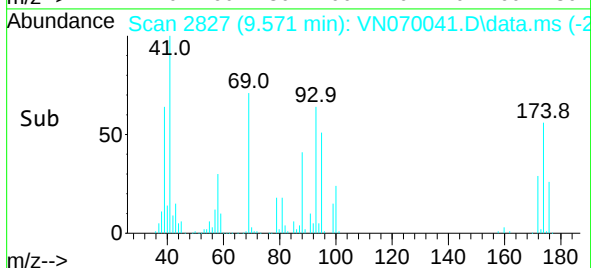
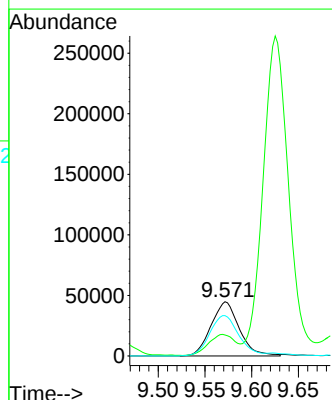
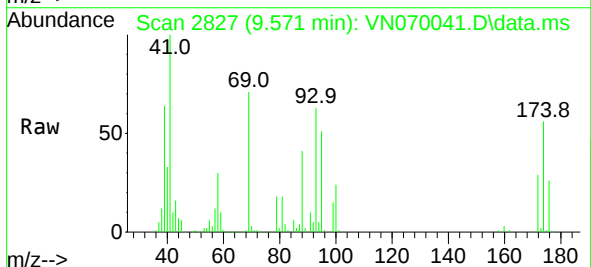
Instrument :
MSVOA_N
ClientSampleId :

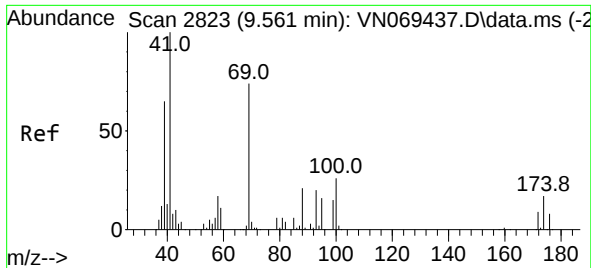
Tgt Ion: 43 Resp: 606631
Ion Ratio Lower Upper
43 100
61 22.3 20.1 30.1



#45
1,4-Dioxane
Concen: 448.846 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 88 Resp: 94080
Ion Ratio Lower Upper
88 100
43 36.3 25.0 37.6
58 76.3 49.4 74.2#

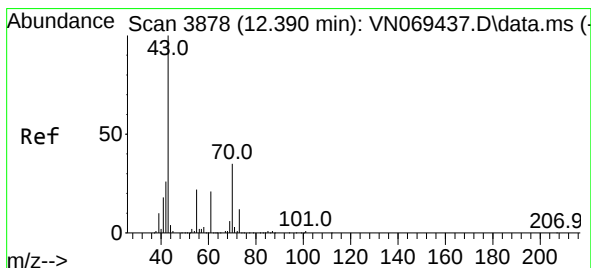
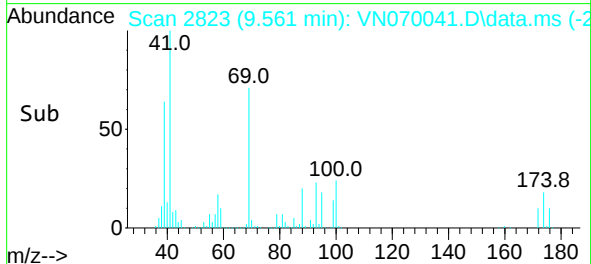
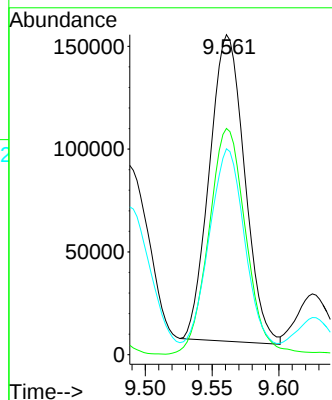
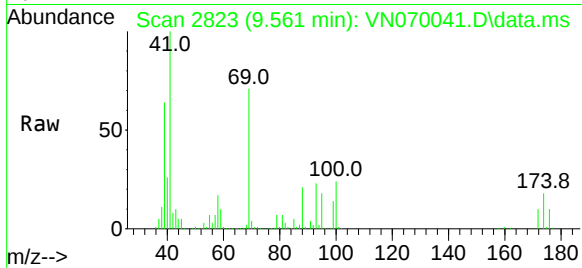




#46
Methyl methacrylate
Concen: 19.414 ug/l
RT: 9.561 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

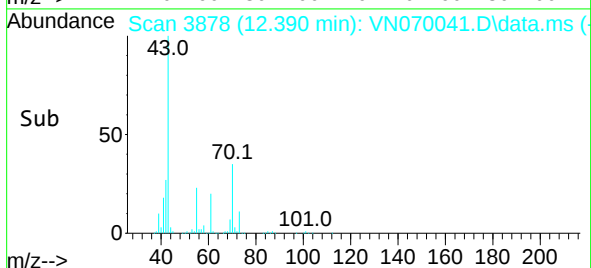
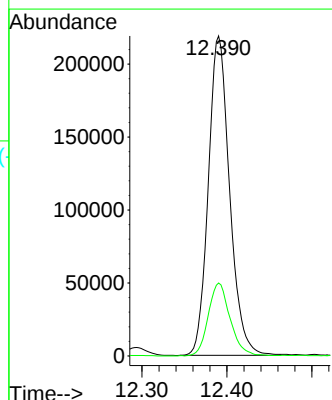
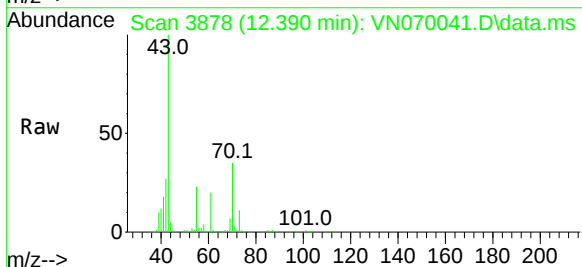
Instrument :
MSVOA_N
ClientSampleId :

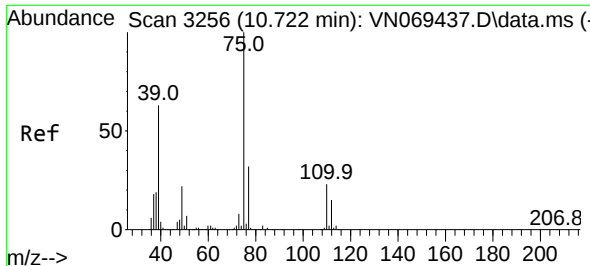
Tgt Ion: 41 Resp: 272337
Ion Ratio Lower Upper
41 100
69 73.0 44.4 133.2
39 64.0 39.9 119.6



#47
n-amy1 Acetate
Concen: 18.430 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 43 Resp: 380680
Ion Ratio Lower Upper
43 100
55 23.5 19.0 28.6

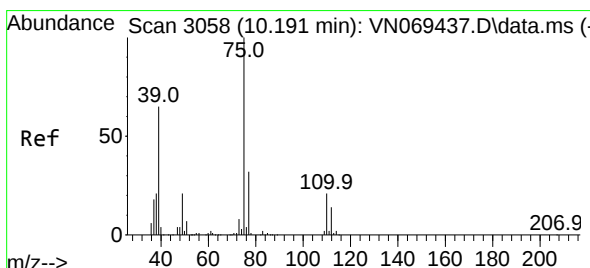
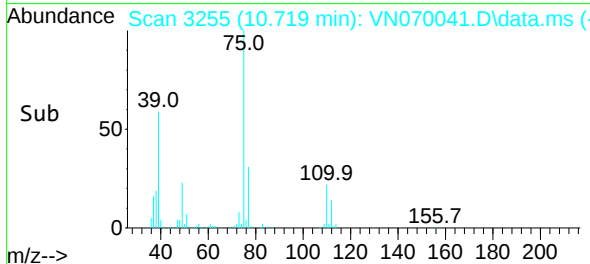
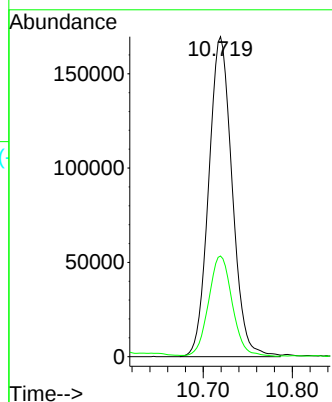
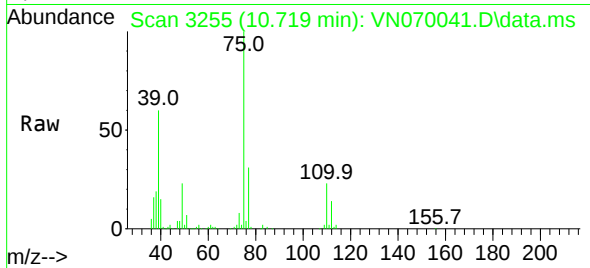




#48
 t-1,3-Dichloropropene
 Concen: 18.221 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN070041.D
 Acq: 13 Dec 2021 19:02

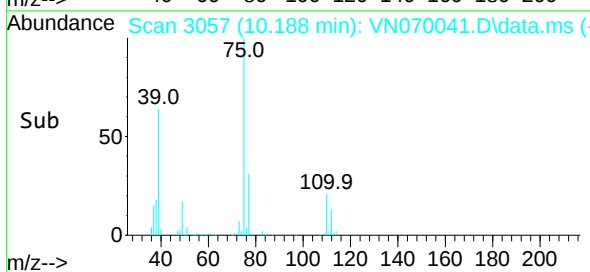
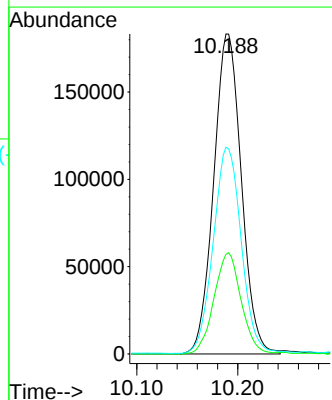
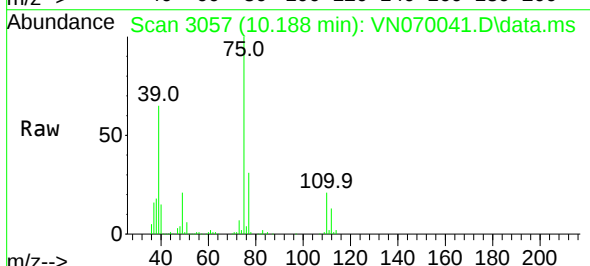
Instrument :
 MSVOA_N
 ClientSampleId :

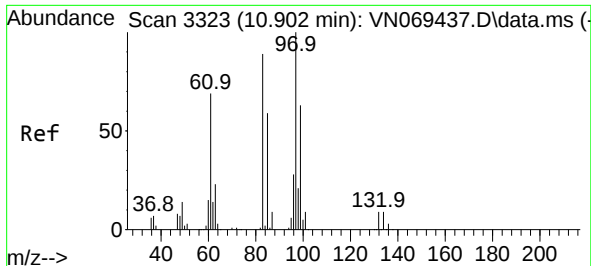
Tgt Ion: 75 Resp: 310233
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#49
 cis-1,3-Dichloropropene
 Concen: 18.877 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. -0.000 min
 Lab File: VN070041.D
 Acq: 13 Dec 2021 19:02

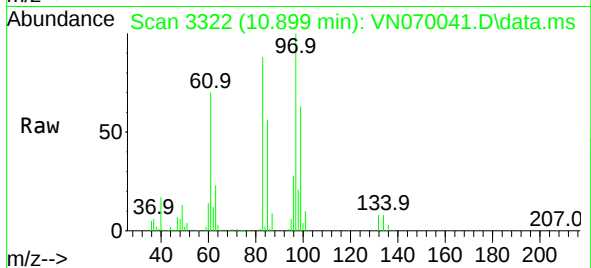
Tgt Ion: 75 Resp: 348797
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9
 39 64.4 46.2 69.4



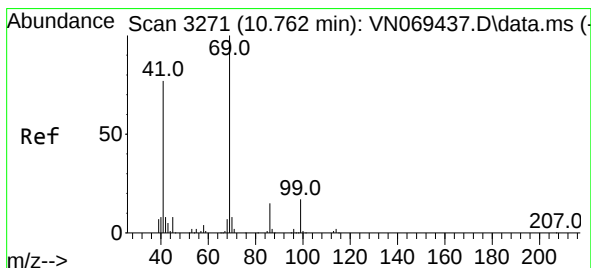
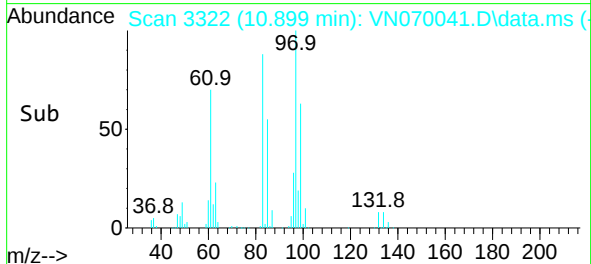
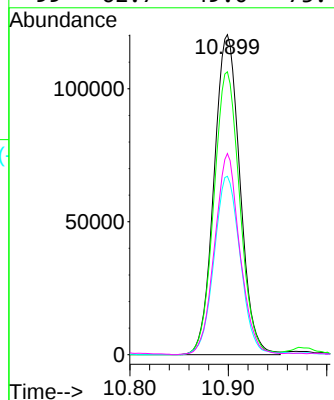


