

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012822\
 Data File : VN070823.D
 Acq On : 28 Jan 2022 12:47
 Operator : JC/MD
 Sample : PB142316TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316TB

Quant Time: Jan 28 23:16:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene		8.086	168	724845	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene		8.968	114	1179908	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.744	117	1102709	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.675	152	415983	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.440	65	521223	50.175	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.340%	
35) Dibromofluoromethane		8.021	113	349198	47.711	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.420%	
50) Toluene-d8		10.440	98	1501355	48.693	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.380%	
62) 4-Bromofluorobenzene		12.731	95	501565	45.650	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.300%	
Target Compounds							
							Qvalue
5) Bromomethane		2.893	94	2234	0.368	ug/l	87
11) Tert butyl alcohol		5.374	59	1277	0.681	ug/l #	71
13) Acrolein		4.047	56	1505	0.560	ug/l #	65
15) Acrylonitrile		5.573	53	1607	0.270	ug/l #	44
16) Acetone		4.299	43	36923	5.121	ug/l	99
20) Methylene Chloride		5.101	84	17269	1.818	ug/l	91
25) 2-Butanone		7.348	43	23668	2.609	ug/l	100
29) Tetrahydrofuran		7.694	42	1725	0.311	ug/l #	70
30) Chloroform		7.817	83	113	Below Cal	#	18
31) Cyclohexane		8.083	56	16892	0.923	ug/l #	7
36) 1,1-Dichloropropene		8.086	75	61345	4.979	ug/l #	50
37) Ethyl Acetate		7.348	43	23668	1.447	ug/l #	71
38) Carbon Tetrachloride		8.086	117	75686	6.905	ug/l #	16
43) Isopropyl Acetate		8.563	43	83498	3.342	ug/l #	85
45) 1,2-Dichloropropane		9.625	63	4886	0.470	ug/l #	44
48) Methyl methacrylate		9.547	41	20237	1.700	ug/l #	10
49) 1,4-Dioxane		9.580	88	558	3.121	ug/l #	27
51) 4-Methyl-2-Pentanone		10.331	43	16213	1.017	ug/l	88
53) t-1,3-Dichloropropene		10.722	75	1123	2.475	ug/l #	43
54) cis-1,3-Dichloropropene		10.245	75	111491	7.530	ug/l #	64
56) Ethyl methacrylate		10.760	69	2119	2.420	ug/l #	45
57) 1,3-Dichloropropane		11.089	76	65293	4.111	ug/l #	43
58) 2-Chloroethyl Vinyl ether		10.038	63	115	21.261	ug/l #	45
59) 2-Hexanone		11.089	43	1158971	100.068	ug/l #	50
68) m/p-Xylenes		11.956	106	3431	0.213	ug/l #	68
74) N-amyl acetate		12.393	43	14477	0.900	ug/l #	64
76) 1,2,3-Trichloropropane		12.731	75	274685	24.897	ug/l #	1
77) Bromobenzene		12.860	156	2152	0.244	ug/l	81
78) n-propylbenzene		12.919	91	9623	0.219	ug/l	95
80) 1,3,5-Trimethylbenzene		13.058	105	8565	0.269	ug/l	96
81) trans-1,4-Dichloro-2-b...		12.731	75	274685	74.172	ug/l #	5
82) 4-Chlorotoluene		13.104	91	7590	0.292	ug/l	90
84) 1,2,4-Trimethylbenzene		13.366	105	6661	0.218	ug/l	85
86) p-Isopropyltoluene		13.616	119	6568	0.222	ug/l	92
87) 1,3-Dichlorobenzene		13.613	146	5792	0.395	ug/l	92
88) 1,4-Dichlorobenzene		13.613	146	5792	0.397	ug/l	92

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QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration

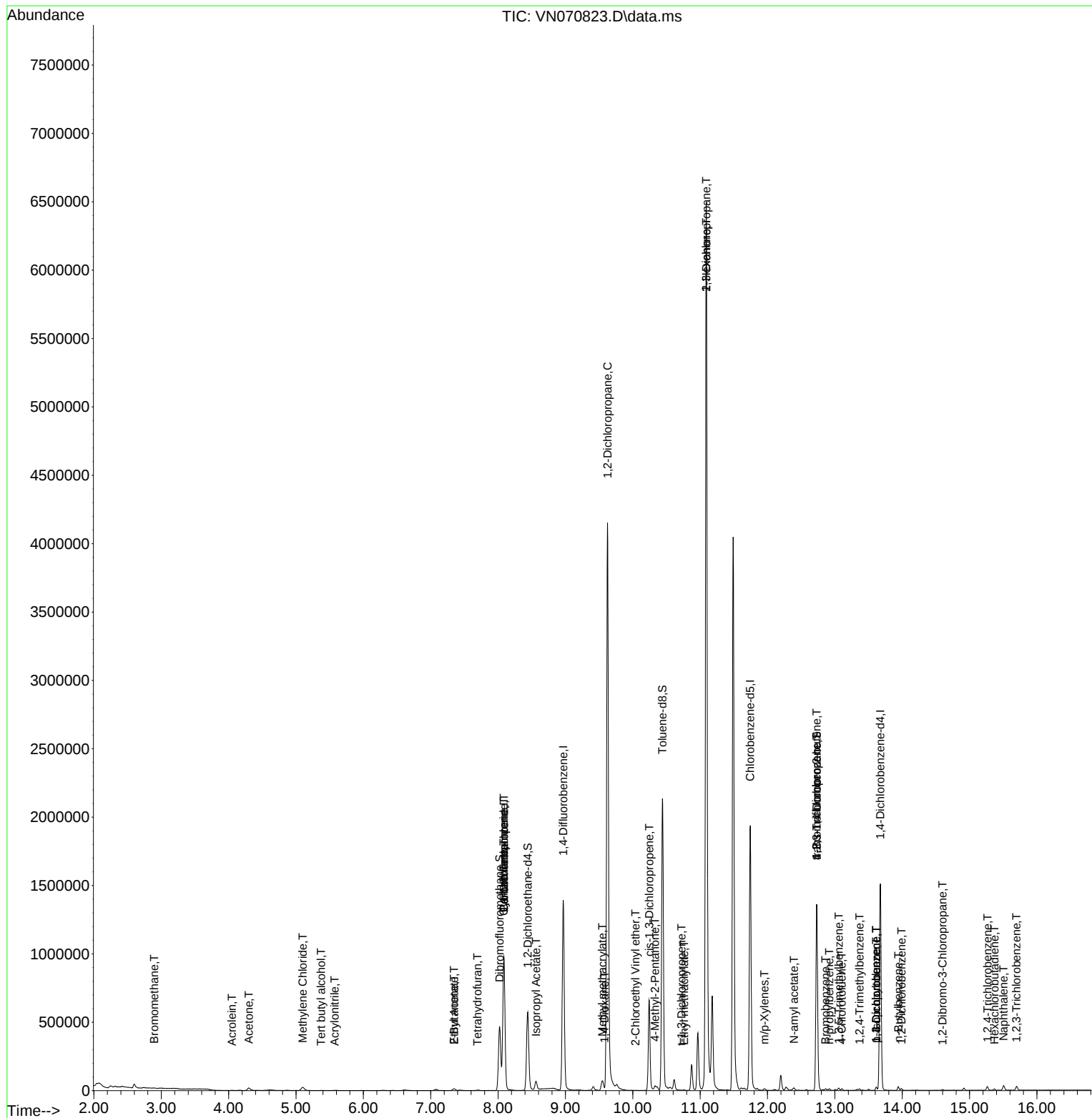
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.943	91	15718	0.644	ug/l	97
91) 1,2-Dichlorobenzene	13.989	146	5579	0.385	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.600	75	1370	0.608	ug/l #	59
93) 1,2,4-Trichlorobenzene	15.268	180	9704	4.601	ug/l	95
94) Hexachlorobutadiene	15.370	225	2149	0.500	ug/l	90
95) Naphthalene	15.504	128	33195	6.335	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	10121	4.505	ug/l	92

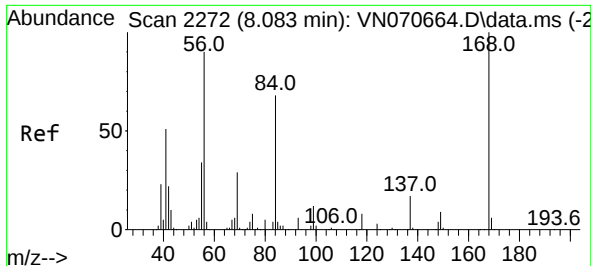
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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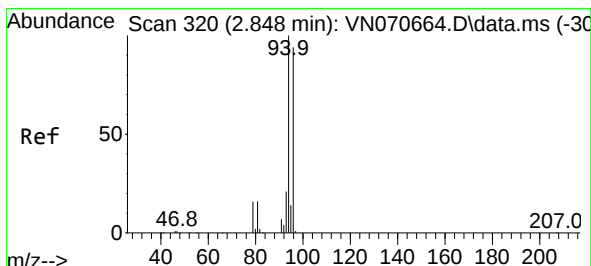
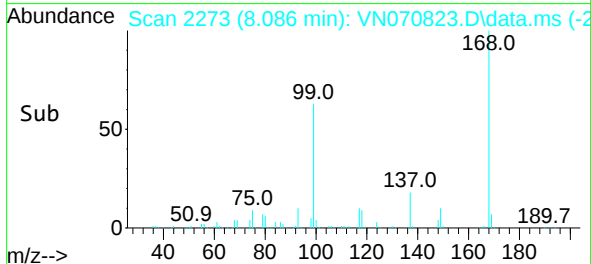
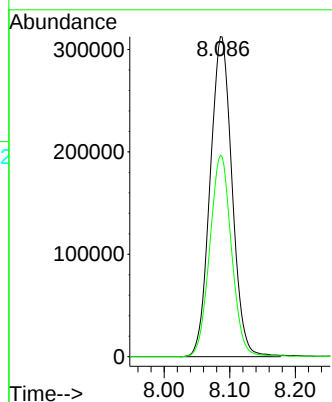
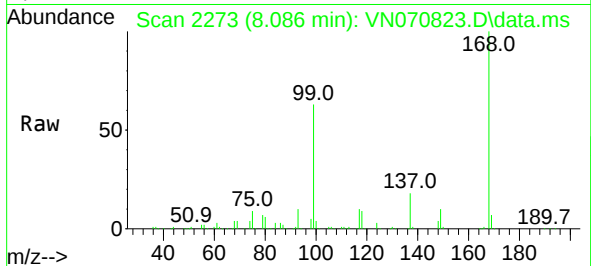




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

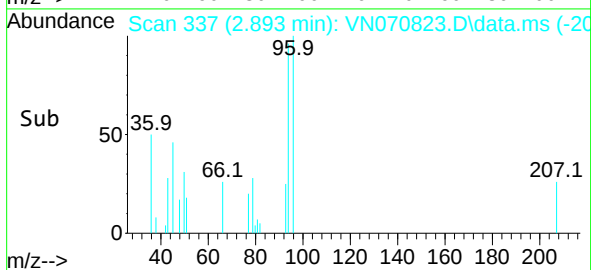
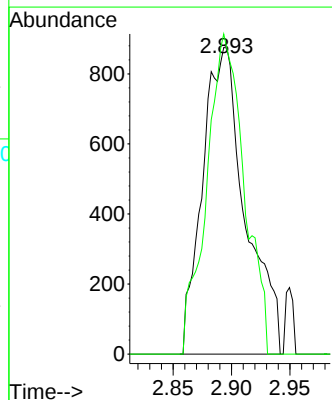
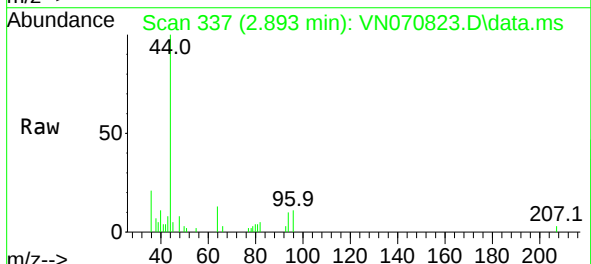
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

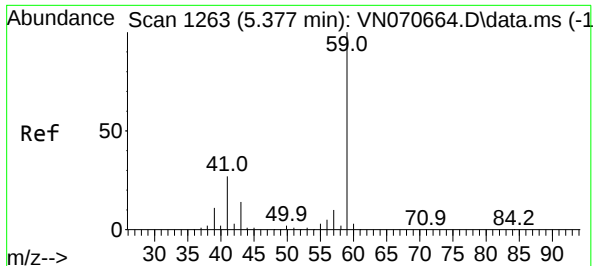
Tgt Ion:168 Resp: 724845
Ion Ratio Lower Upper
168 100
99 62.9 41.3 61.9#



#5
Bromomethane
Concen: 0.368 ug/l
RT: 2.893 min Scan# 337
Delta R.T. 0.045 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 94 Resp: 2234
Ion Ratio Lower Upper
94 100
96 104.5 73.8 110.8

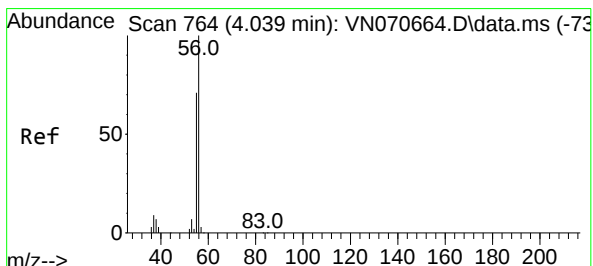
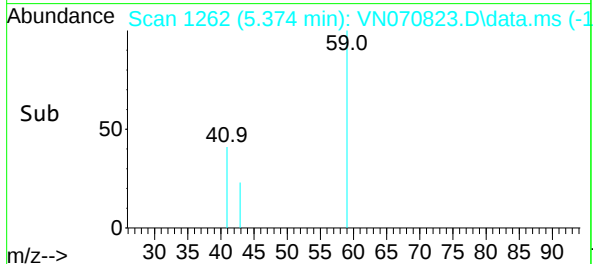
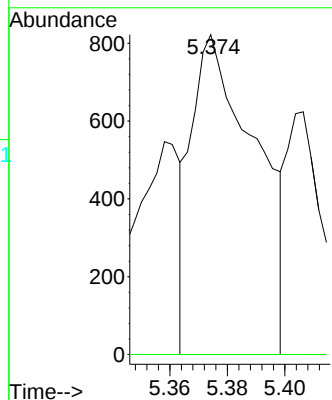
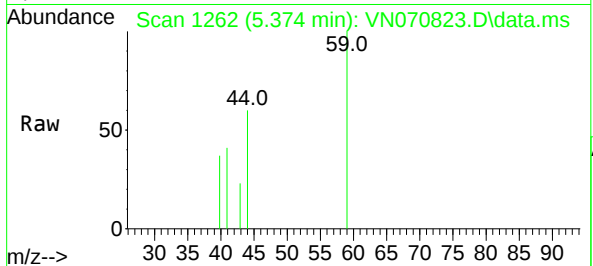




#11
Tert butyl alcohol
Concen: 0.681 ug/l
RT: 5.374 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

