

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069573.D
 Acq On : 19 Nov 2021 1:07
 Operator : JC/MD
 Sample : PB140846TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 03:23:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1297405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2282744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2362531	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	897884	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	969396	51.532	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.060%	
35) Dibromofluoromethane	8.024	113	667862	48.781	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 97.560%	
50) Toluene-d8	10.443	98	2951138	54.807	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 109.620%	
62) 4-Bromofluorobenzene	12.733	95	1063278	53.752	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.500%	

Target Compounds				Qvalue		
3) Chloromethane	2.306	50	4569	0.284	ug/l	97
13) Acrolein	4.044	56	1348	Below Cal	#	65
15) Acrylonitrile	5.567	53	2924	0.337	ug/l	# 34
16) Acetone	4.293	43	230250	22.685	ug/l	95
18) Methyl Acetate	4.865	43	8227	0.249	ug/l	100
20) Methylene Chloride	5.093	84	40756	2.832	ug/l	85
25) 2-Butanone	7.345	43	67226	4.891	ug/l	93
29) Tetrahydrofuran	7.702	42	27811	3.297	ug/l	# 87
31) Cyclohexane	8.086	56	35538	1.383	ug/l	# 35
36) 1,1-Dichloropropene	8.088	75	111783	5.820	ug/l	# 50
37) Ethyl Acetate	7.345	43	67226	2.589	ug/l	# 69
38) Carbon Tetrachloride	8.088	117	135331	7.298	ug/l	# 16
43) Isopropyl Acetate	8.566	43	160338	3.845	ug/l	# 88
48) Methyl methacrylate	9.547	41	46787	2.384	ug/l	# 9
49) 1,4-Dioxane	9.566	88	151	39.432	ug/l	# 27
51) 4-Methyl-2-Pentanone	10.333	43	49169	1.827	ug/l	94
53) t-1,3-Dichloropropene	10.719	75	1303	2.688	ug/l	# 43
54) cis-1,3-Dichloropropene	10.245	75	221633	10.073	ug/l	# 71
56) Ethyl methacrylate	10.765	69	2396	2.135	ug/l	# 24
57) 1,3-Dichloropropane	11.092	76	135464	5.178	ug/l	# 43
58) 2-Chloroethyl Vinyl ether	10.043	63	327	22.811	ug/l	# 45
59) 2-Hexanone	11.092	43	2422710	111.146	ug/l	# 49
60) Dibromochloromethane	11.245	129	191	2.429	ug/l	# 27
61) 1,2-Dibromoethane	11.355	107	498	1.100	ug/l	# 2
70) Styrene	12.294	104	6172	1.632	ug/l	89
71) Bromoform	12.463	173	501	3.463	ug/l	# 29
74) N-amyl acetate	12.393	43	17570	0.580	ug/l	# 85
76) 1,2,3-Trichloropropane	12.733	75	595879	28.757	ug/l	# 1
79) 2-Chlorotoluene	13.109	91	10182	0.204	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	13206	0.229	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.733	75	595879	81.480	ug/l	# 5
82) 4-Chlorotoluene	13.109	91	10182	0.214	ug/l	89
87) 1,3-Dichlorobenzene	13.619	146	7948	0.280	ug/l	96
88) 1,4-Dichlorobenzene	13.619	146	7948	0.286	ug/l	95
89) n-Butylbenzene	13.943	91	17605	0.376	ug/l	96
90) Hexachloroethane	14.209	117	346	2.194	ug/l	# 6

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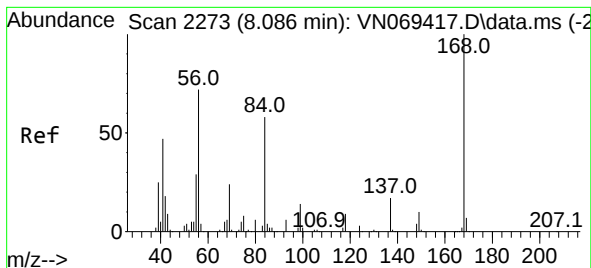
Quant Time: Nov 19 03:23:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 09 18:18:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) 1,2-Dichlorobenzene	13.989	146	8891	0.330	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.606	75	1487	2.117	ug/l	70
93) 1,2,4-Trichlorobenzene	15.263	180	12725	3.958	ug/l	96
94) Hexachlorobutadiene	15.373	225	1603	0.229	ug/l #	75
95) Naphthalene	15.512	128	60839	5.842	ug/l	97
96) 1,2,3-Trichlorobenzene	15.702	180	14676	4.187	ug/l	96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

Instrument :

MSVOA_N

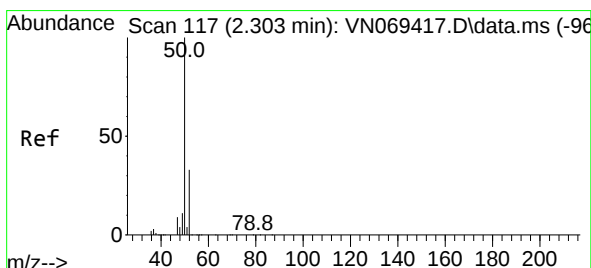
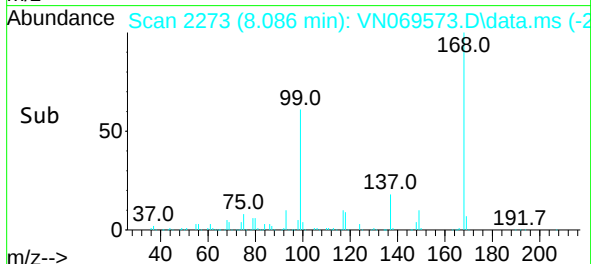
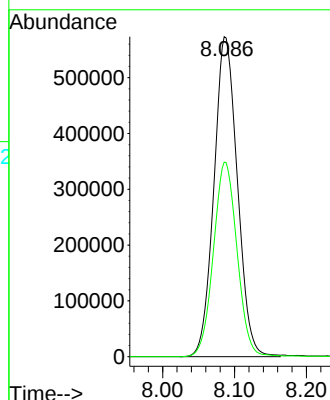
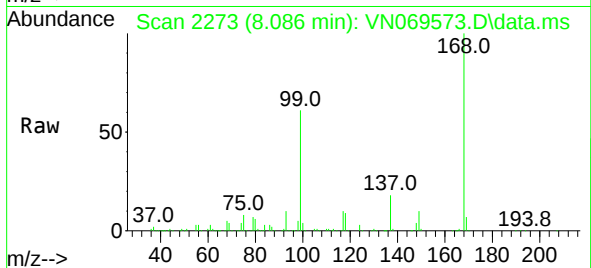
ClientSampleId :

Tgt Ion:168 Resp: 1297405

Ion Ratio Lower Upper

168 100

99 60.8 41.3 61.9



#3

Chloromethane

Concen: 0.284 ug/l

RT: 2.306 min Scan# 118

Delta R.T. 0.003 min

Lab File: VN069573.D

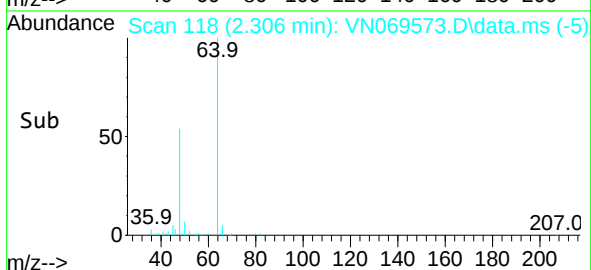
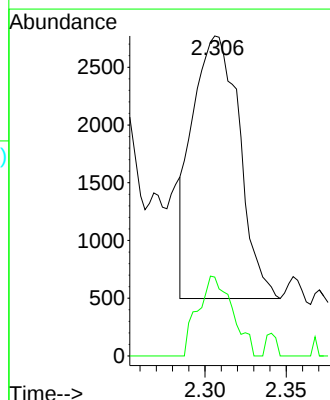
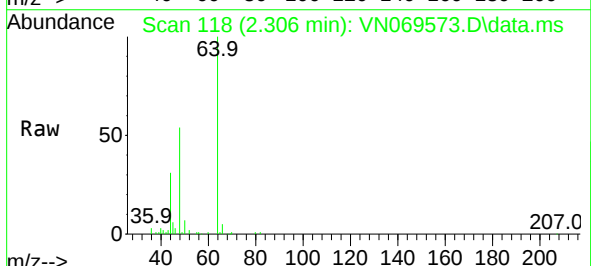
Acq: 19 Nov 2021 1:07

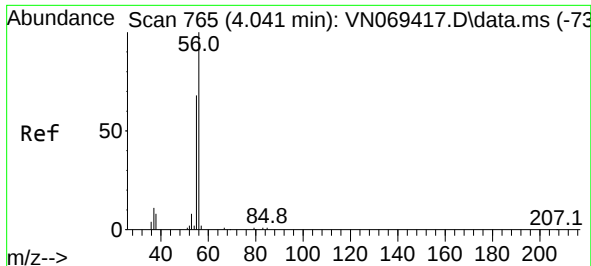
Tgt Ion: 50 Resp: 4569

Ion Ratio Lower Upper

50 100

52 30.0 25.4 38.0

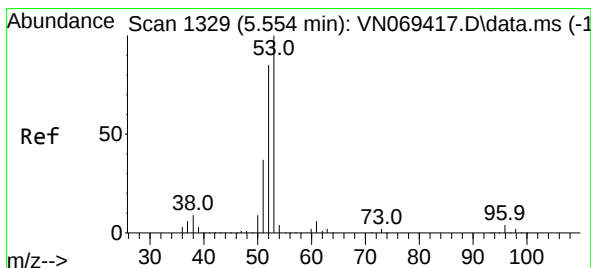
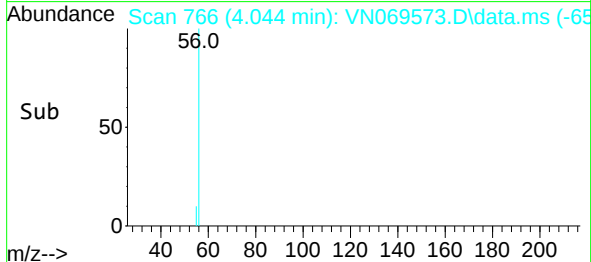
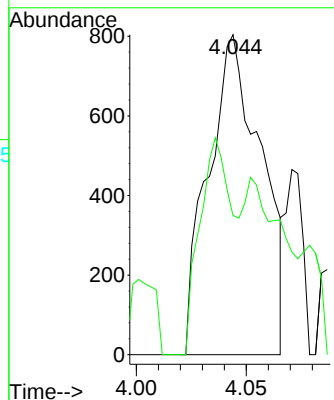
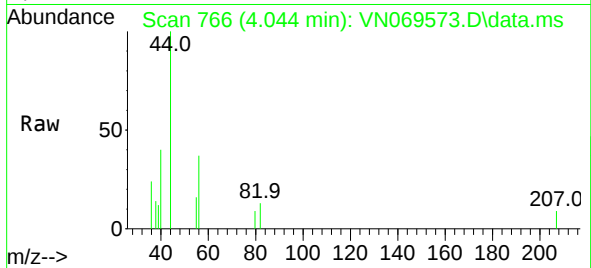




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 765
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

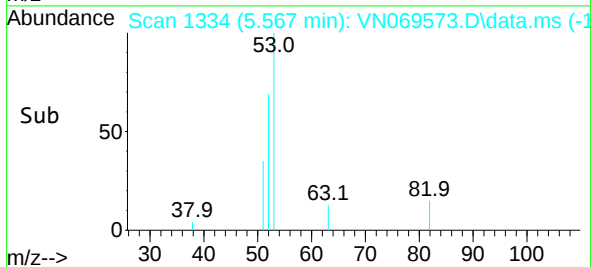
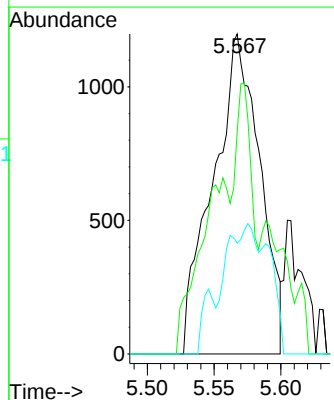
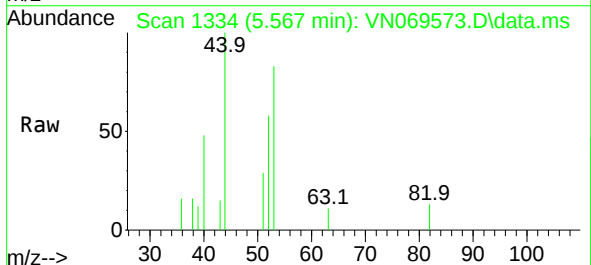
Instrument :
MSVOA_N
ClientSampleId :

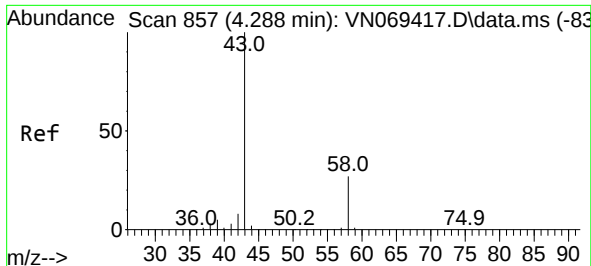
Tgt Ion: 56 Resp: 1348
Ion Ratio Lower Upper
56 100
55 42.2 56.6 85.0#



#15
Acrylonitrile
Concen: 0.337 ug/l
RT: 5.567 min Scan# 1334
Delta R.T. 0.013 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 53 Resp: 2924
Ion Ratio Lower Upper
53 100
52 17.7 66.2 99.2#
51 6.3 29.6 44.4#

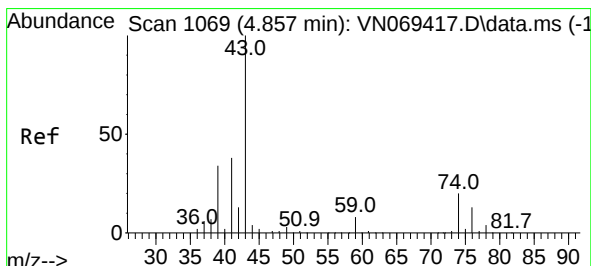
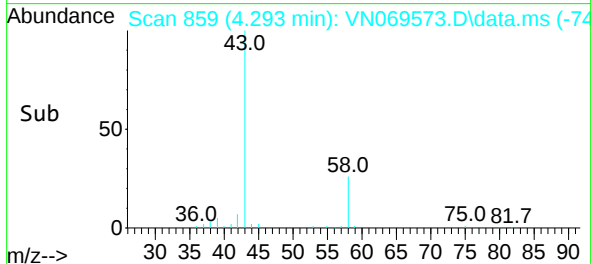
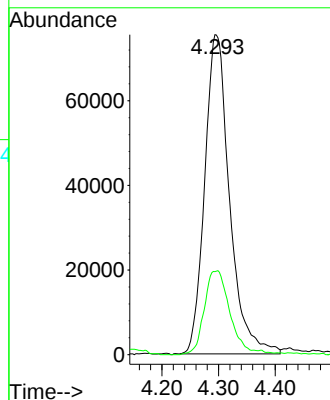
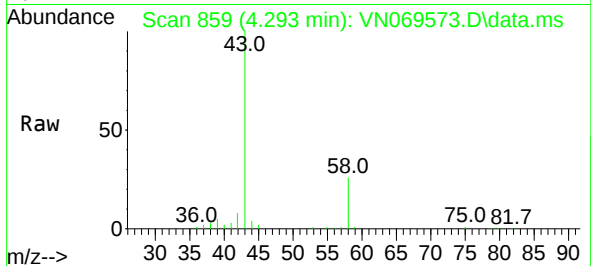