#50
1,1,2-Trichloroethane
Concen: 20.294 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Instrument :
MSVOA_N
ClientSampleId :

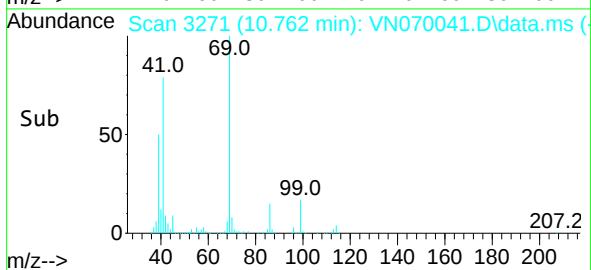
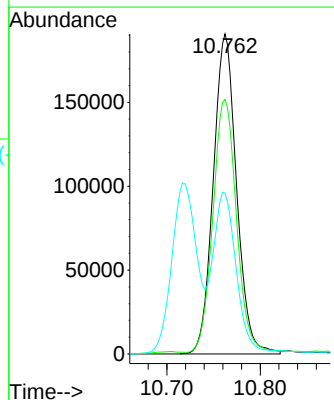
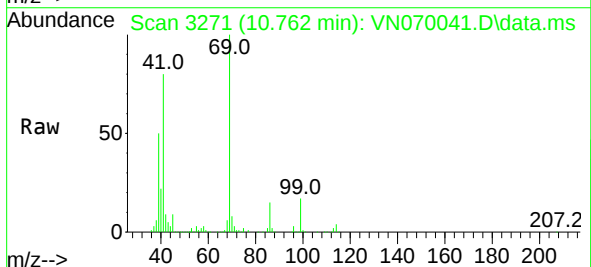


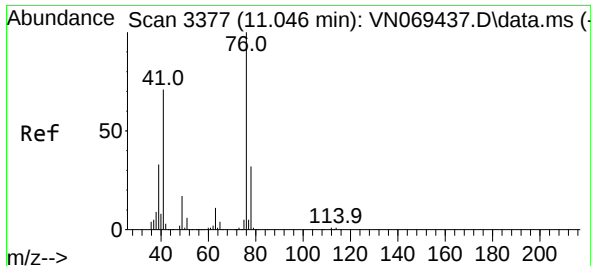
Tgt Ion: 97 Resp: 220833
Ion Ratio Lower Upper
97 100
83 88.4 67.2 100.8
85 55.7 43.0 64.4
99 62.7 49.0 73.4



#51
Ethyl methacrylate
Concen: 19.013 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 69 Resp: 330674
Ion Ratio Lower Upper
69 100
41 79.0 33.0 98.9
39 49.3 25.4 76.4

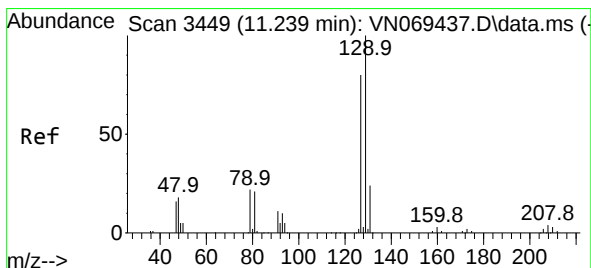
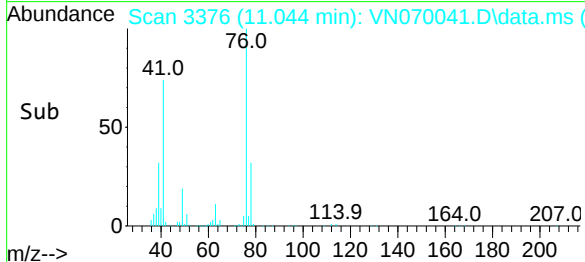
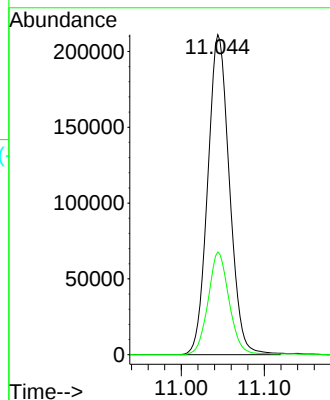
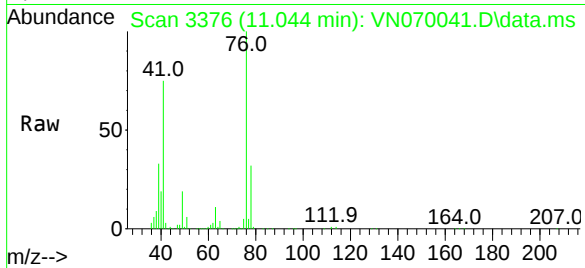




#52
1,3-Dichloropropane
Concen: 19.872 ug/l
RT: 11.044 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

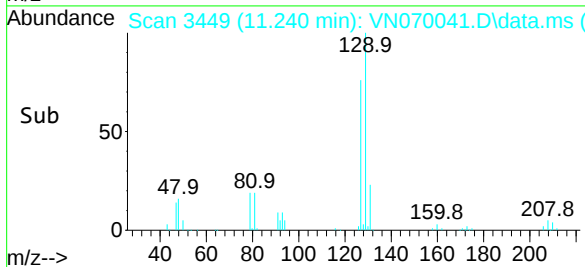
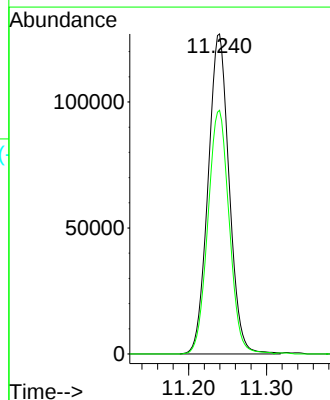
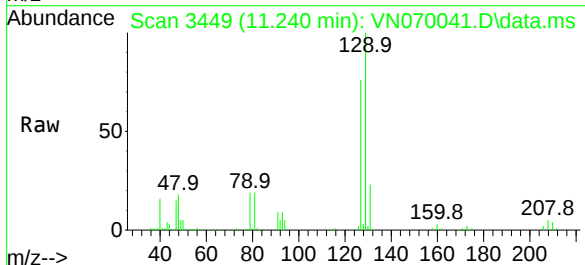
Instrument :
MSVOA_N
ClientSampleId :

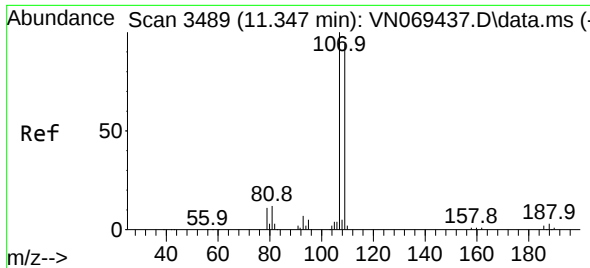
Tgt Ion: 76 Resp: 382883
Ion Ratio Lower Upper
76 100
78 31.1 0.0 65.4



#53
Dibromochloromethane
Concen: 19.523 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

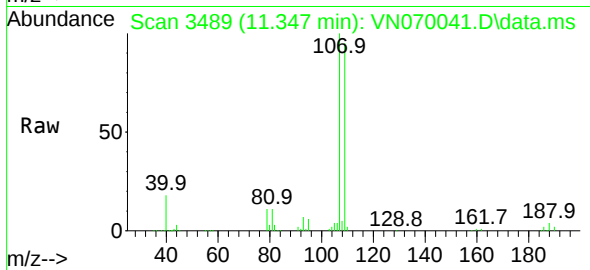
Tgt Ion: 129 Resp: 238643
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0



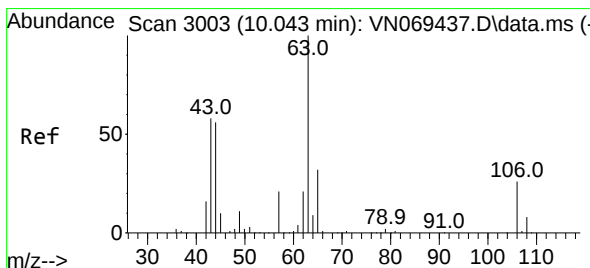
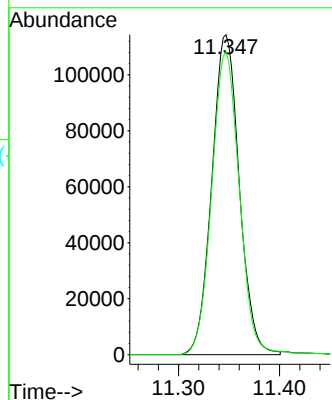
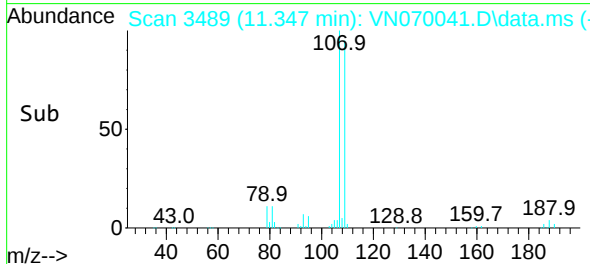


#54
1,2-Dibromoethane
Concen: 19.450 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

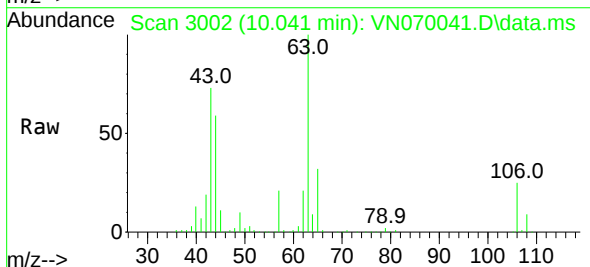
Instrument :
MSVOA_N
ClientSampleId :



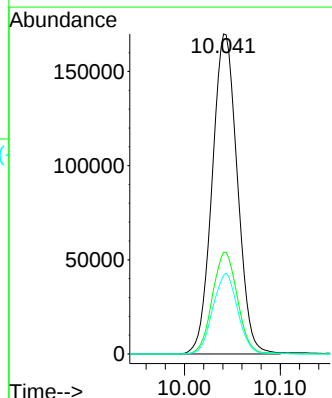
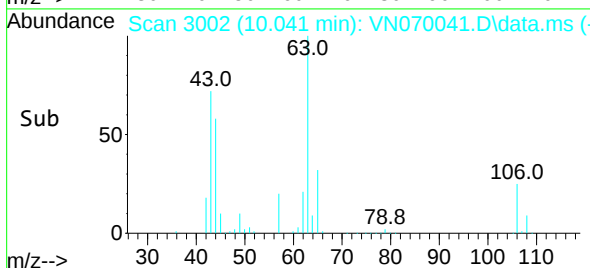
Tgt Ion:107 Resp: 215641
Ion Ratio Lower Upper
107 100
109 94.7 72.8 109.2

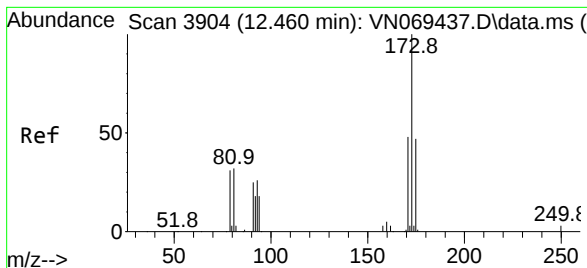


#55
2-Chloroethyl vinyl ether
Concen: 90.673 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02



Tgt Ion: 63 Resp: 309153
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.0
106 24.8 23.2 34.8





#56

Bromoform

Concen: 19.033 ug/l

RT: 12.457 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :

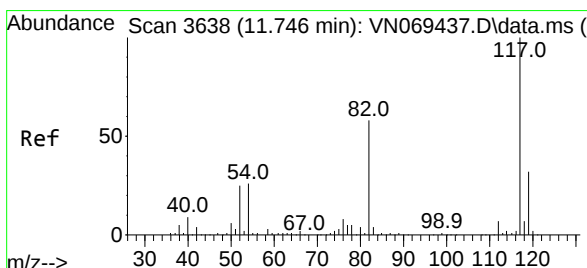
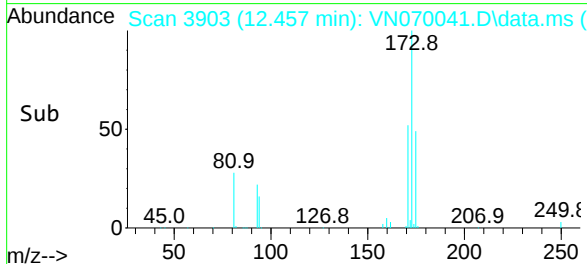
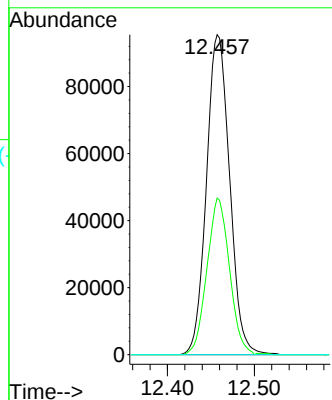
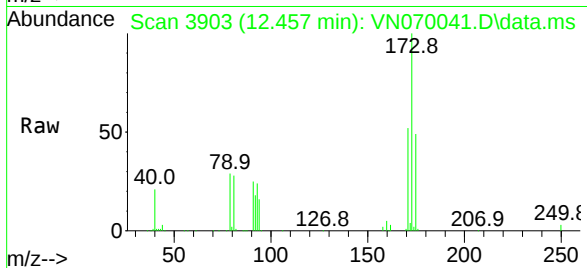
Tgt Ion:173 Resp: 177136