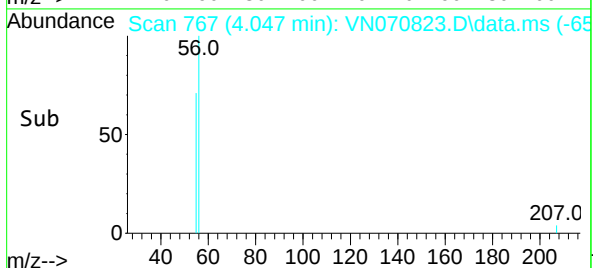
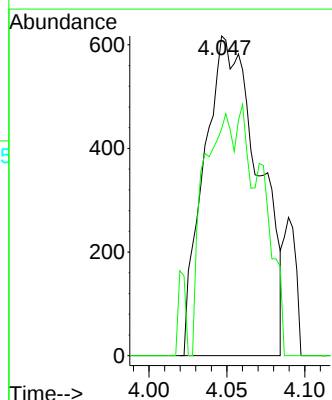
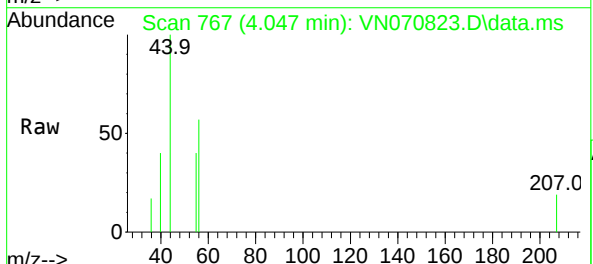
Instrument :
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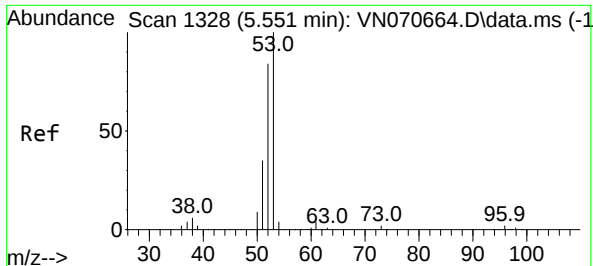
Tgt Ion: 59 Resp: 1277
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: 0.560 ug/l
RT: 4.047 min Scan# 767
Delta R.T. 0.008 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 56 Resp: 1505
Ion Ratio Lower Upper
56 100
55 41.9 56.6 85.0#

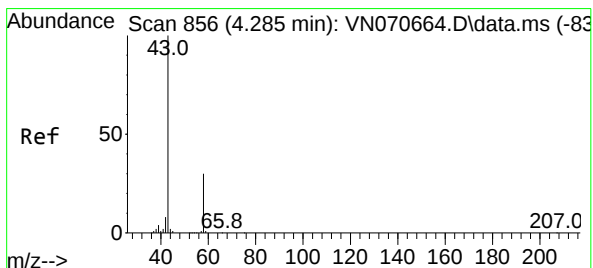
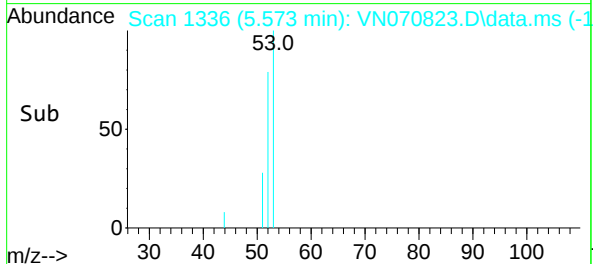
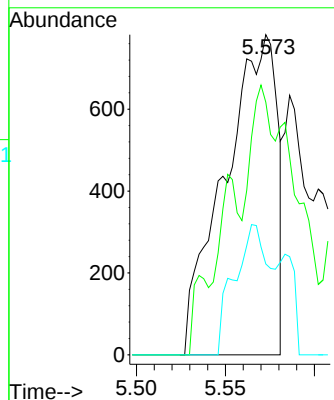
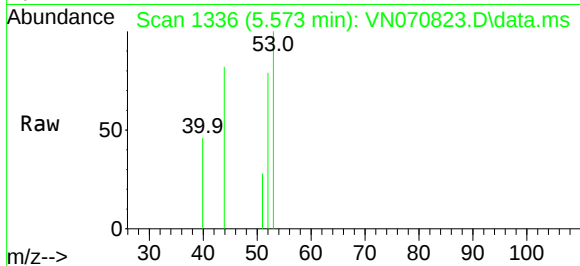




#15
Acrylonitrile
Concen: 0.270 ug/l
RT: 5.573 min Scan# 11
Delta R.T. 0.022 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

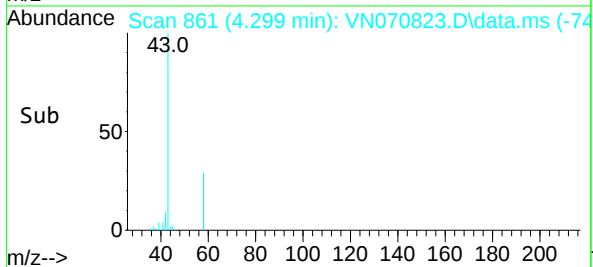
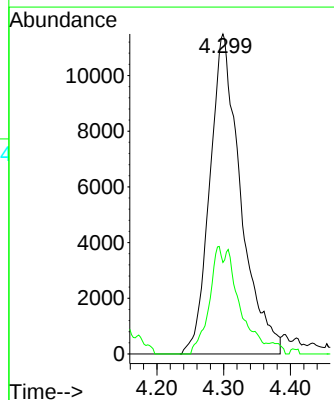
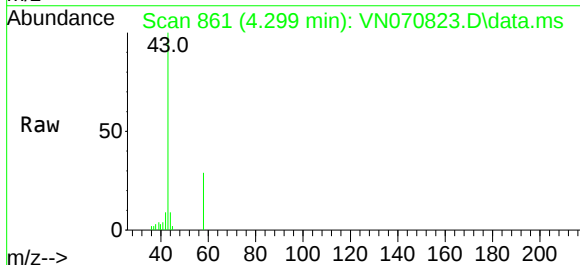
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

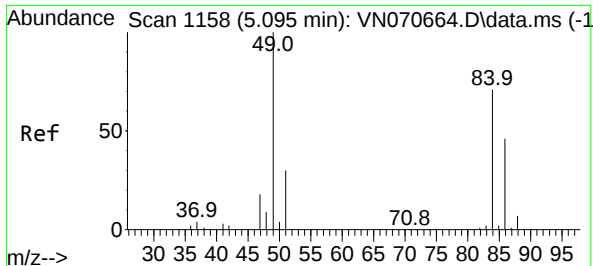
Tgt Ion: 53 Resp: 1607
Ion Ratio Lower Upper
53 100
52 16.0 66.2 99.2#
51 27.3 29.6 44.4#



#16
Acetone
Concen: 5.121 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 43 Resp: 36923
Ion Ratio Lower Upper
43 100
58 28.6 23.1 34.7





#20

Methylene Chloride

Concen: 1.818 ug/l

RT: 5.101 min Scan# 1158

Delta R.T. 0.006 min

Lab File: VN070823.D

Acq: 28 Jan 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

PB142316TB

Tgt Ion: 84 Resp: 17269

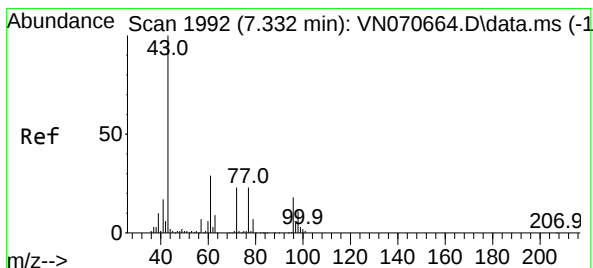
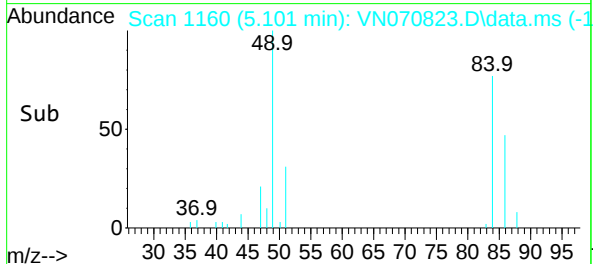
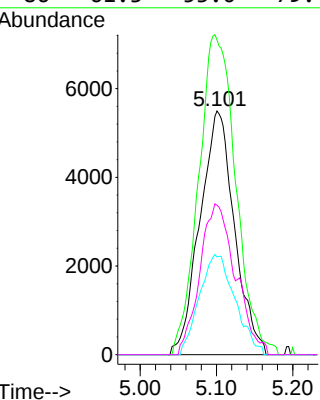
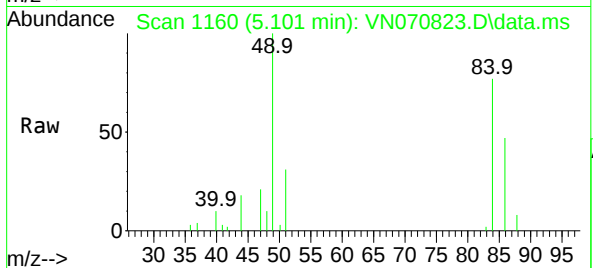
Ion Ratio Lower Upper

84 100

49 129.2 93.5 140.3

51 40.1 29.4 44.2

86 61.3 53.0 79.4



#25

2-Butanone

Concen: 2.609 ug/l

RT: 7.348 min Scan# 1998

Delta R.T. 0.016 min

Lab File: VN070823.D

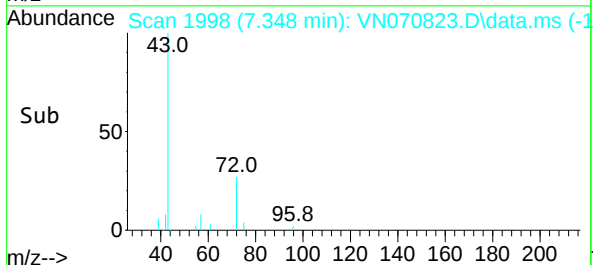
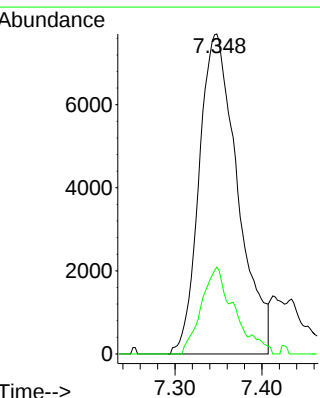
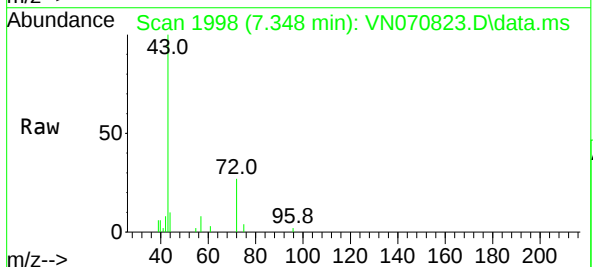
Acq: 28 Jan 2022 12:47

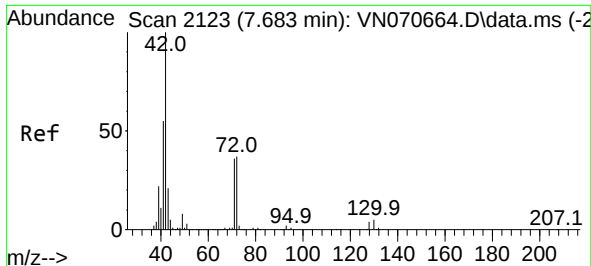
Tgt Ion: 43 Resp: 23668

Ion Ratio Lower Upper

43 100

72 27.2 21.7 32.5

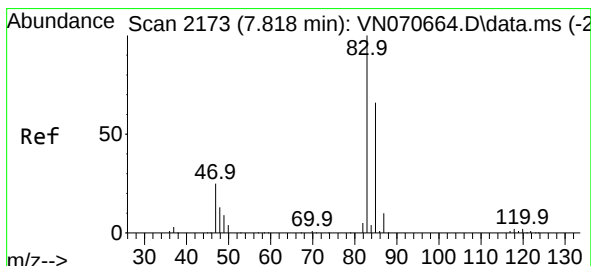
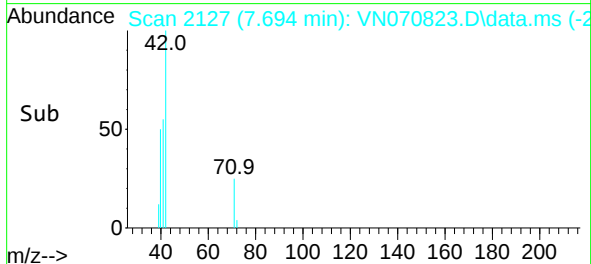
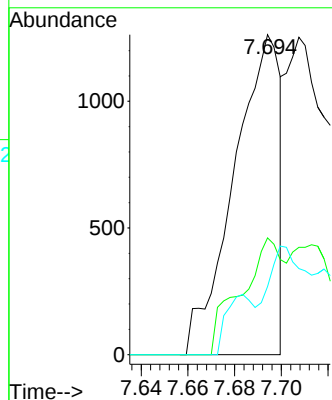
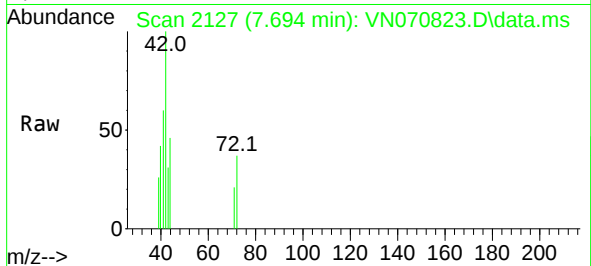




#29
Tetrahydrofuran
Concen: 0.311 ug/l
RT: 7.694 min Scan# 2123
Delta R.T. 0.011 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

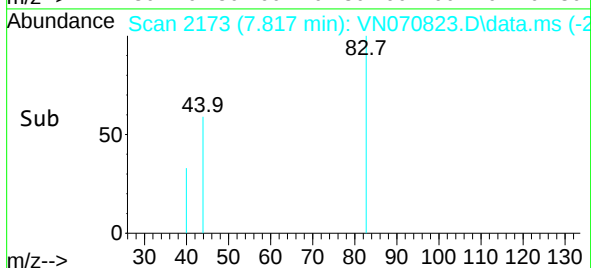
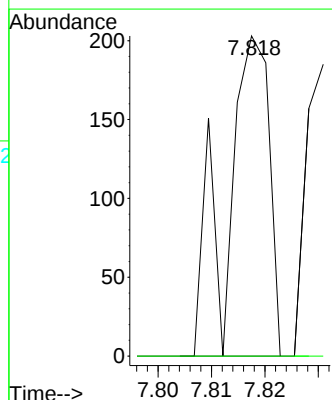
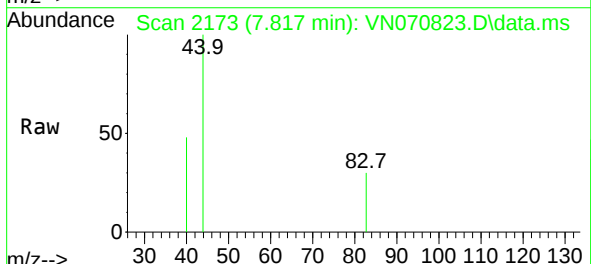
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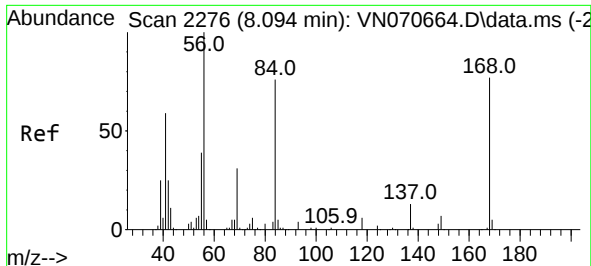
Tgt Ion: 42 Resp: 1725
Ion Ratio Lower Upper
42 100
72 34.6 36.3 54.5#
71 14.7 34.7 52.1#