#16
Acetone
Concen: 22.685 ug/l
RT: 4.293 min Scan# 81
Delta R.T. 0.005 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

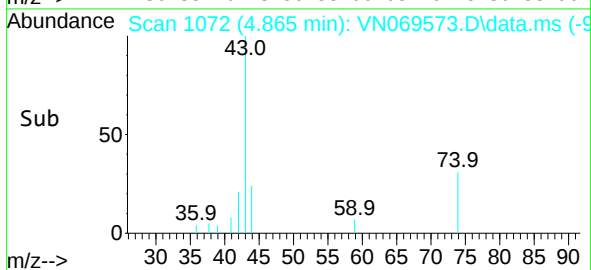
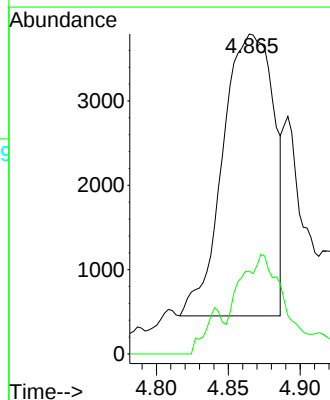
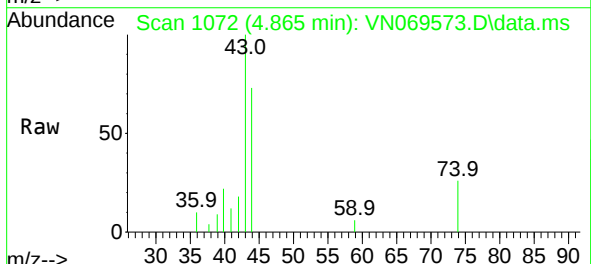
Instrument :
MSVOA_N
ClientSampleId :

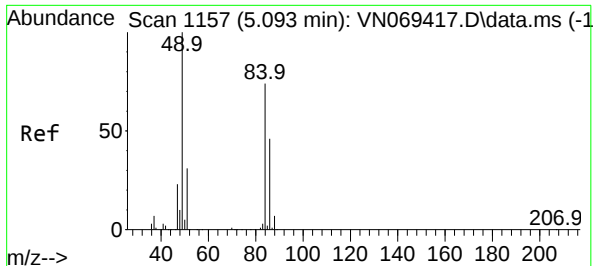
Tgt Ion: 43 Resp: 230250
Ion Ratio Lower Upper
43 100
58 26.0 23.1 34.7



#18
Methyl Acetate
Concen: 0.249 ug/l
RT: 4.865 min Scan# 1072
Delta R.T. 0.008 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

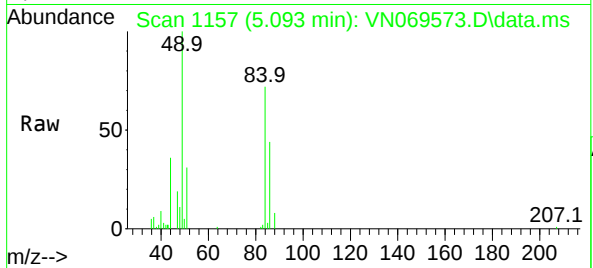
Tgt Ion: 43 Resp: 8227
Ion Ratio Lower Upper
43 100
74 24.4 19.4 29.2



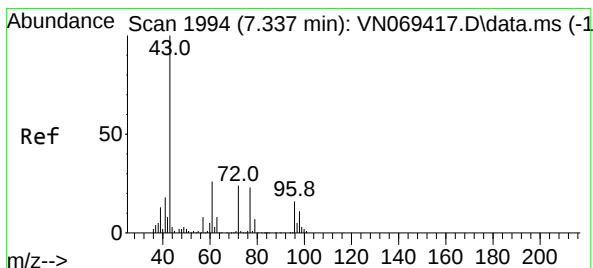
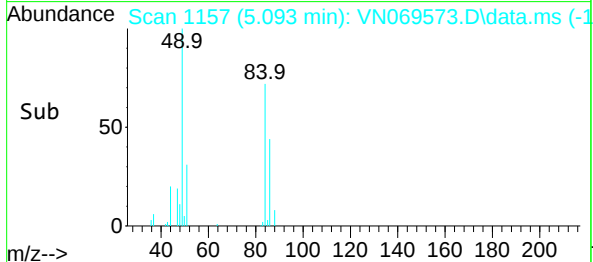
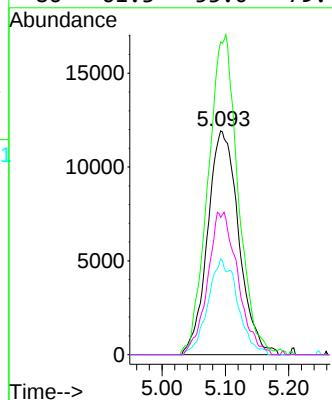


#20
Methylene Chloride
Concen: 2.832 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Instrument :
MSVOA_N
ClientSampleId :

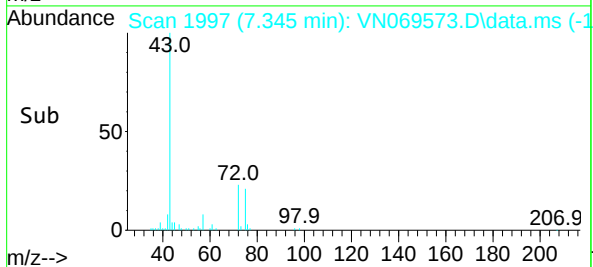
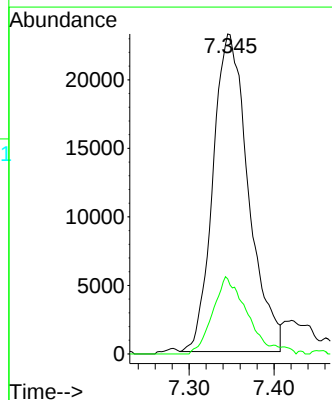
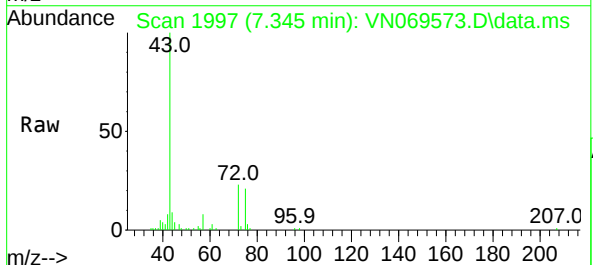


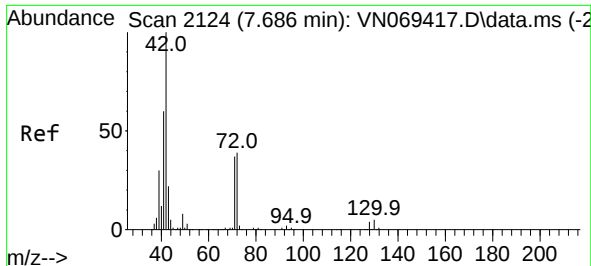
Tgt Ion:	84	Resp:	40756
Ion	Ratio	Lower	Upper
84	100		
49	139.7	93.5	140.3
51	42.8	29.4	44.2
86	61.3	53.0	79.4



#25
2-Butanone
Concen: 4.891 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion:	43	Resp:	67226
Ion	Ratio	Lower	Upper
43	100		
72	23.6	21.7	32.5





#29

Tetrahydrofuran

Concen: 3.297 ug/l

RT: 7.702 min Scan# 21

Delta R.T. 0.016 min

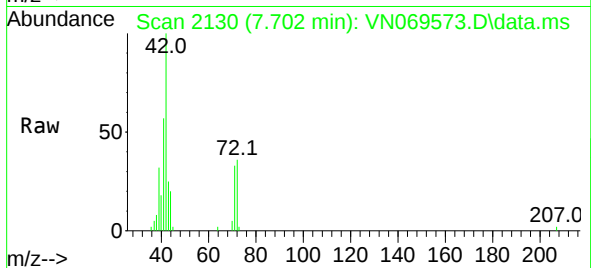
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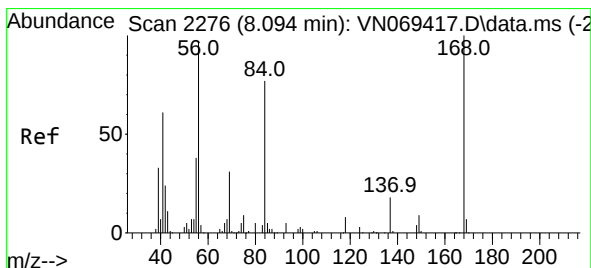
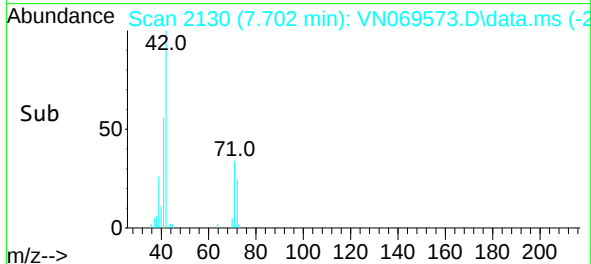
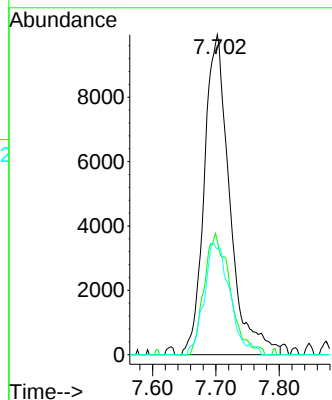
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	27811
Ion	Ratio	Lower	Upper
42	100		
72	38.0	36.3	54.5
71	34.1	34.7	52.1#



#31

Cyclohexane

Concen: 1.383 ug/l

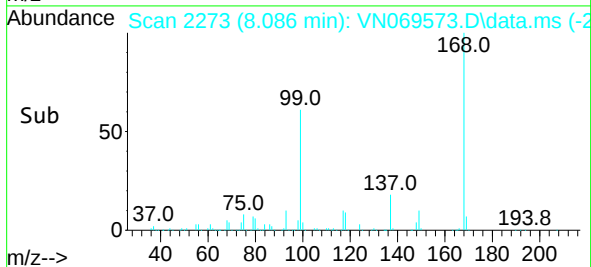
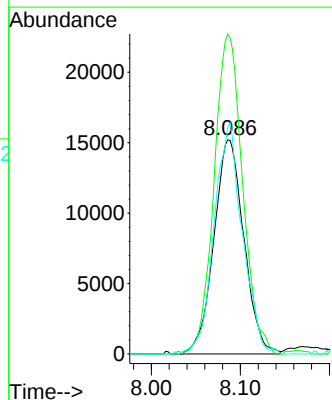
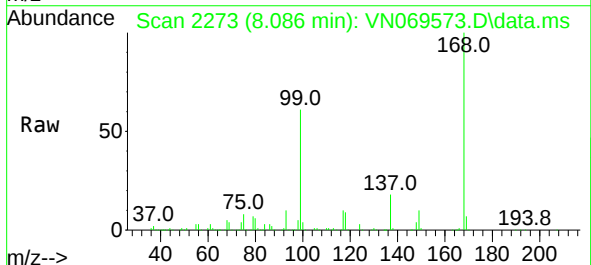
RT: 8.086 min Scan# 2273

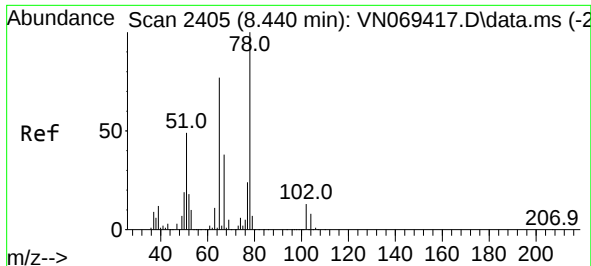
Delta R.T. -0.008 min

Lab File: VN069573.D

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Tgt Ion:	56	Resp:	35538
Ion	Ratio	Lower	Upper
56	100		
69	149.5	27.1	40.7#
84	105.9	73.4	110.0





#33

1,2-Dichloroethane-d4

Concen: 51.532 ug/l

RT: 8.440 min Scan# 24

Delta R.T. -0.000 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

Instrument :

MSVOA_N

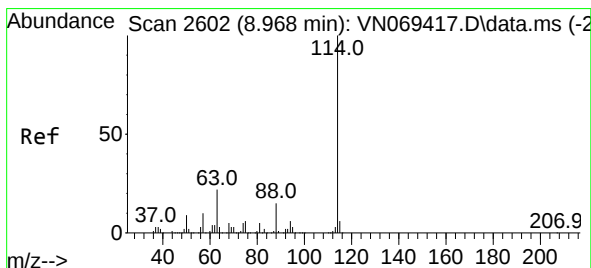
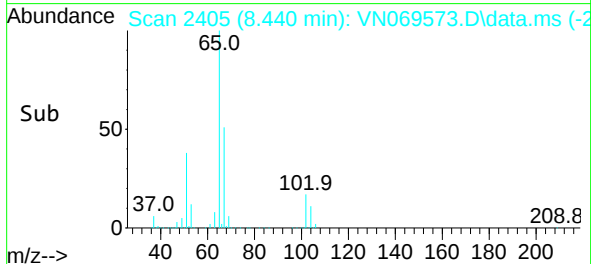
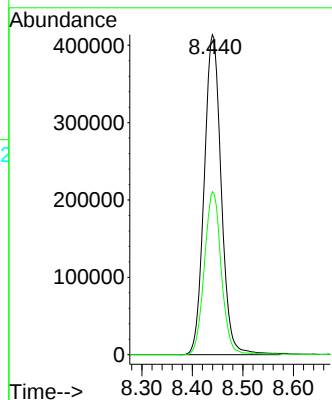
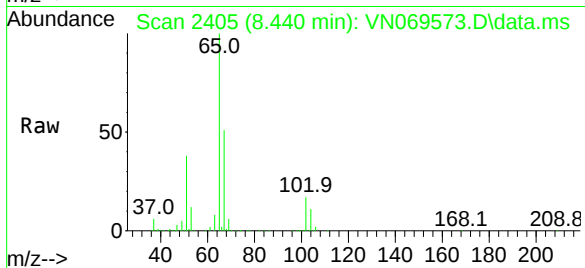
ClientSampleId :