Ion Ratio Lower Upper

173 100

175 47.6 38.6 58.0

254 0.0 0.0 0.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

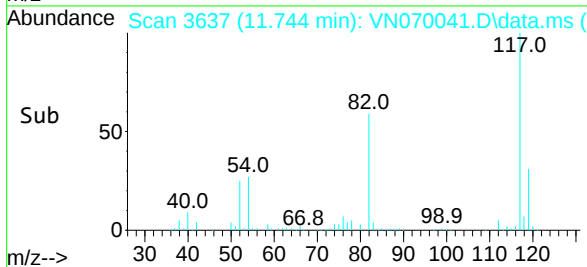
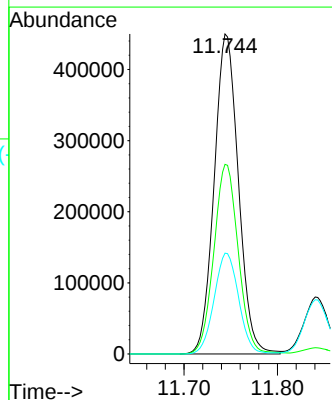
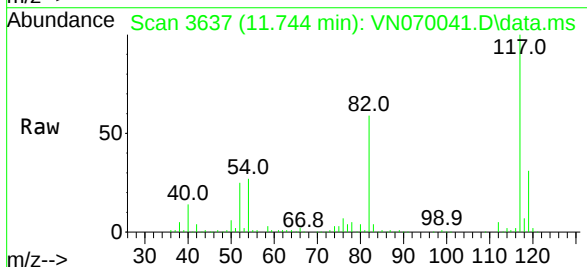
Tgt Ion:117 Resp: 810088

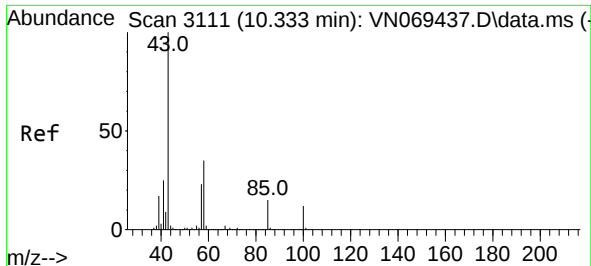
Ion Ratio Lower Upper

117 100

82 59.8 43.6 65.4

119 31.9 25.8 38.6

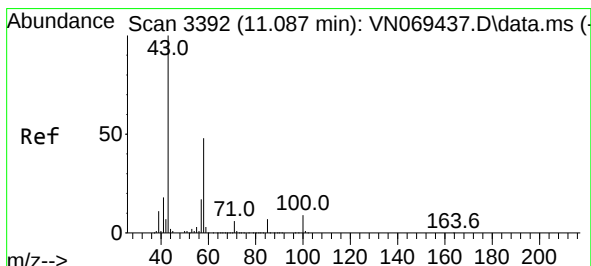
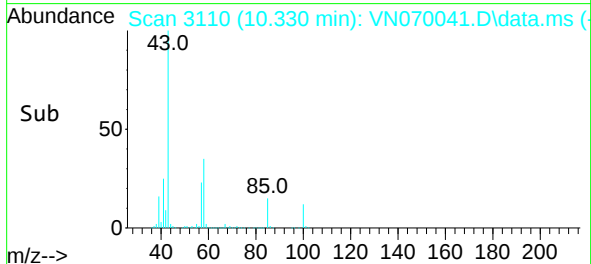
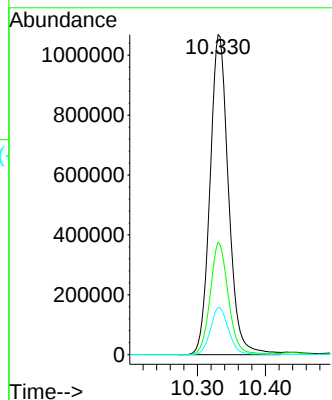
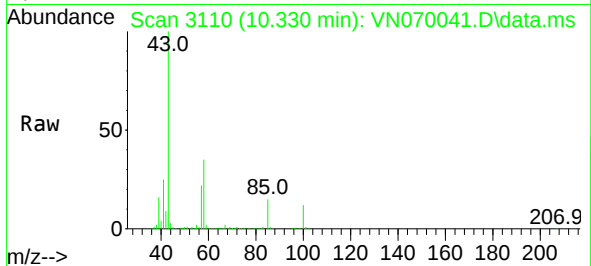




#58
4-Methyl-2-Pentanone
Concen: 108.468 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

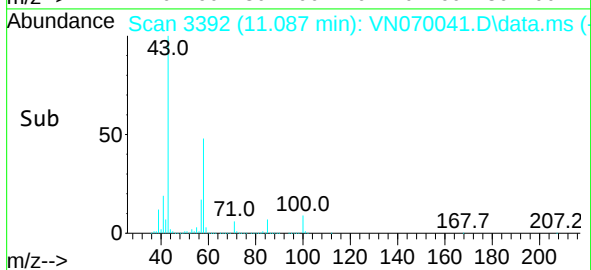
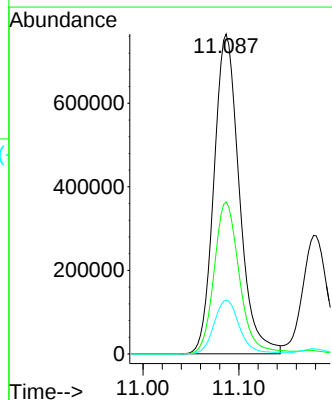
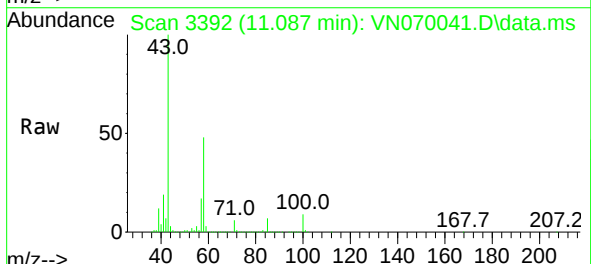
Instrument :
MSVOA_N
ClientSampleId :

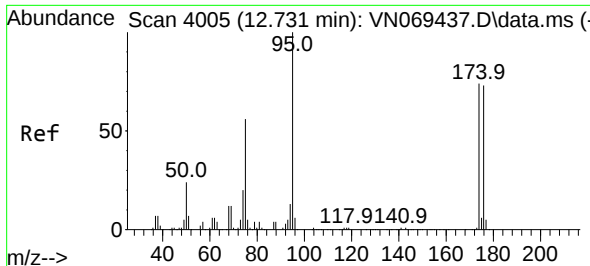
Tgt Ion: 43 Resp: 2016772
Ion Ratio Lower Upper
43 100
58 34.5 30.0 45.0
85 14.5 15.0 22.6#



#59
2-Hexanone
Concen: 102.230 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

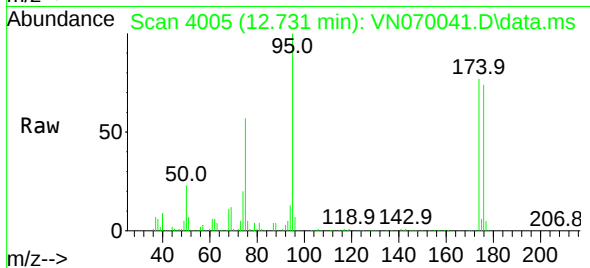
Tgt Ion: 43 Resp: 1405233
Ion Ratio Lower Upper
43 100
58 47.9 42.2 63.2
57 17.0 15.0 22.4



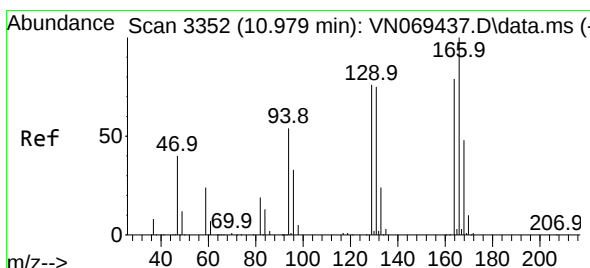
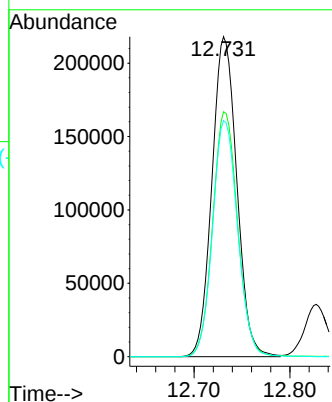
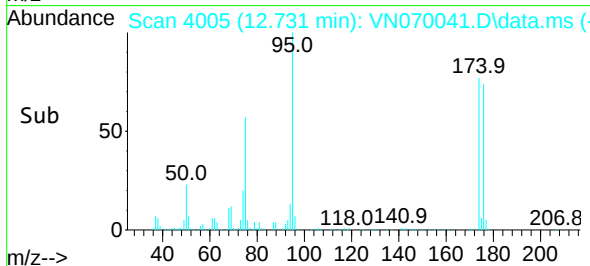


#60
4-Bromofluorobenzene
Concen: 29.419 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

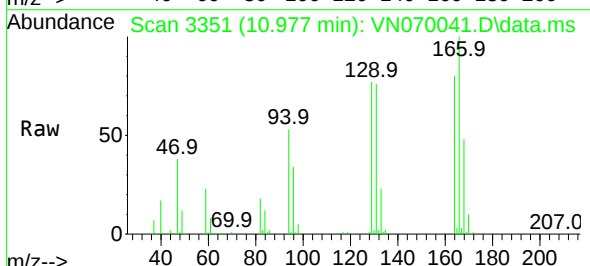
Instrument :
MSVOA_N
ClientSampleId :



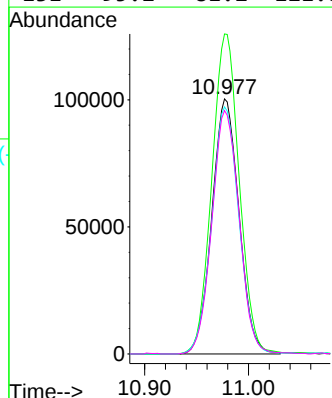
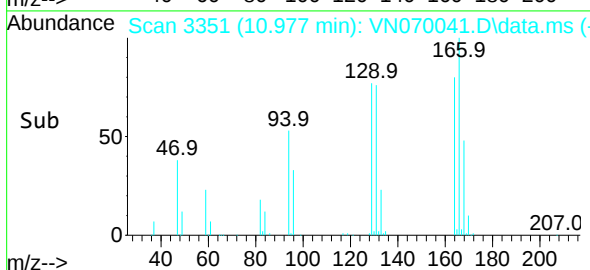
Tgt Ion: 95 Resp: 392155
Ion Ratio Lower Upper
95 100
174 76.7 62.9 94.3
176 74.2 61.0 91.4

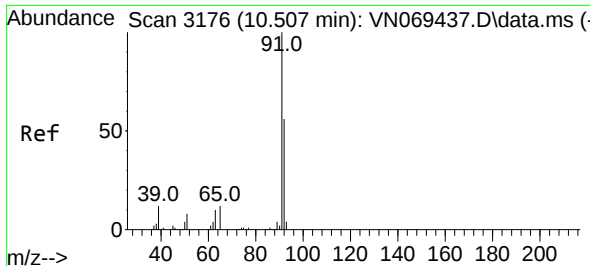


#61
Tetrachloroethene
Concen: 19.241 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02



Tgt Ion: 164 Resp: 182047
Ion Ratio Lower Upper
164 100
166 125.3 105.8 158.8
129 96.7 82.5 123.7
131 95.2 81.2 121.8

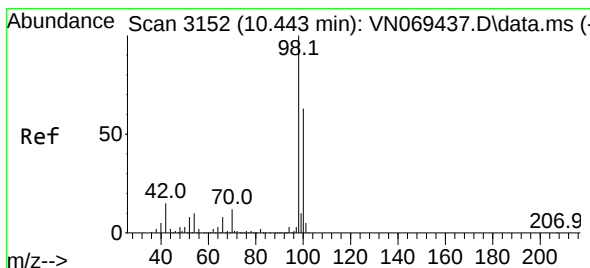
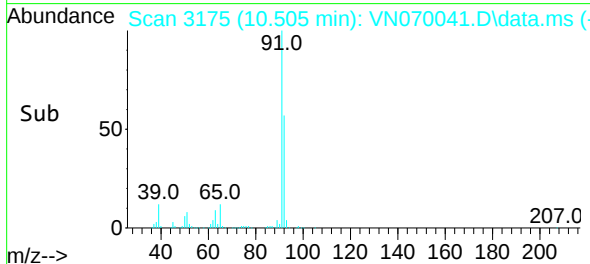
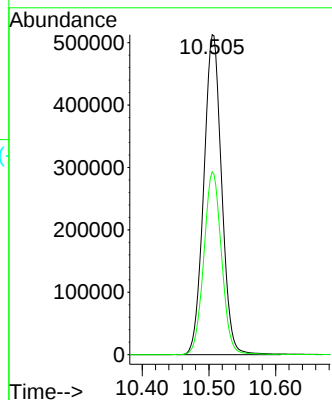
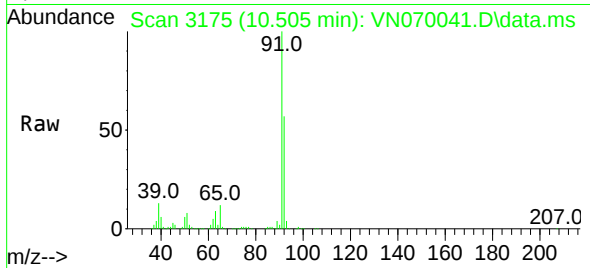




