

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069554.D
 Acq On : 18 Nov 2021 15:43
 Operator : JC/MD
 Sample : M4739-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 03:18:50 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	8.088	168	1351569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	2373704	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	2365360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	905886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	1005436	51.305	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 102.620%	
35) Dibromofluoromethane	8.024	113	685714	48.166	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.340%	
50) Toluene-d8	10.443	98	3005455	53.677	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.360%	
62) 4-Bromofluorobenzene	12.734	95	1081303	52.569	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 105.140%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.390	59	69084	19.563	ug/l #	71
13) Acrolein	4.047	56	255	Below Cal	#	14
15) Acrylonitrile	5.621	53	74298	8.216	ug/l #	20
18) Methyl Acetate	5.077	43	76176	2.216	ug/l #	51
19) Methyl tert-butyl Ether	5.621	73	5410837	116.713	ug/l	91
22) Diisopropyl ether	6.501	45	230459	4.417	ug/l	91
23) Vinyl Acetate	6.503	43	131462	3.258	ug/l #	72
24) 1,1-Dichloroethane	6.393	63	31141	1.172	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	152381	10.047	ug/l	98
29) Tetrahydrofuran	7.708	42	3313	0.377	ug/l #	76
31) Cyclohexane	8.094	56	82770	3.092	ug/l #	76
36) 1,1-Dichloropropene	8.088	75	113870	5.701	ug/l #	50
38) Carbon Tetrachloride	8.088	117	139633	7.241	ug/l #	16
39) Methylcyclohexane	9.464	83	37081	1.492	ug/l	90
40) Benzene	8.464	78	7515231	121.901	ug/l	99
42) 1,2-Dichloroethane	8.461	62	74156	3.072	ug/l	83
43) Isopropyl Acetate	8.560	43	11344	0.262	ug/l #	55
44) Trichloroethene	9.217	130	34400	2.331	ug/l	95
49) 1,4-Dioxane	9.585	88	171	39.465	ug/l #	1
52) Toluene	10.510	92	56206	1.463	ug/l	94
53) t-1,3-Dichloropropene	10.709	75	78	2.640	ug/l #	1
54) cis-1,3-Dichloropropene	10.035	75	51	1.735	ug/l #	1
55) 1,1,2-Trichloroethane	10.880	97	5166	0.334	ug/l #	22
56) Ethyl methacrylate	10.765	69	720	2.077	ug/l #	24
58) 2-Chloroethyl Vinyl ether	10.017	63	214	22.796	ug/l #	45
59) 2-Hexanone	11.210	43	611	7.967	ug/l	66
60) Dibromochloromethane	10.982	129	7311	2.827	ug/l #	11
61) 1,2-Dibromoethane	11.355	107	100	1.077	ug/l #	58
64) Tetrachloroethene	10.980	164	7049	0.494	ug/l	87
67) Ethyl Benzene	11.848	91	1702497	20.966	ug/l	96
68) m/p-Xylenes	11.950	106	28043	0.939	ug/l	85
69) o-Xylene	12.286	106	8994	0.302	ug/l	89
70) Styrene	12.291	104	566	1.531	ug/l #	1
73) Isopropylbenzene	12.581	105	105371	1.461	ug/l	96
76) 1,2,3-Trichloropropane	12.734	75	605203	28.949	ug/l #	1
78) n-propylbenzene	12.921	91	259078	3.192	ug/l	95