Tgt Ion: 65 Resp: 969396

Ion Ratio Lower Upper

65 100

67 50.4 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.971 min Scan# 2603

Delta R.T. 0.003 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

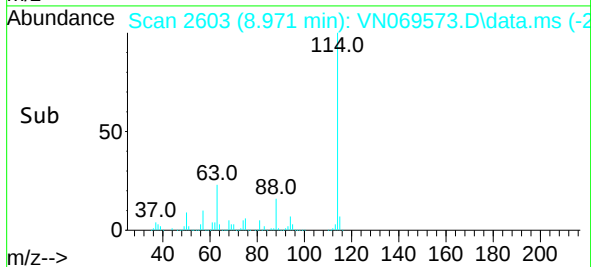
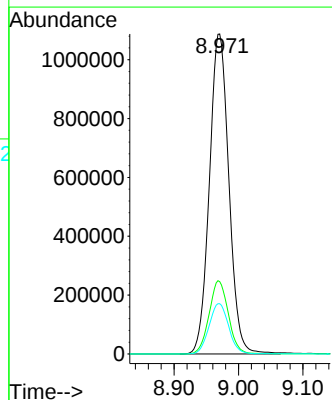
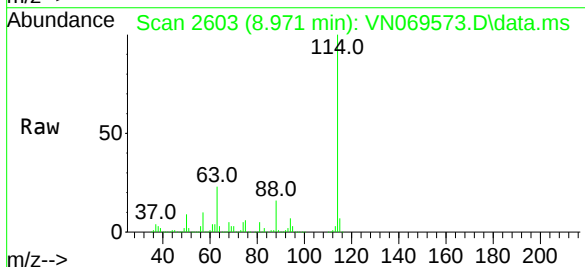
Tgt Ion: 114 Resp: 2282744

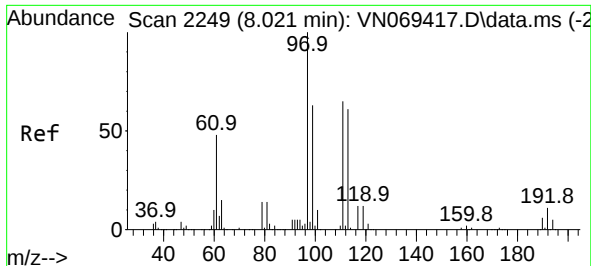
Ion Ratio Lower Upper

114 100

63 22.6 0.0 37.8

88 15.7 0.0 27.4

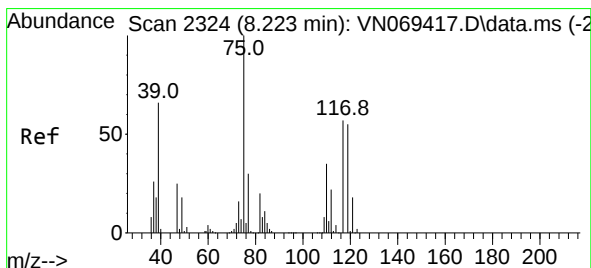
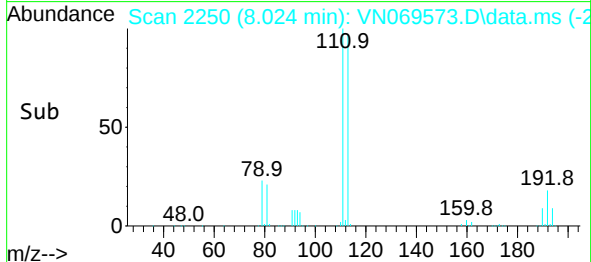
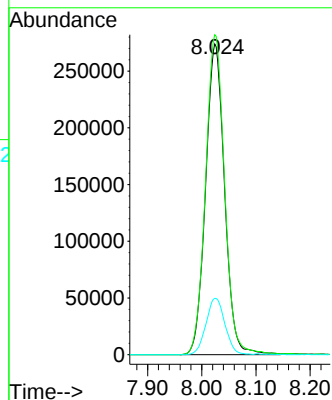
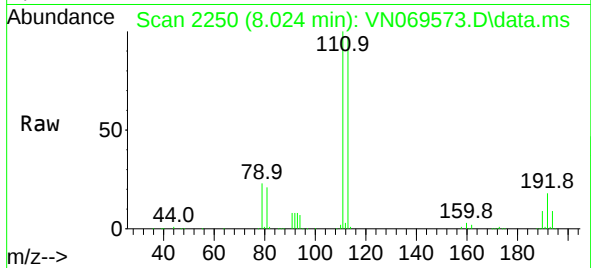




#35
Dibromofluoromethane
Concen: 48.781 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

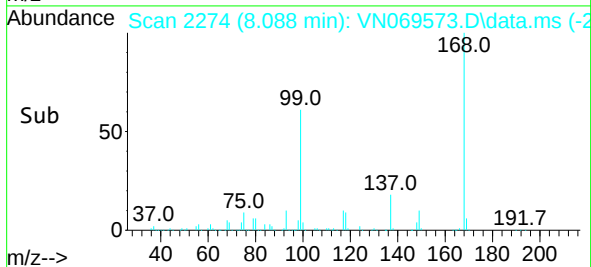
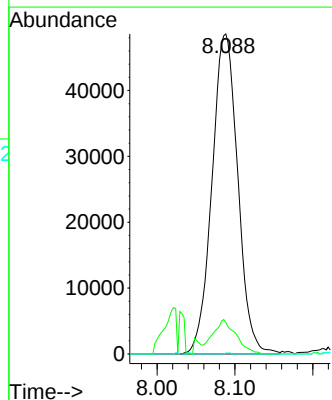
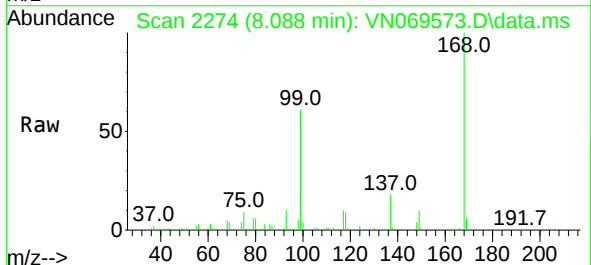
Instrument :
MSVOA_N
ClientSampleId :

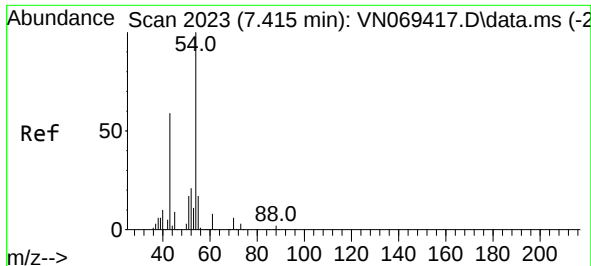
Tgt Ion:113 Resp: 667862
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.820 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 75 Resp: 111783
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.1 24.4 36.6#





#37

Ethyl Acetate

Concen: 2.589 ug/l

RT: 7.345 min Scan# 19

Delta R.T. -0.070 min

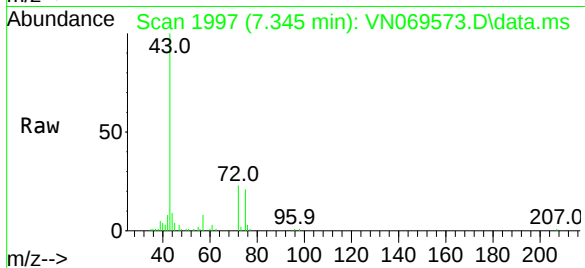
Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

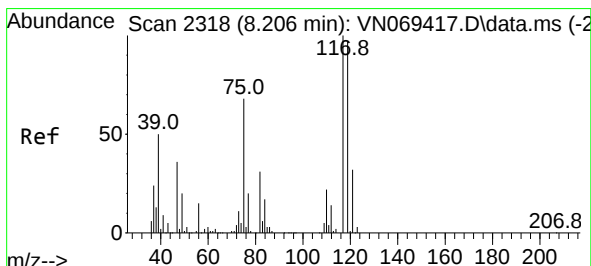
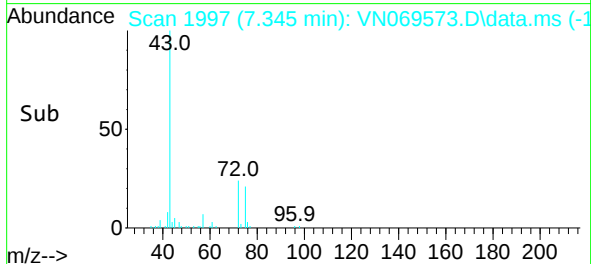
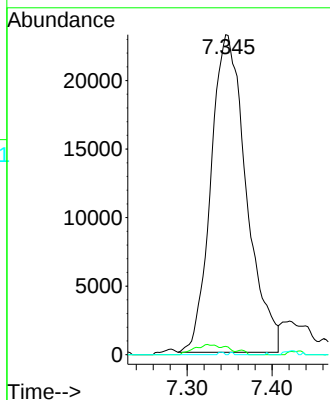
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	67226
Ion	Ratio	Lower	Upper
43	100		
61	0.3	11.5	17.3#
70	0.1	7.9	11.9#



#38

Carbon Tetrachloride

Concen: 7.298 ug/l

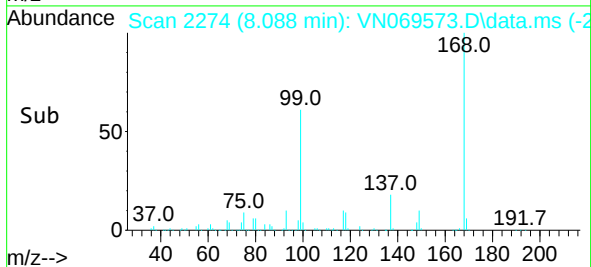
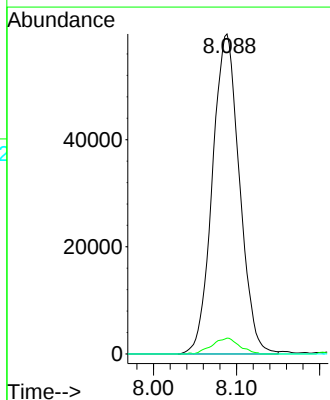
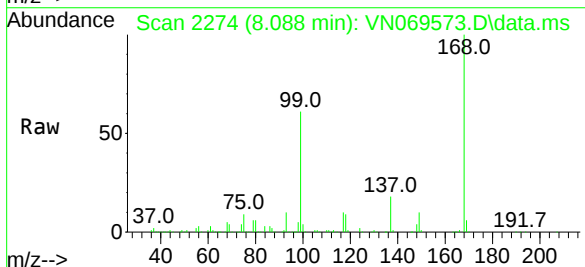
RT: 8.088 min Scan# 2274

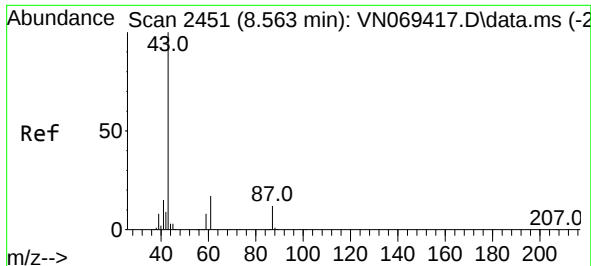
Delta R.T. -0.118 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

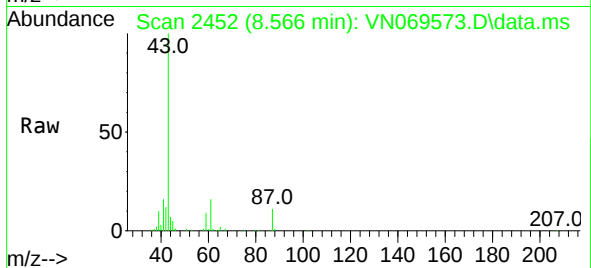
Tgt Ion:	117	Resp:	135331
Ion	Ratio	Lower	Upper
117	100		
119	4.9	76.1	114.1#
121	0.0	24.2	36.2#



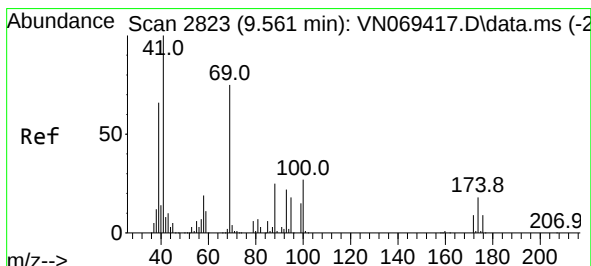
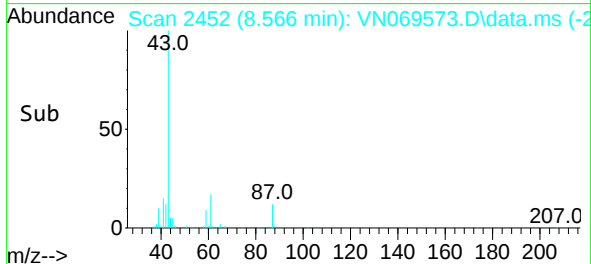
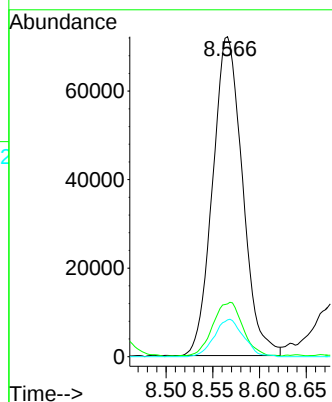


#43
Isopropyl Acetate
Concen: 3.845 ug/l
RT: 8.566 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Instrument :
MSVOA_N
ClientSampleId :