#62
Toluene
Concen: 19.996 ug/l
RT: 10.505 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

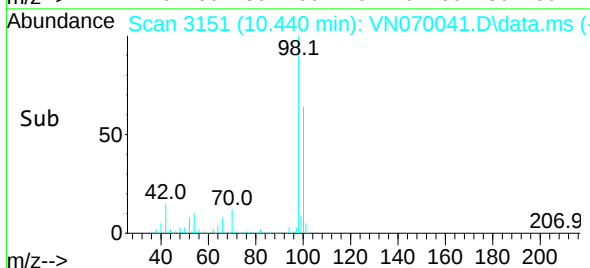
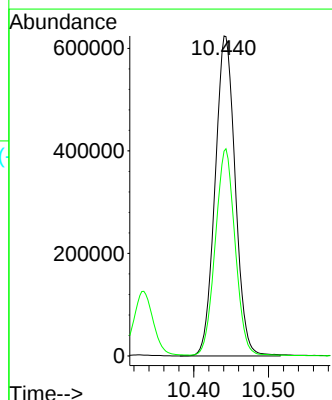
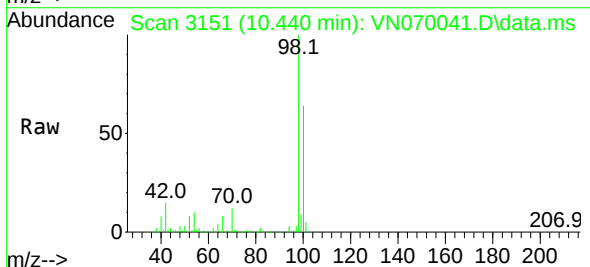
Instrument :
MSVOA_N
ClientSampleId :

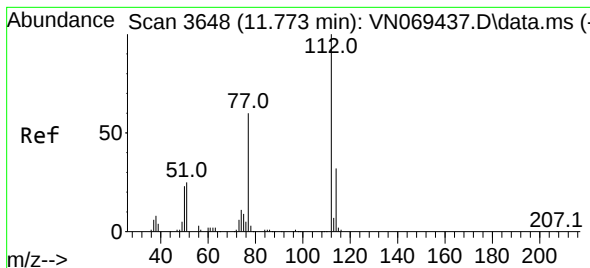
Tgt Ion: 91 Resp: 952653
Ion Ratio Lower Upper
91 100
92 56.7 44.6 67.0



#63
Toluene-d8
Concen: 31.218 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 98 Resp: 1168679
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0





#64

Chlorobenzene

Concen: 19.345 ug/l

RT: 11.771 min Scan# 3648

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

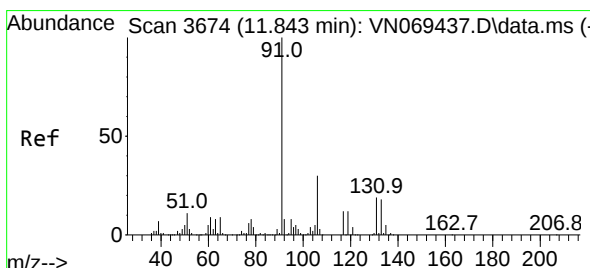
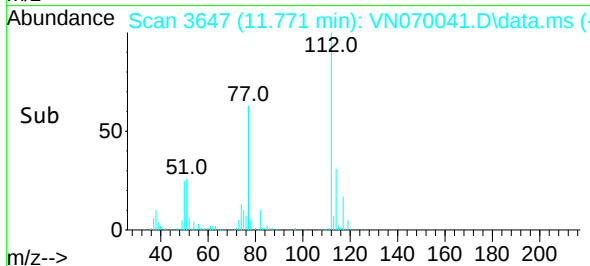
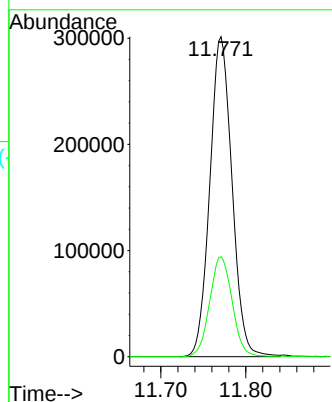
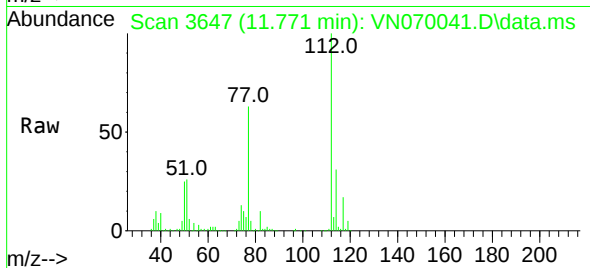
ClientSampleId :

Tgt Ion:112 Resp: 546970

Ion Ratio Lower Upper

112 100

114 31.3 25.8 38.6



#65

1,1,1,2-Tetrachloroethane

Concen: 20.169 ug/l

RT: 11.840 min Scan# 3673

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

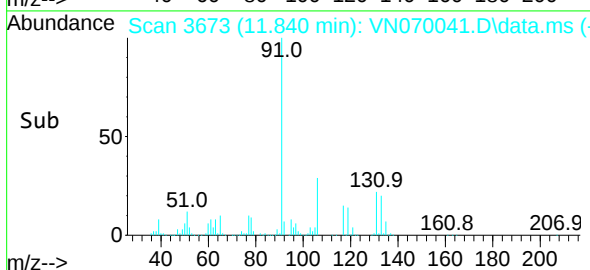
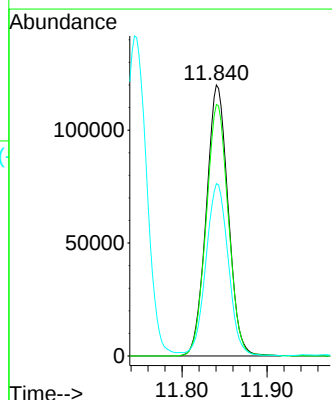
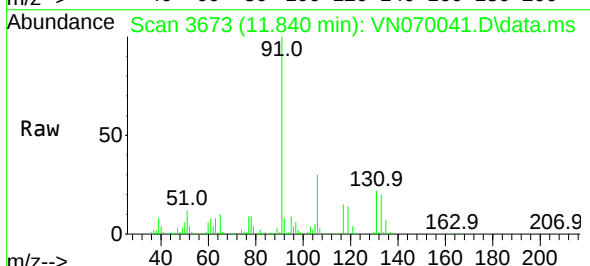
Tgt Ion:131 Resp: 214787

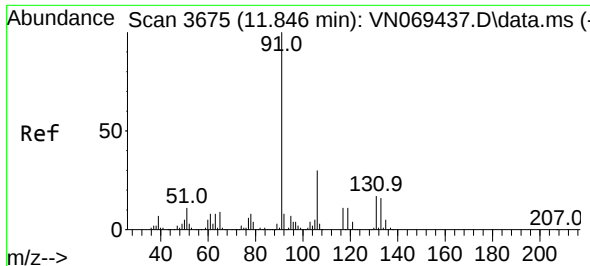
Ion Ratio Lower Upper

131 100

133 93.9 0.0 191.2

119 64.3 0.0 128.8

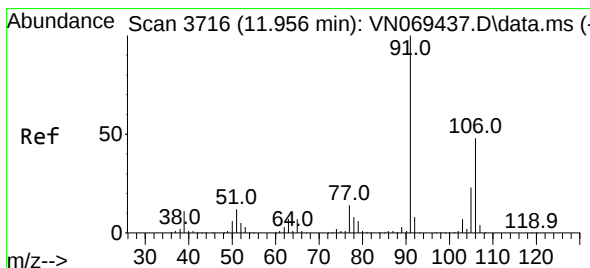
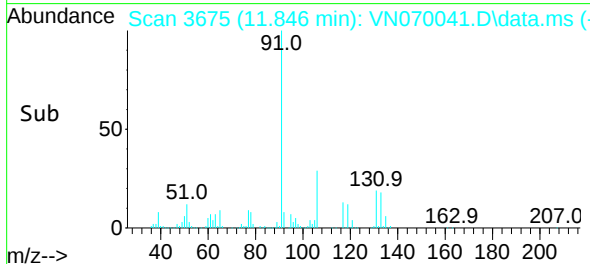
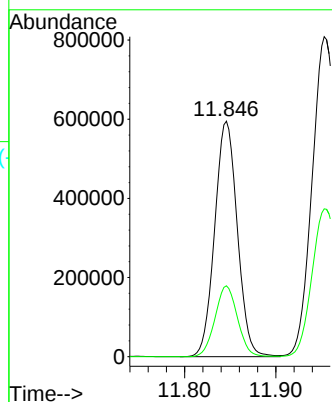
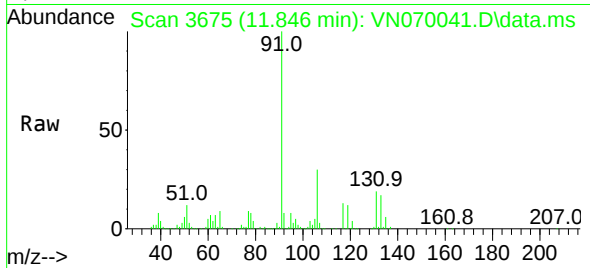




#66
Ethyl Benzene
Concen: 19.344 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

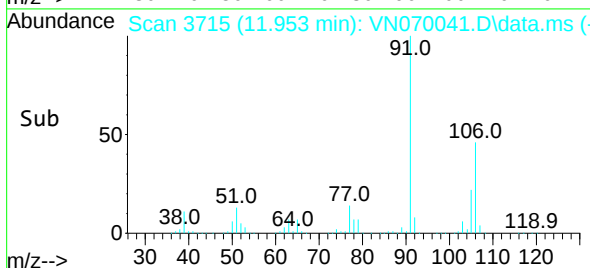
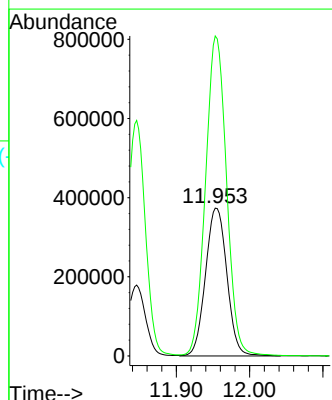
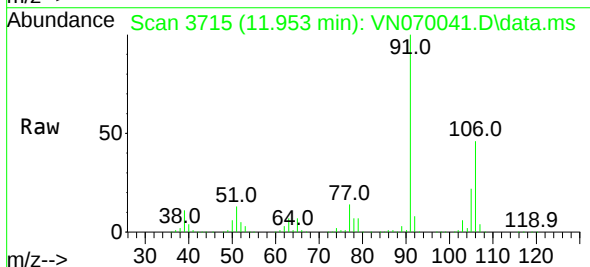
Instrument :
MSVOA_N
ClientSampleId :

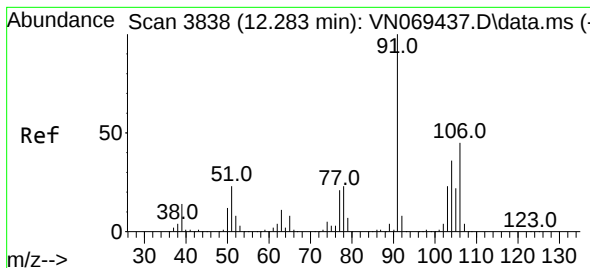
Tgt Ion: 91 Resp: 1024550
Ion Ratio Lower Upper
91 100
106 30.1 24.0 36.0



#67
m/p-Xylenes
Concen: 39.132 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion:106 Resp: 757240
Ion Ratio Lower Upper
106 100
91 212.5 162.9 244.3





#68

o-Xylene

Concen: 19.295 ug/l

RT: 12.280 min Scan# 3838

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

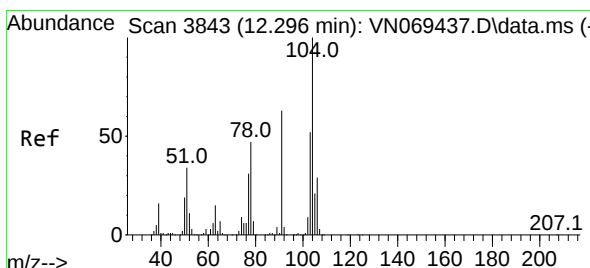
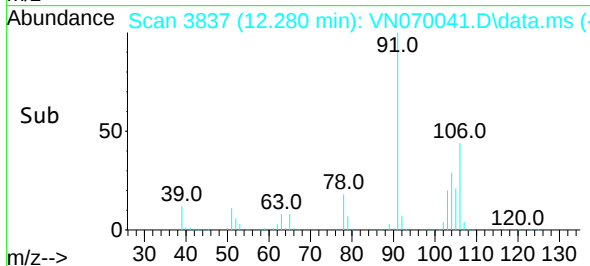
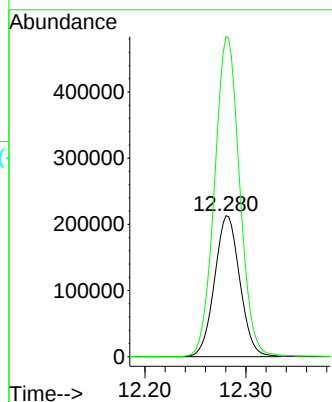
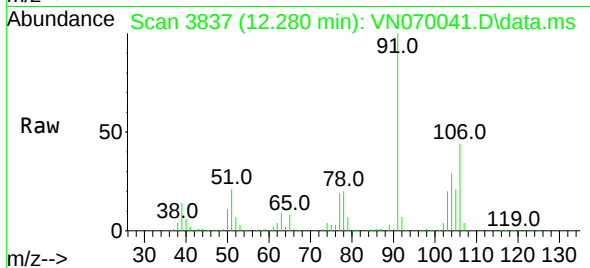
ClientSampleId :