#30
Chloroform
Concen: Below Cal
RT: 7.817 min Scan# 2173
Delta R.T. -0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 83 Resp: 113
Ion Ratio Lower Upper
83 100
85 0.0 51.9 77.9#

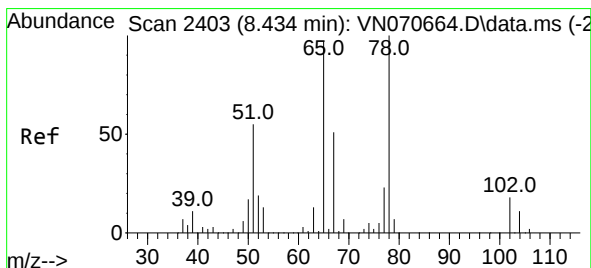
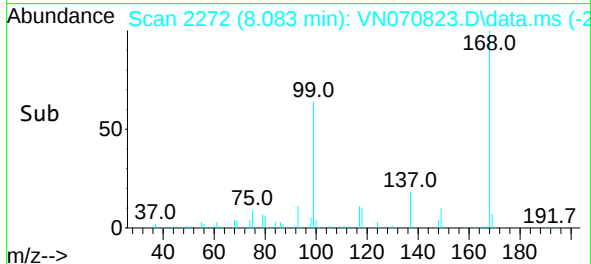
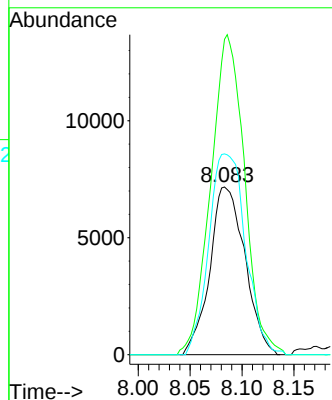
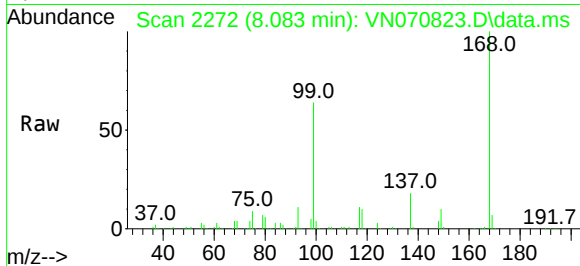




#31
Cyclohexane
Concen: 0.923 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

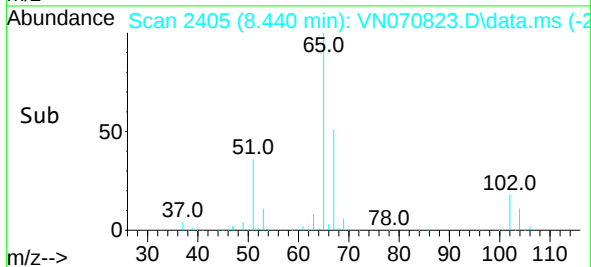
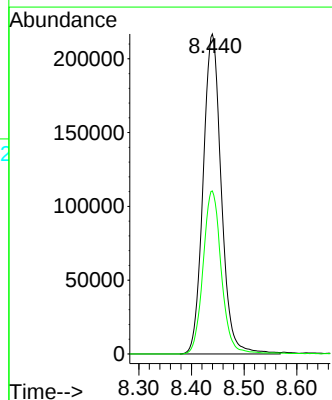
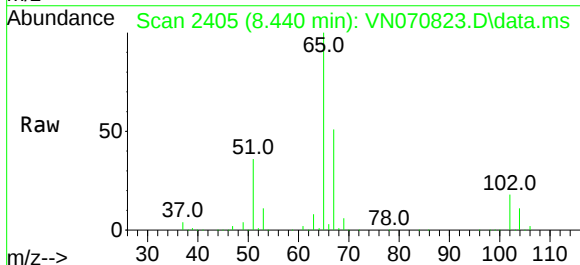
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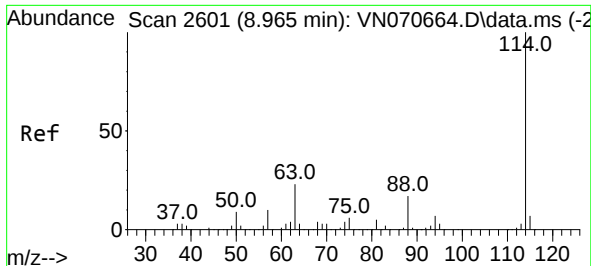
Tgt Ion: 56 Resp: 16892
Ion Ratio Lower Upper
56 100
69 185.2 27.1 40.7#
84 119.7 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 50.175 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. 0.006 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 65 Resp: 521223
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0

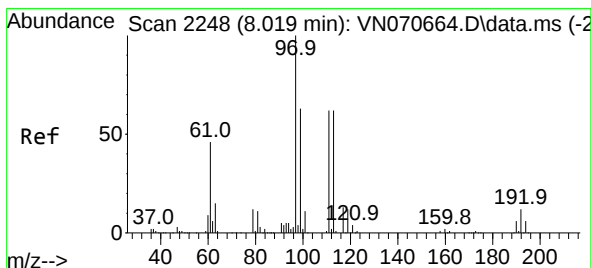
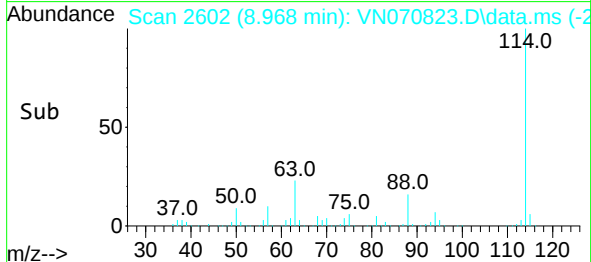
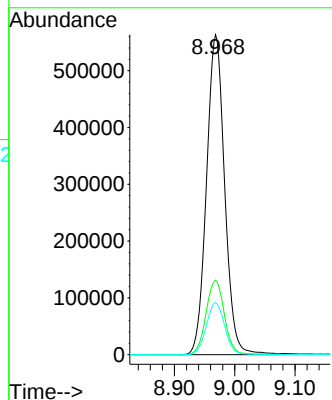
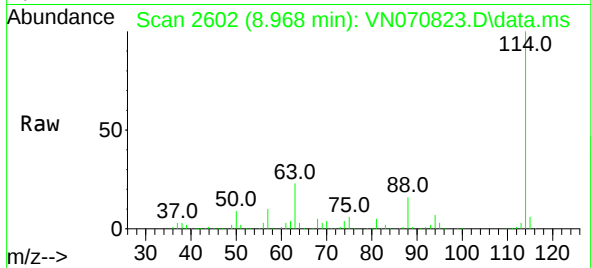




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

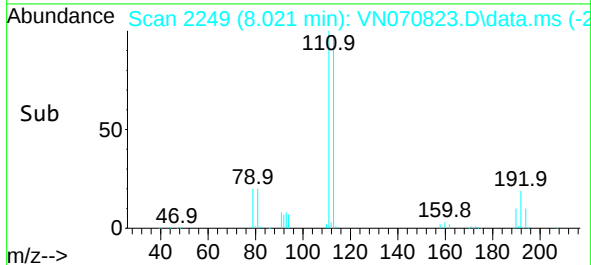
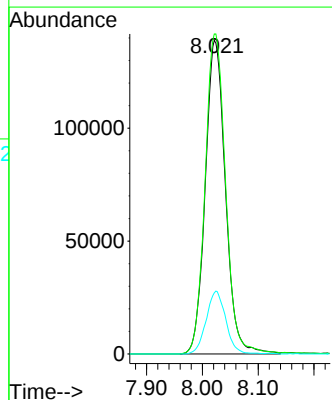
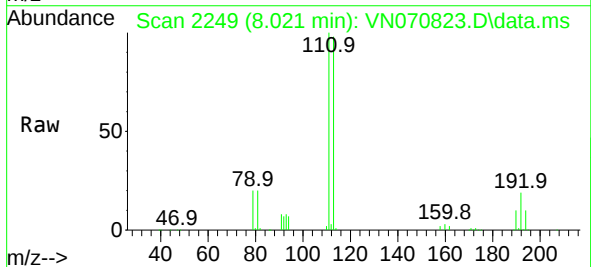
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

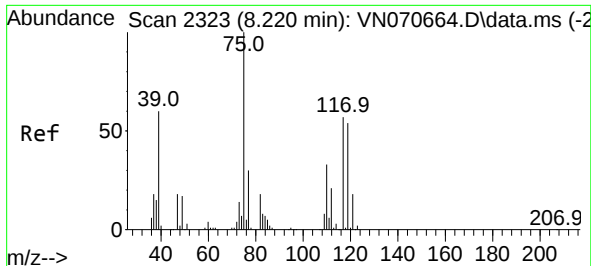
Tgt Ion:114 Resp: 1179908
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.711 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion:113 Resp: 349198
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 19.4 16.9 25.3

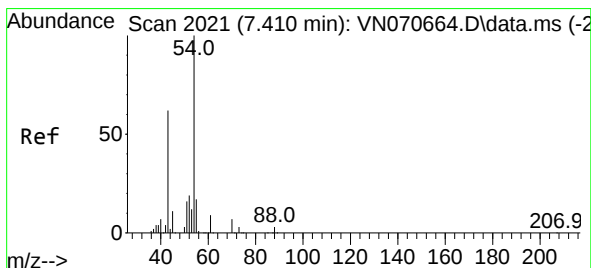
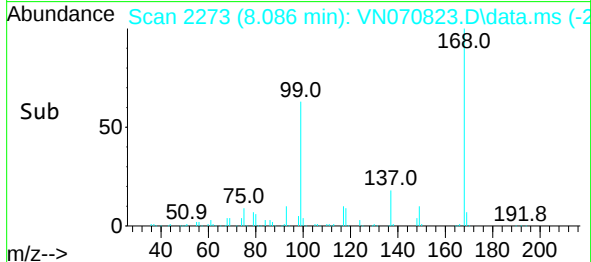
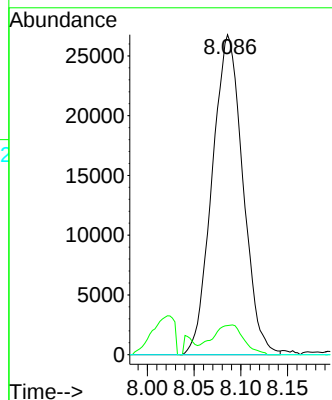
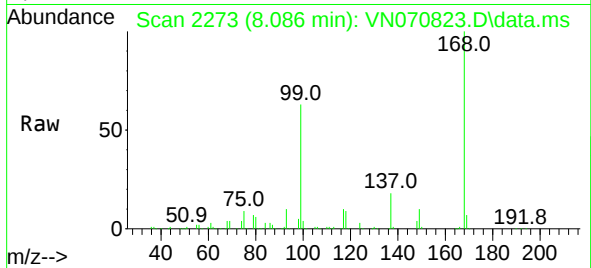




#36
 1,1-Dichloropropene
 Concen: 4.979 ug/l
 RT: 8.086 min Scan# 21
 Delta R.T. -0.134 min
 Lab File: VN070823.D
 Acq: 28 Jan 2022 12:47

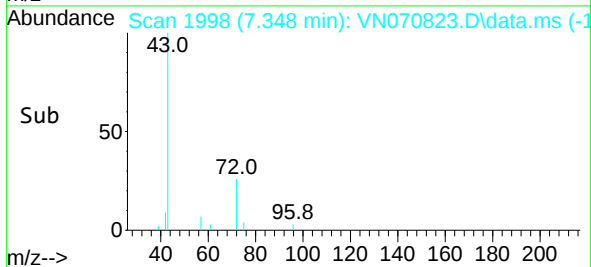
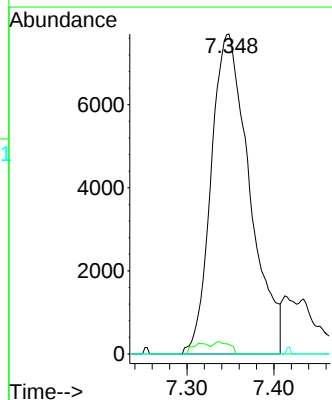
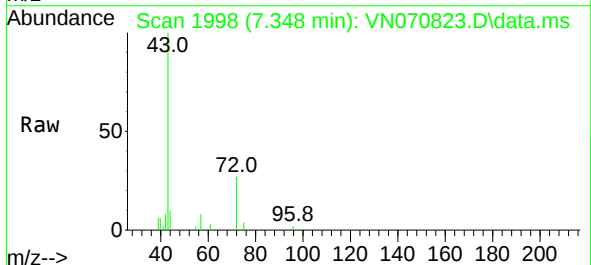
Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316TB

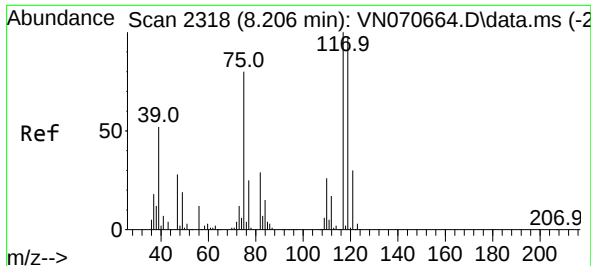
Tgt Ion: 75 Resp: 61345
 Ion Ratio Lower Upper
 75 100
 110 9.7 18.4 55.2#
 77 0.0 24.4 36.6#



#37
 Ethyl Acetate
 Concen: 1.447 ug/l
 RT: 7.348 min Scan# 1998
 Delta R.T. -0.062 min
 Lab File: VN070823.D
 Acq: 28 Jan 2022 12:47

Tgt Ion: 43 Resp: 23668
 Ion Ratio Lower Upper
 43 100
 61 1.6 11.5 17.3#
 70 0.0 7.9 11.9#

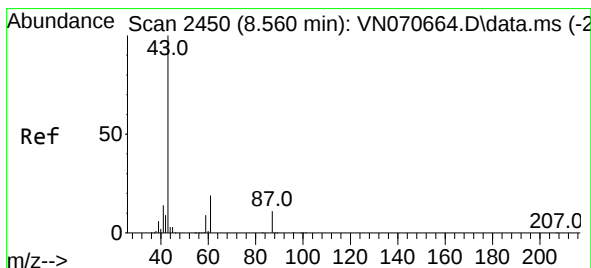
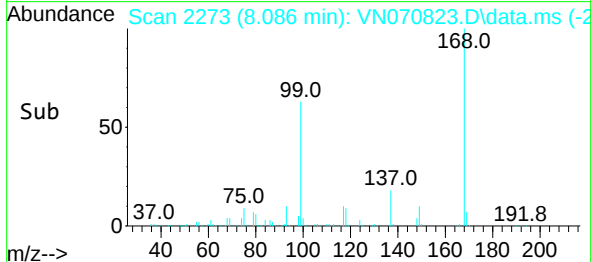
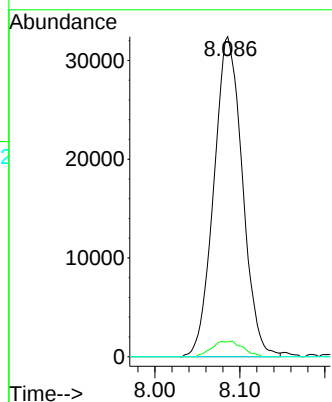
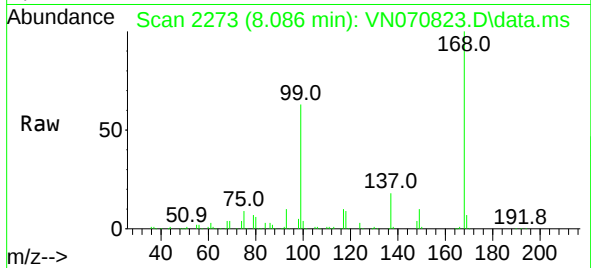