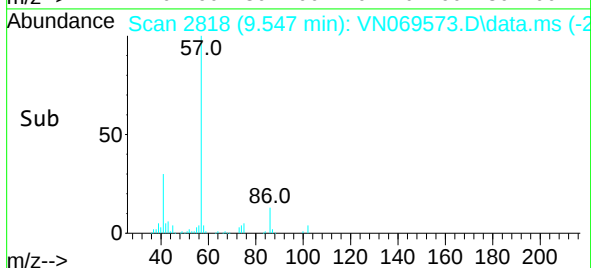
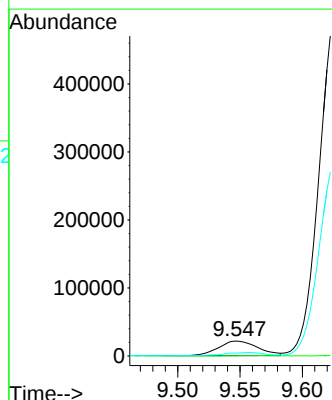
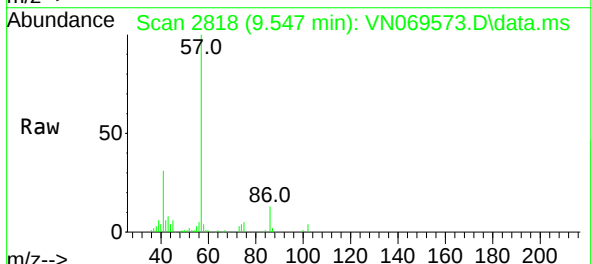


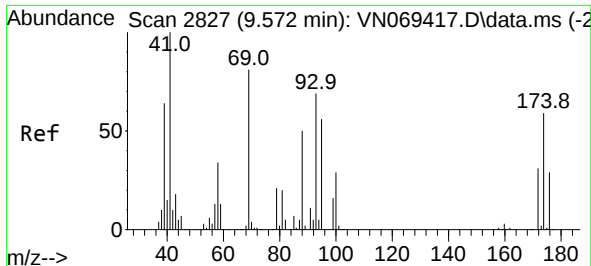
Tgt Ion: 43 Resp: 160338
Ion Ratio Lower Upper
43 100
61 17.7 20.4 30.6#
87 11.5 11.2 16.8



#48
Methyl methacrylate
Concen: 2.384 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.014 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 41 Resp: 46787
Ion Ratio Lower Upper
41 100
69 1.2 72.4 108.6#
39 0.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 39.432 ug/l

RT: 9.566 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

Instrument :

MSVOA_N

ClientSampleId :

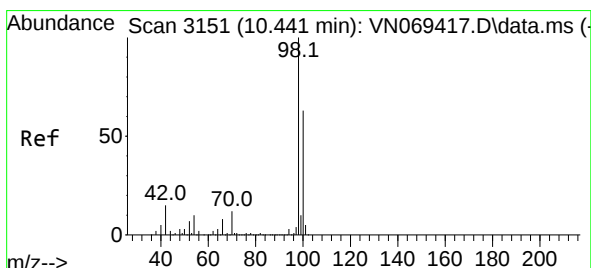
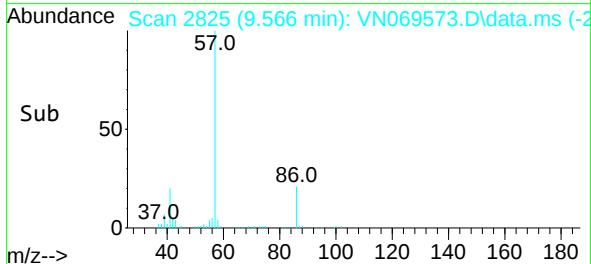
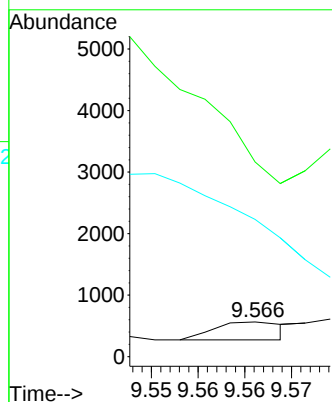
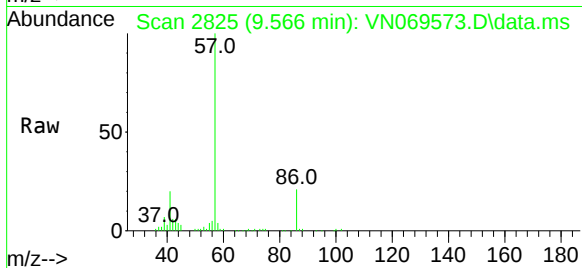
Tgt Ion: 88 Resp: 151

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 54.807 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069573.D

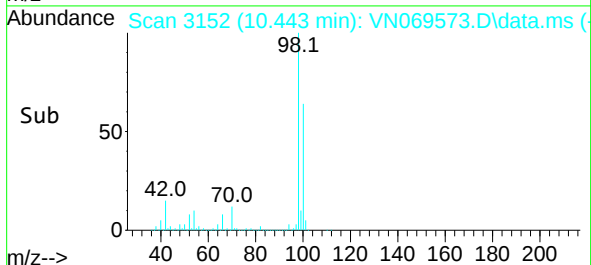
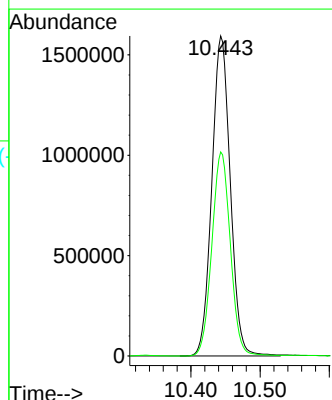
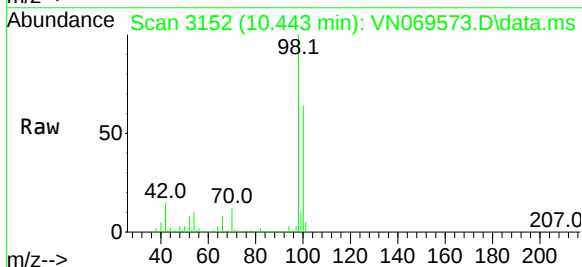
Acq: 19 Nov 2021 1:07

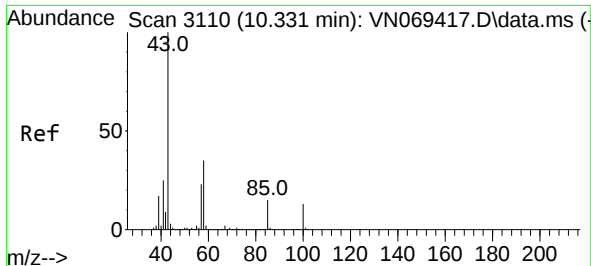
Tgt Ion: 98 Resp: 2951138

Ion Ratio Lower Upper

98 100

100 64.0 50.4 75.6

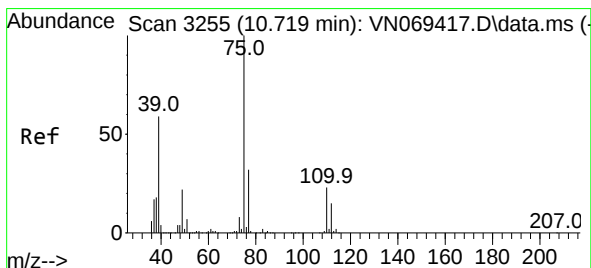
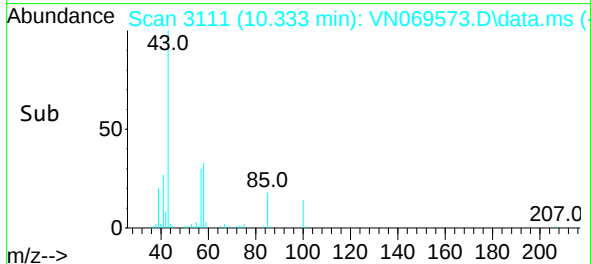
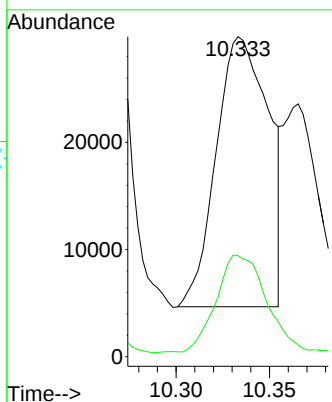
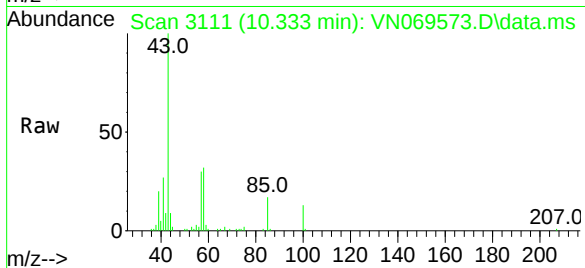




#51
4-Methyl-2-Pentanone
Concen: 1.827 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.002 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

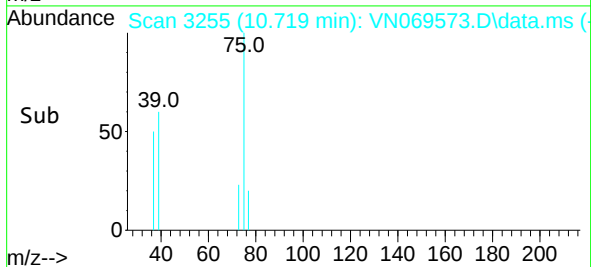
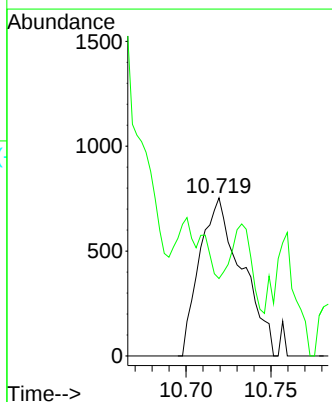
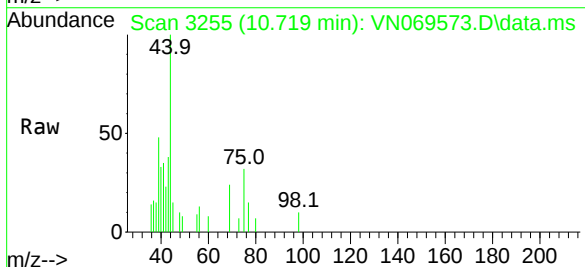
Instrument :
MSVOA_N
ClientSampleId :

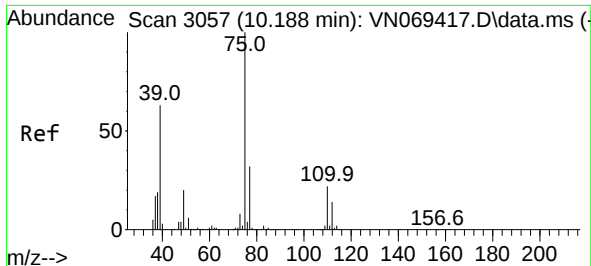
Tgt Ion: 43 Resp: 49169
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 2.688 ug/l
RT: 10.719 min Scan# 3255
Delta R.T. 0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 75 Resp: 1303
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#

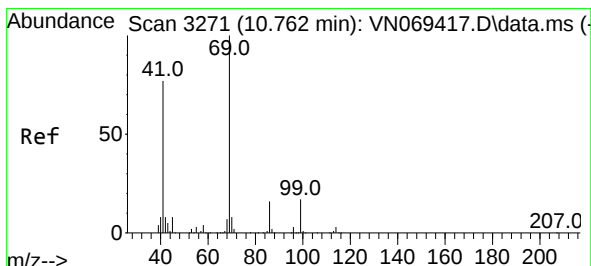
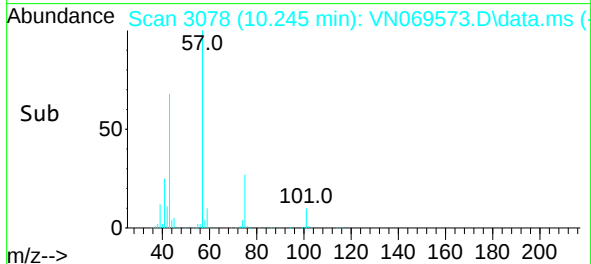
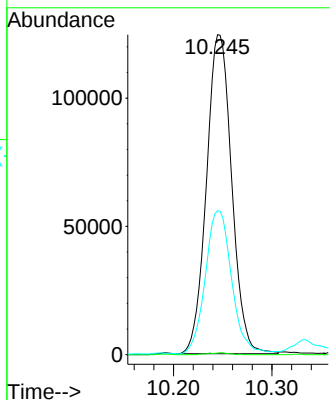
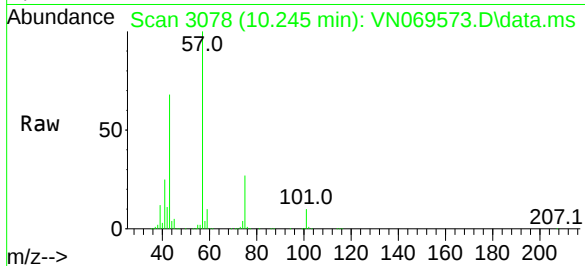




#54
 cis-1,3-Dichloropropene
 Concen: 10.073 ug/l
 RT: 10.245 min Scan# 3057
 Delta R.T. 0.057 min
 Lab File: VN069573.D
 Acq: 19 Nov 2021 1:07

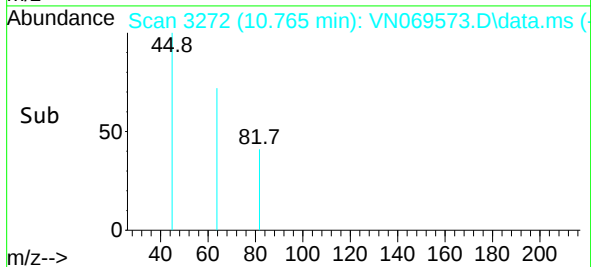
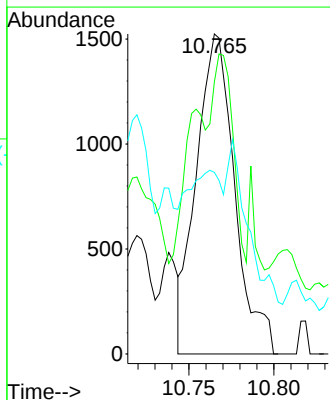
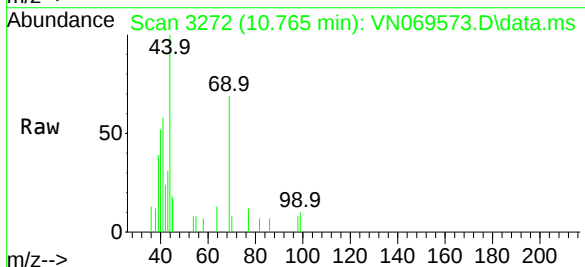
Instrument :
 MSVOA_N
 ClientSampleId :