Tgt Ion:106 Resp: 369418

Ion Ratio Lower Upper

106 100

91 226.4 107.7 323.1



#69

Styrene

Concen: 18.975 ug/l

RT: 12.296 min Scan# 3843

Delta R.T. 0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

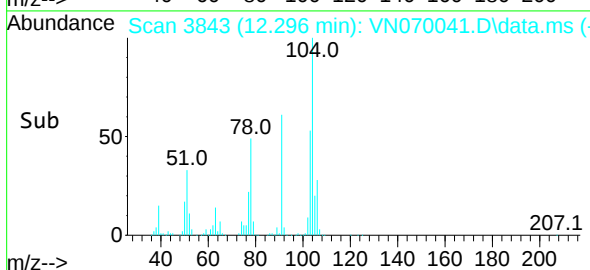
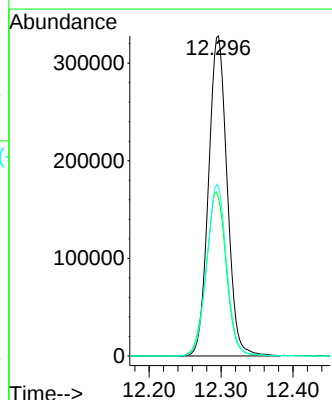
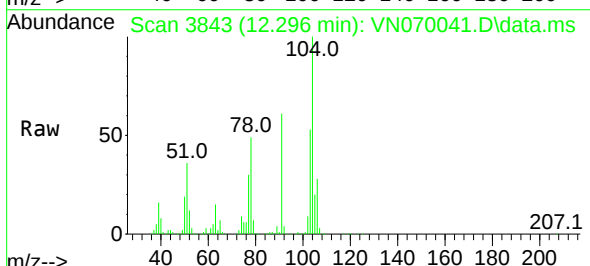
Tgt Ion:104 Resp: 592144

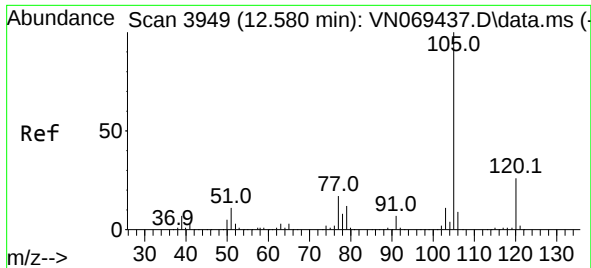
Ion Ratio Lower Upper

104 100

78 55.0 40.7 61.1

103 56.9 45.8 68.8

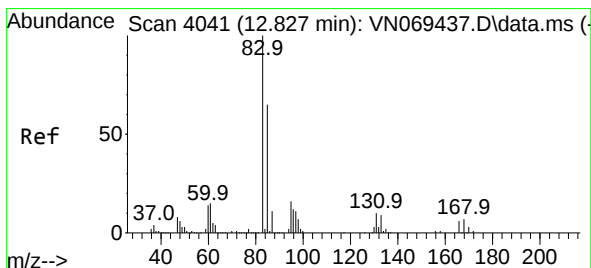
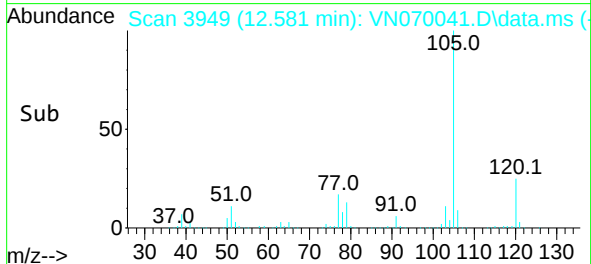
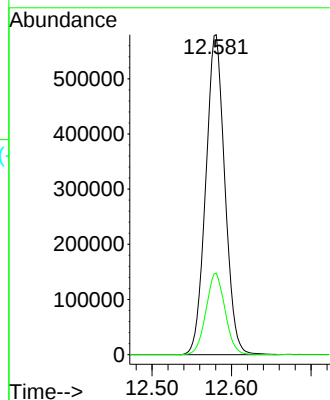
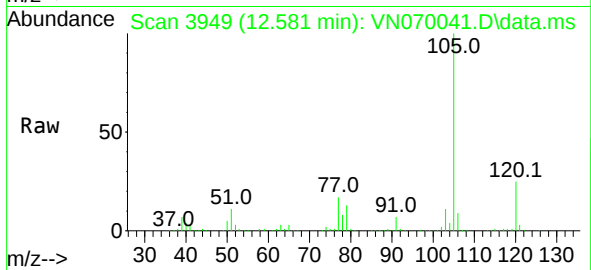




#70
Isopropylbenzene
Concen: 19.276 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

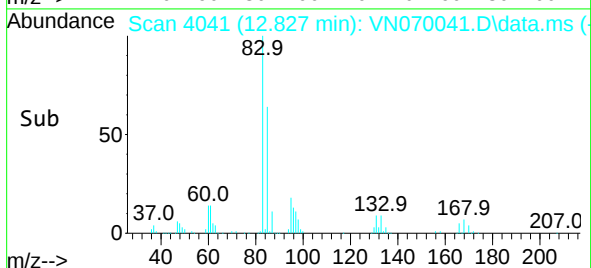
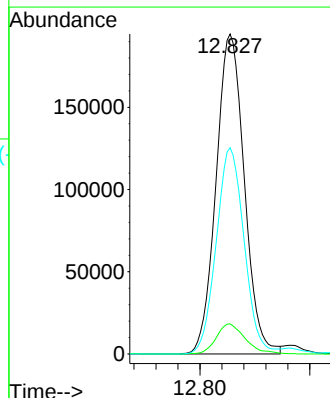
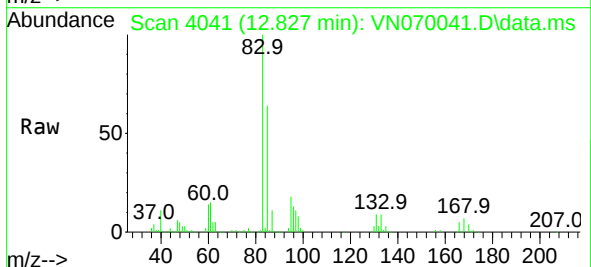
Instrument :
MSVOA_N
ClientSampleId :

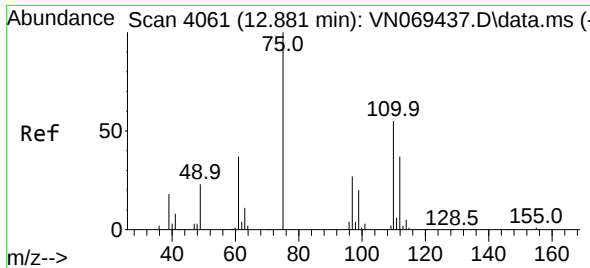
Tgt Ion:105 Resp: 968327
Ion Ratio Lower Upper
105 100
120 25.4 18.3 34.1



#71
1,1,2,2-Tetrachloroethane
Concen: 21.057 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 83 Resp: 346924
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 63.5 33.1 99.2

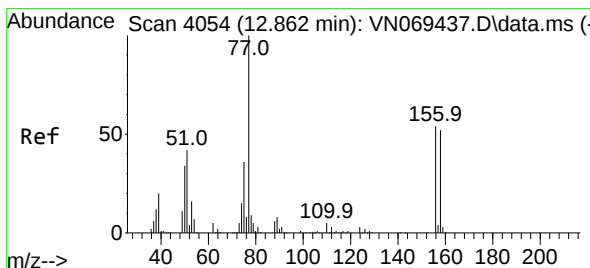
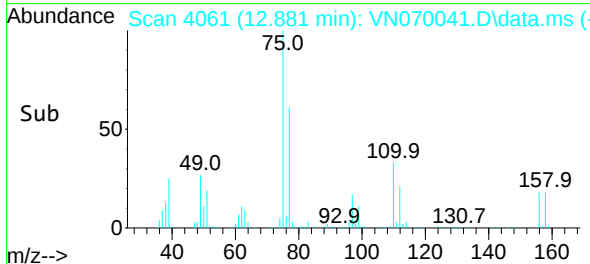
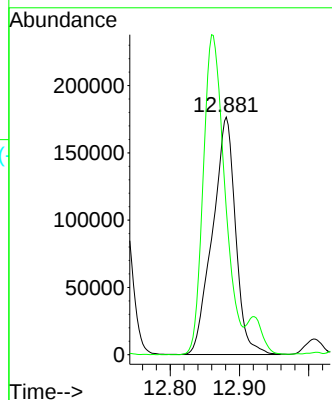
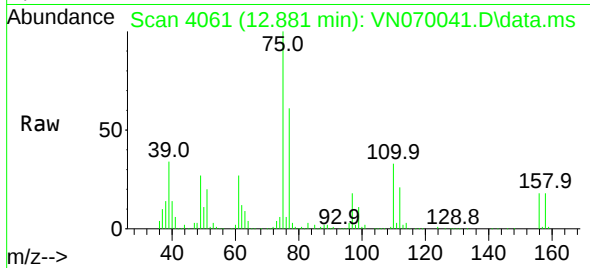




#72
1,2,3-Trichloropropane
Concen: 26.644 ug/l
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

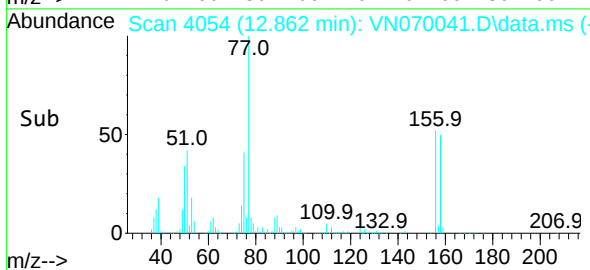
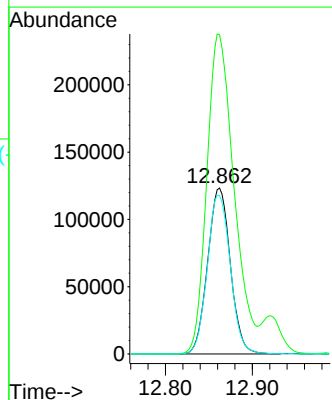
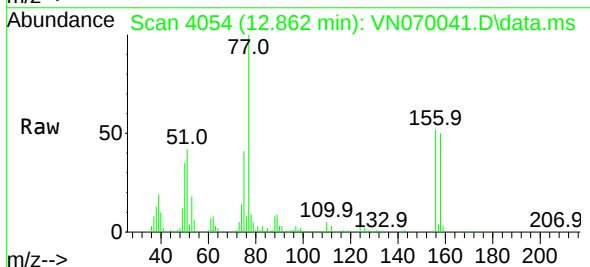
Instrument :
MSVOA_N
ClientSampleId :

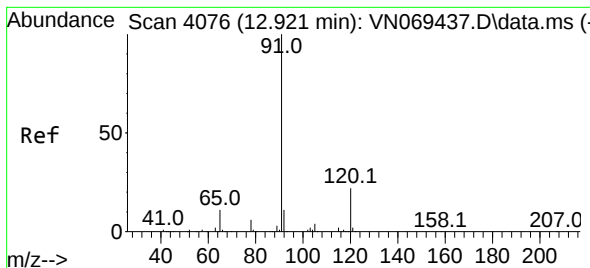
Tgt Ion: 75 Resp: 408491
Ion Ratio Lower Upper
75 100
77 125.7 0.0 378.0



#73
Bromobenzene
Concen: 19.227 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion:156 Resp: 224151
Ion Ratio Lower Upper
156 100
77 229.1 0.0 416.0
158 97.1 0.0 195.4





#74

n-propylbenzene

Concen: 18.718 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

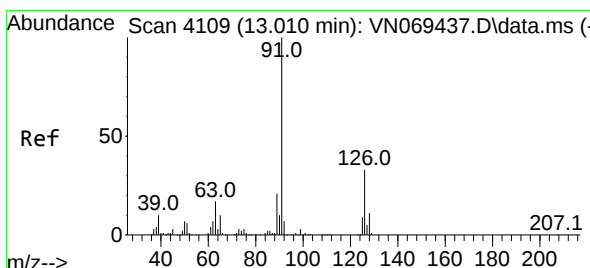
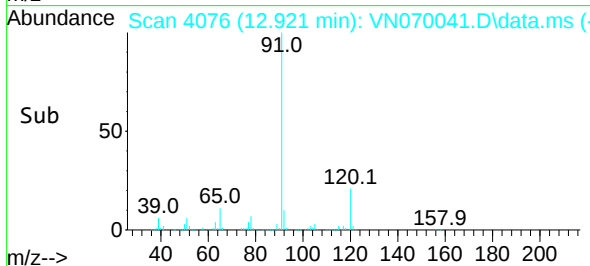
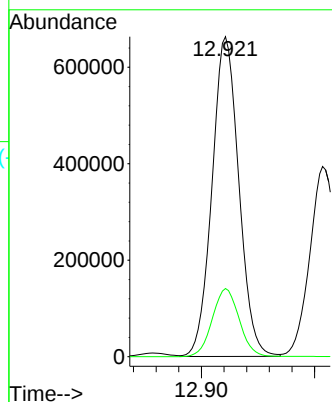
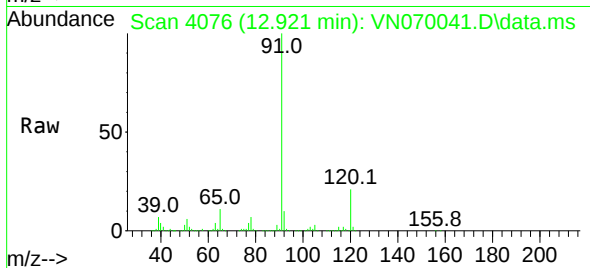
ClientSampleId :