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

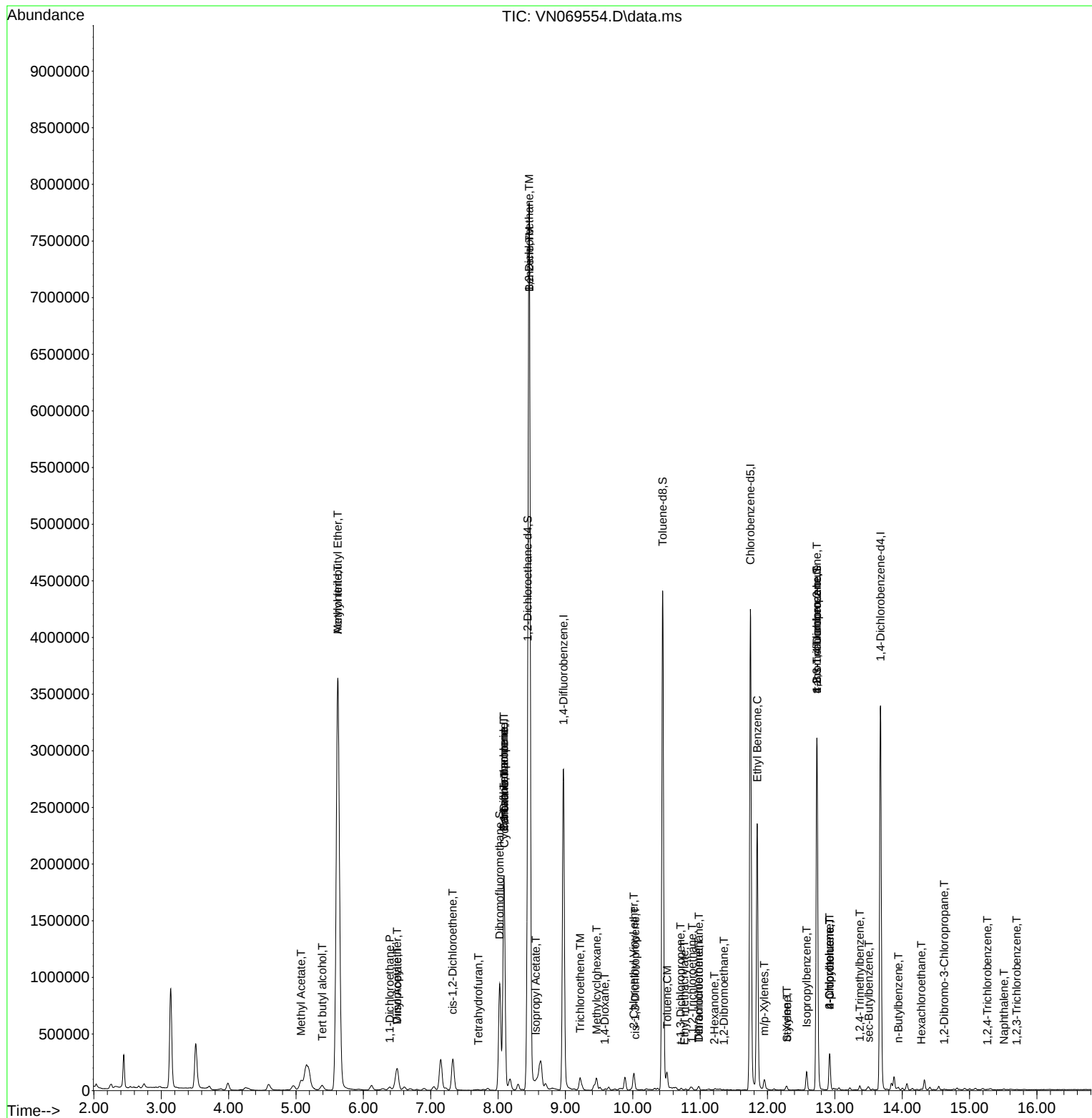
79) 2-Chlorotoluene	12.921	91	259078	5.156	ug/l #	38
81) trans-1,4-Dichloro-2-b...	12.734	75	605203	81.985	ug/l #	5
82) 4-Chlorotoluene	12.921	91	259078	5.408	ug/l #	38
84) 1,2,4-Trimethylbenzene	13.369	105	20539	0.365	ug/l	97
85) sec-Butylbenzene	13.503	105	16304	0.228	ug/l #	77
89) n-Butylbenzene	13.943	91	13282	0.281	ug/l #	77
90) Hexachloroethane	14.281	117	3619	2.494	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.622	75	94	1.817	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.265	180	581	3.152	ug/l #	42
95) Naphthalene	15.509	128	6822	4.606	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.700	180	259	3.187	ug/l #	25

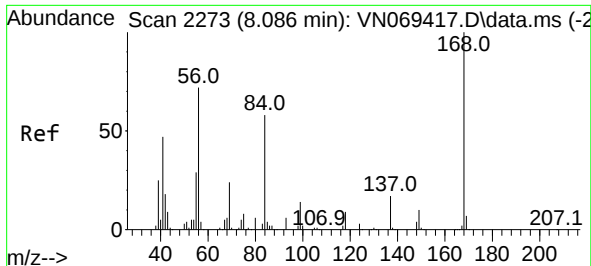
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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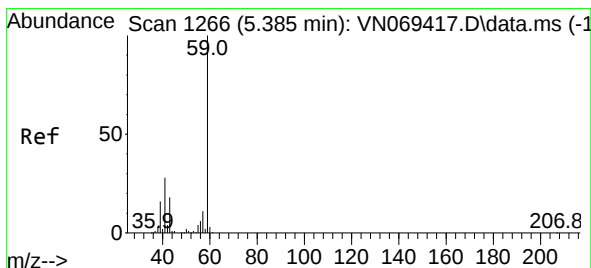
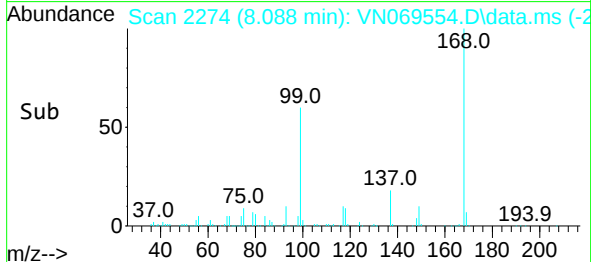
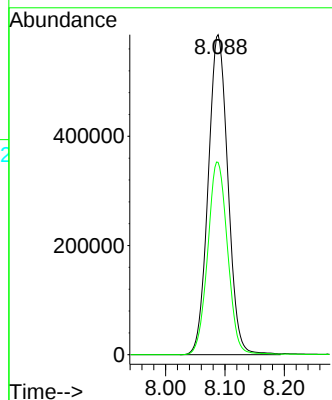
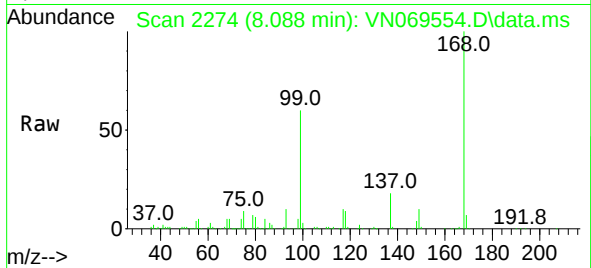