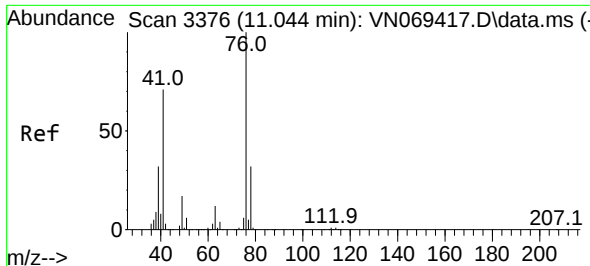
Tgt Ion: 75 Resp: 221633
 Ion Ratio Lower Upper
 75 100
 77 0.5 26.4 39.6#
 39 44.9 42.5 63.7



#56
 Ethyl methacrylate
 Concen: 2.135 ug/l
 RT: 10.765 min Scan# 3272
 Delta R.T. 0.003 min
 Lab File: VN069573.D
 Acq: 19 Nov 2021 1:07

Tgt Ion: 69 Resp: 2396
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.4 77.0#
 39 0.0 34.6 52.0#





#57

1,3-Dichloropropane

Concen: 5.178 ug/l

RT: 11.092 min Scan# 31

Delta R.T. 0.048 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

Instrument :

MSVOA_N

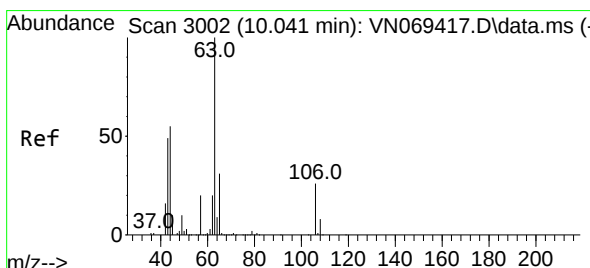
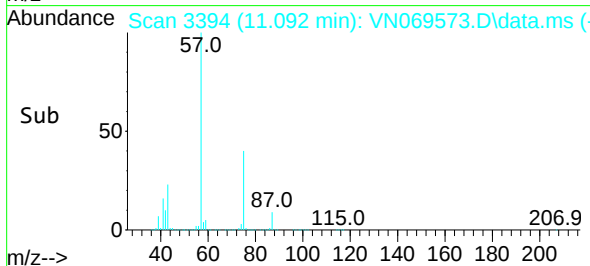
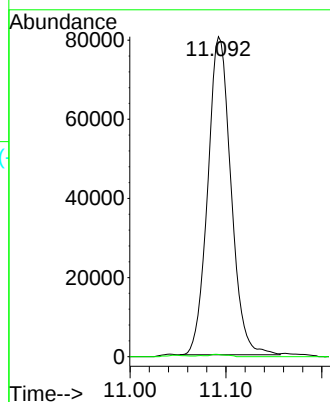
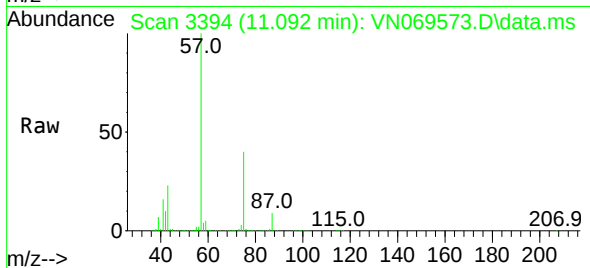
ClientSampleId :

Tgt Ion: 76 Resp: 135464

Ion Ratio Lower Upper

76 100

78 0.5 25.7 38.5#



#58

2-Chloroethyl Vinyl ether

Concen: 22.811 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.002 min

Lab File: VN069573.D

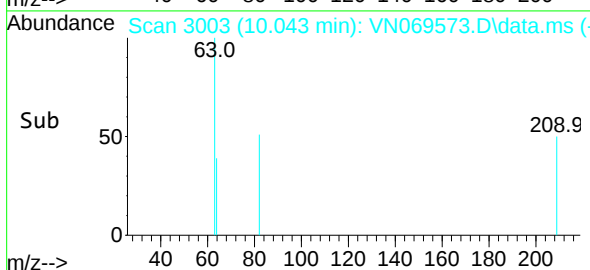
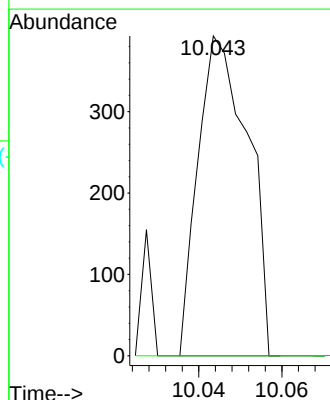
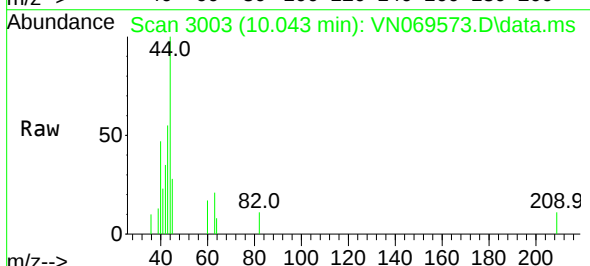
Acq: 19 Nov 2021 1:07

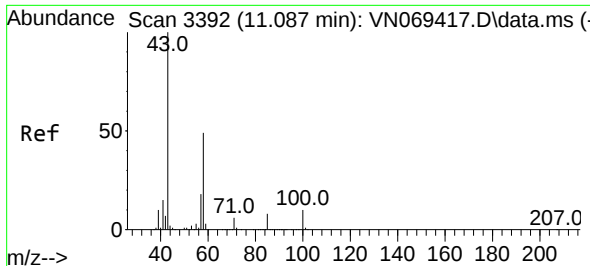
Tgt Ion: 63 Resp: 327

Ion Ratio Lower Upper

63 100

106 0.0 23.9 35.9#

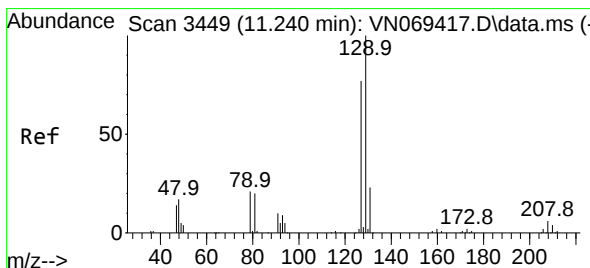
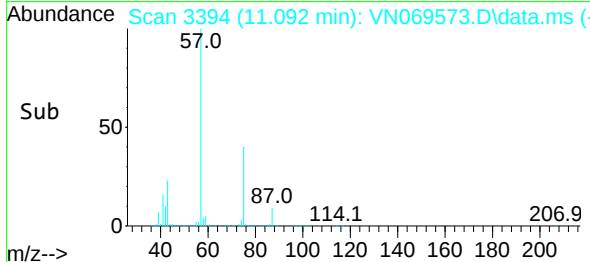
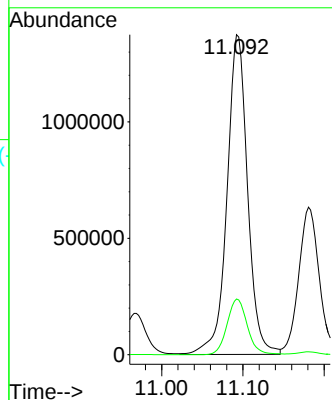
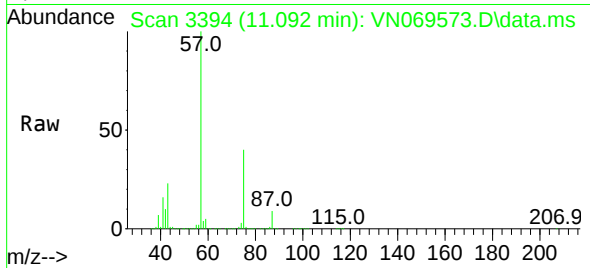




#59
2-Hexanone
Concen: 111.146 ug/l
RT: 11.092 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

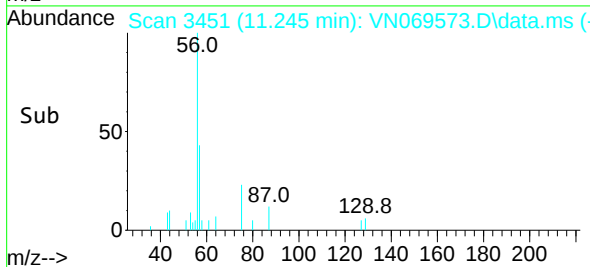
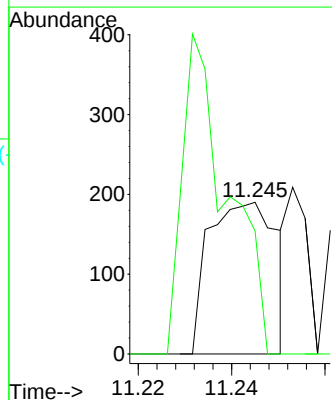
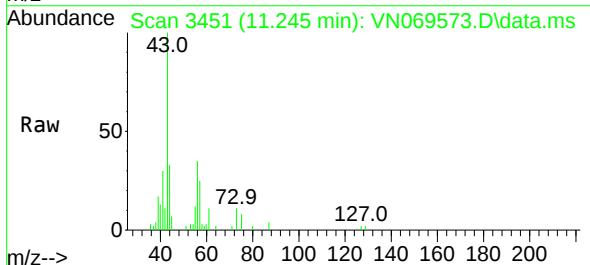
Instrument :
MSVOA_N
ClientSampleId :

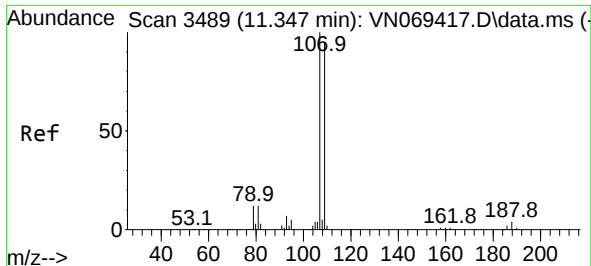
Tgt Ion: 43 Resp: 2422710
Ion Ratio Lower Upper
43 100
58 17.1 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.429 ug/l
RT: 11.245 min Scan# 3451
Delta R.T. 0.005 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 129 Resp: 191
Ion Ratio Lower Upper
129 100
127 140.3 38.6 116.0#

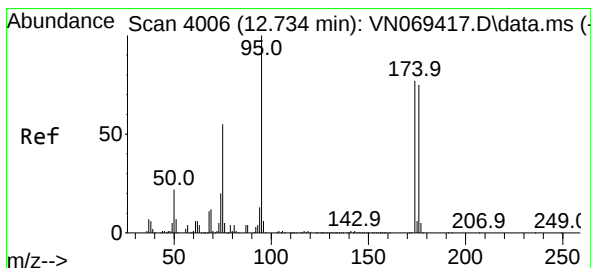
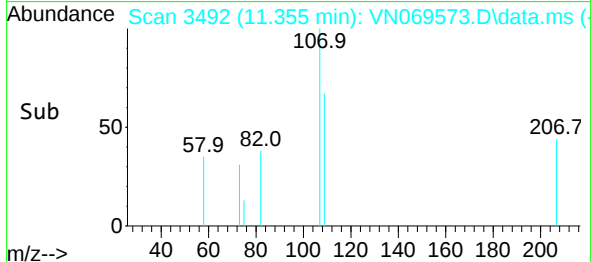
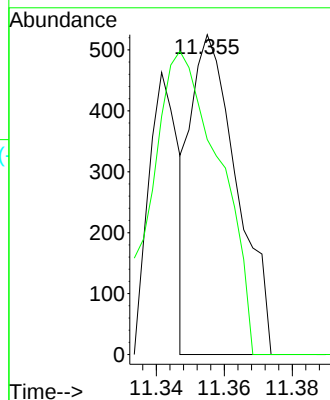
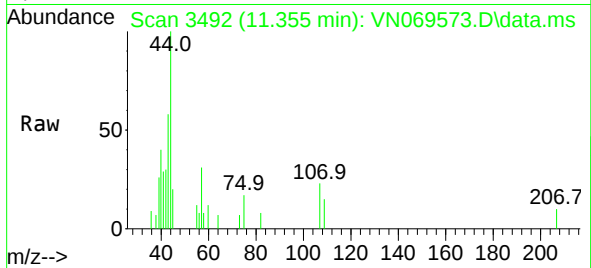




#61
1,2-Dibromoethane
Concen: 1.100 ug/l
RT: 11.355 min Scan# 3489
Delta R.T. 0.008 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

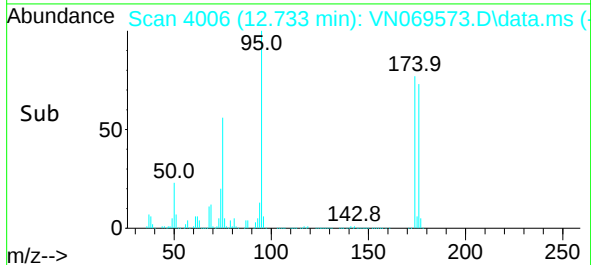
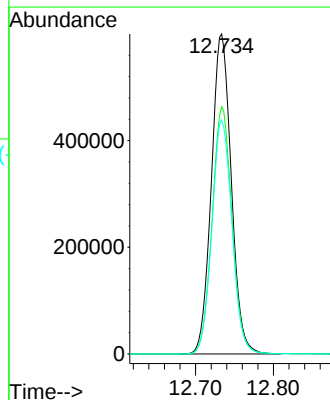
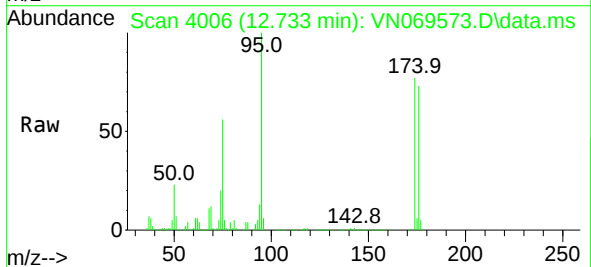
Instrument :
MSVOA_N
ClientSampleId :

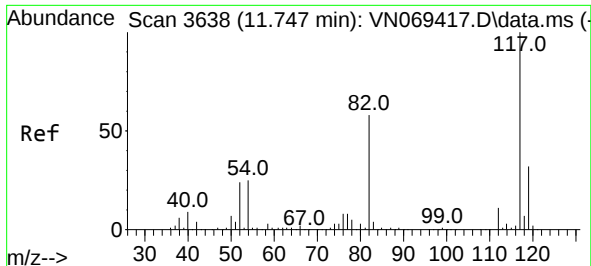
Tgt Ion:107 Resp: 498
Ion Ratio Lower Upper
107 100
109 0.0 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 53.752 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 95 Resp: 1063278
Ion Ratio Lower Upper
95 100
174 77.4 0.0 187.2
176 73.9 0.0 181.4