Tgt Ion: 91 Resp: 1089865

Ion Ratio Lower Upper

91 100

120 21.4 0.0 45.0



#75

2-Chlorotoluene

Concen: 19.014 ug/l

RT: 13.007 min Scan# 4108

Delta R.T. -0.000 min

Lab File: VN070041.D

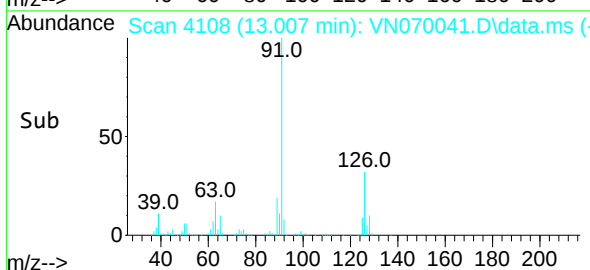
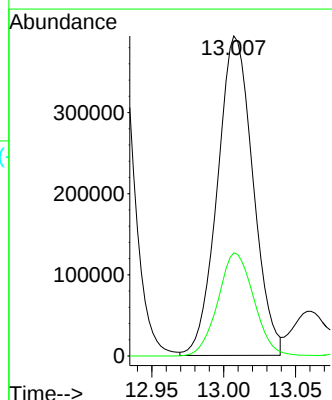
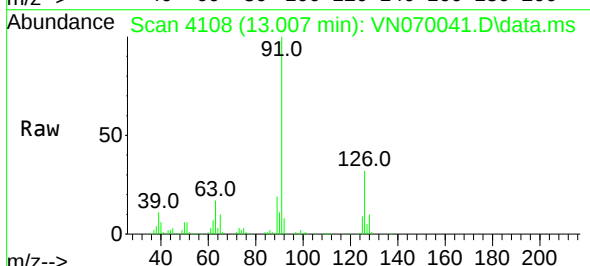
Acq: 13 Dec 2021 19:02

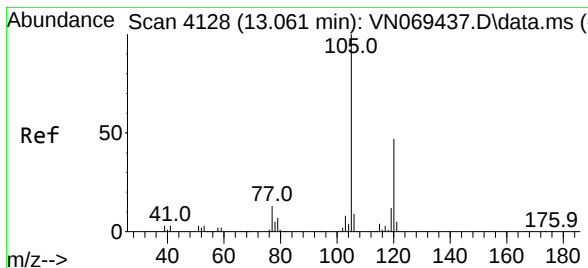
Tgt Ion: 91 Resp: 677459

Ion Ratio Lower Upper

91 100

126 32.6 0.0 69.8

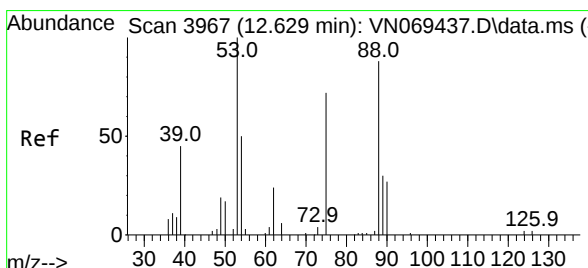
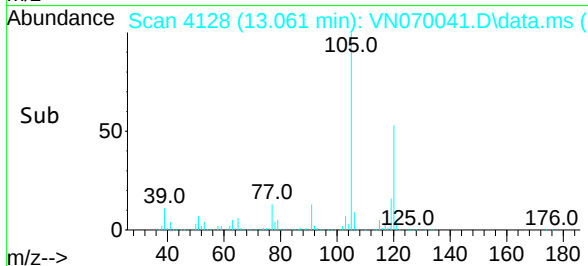
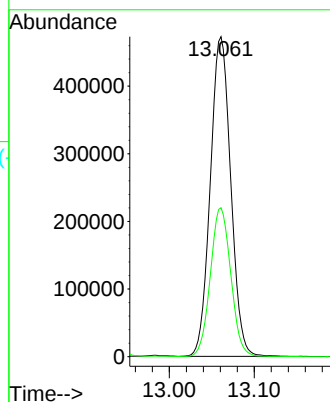
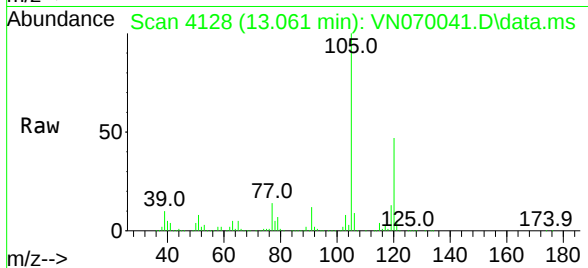




#76
 1,3,5-Trimethylbenzene
 Concen: 19.158 ug/l
 RT: 13.061 min Scan# 4128
 Delta R.T. 0.003 min
 Lab File: VN070041.D
 Acq: 13 Dec 2021 19:02

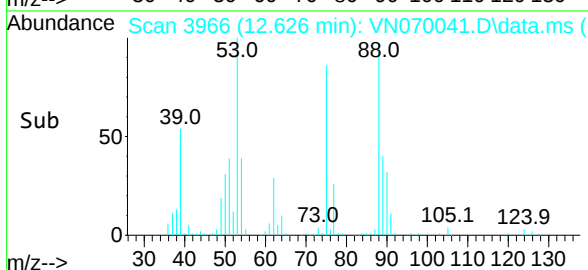
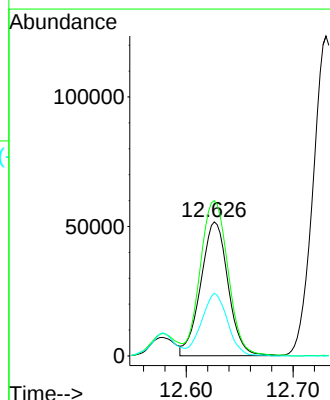
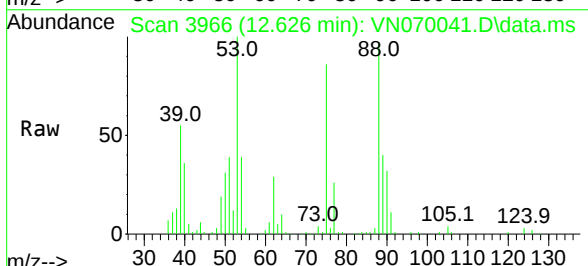
Instrument :
 MSVOA_N
 ClientSampleId :

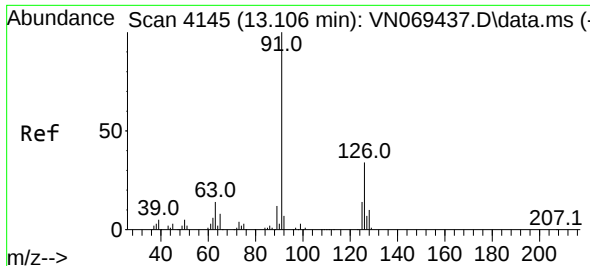
Tgt Ion:105 Resp: 790718
 Ion Ratio Lower Upper
 105 100
 120 46.6 0.0 93.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 19.067 ug/l
 RT: 12.626 min Scan# 3966
 Delta R.T. 0.003 min
 Lab File: VN070041.D
 Acq: 13 Dec 2021 19:02

Tgt Ion: 75 Resp: 91926
 Ion Ratio Lower Upper
 75 100
 53 115.8 51.8 155.5
 89 47.0 22.9 68.7

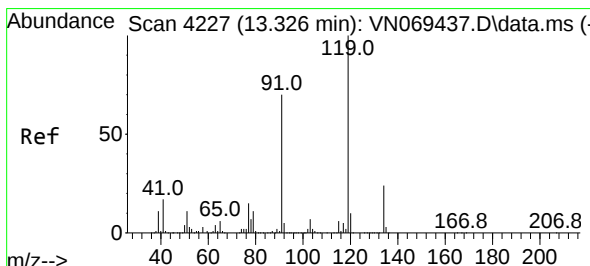
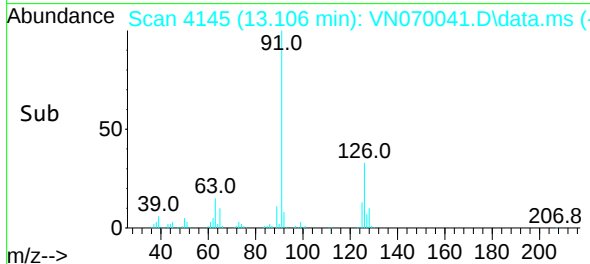
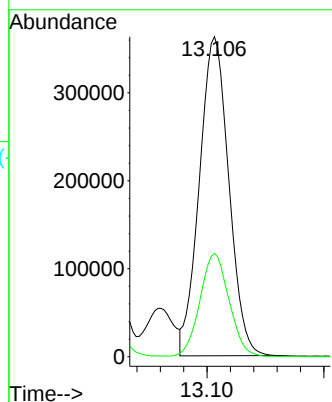
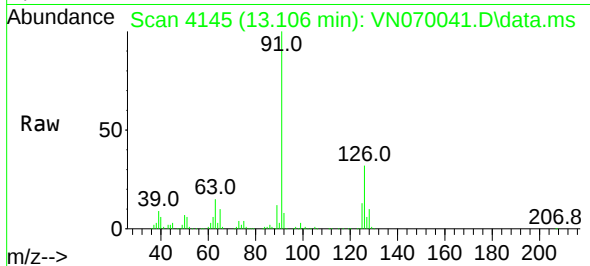




#78
4-Chlorotoluene
Concen: 18.552 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

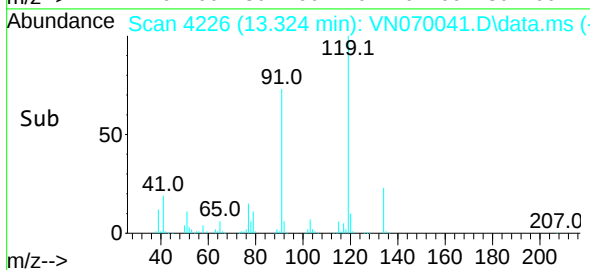
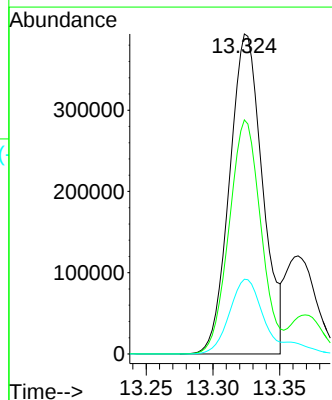
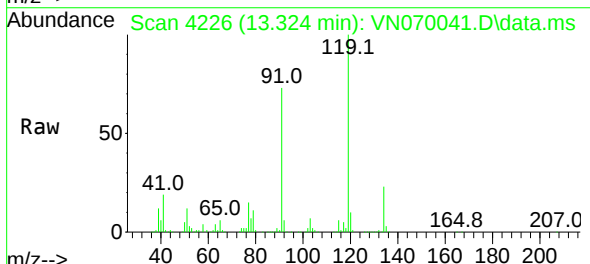
Instrument :
MSVOA_N
ClientSampleId :

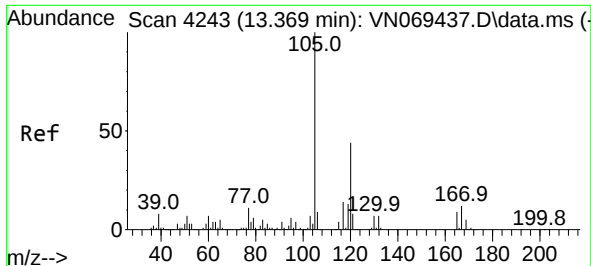
Tgt Ion: 91 Resp: 633890
Ion Ratio Lower Upper
91 100
126 32.2 0.0 70.6



#79
tert-butylbenzene
Concen: 18.930 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion: 119 Resp: 678042
Ion Ratio Lower Upper
119 100
91 70.7 0.0 137.0
134 23.5 0.0 47.6

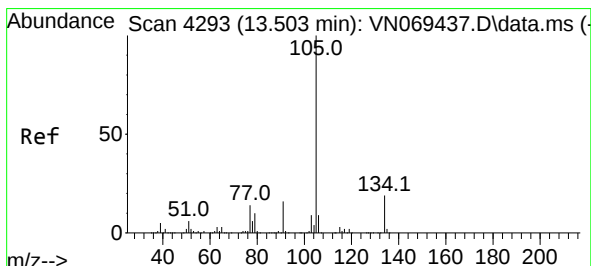
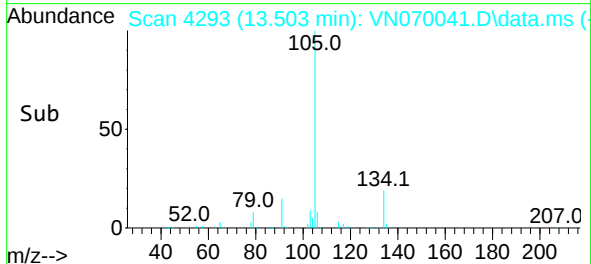
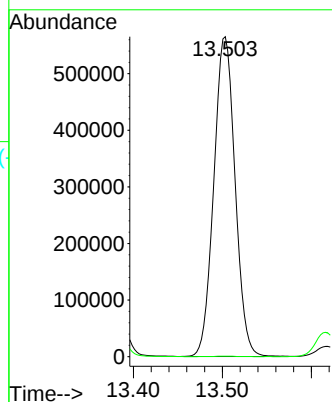
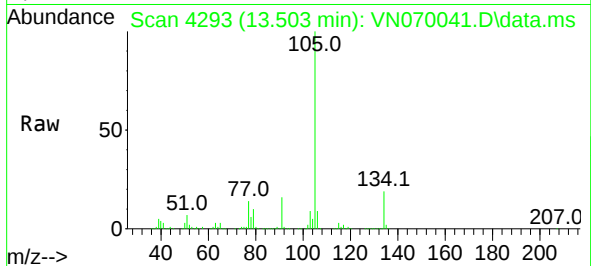