#38
Carbon Tetrachloride
Concen: 6.905 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.120 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

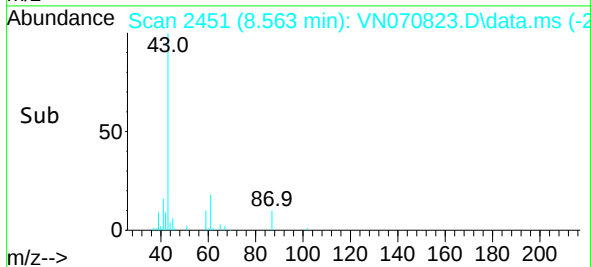
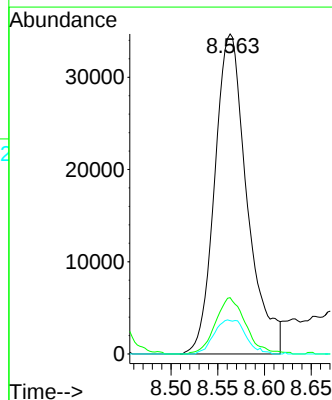
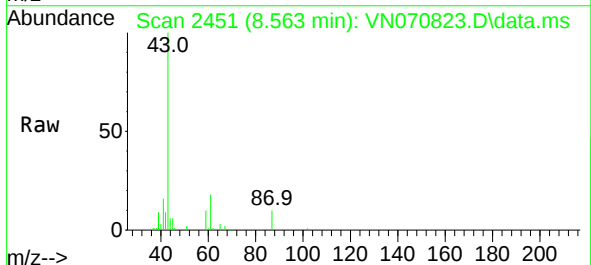
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

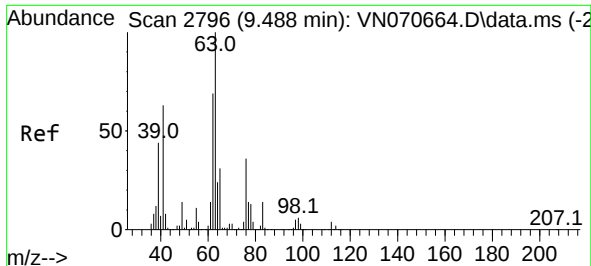
Tgt Ion:117 Resp: 75686
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 3.342 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 43 Resp: 83498
Ion Ratio Lower Upper
43 100
61 16.6 20.4 30.6#
87 10.4 11.2 16.8#





#45

1,2-Dichloropropane

Concen: 0.470 ug/l

RT: 9.625 min Scan# 21

Delta R.T. 0.137 min

Lab File: VN070823.D

Acq: 28 Jan 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

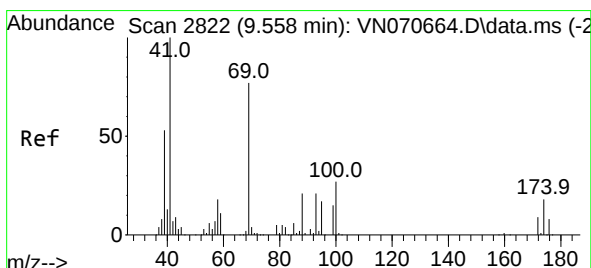
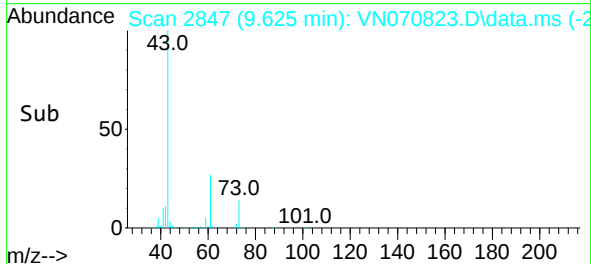
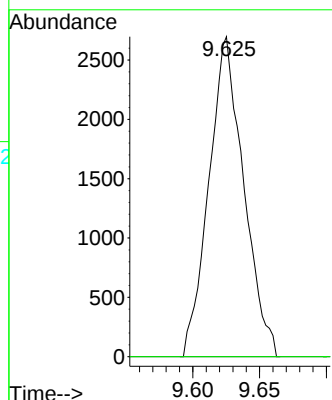
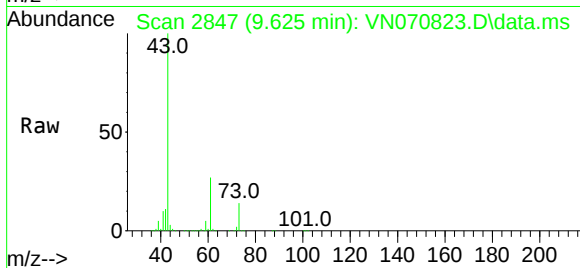
PB142316TB

Tgt Ion: 63 Resp: 4886

Ion Ratio Lower Upper

63 100

65 0.0 24.7 37.1#



#48

Methyl methacrylate

Concen: 1.700 ug/l

RT: 9.547 min Scan# 2818

Delta R.T. -0.011 min

Lab File: VN070823.D

Acq: 28 Jan 2022 12:47

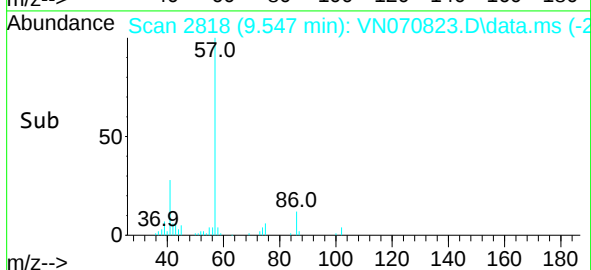
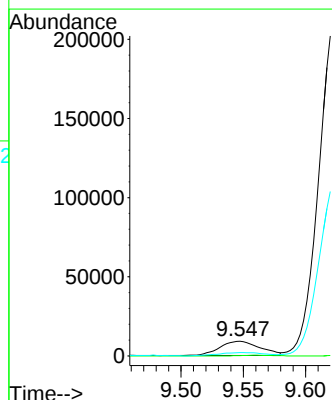
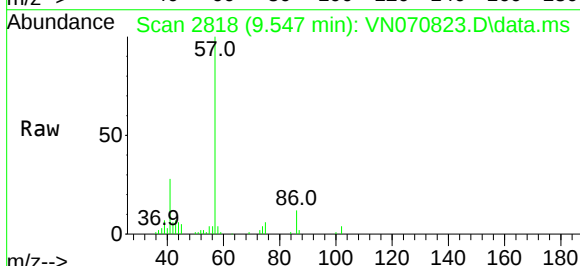
Tgt Ion: 41 Resp: 20237

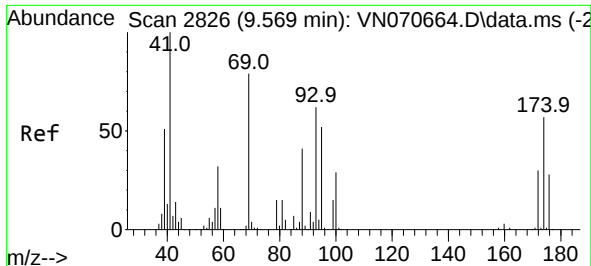
Ion Ratio Lower Upper

41 100

69 3.9 72.4 108.6#

39 0.0 58.4 87.6#





#49

1,4-Dioxane

Concen: 3.121 ug/l

RT: 9.580 min Scan# 21

Delta R.T. 0.011 min

Lab File: VN070823.D

Acq: 28 Jan 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

PB142316TB

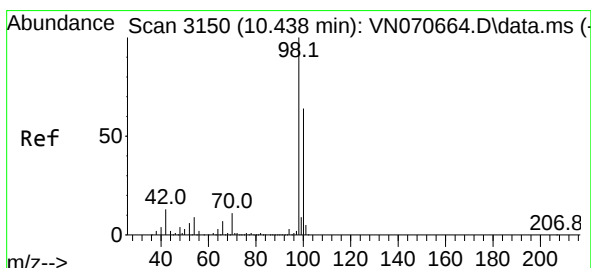
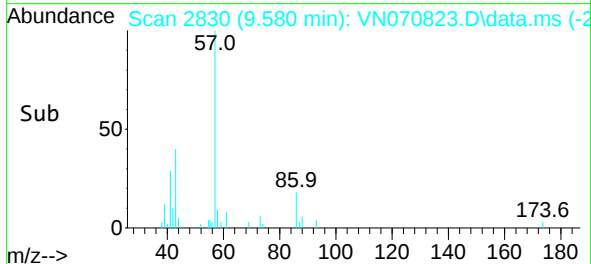
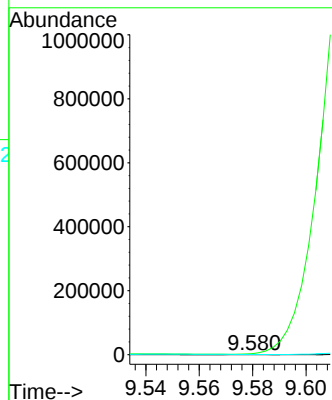
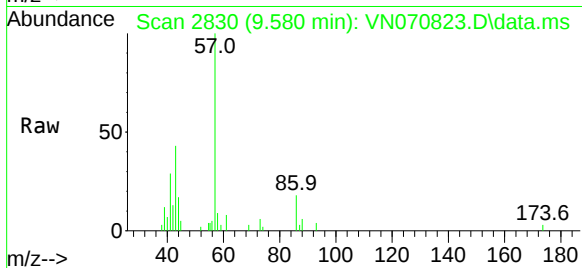
Tgt Ion: 88 Resp: 558

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 0.0 50.6 75.8#



#50

Toluene-d8

Concen: 48.693 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070823.D

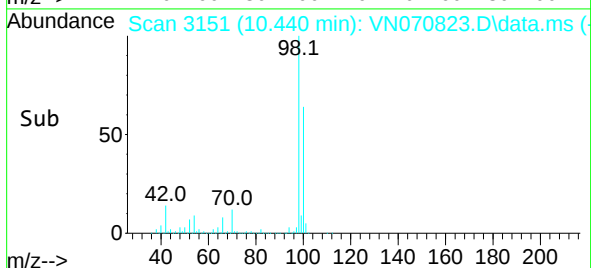
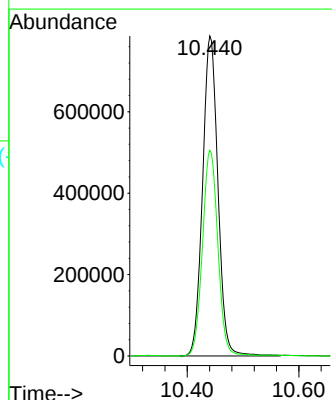
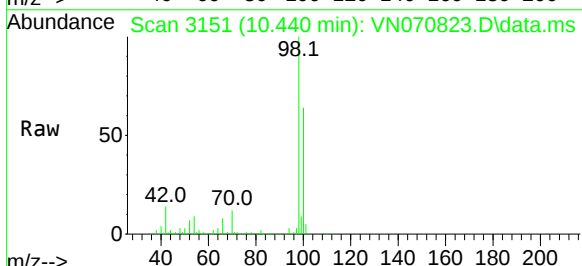
Acq: 28 Jan 2022 12:47

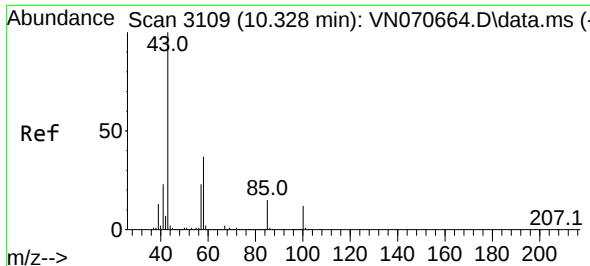
Tgt Ion: 98 Resp: 1501355

Ion Ratio Lower Upper

98 100

100 64.6 50.4 75.6

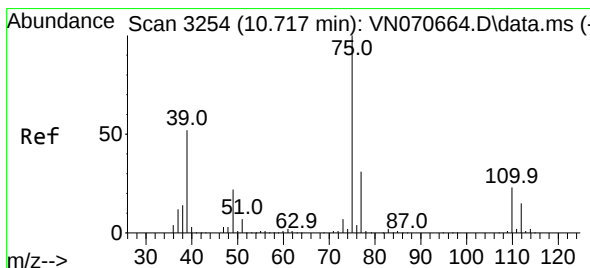
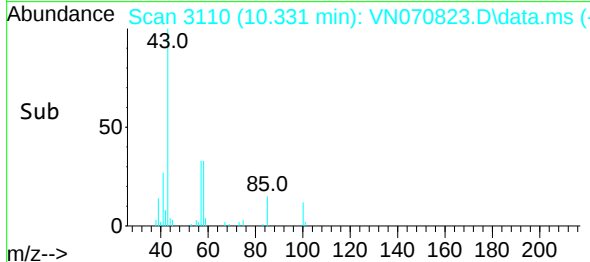
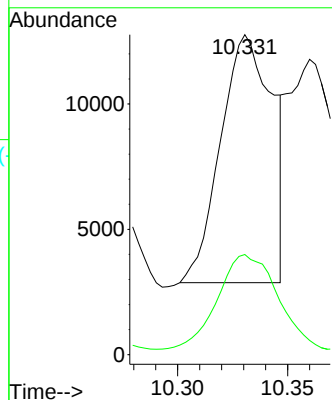
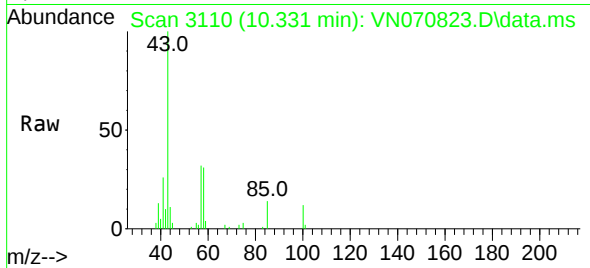




#51
4-Methyl-2-Pentanone
Concen: 1.017 ug/l
RT: 10.331 min Scan# 3109
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

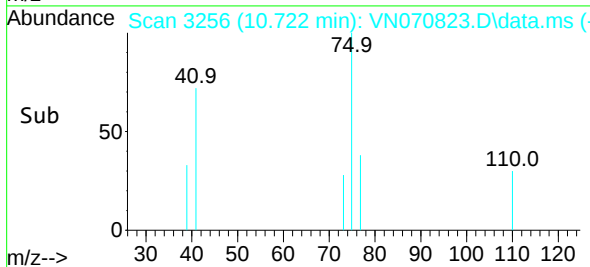
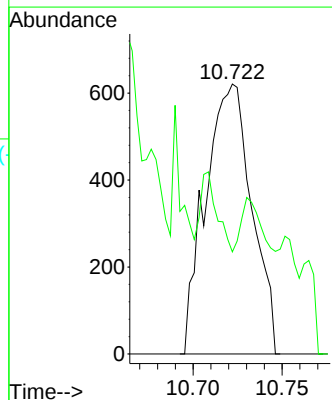
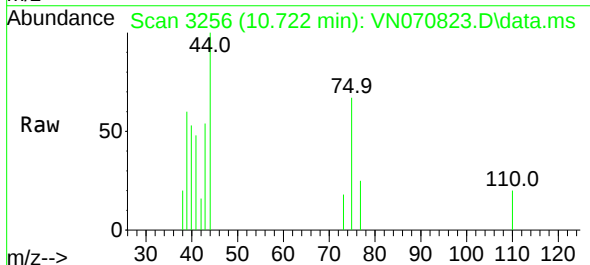
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