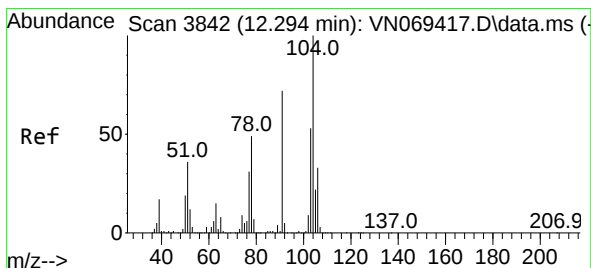
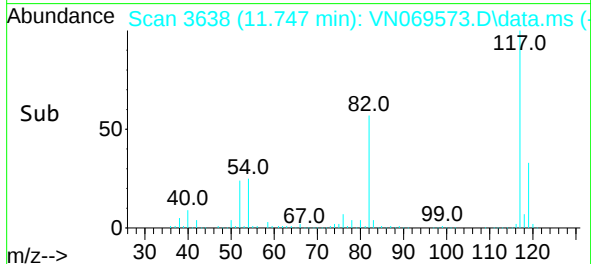
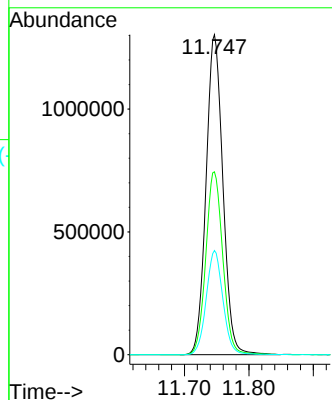
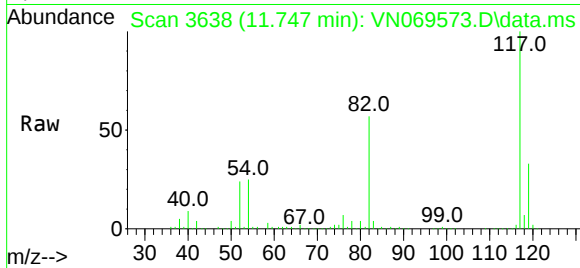




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

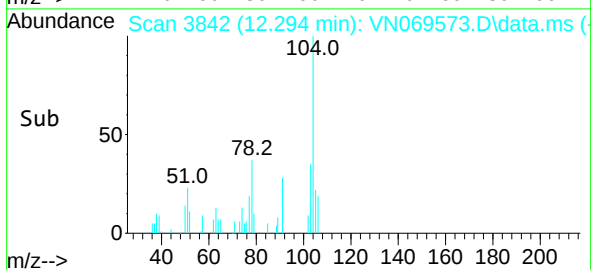
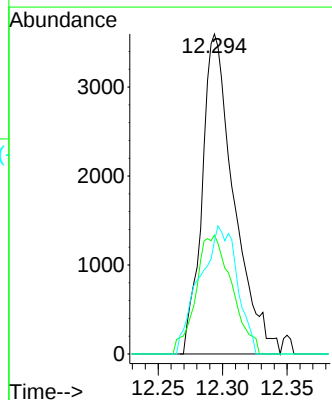
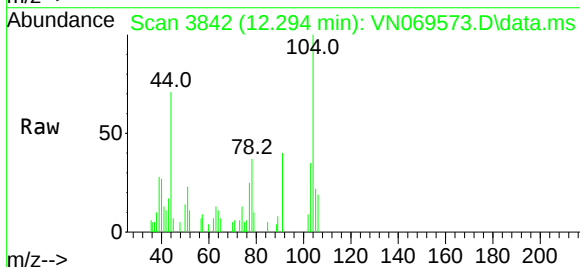
Instrument :
MSVOA_N
ClientSampleId :

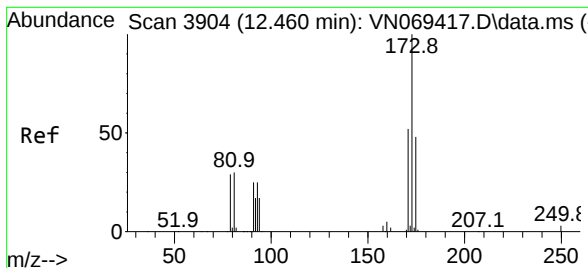
Tgt Ion:117 Resp: 2362531
Ion Ratio Lower Upper
117 100
82 57.2 42.4 63.6
119 32.6 25.4 38.2



#70
Styrene
Concen: 1.632 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion:104 Resp: 6172
Ion Ratio Lower Upper
104 100
78 42.1 38.7 58.1
103 47.2 45.0 67.6





#71

Bromoform

Concen: 3.463 ug/l

RT: 12.463 min Scan# 3905

Delta R.T. 0.003 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

Instrument :

MSVOA_N

ClientSampleId :

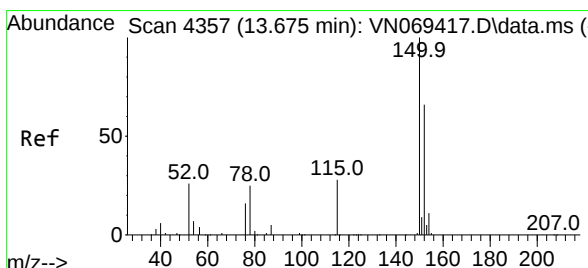
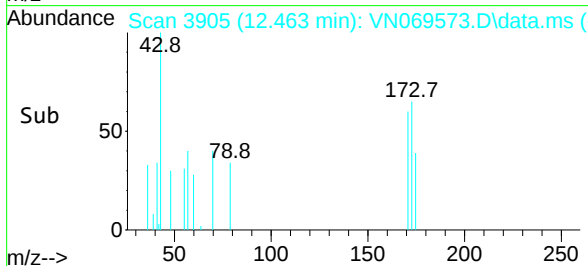
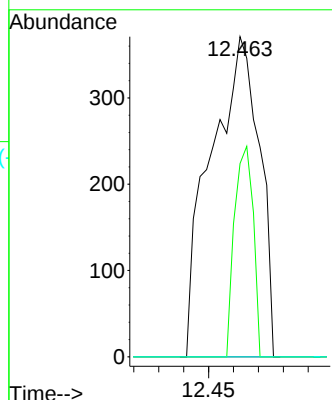
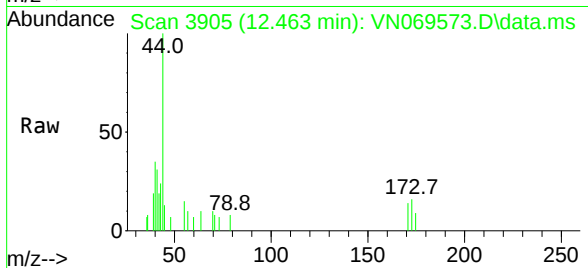
Tgt Ion:173 Resp: 501

Ion Ratio Lower Upper

173 100

175 0.0 24.2 72.6#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.678 min Scan# 4358

Delta R.T. 0.003 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

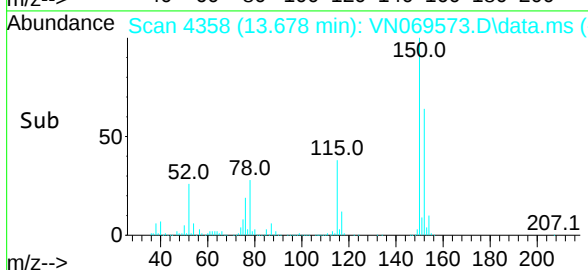
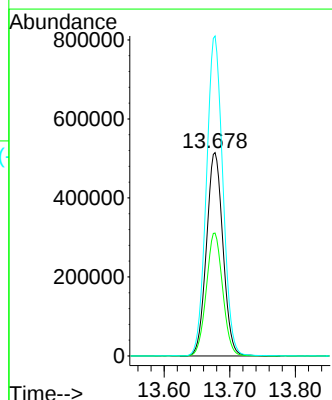
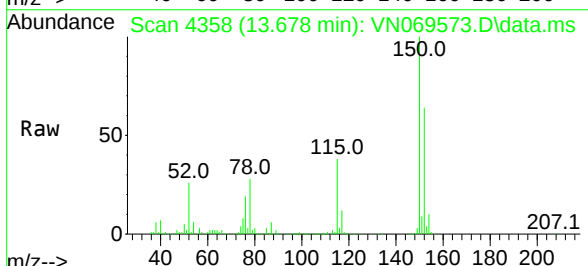
Tgt Ion:152 Resp: 897884

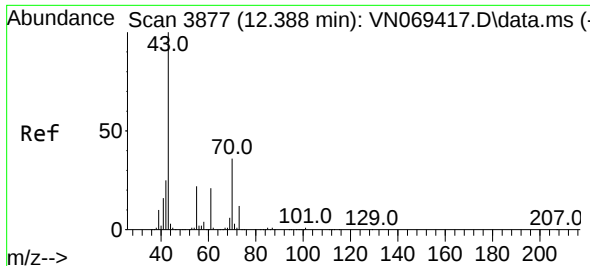
Ion Ratio Lower Upper

152 100

115 59.9 27.5 82.5

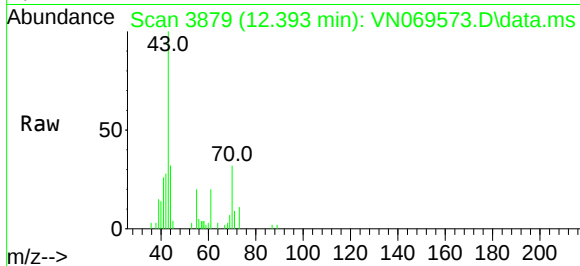
150 156.7 0.0 344.4



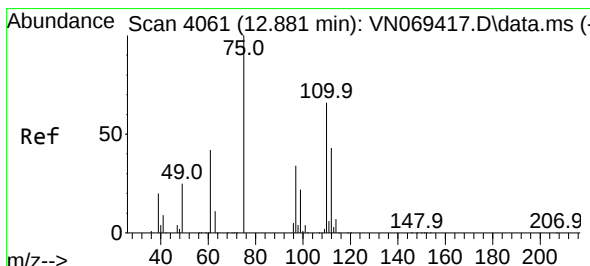
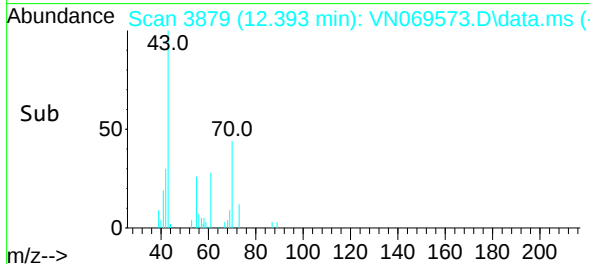
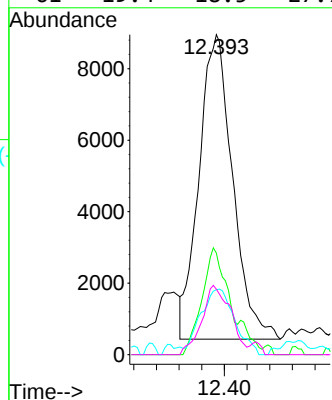


#74
N-amy1 acetate
Concen: 0.580 ug/l
RT: 12.393 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Instrument :
MSVOA_N
ClientSampleId :

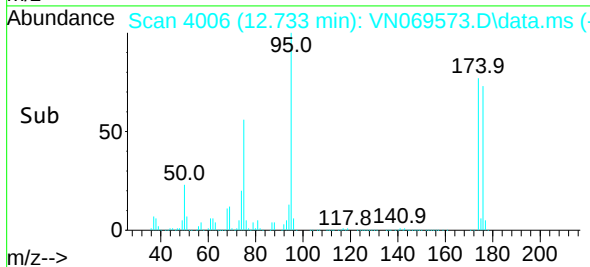
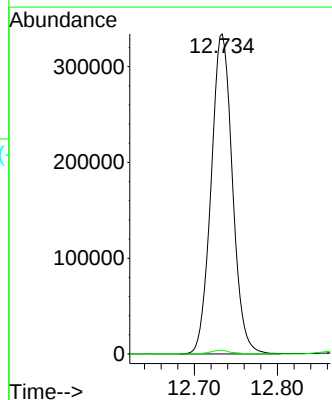
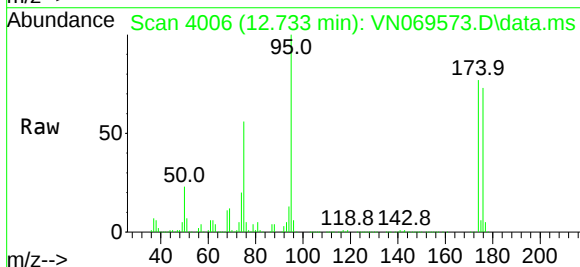


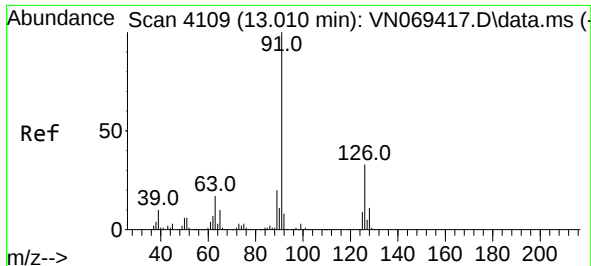
Tgt Ion: 43	Resp: 17570
Ion Ratio	Lower Upper
43 100	
70 26.3	33.4 50.0#
55 21.8	19.3 28.9
61 19.4	18.5 27.7



#76
1,2,3-Trichloropropane
Concen: 28.757 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 75	Resp: 595879
Ion Ratio	Lower Upper
75 100	
77 1.2	82.6 247.8#

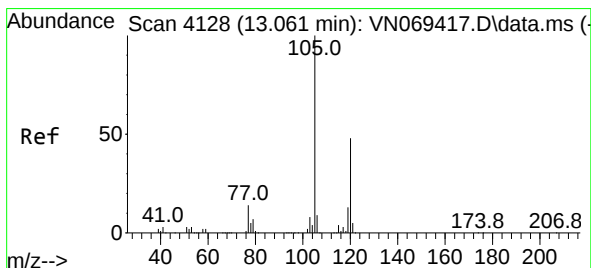
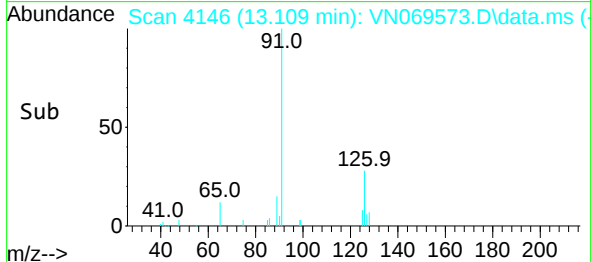
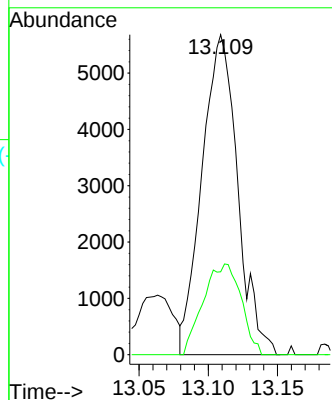
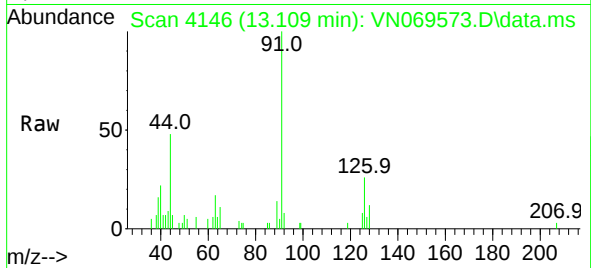