#80
1,2,4-Trimethylbenzene
Concen: 23.485 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.134 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

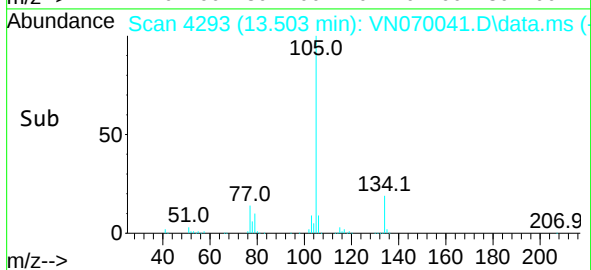
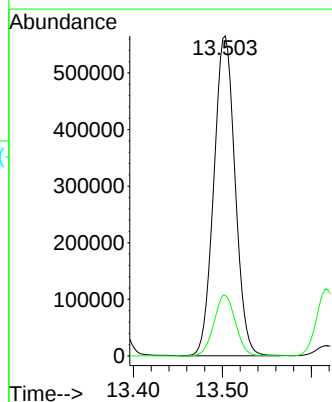
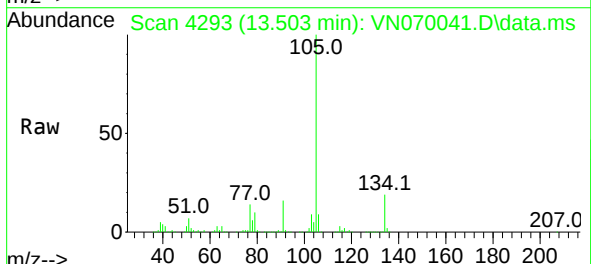
Instrument :
MSVOA_N
ClientSampleId :

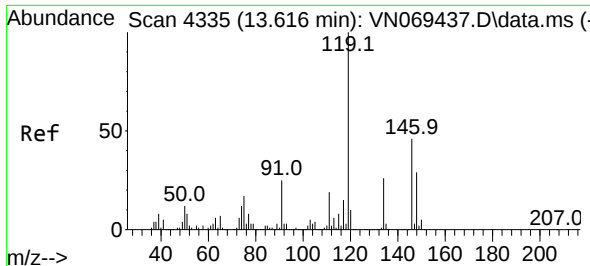
Tgt Ion:105 Resp: 937315
Ion Ratio Lower Upper
105 100
120 0.0 0.0 0.2



#81
sec-Butylbenzene
Concen: 18.753 ug/l
RT: 13.503 min Scan# 4293
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion:105 Resp: 937315
Ion Ratio Lower Upper
105 100
134 19.3 0.0 39.4

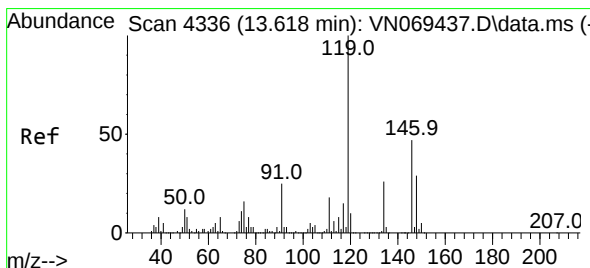
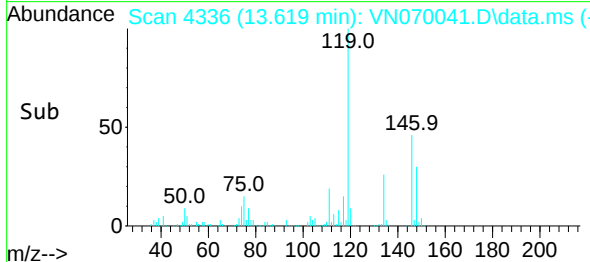
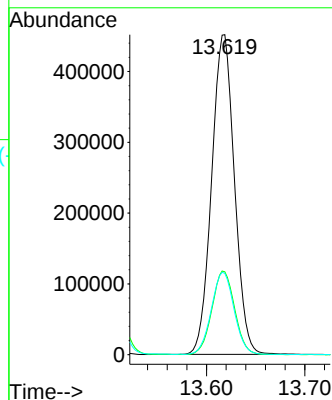
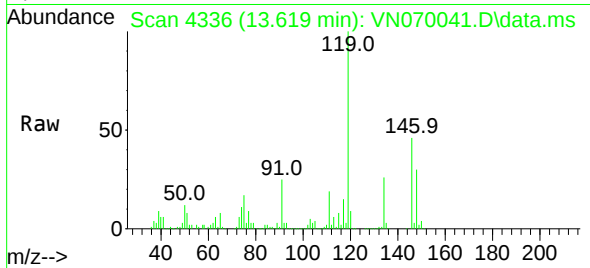




#82
p-Isopropyltoluene
Concen: 18.284 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

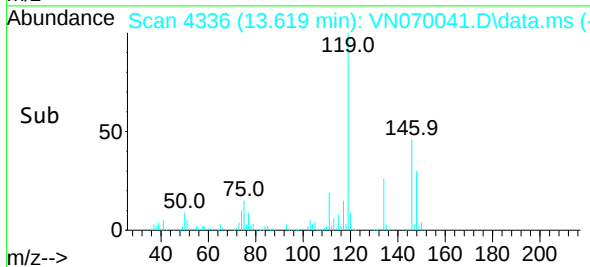
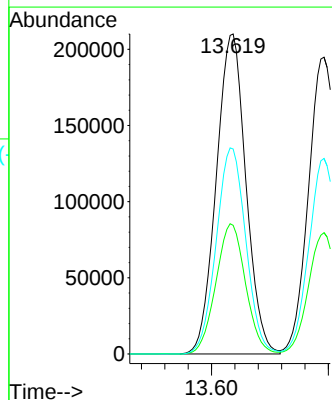
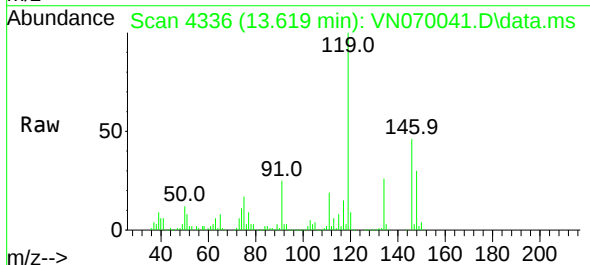
Instrument :
MSVOA_N
ClientSampleId :

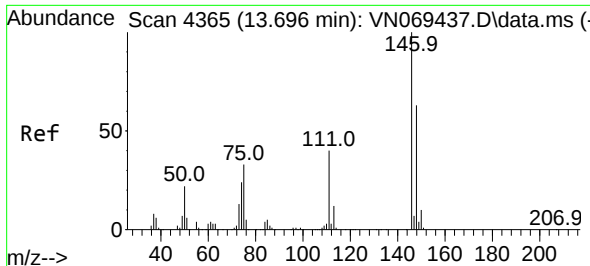
Tgt Ion:119 Resp: 728079
Ion Ratio Lower Upper
119 100
134 26.0 0.0 51.8
91 25.6 0.0 50.4



#83
1,3-Dichlorobenzene
Concen: 18.801 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

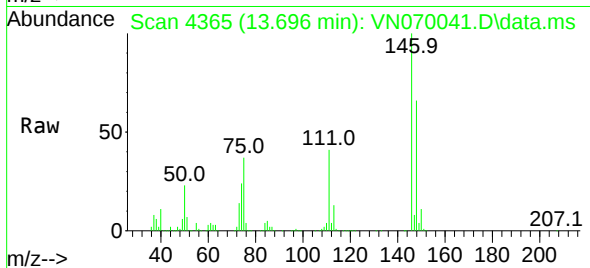
Tgt Ion:146 Resp: 370698
Ion Ratio Lower Upper
146 100
111 40.6 20.8 62.2
148 64.4 31.4 94.3



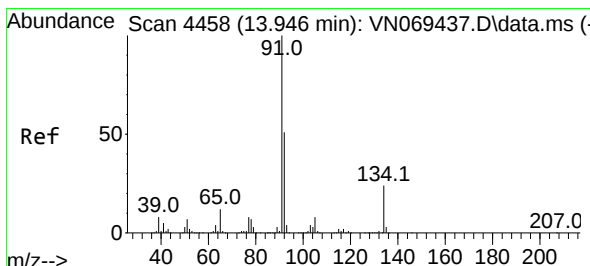
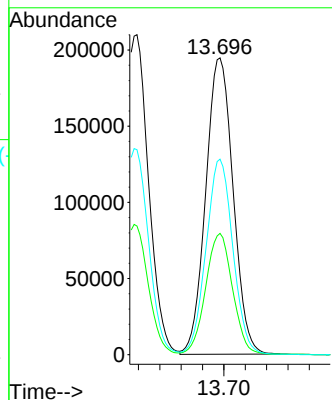
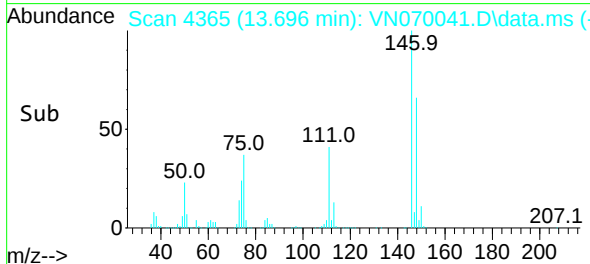


#84
1,4-Dichlorobenzene
Concen: 18.277 ug/l
RT: 13.696 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

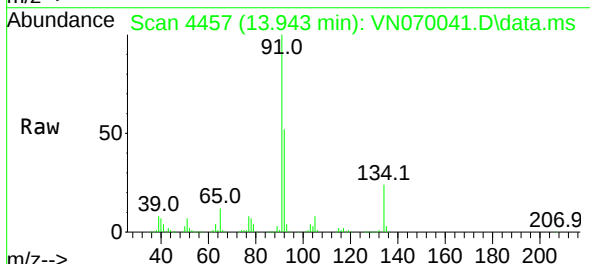
Instrument :
MSVOA_N
ClientSampleId :



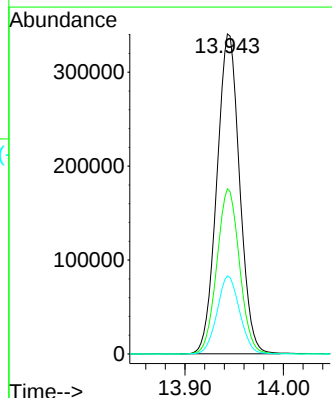
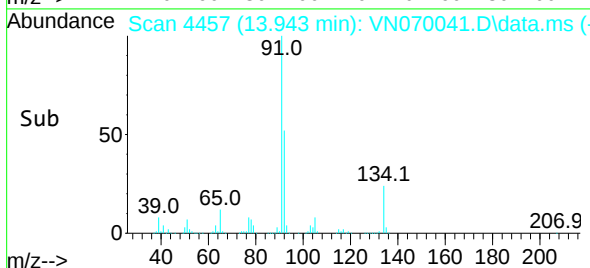
Tgt Ion:146 Resp: 346645
Ion Ratio Lower Upper
146 100
111 40.0 19.5 58.5
148 64.6 31.1 93.5

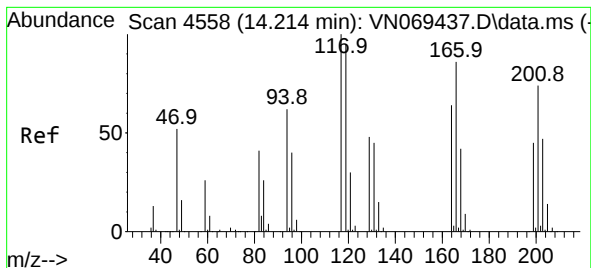


#85
n-Butylbenzene
Concen: 16.458 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02



Tgt Ion: 91 Resp: 547507
Ion Ratio Lower Upper
91 100
92 51.5 0.0 100.6
134 24.2 0.0 50.2





#86

Hexachloroethane

Concen: 18.946 ug/l

RT: 14.211 min Scan# 4557

Delta R.T. 0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

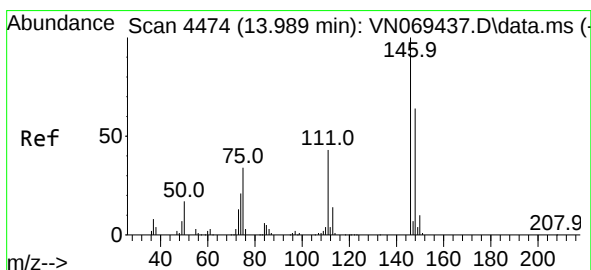
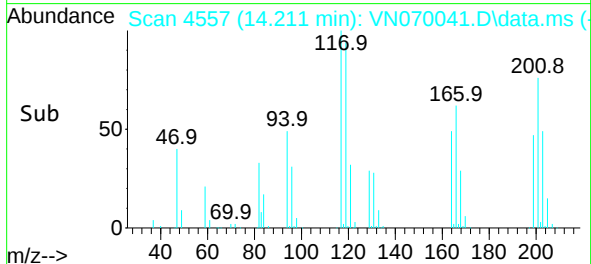
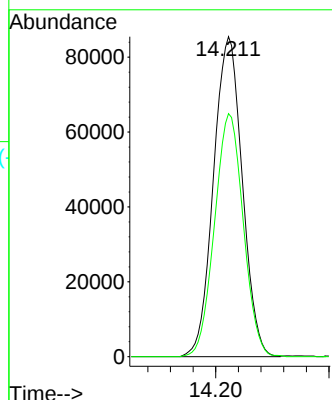
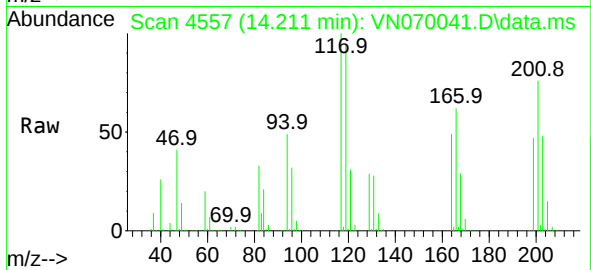
ClientSampleId :