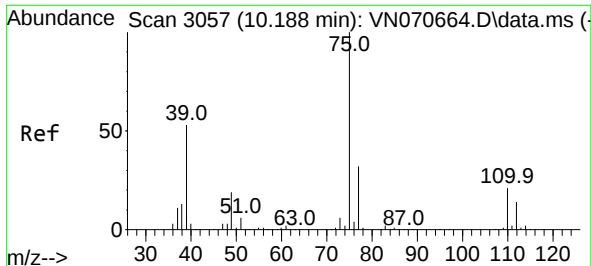
Tgt Ion: 43 Resp: 16213
Ion Ratio Lower Upper
43 100
58 45.3 30.4 45.6



#53
t-1,3-Dichloropropene
Concen: 2.475 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.005 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 75 Resp: 1123
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#

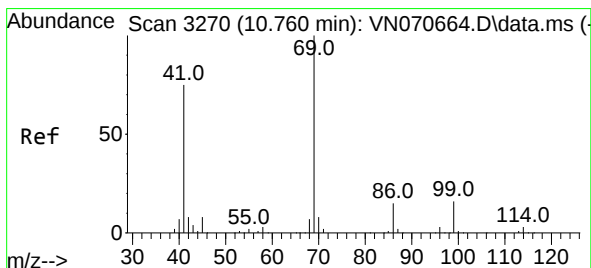
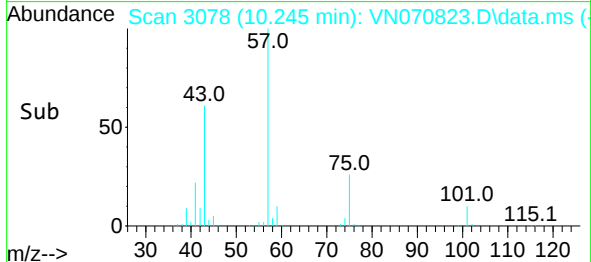
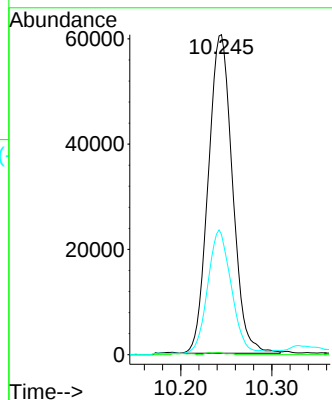
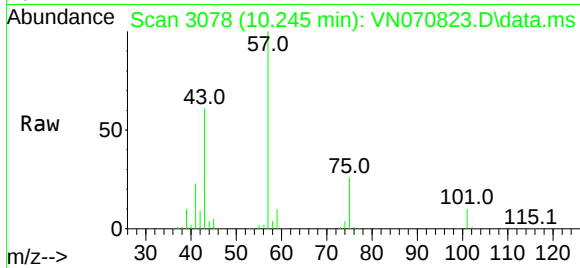




#54
 cis-1,3-Dichloropropene
 Concen: 7.530 ug/l
 RT: 10.245 min Scan# 3057
 Delta R.T. 0.057 min
 Lab File: VN070823.D
 Acq: 28 Jan 2022 12:47

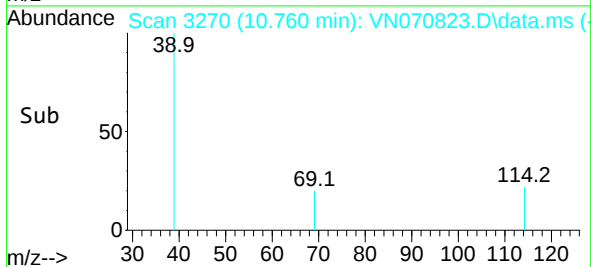
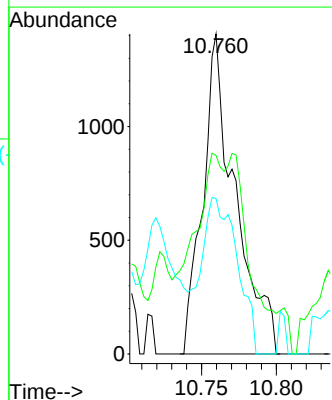
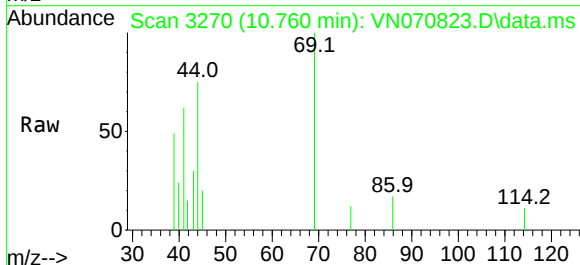
Instrument :
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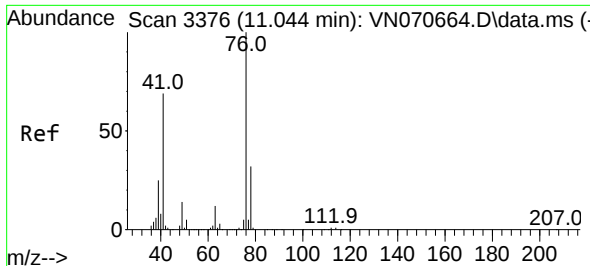
Tgt Ion: 75 Resp: 111491
 Ion Ratio Lower Upper
 75 100
 77 0.6 26.4 39.6#
 39 37.3 42.5 63.7#



#56
 Ethyl methacrylate
 Concen: 2.420 ug/l
 RT: 10.760 min Scan# 3270
 Delta R.T. -0.000 min
 Lab File: VN070823.D
 Acq: 28 Jan 2022 12:47

Tgt Ion: 69 Resp: 2119
 Ion Ratio Lower Upper
 69 100
 41 0.0 51.4 77.0#
 39 52.9 34.6 52.0#

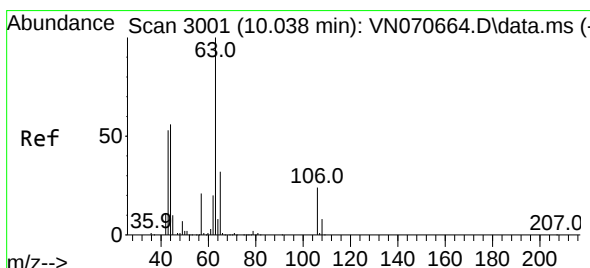
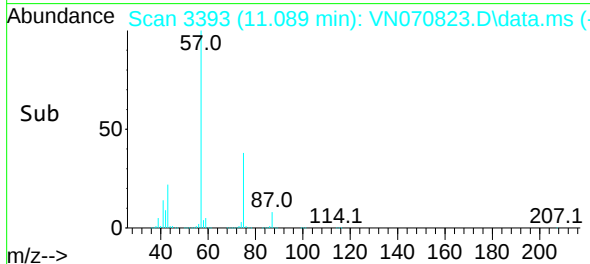
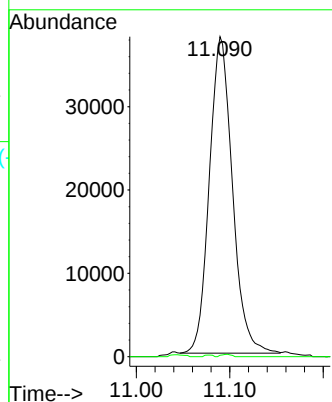
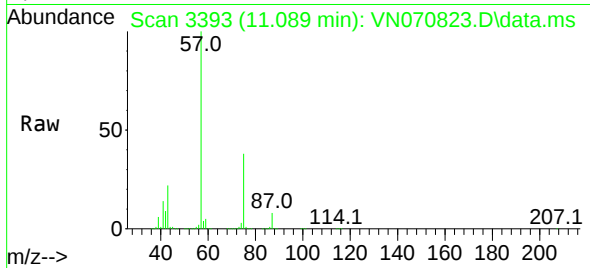




#57
1,3-Dichloropropane
Concen: 4.111 ug/l
RT: 11.089 min Scan# 311
Delta R.T. 0.045 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

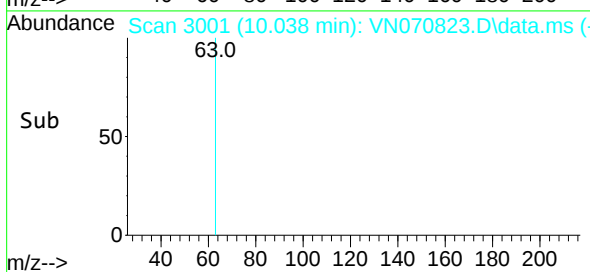
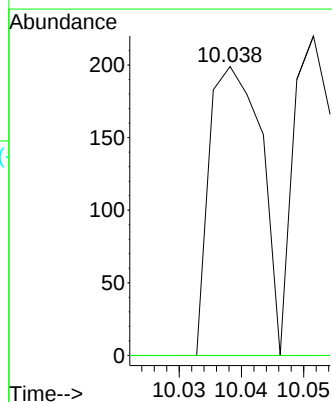
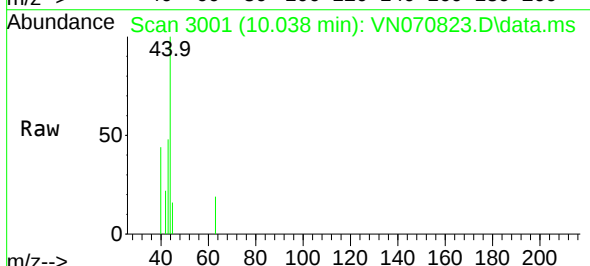
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

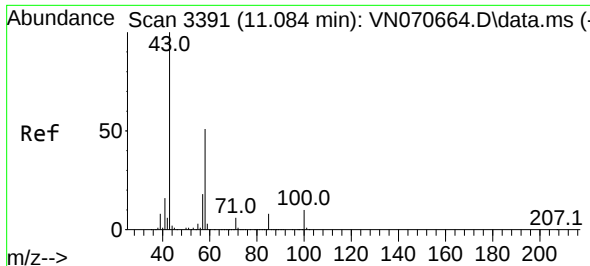
Tgt Ion: 76 Resp: 65293
Ion Ratio Lower Upper
76 100
78 0.3 25.7 38.5#



#58
2-Chloroethyl Vinyl ether
Concen: 21.261 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 63 Resp: 115
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

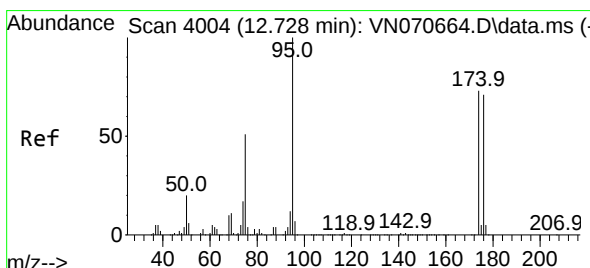
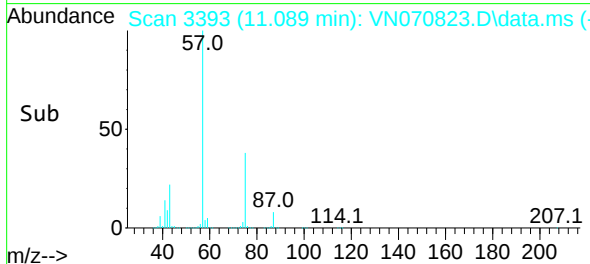
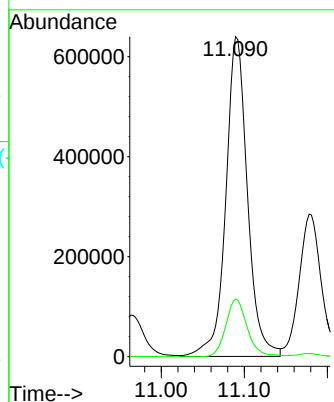
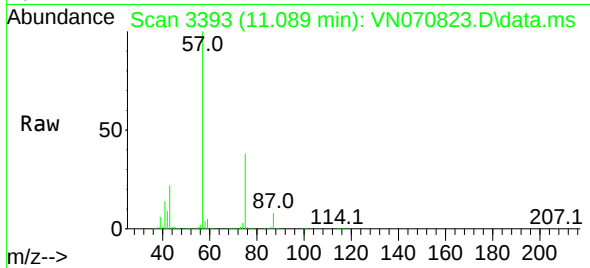




#59
2-Hexanone
Concen: 100.068 ug/l
RT: 11.089 min Scan# 311
Delta R.T. 0.005 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

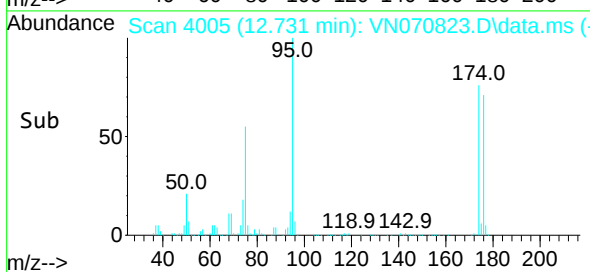
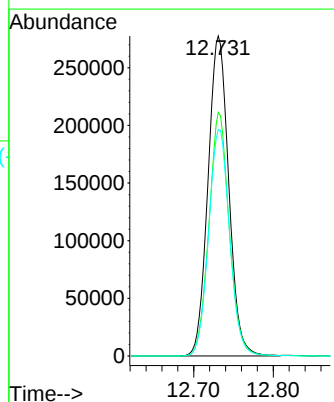
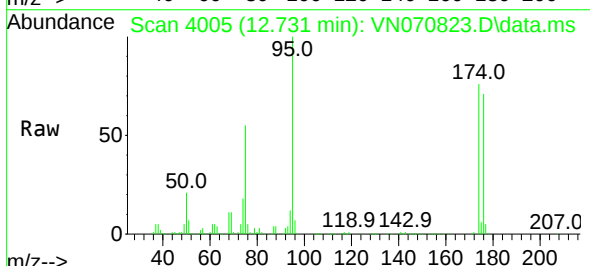
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

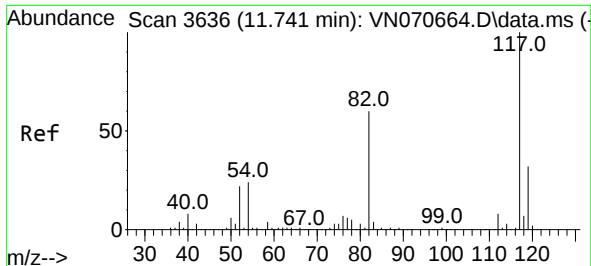
Tgt Ion: 43 Resp: 1158971
Ion Ratio Lower Upper
43 100
58 17.9 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 45.650 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 95 Resp: 501565
Ion Ratio Lower Upper
95 100
174 74.7 0.0 187.2
176 71.6 0.0 181.4