#79
2-Chlorotoluene
Concen: 0.204 ug/l
RT: 13.109 min Scan# 4109
Delta R.T. 0.099 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

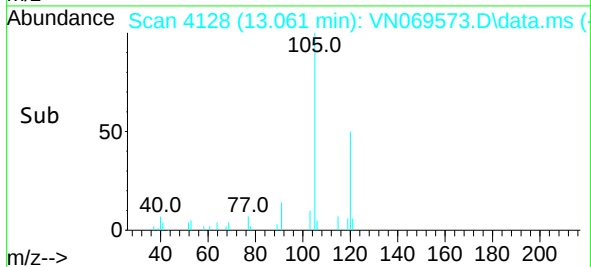
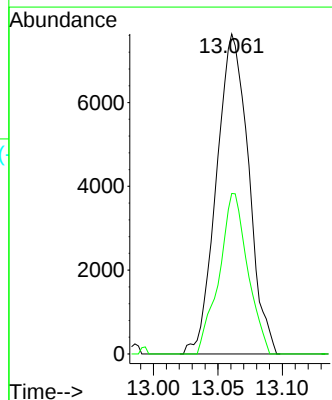
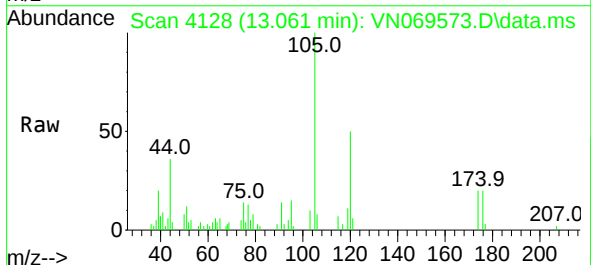
Instrument :
MSVOA_N
ClientSampleId :

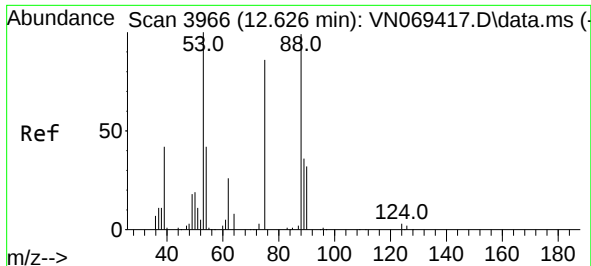
Tgt Ion: 91 Resp: 10182
Ion Ratio Lower Upper
91 100
126 30.0 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 0.229 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. -0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

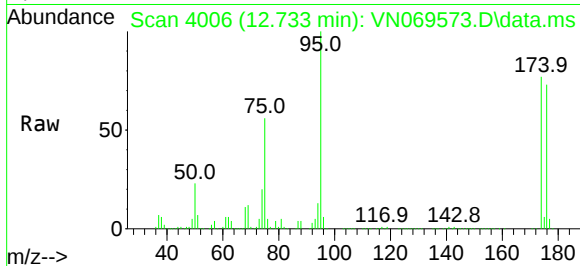
Tgt Ion: 105 Resp: 13206
Ion Ratio Lower Upper
105 100
120 44.5 24.6 73.6



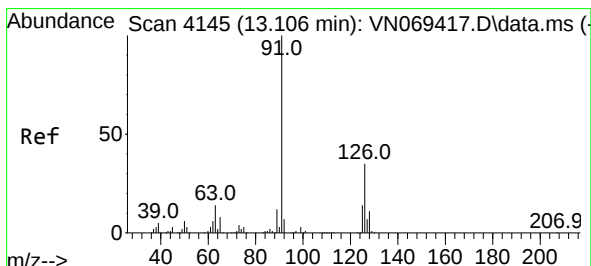
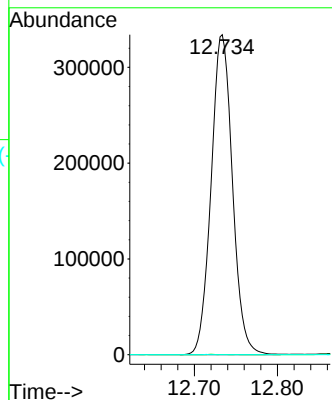
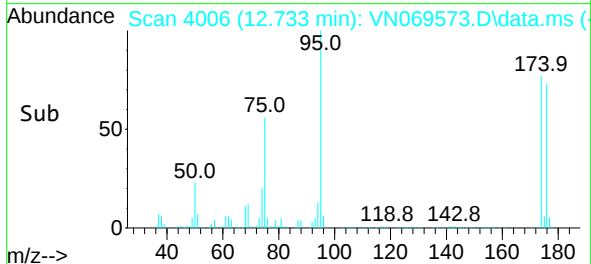


#81
trans-1,4-Dichloro-2-butene
Concen: 81.480 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Instrument :
MSVOA_N
ClientSampleId :

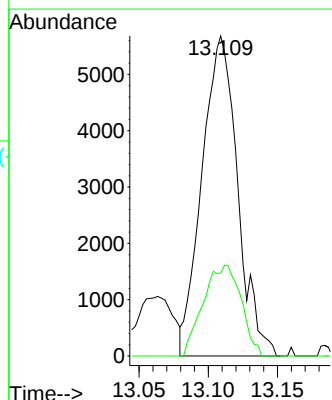
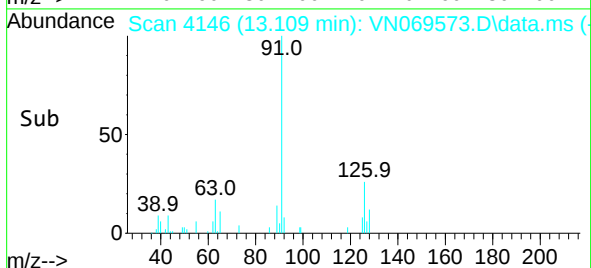
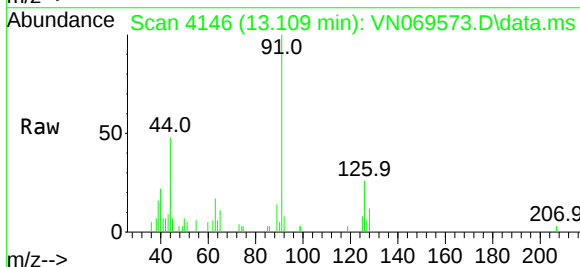


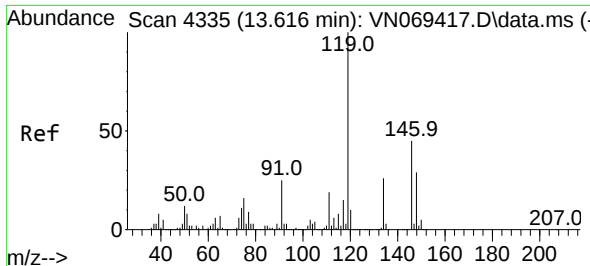
Tgt Ion: 75 Resp: 595879
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.214 ug/l
RT: 13.109 min Scan# 4146
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 91 Resp: 10182
Ion Ratio Lower Upper
91 100
126 30.0 18.2 54.6

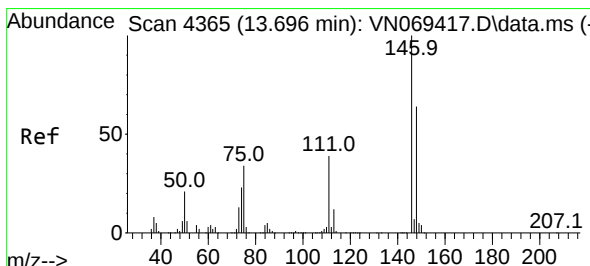
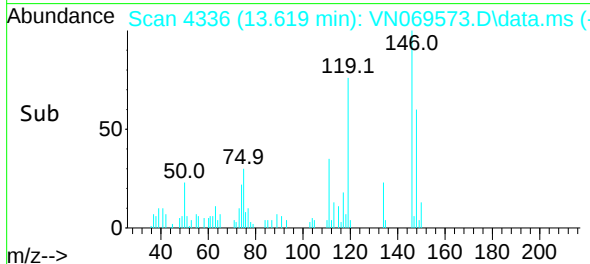
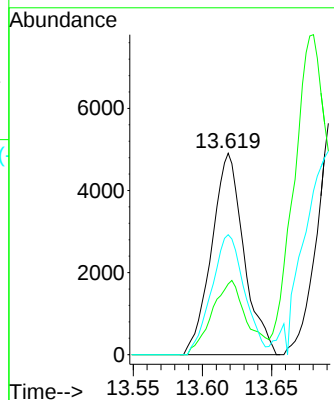
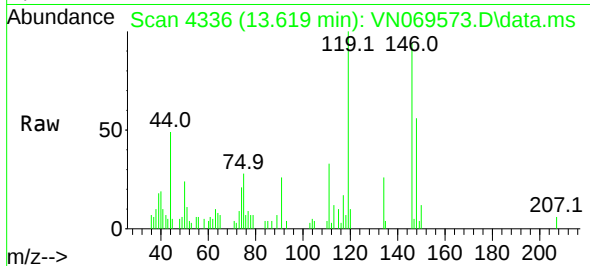




#87
1,3-Dichlorobenzene
Concen: 0.280 ug/l
RT: 13.619 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

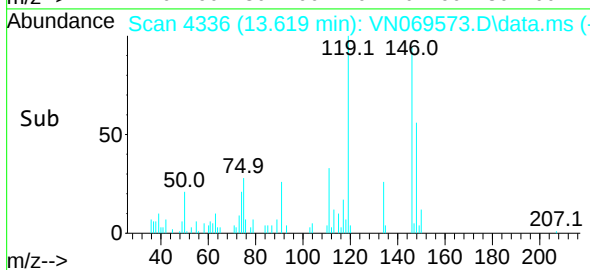
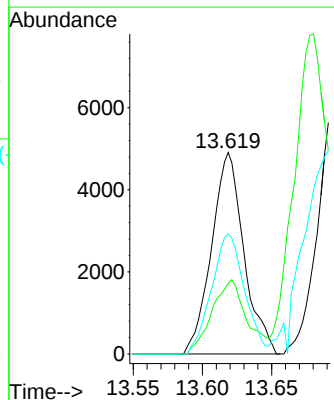
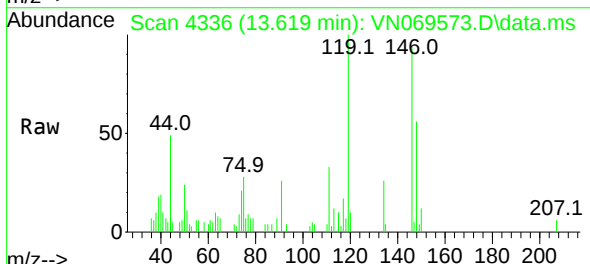
Instrument :
MSVOA_N
ClientSampleId :

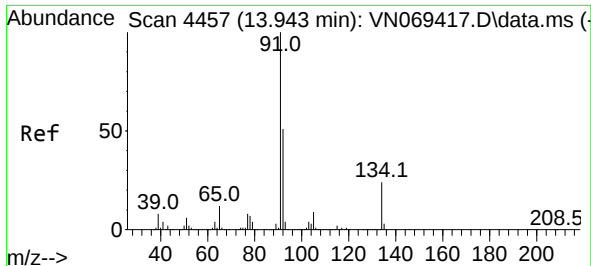
Tgt Ion:146 Resp: 7948
Ion Ratio Lower Upper
146 100
111 39.8 18.6 55.6
148 60.5 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 0.286 ug/l
RT: 13.619 min Scan# 4336
Delta R.T. -0.077 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

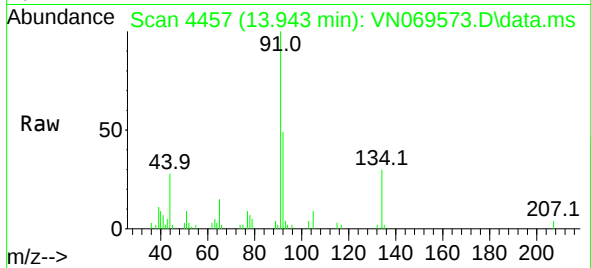
Tgt Ion:146 Resp: 7948
Ion Ratio Lower Upper
146 100
111 39.8 18.3 54.8
148 60.5 31.8 95.4



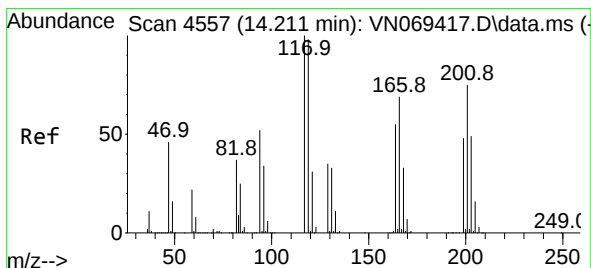
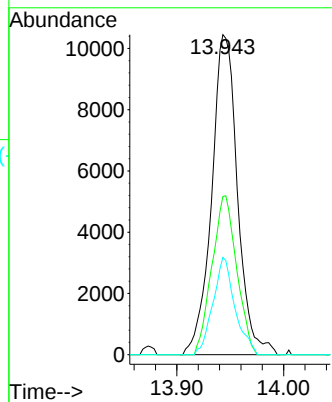
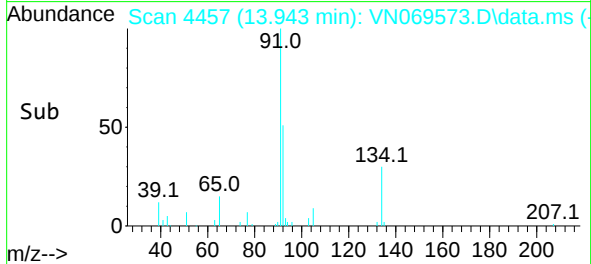


#89
n-Butylbenzene
Concen: 0.376 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Instrument :
MSVOA_N
ClientSampleId :