Tgt Ion:117 Resp: 150512

Ion Ratio Lower Upper

117 100

201 75.7 33.3 99.8



#87

1,2-Dichlorobenzene

Concen: 19.319 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. 0.000 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

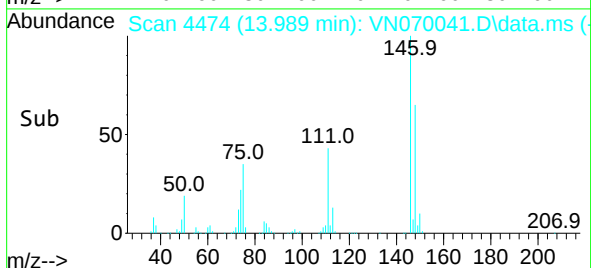
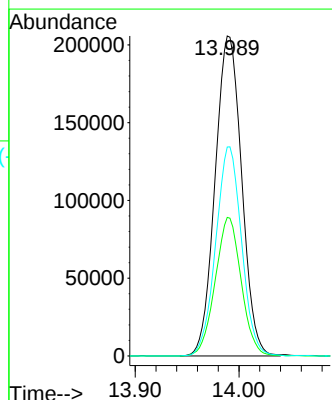
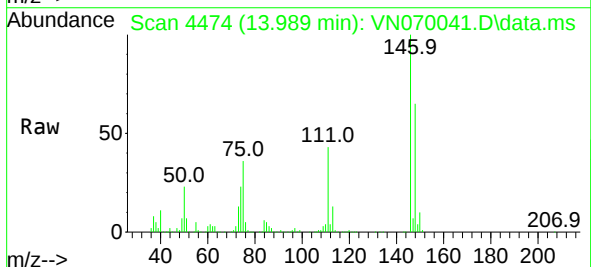
Tgt Ion:146 Resp: 365944

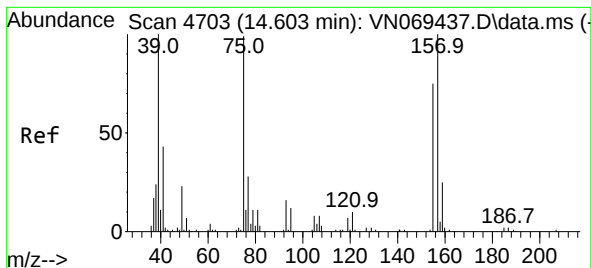
Ion Ratio Lower Upper

146 100

111 42.3 21.4 64.2

148 63.6 32.5 97.4





#88

1,2-Dibromo-3-Chloropropane

Concen: 20.560 ug/l

RT: 14.603 min Scan# 4703

Delta R.T. 0.000 min

Lab File: VN070041.D

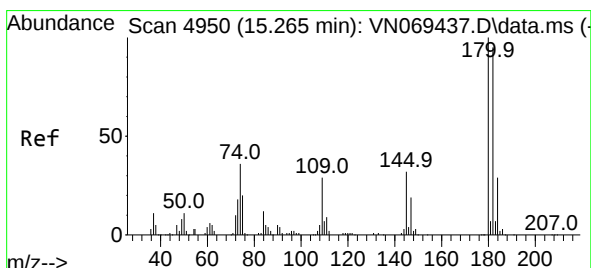
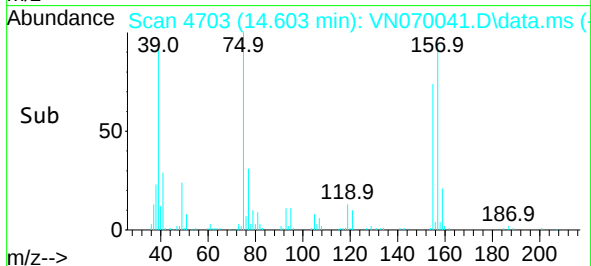
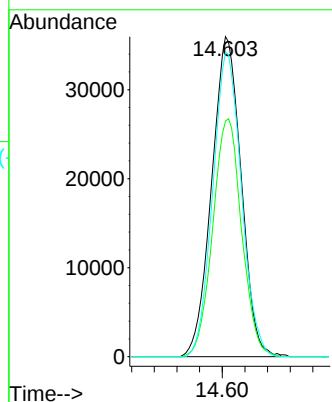
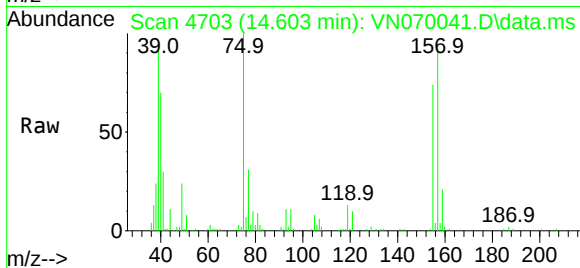
Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	64798
Ion Ratio	Lower	Upper	
75	100		
155	72.9	63.8	95.8
157	92.5	77.9	116.9



#89

1,2,4-Trichlorobenzene

Concen: 17.103 ug/l

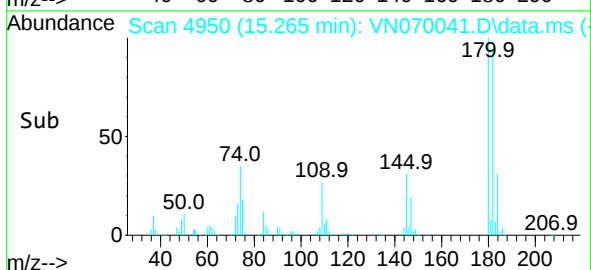
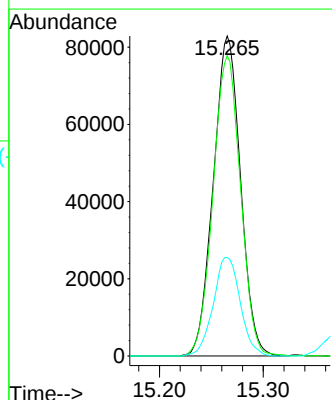
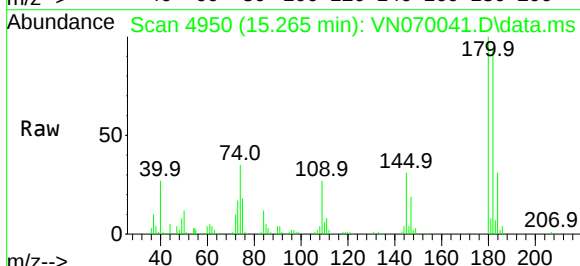
RT: 15.265 min Scan# 4950

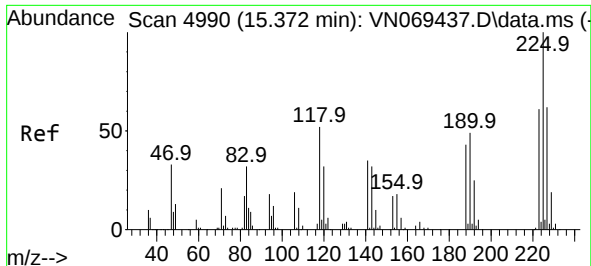
Delta R.T. 0.003 min

Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Tgt Ion:	180	Resp:	150711
Ion Ratio	Lower	Upper	
180	100		
182	94.8	77.7	116.5
145	30.6	26.6	39.8

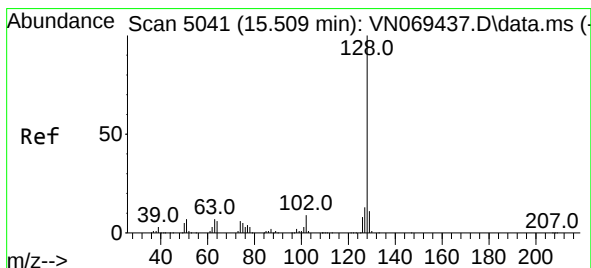
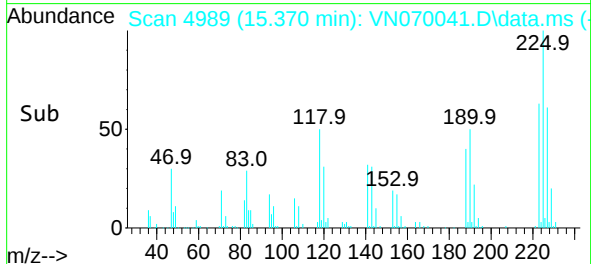
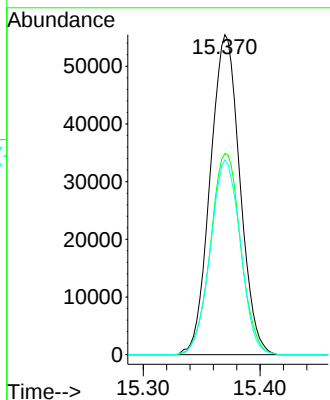
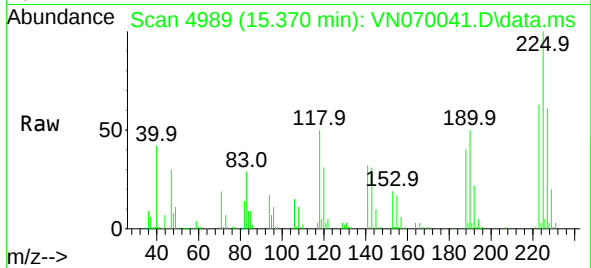




#90
Hexachlorobutadiene
Concen: 18.657 ug/l
RT: 15.370 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

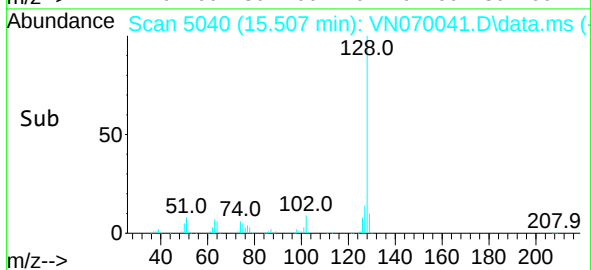
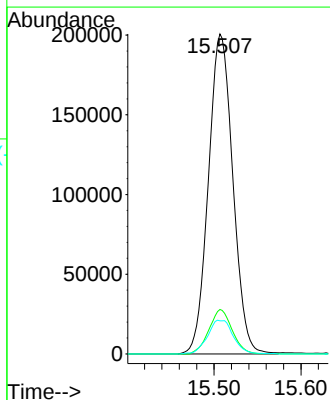
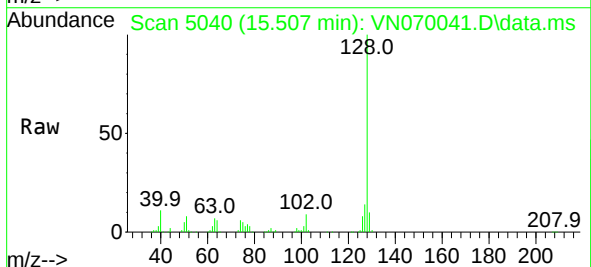
Instrument :
MSVOA_N
ClientSampleId :

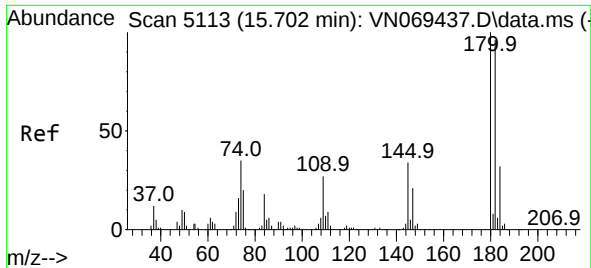
Tgt Ion:225 Resp: 97851
Ion Ratio Lower Upper
225 100
223 64.0 0.0 126.8
227 61.7 0.0 123.0



#91
Naphthalene
Concen: 20.068 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. 0.003 min
Lab File: VN070041.D
Acq: 13 Dec 2021 19:02

Tgt Ion:128 Resp: 392177
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 5.7 9.0 13.6#





#92

1,2,3-Trichlorobenzene

Concen: 18.439 ug/l

RT: 15.702 min Scan# 51

Delta R.T. 0.003 min

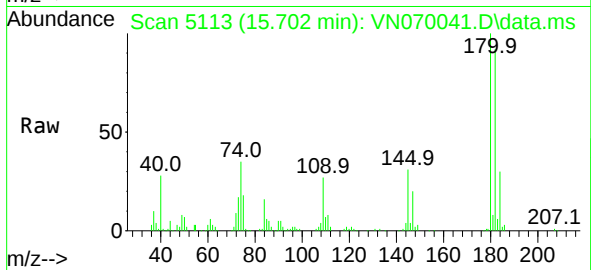
Lab File: VN070041.D

Acq: 13 Dec 2021 19:02

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 153520

Ion Ratio Lower Upper

180 100

182 94.1 0.0 190.0

145 31.9 0.0 67.8