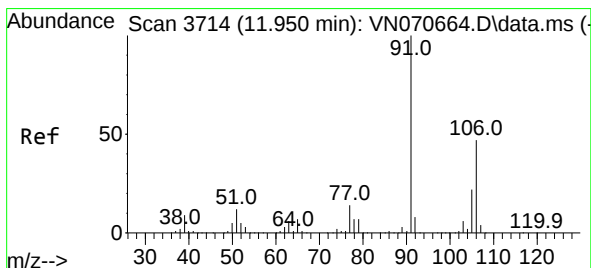
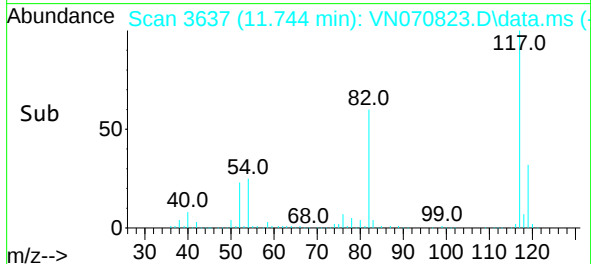
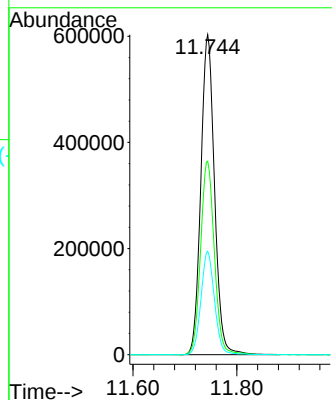
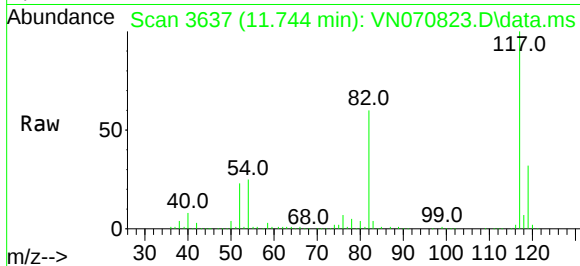




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

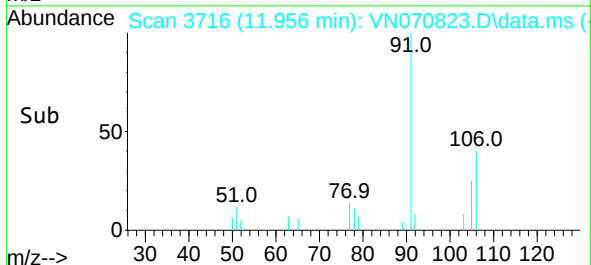
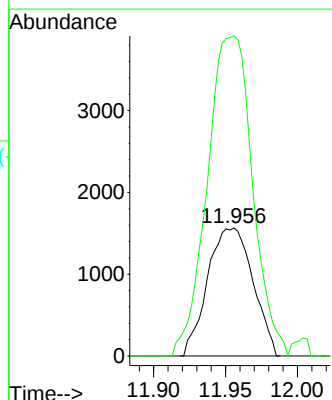
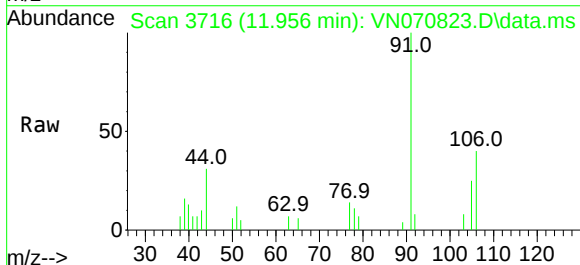
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

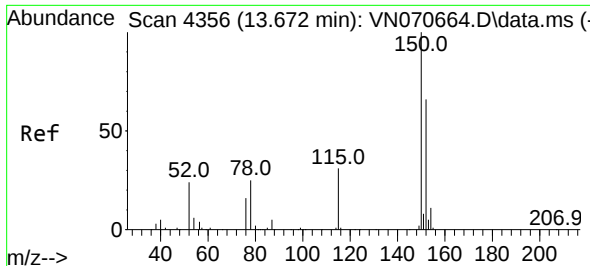
Tgt Ion:117 Resp: 1102709
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 32.3 25.4 38.2



#68
m/p-Xylenes
Concen: 0.213 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.006 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion:106 Resp: 3431
Ion Ratio Lower Upper
106 100
91 249.5 160.6 240.8#

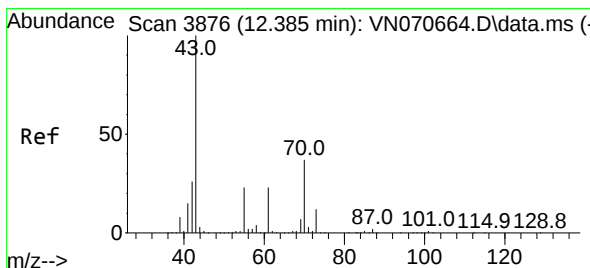
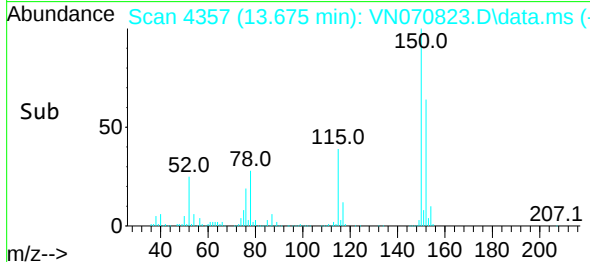
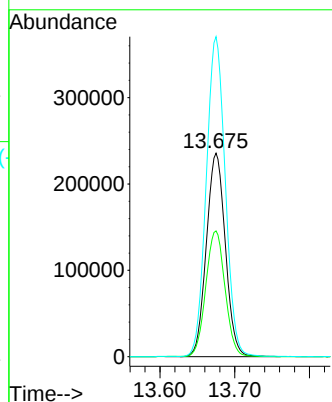
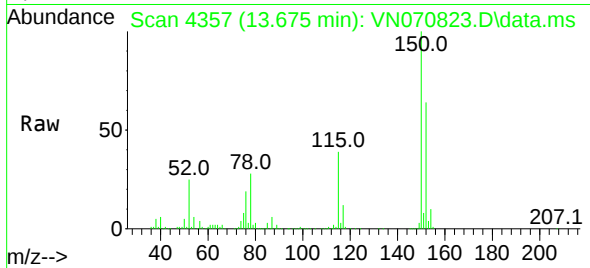




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

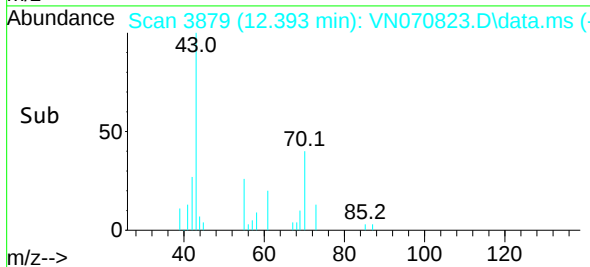
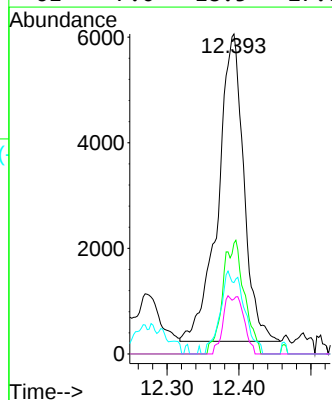
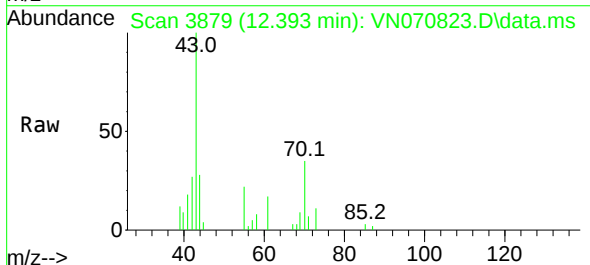
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

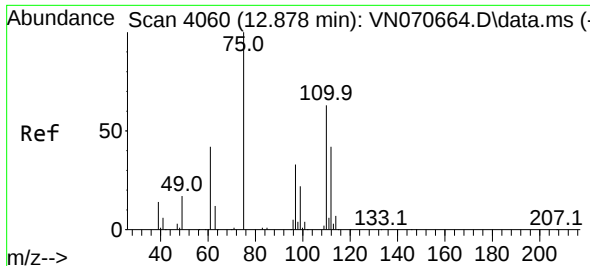
Tgt Ion:152 Resp: 415983
Ion Ratio Lower Upper
152 100
115 62.7 27.5 82.5
150 157.2 0.0 344.4



#74
N-ethyl acetate
Concen: 0.900 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 43 Resp: 14477
Ion Ratio Lower Upper
43 100
70 12.4 33.4 50.0#
55 14.0 19.3 28.9#
61 7.0 18.5 27.7#

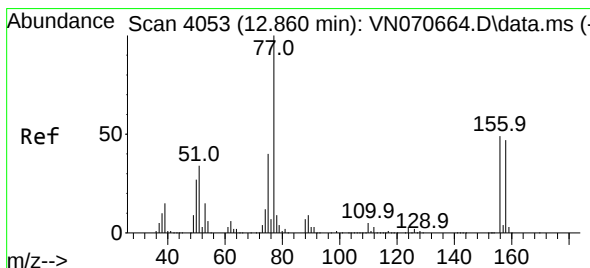
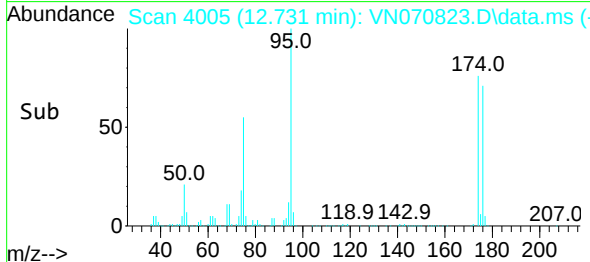
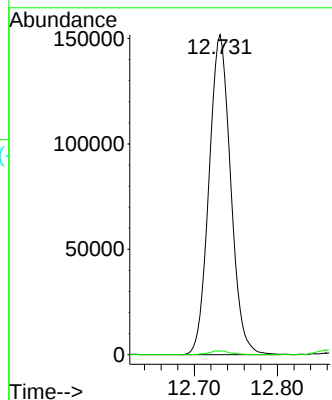
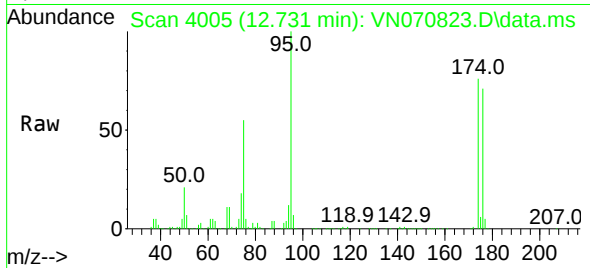




#76
1,2,3-Trichloropropane
Concen: 24.897 ug/l
RT: 12.731 min Scan# 4060
Delta R.T. -0.147 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

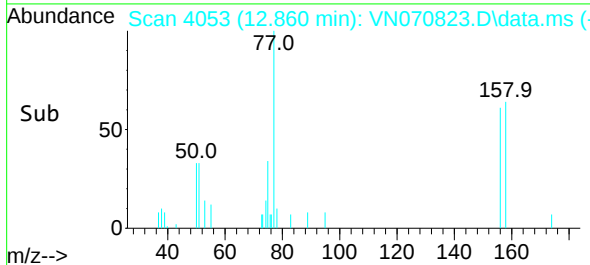
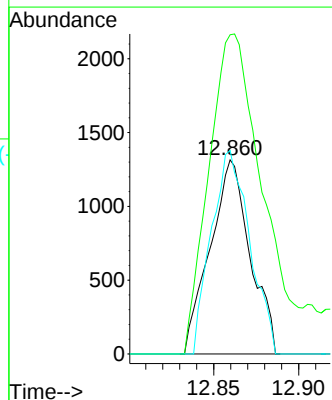
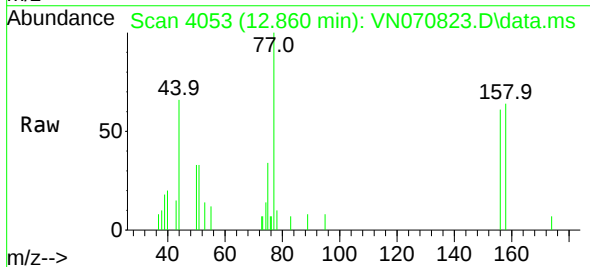
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

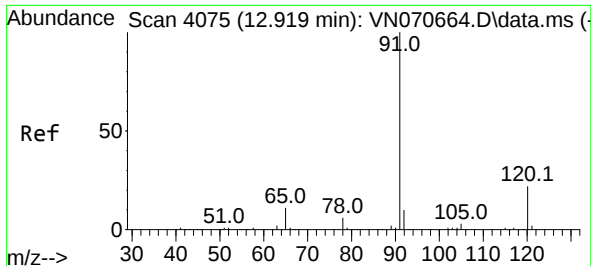
Tgt Ion: 75 Resp: 274685
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#



#77
Bromobenzene
Concen: 0.244 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 156 Resp: 2152
Ion Ratio Lower Upper
156 100
77 220.7 90.6 271.8
158 100.7 48.9 146.7

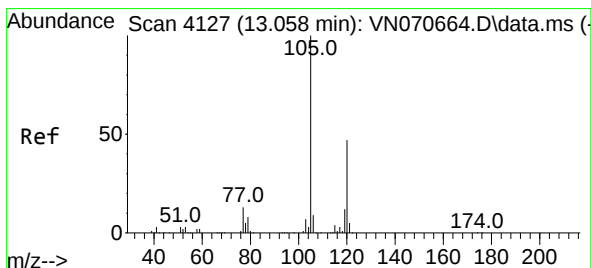
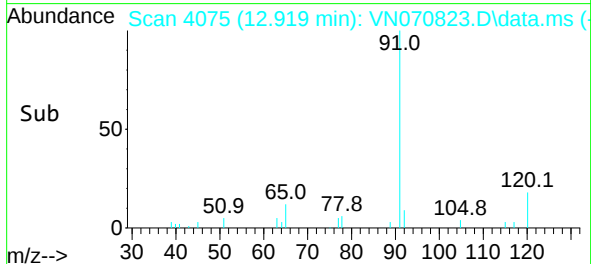
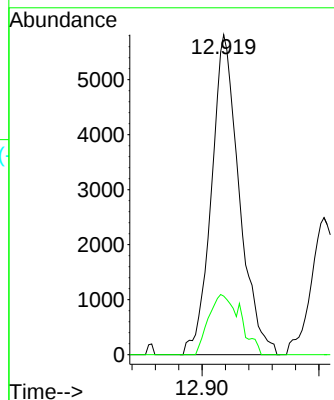
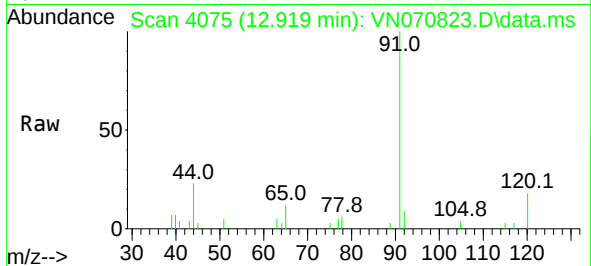