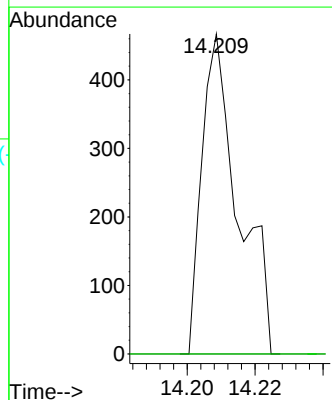
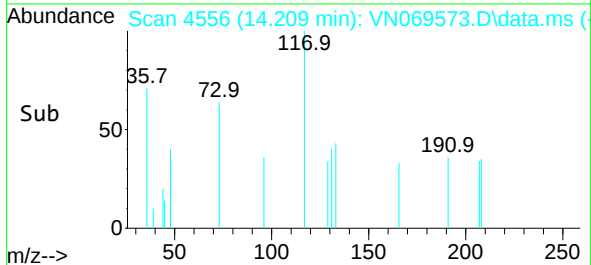
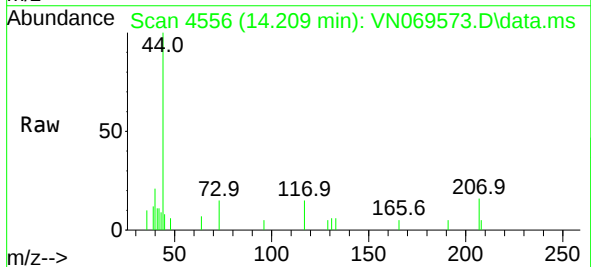


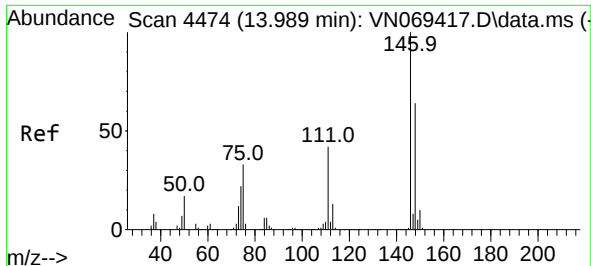
Tgt Ion: 91 Resp: 17605
Ion Ratio Lower Upper
91 100
92 47.3 25.4 76.0
134 25.7 13.6 40.8



#90
Hexachloroethane
Concen: 2.194 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.002 min
Lab File: VN069573.D
Acq: 19 Nov 2021 1:07

Tgt Ion: 117 Resp: 346
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#





#91

1,2-Dichlorobenzene

Concen: 0.330 ug/l

RT: 13.989 min Scan# 4474

Delta R.T. -0.000 min

Lab File: VN069573.D

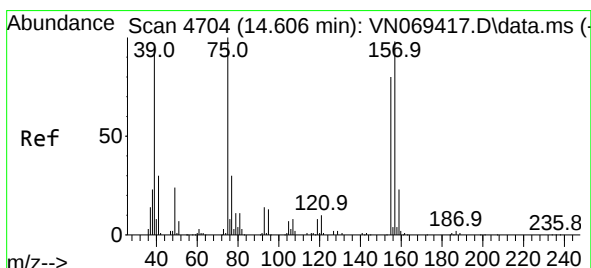
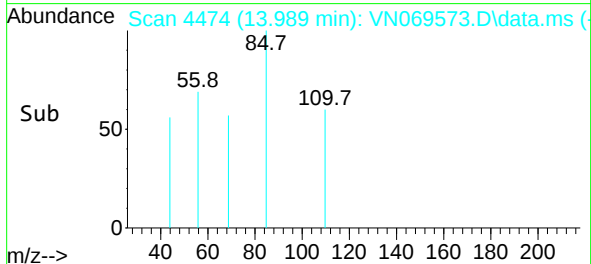
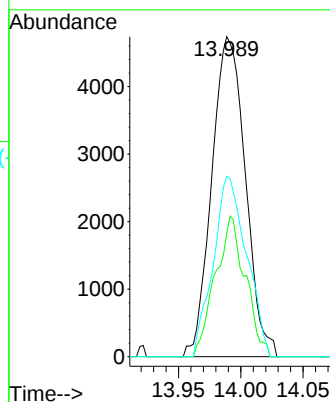
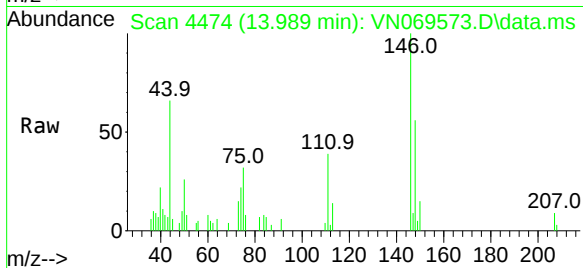
Acq: 19 Nov 2021 1:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	146	Resp:	8891
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.1	57.3
148	55.9	32.1	96.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.117 ug/l

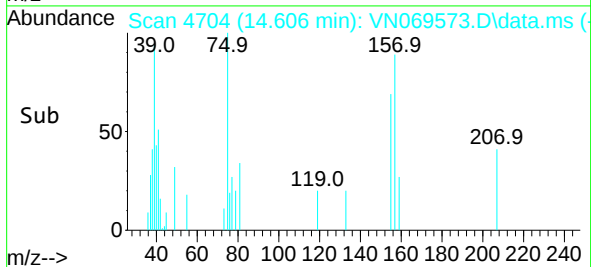
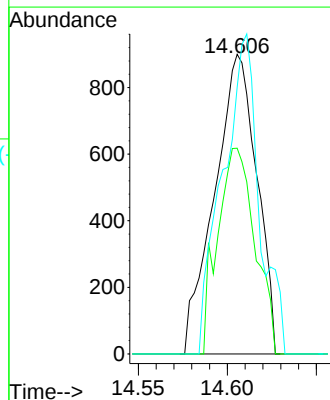
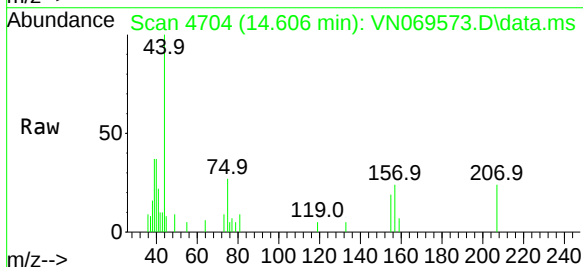
RT: 14.606 min Scan# 4704

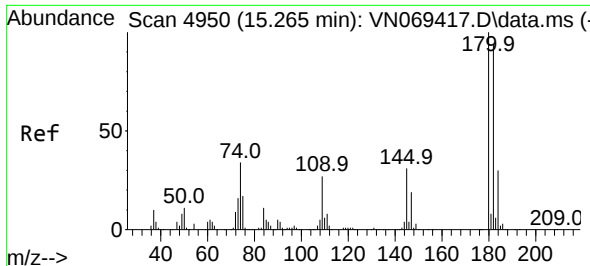
Delta R.T. -0.000 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

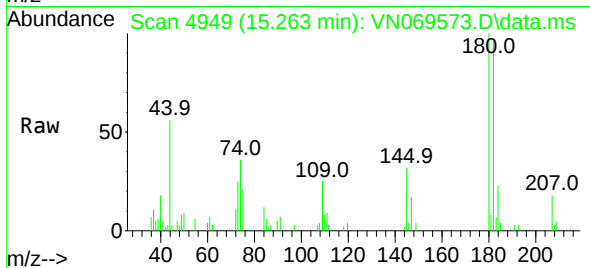
Tgt Ion:	75	Resp:	1487
Ion	Ratio	Lower	Upper
75	100		
155	60.6	46.9	140.7
157	92.1	60.6	181.7



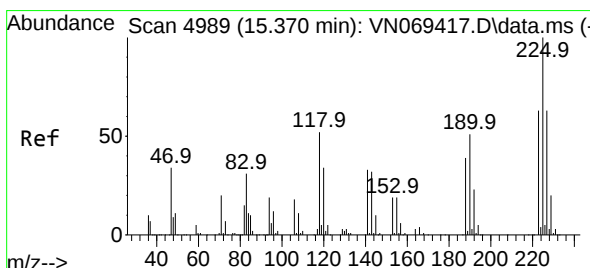
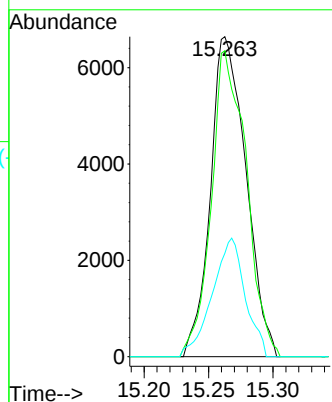
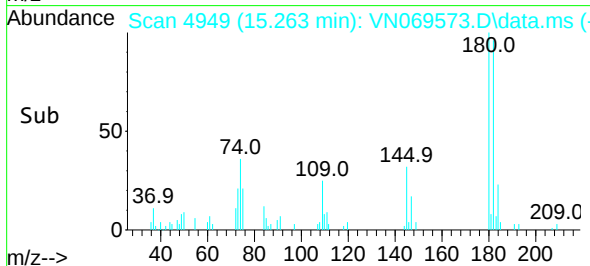


#93
 1,2,4-Trichlorobenzene
 Concen: 3.958 ug/l
 RT: 15.263 min Scan# 4950
 Delta R.T. -0.002 min
 Lab File: VN069573.D
 Acq: 19 Nov 2021 1:07

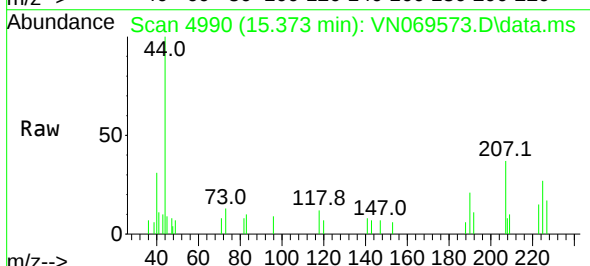
Instrument :
 MSVOA_N
 ClientSampleId :



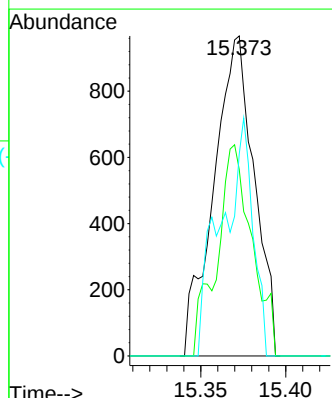
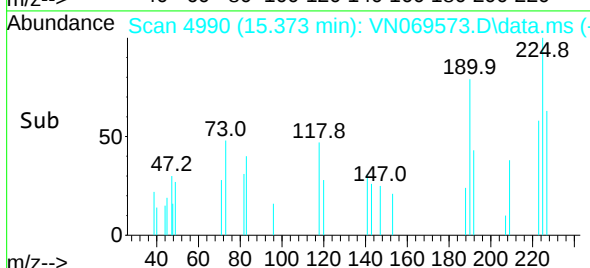
Tgt Ion:180 Resp: 12725
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.3 144.9
 145 34.4 14.5 43.5

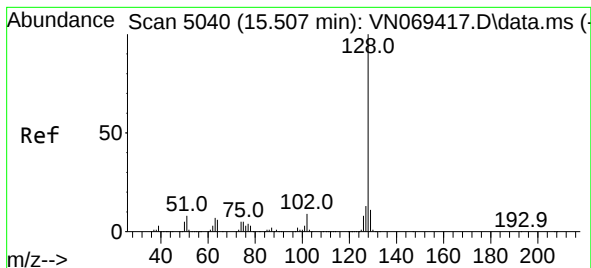


#94
 Hexachlorobutadiene
 Concen: 0.229 ug/l
 RT: 15.373 min Scan# 4990
 Delta R.T. 0.003 min
 Lab File: VN069573.D
 Acq: 19 Nov 2021 1:07



Tgt Ion:225 Resp: 1603
 Ion Ratio Lower Upper
 225 100
 223 57.3 31.9 95.7
 227 31.9 32.1 96.3#





#95

Naphthalene

Concen: 5.842 ug/l

RT: 15.512 min Scan# 5040

Delta R.T. 0.005 min

Lab File: VN069573.D

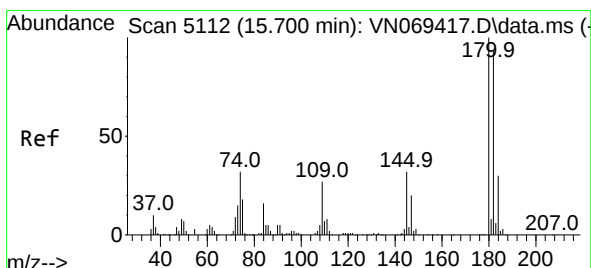
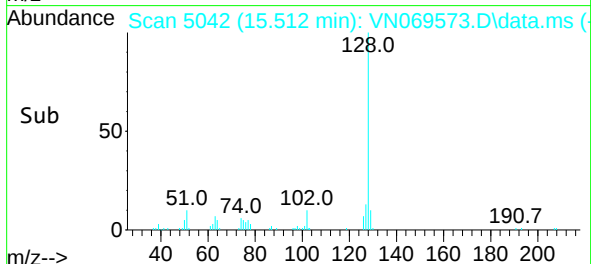
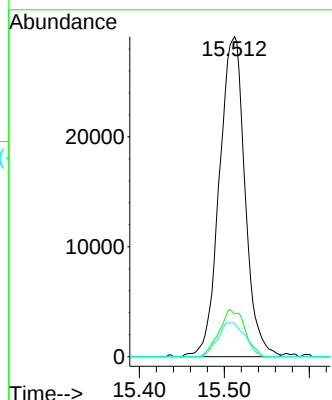
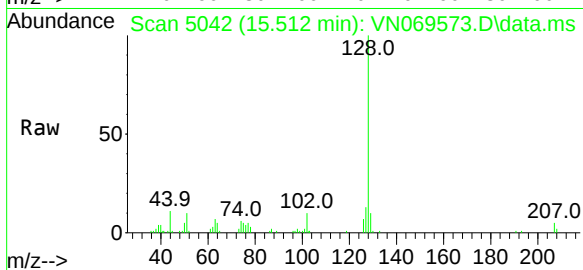
Acq: 19 Nov 2021 1:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	60839
Ion Ratio	Lower	Upper
128	100	
127	14.9	10.5 15.7
129	11.2	8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.187 ug/l

RT: 15.702 min Scan# 5113

Delta R.T. 0.002 min

Lab File: VN069573.D

Acq: 19 Nov 2021 1:07

Tgt Ion:180	Resp:	14676
Ion Ratio	Lower	Upper
180	100	
182	99.3	47.4 142.2
145	30.3	15.0 45.1