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

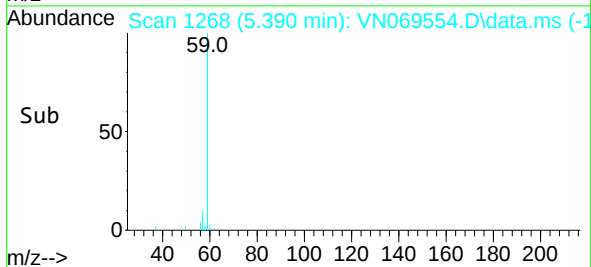
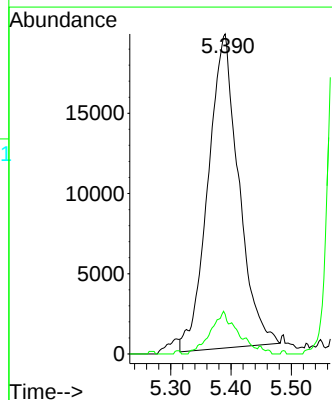
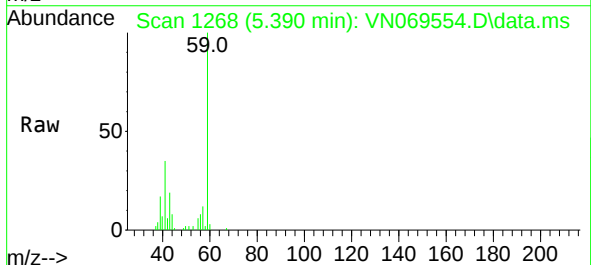
Instrument :
MSVOA_N
ClientSampleId :

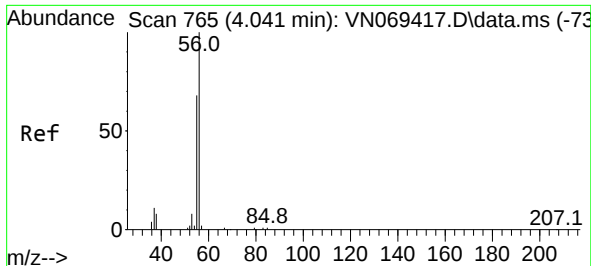
Tgt Ion:168 Resp: 1351569
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9



#11
Tert butyl alcohol
Concen: 19.563 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.005 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 59 Resp: 69084
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

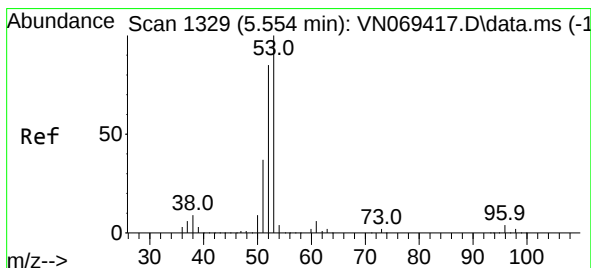
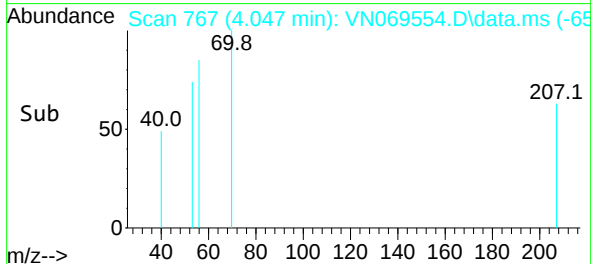
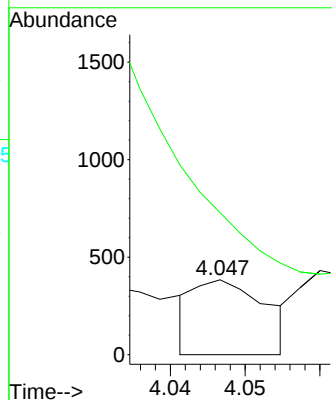
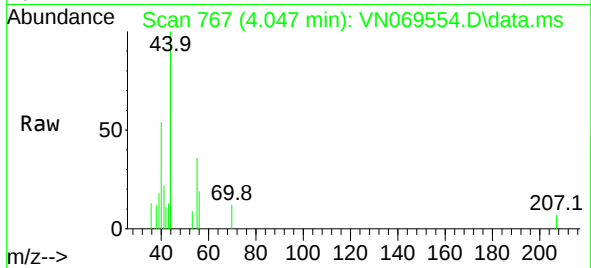