#78
n-propylbenzene
Concen: 0.219 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

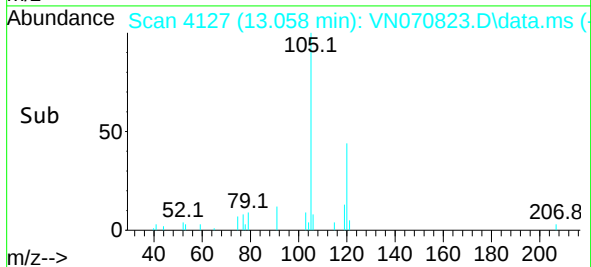
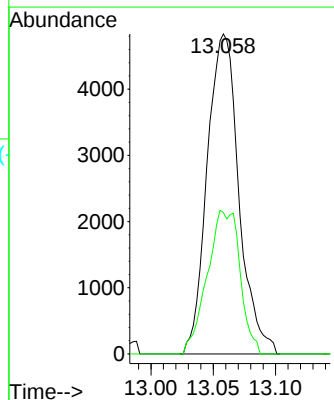
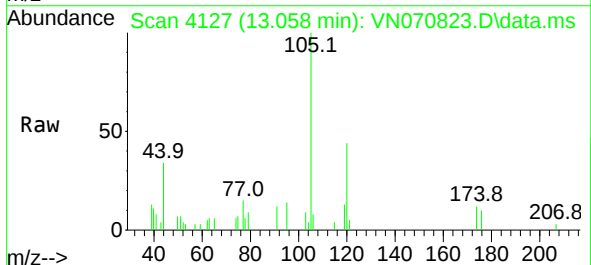
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

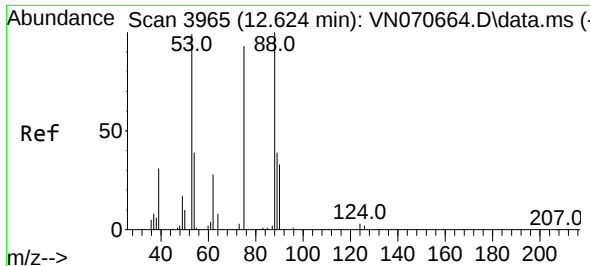
Tgt Ion: 91 Resp: 9623
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9



#80
1,3,5-Trimethylbenzene
Concen: 0.269 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 105 Resp: 8565
Ion Ratio Lower Upper
105 100
120 46.2 24.6 73.6

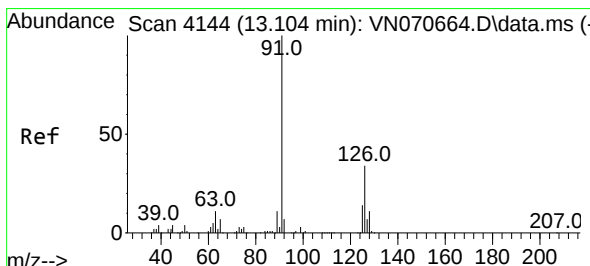
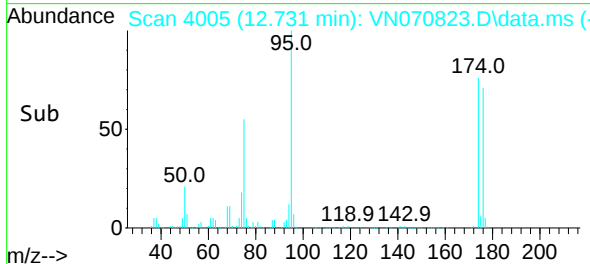
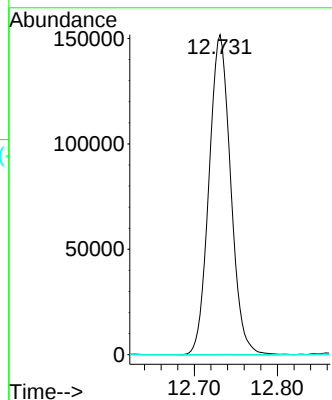
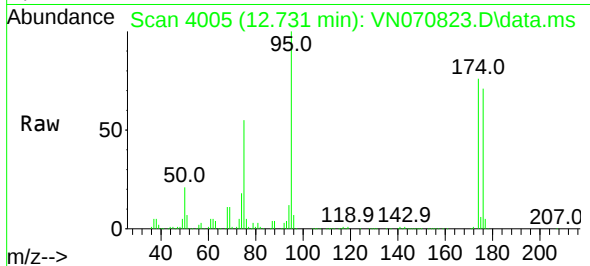




#81
trans-1,4-Dichloro-2-butene
Concen: 74.172 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

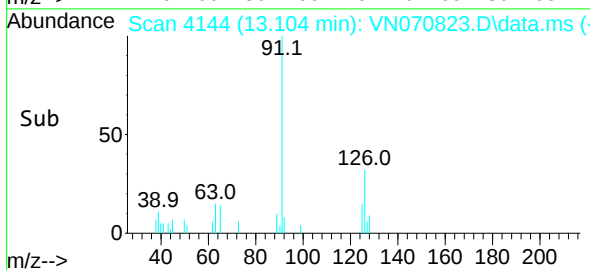
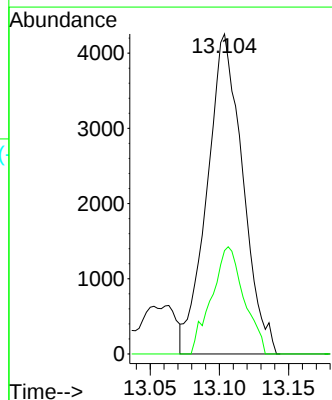
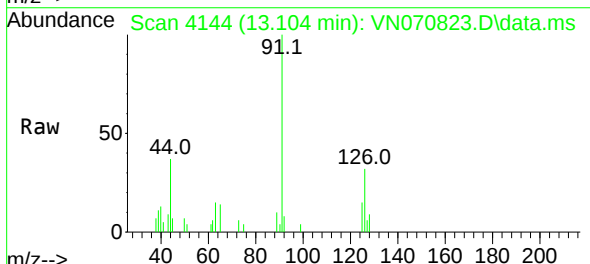
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

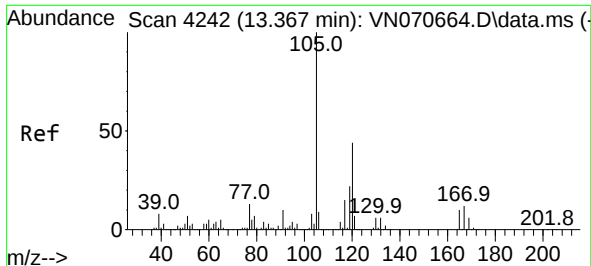
Tgt Ion: 75 Resp: 274685
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 38.2 57.4#



#82
4-Chlorotoluene
Concen: 0.292 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion: 91 Resp: 7590
Ion Ratio Lower Upper
91 100
126 30.5 18.2 54.6

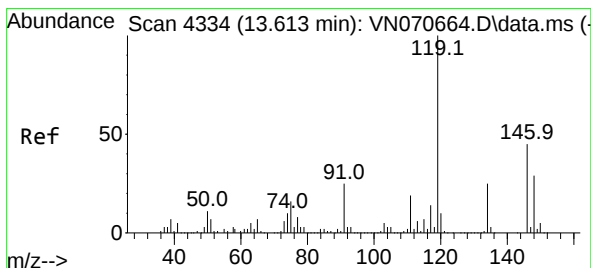
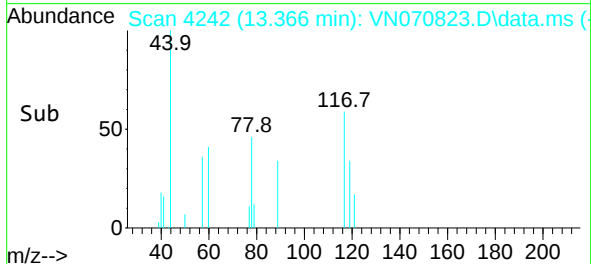
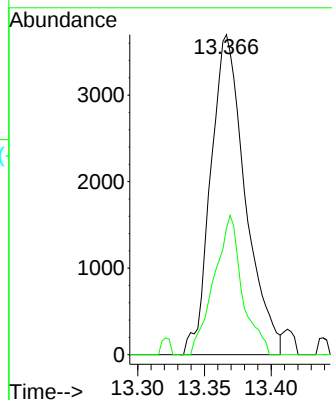
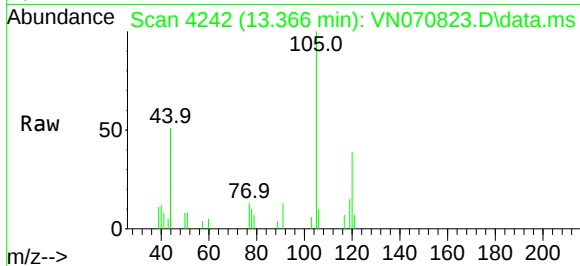




#84
1,2,4-Trimethylbenzene
Concen: 0.218 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.001 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

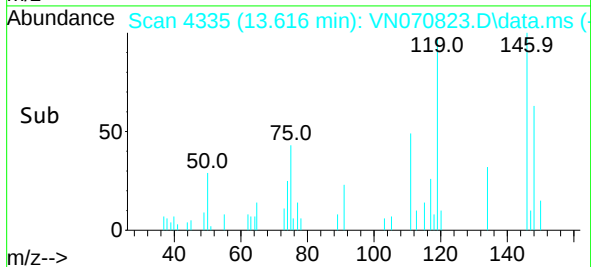
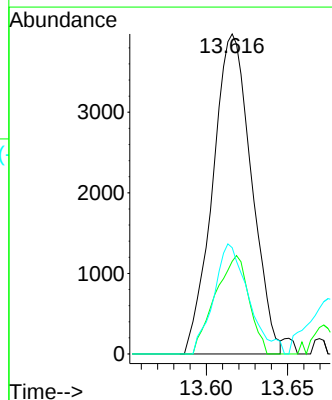
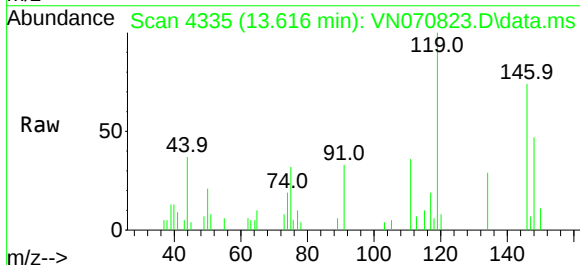
Instrument :
MSVOA_N
ClientSampleId :
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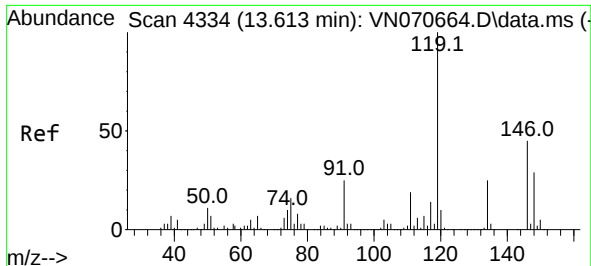
Tgt Ion:105 Resp: 6661
Ion Ratio Lower Upper
105 100
120 35.5 22.8 68.4



#86
p-Isopropyltoluene
Concen: 0.222 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion:119 Resp: 6568
Ion Ratio Lower Upper
119 100
134 26.9 13.6 40.7
91 31.0 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 0.395 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070823.D

Acq: 28 Jan 2022 12:47

Instrument :

MSVOA_N

ClientSampleId :

PB142316TB

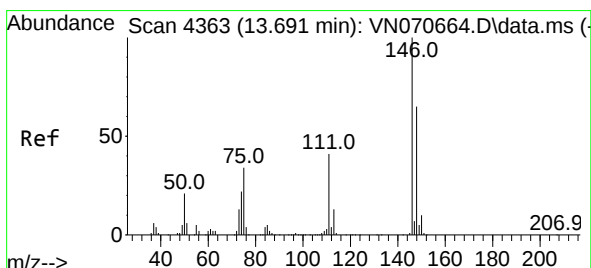
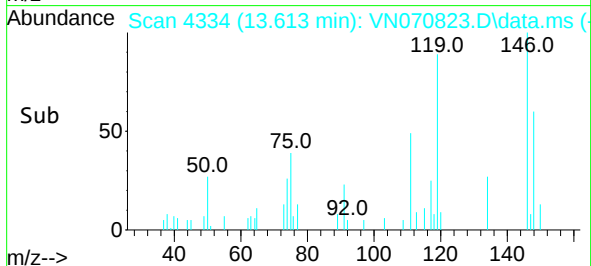
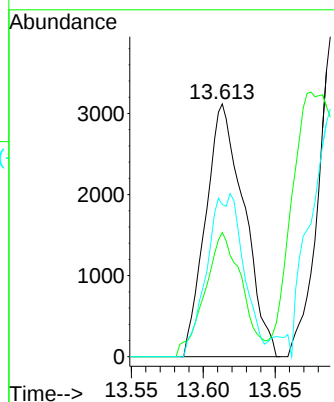
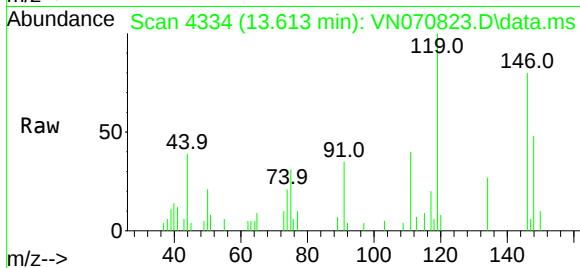
Tgt Ion:146 Resp: 5792

Ion Ratio Lower Upper

146 100

111 47.3 18.6 55.6

148 61.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.397 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. -0.078 min

Lab File: VN070823.D

Acq: 28 Jan 2022 12:47

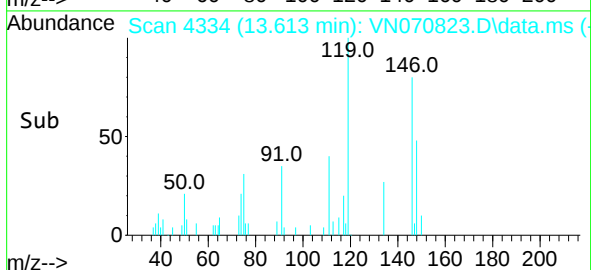
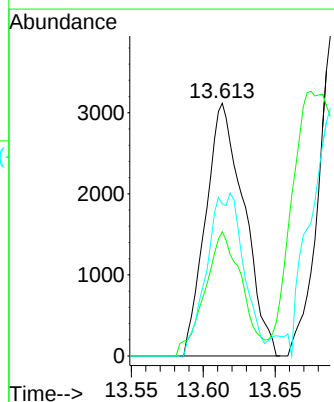
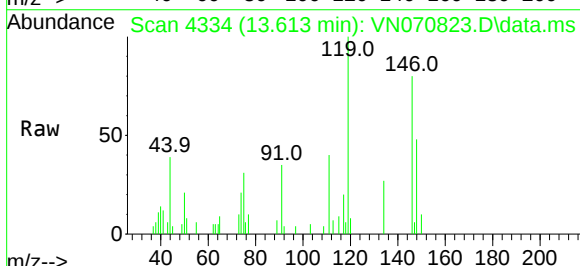
Tgt Ion:146 Resp: 5792

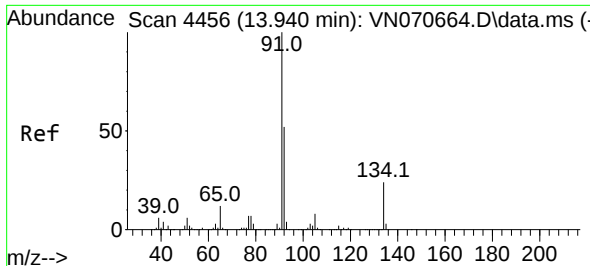
Ion Ratio Lower Upper

146 100

111 47.3 18.3 54.8

148 61.8 31.8 95.4

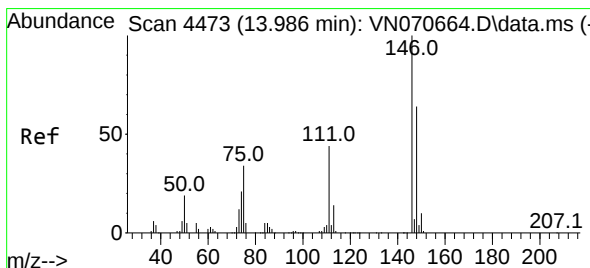
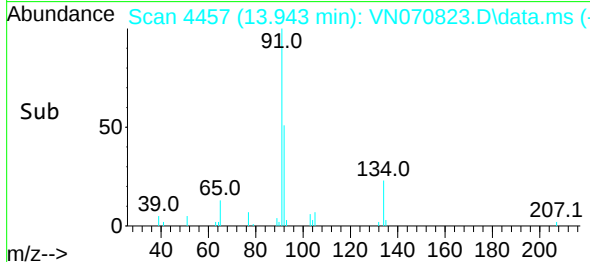
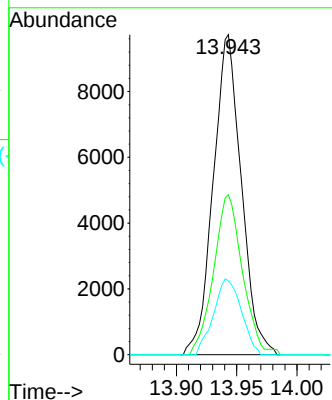
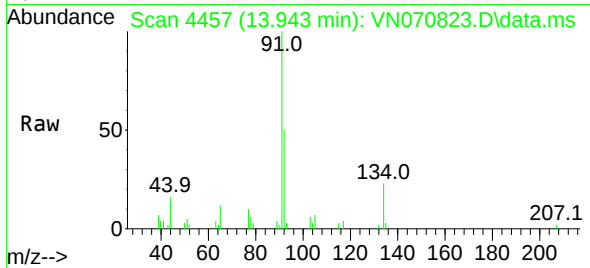




#89
n-Butylbenzene
Concen: 0.644 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

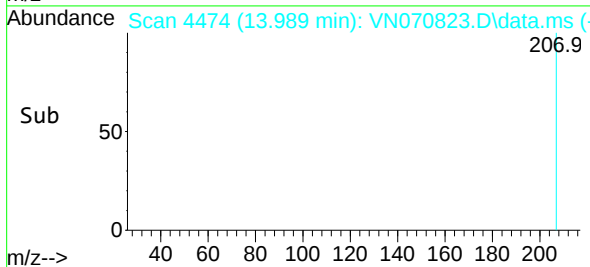
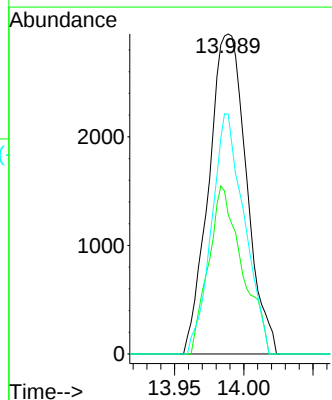
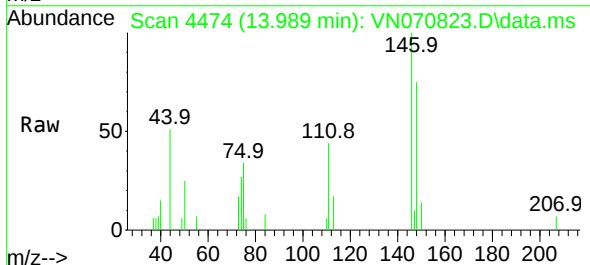
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

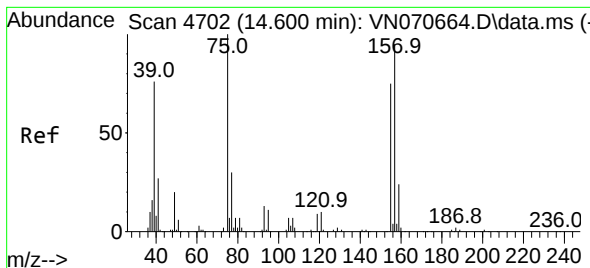
Tgt Ion:	91	Resp:	15718
Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.4	76.0
134	23.4	13.6	40.8



#91
1,2-Dichlorobenzene
Concen: 0.385 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

Tgt Ion:	146	Resp:	5579
Ion	Ratio	Lower	Upper
146	100		
111	46.8	19.1	57.3
148	65.2	32.1	96.3

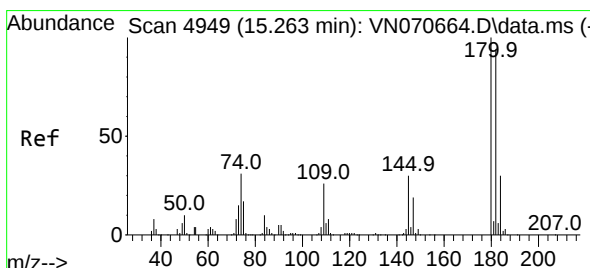
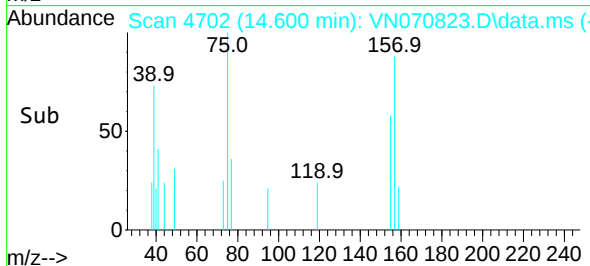
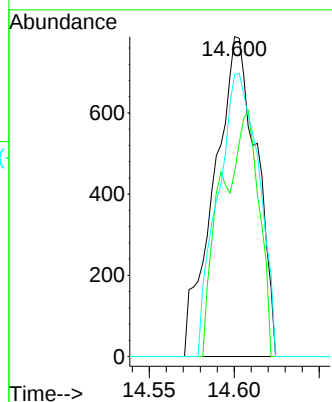
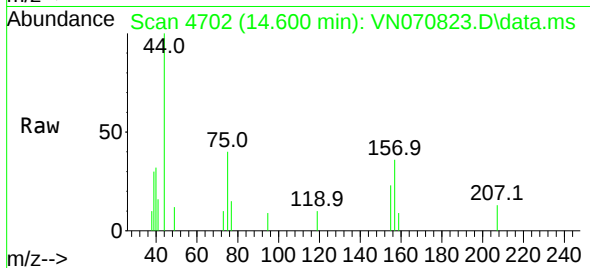




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.608 ug/l
 RT: 14.600 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VN070823.D
 Acq: 28 Jan 2022 12:47

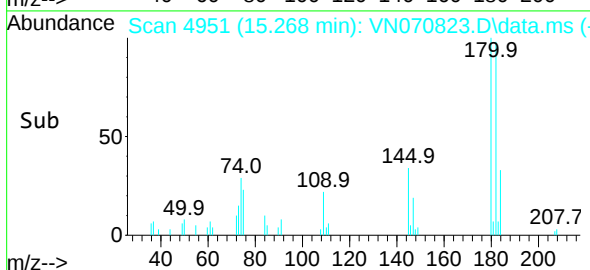
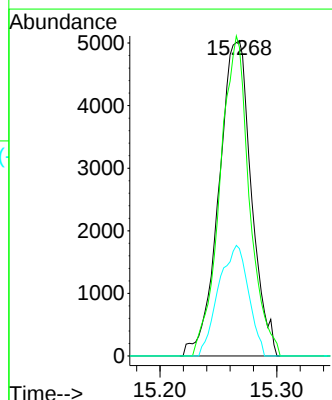
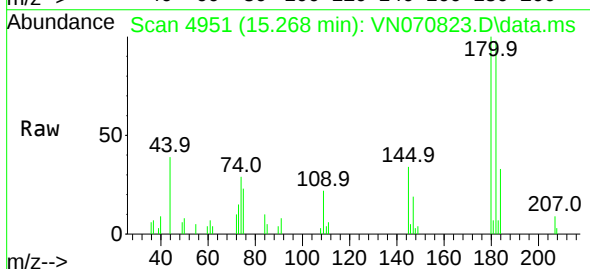
Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316TB

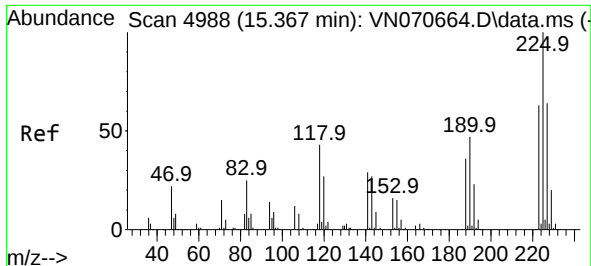
Tgt Ion: 75 Resp: 1370
 Ion Ratio Lower Upper
 75 100
 155 42.8 46.9 140.7#
 157 85.2 60.6 181.7



#93
 1,2,4-Trichlorobenzene
 Concen: 4.601 ug/l
 RT: 15.268 min Scan# 4951
 Delta R.T. 0.005 min
 Lab File: VN070823.D
 Acq: 28 Jan 2022 12:47

Tgt Ion: 180 Resp: 9704
 Ion Ratio Lower Upper
 180 100
 182 91.8 48.3 144.9
 145 32.3 14.5 43.5

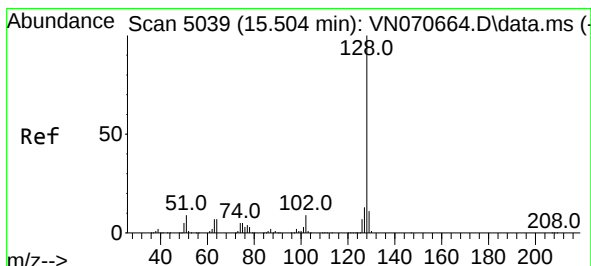
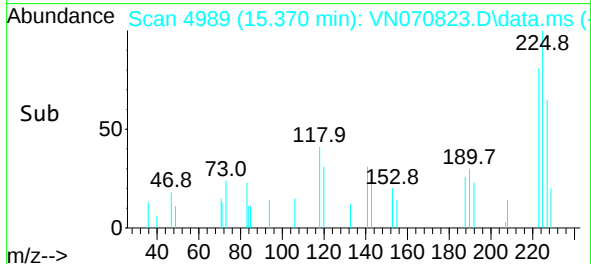
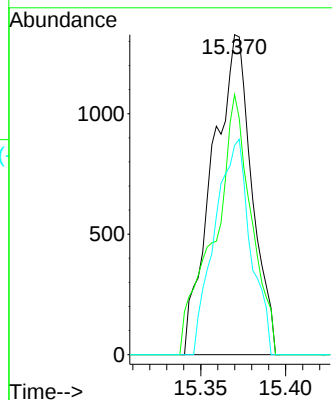
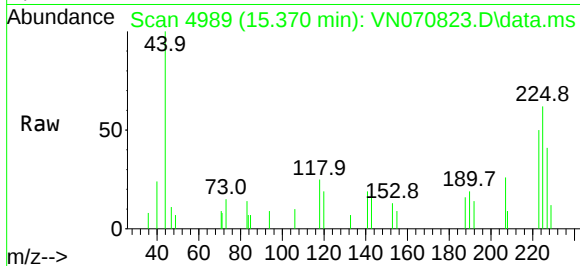




#94
Hexachlorobutadiene
Concen: 0.500 ug/l
RT: 15.370 min Scan# 4988
Delta R.T. 0.003 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

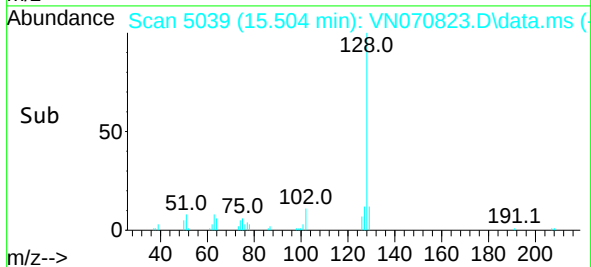
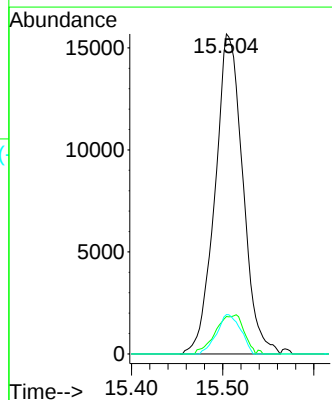
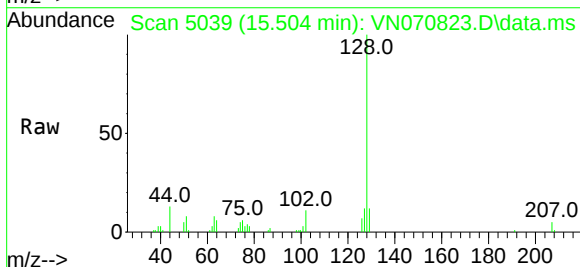
Instrument :
MSVOA_N
ClientSampleId :
PB142316TB

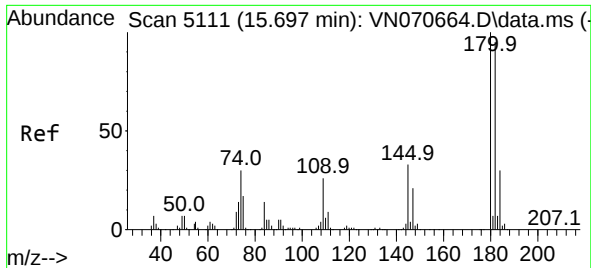
Tgt Ion:	225	Resp:	2149
Ion Ratio	Lower	Upper	
225	100		
223	76.4	31.9	95.7
227	60.9	32.1	96.3



#95
Naphthalene
Concen: 6.335 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. 0.000 min
Lab File: VN070823.D
Acq: 28 Jan 2022 12:47

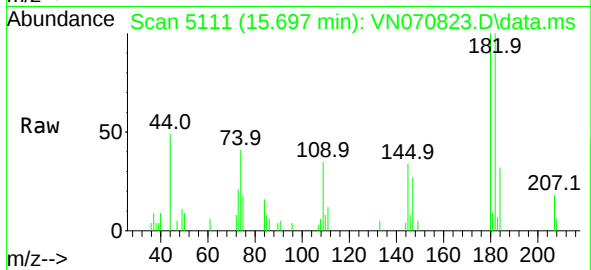
Tgt Ion:	128	Resp:	33195
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.5	15.7
129	10.6	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 4.505 ug/l
 RT: 15.697 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN070823.D
 Acq: 28 Jan 2022 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142316TB



Tgt Ion:180 Resp: 10121
 Ion Ratio Lower Upper
 180 100
 182 99.7 47.4 142.2
 145 19.6 15.0 45.1