#13
Acrolein
Concen: Below Cal
RT: 4.047 min Scan# 765
Delta R.T. 0.006 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

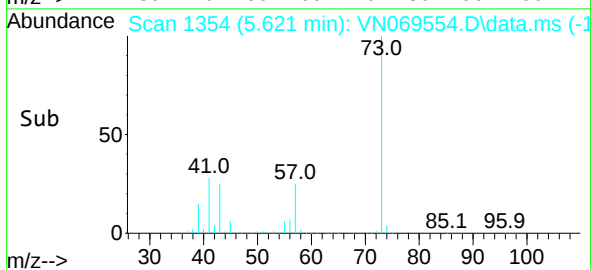
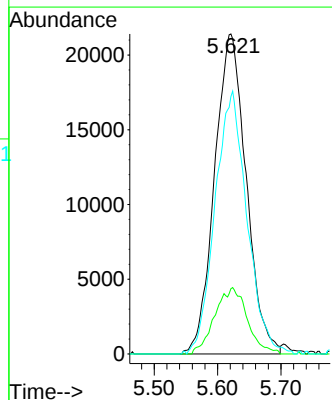
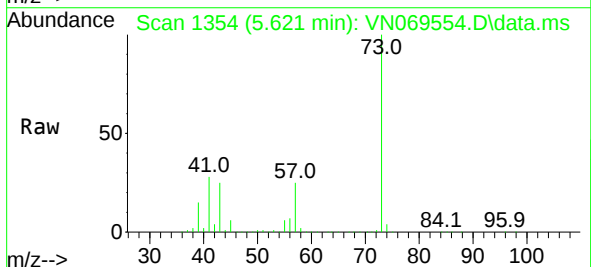
Instrument :
MSVOA_N
ClientSampleId :

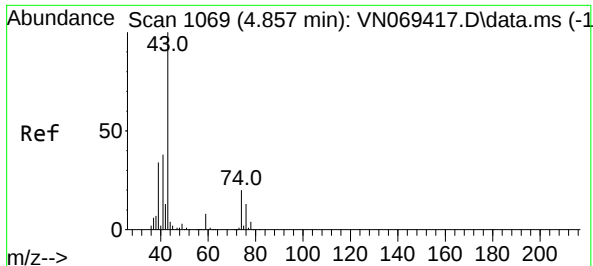
Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 0.0 56.6 85.0#



#15
Acrylonitrile
Concen: 8.216 ug/l
RT: 5.621 min Scan# 1354
Delta R.T. 0.067 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 53 Resp: 74298
Ion Ratio Lower Upper
53 100
52 9.1 66.2 99.2#
51 82.7 29.6 44.4#





#18

Methyl Acetate

Concen: 2.216 ug/l

RT: 5.077 min Scan# 1151

Delta R.T. 0.220 min

Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

Instrument :

MSVOA_N

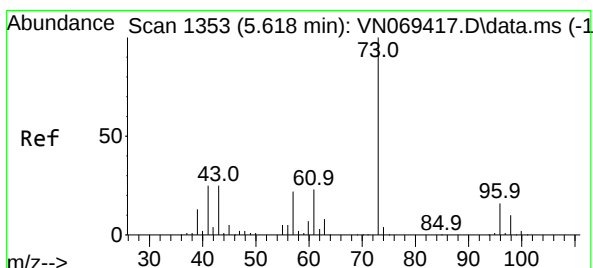
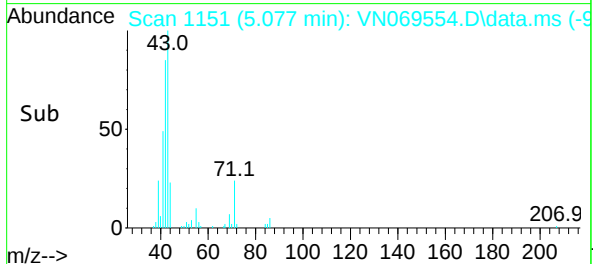
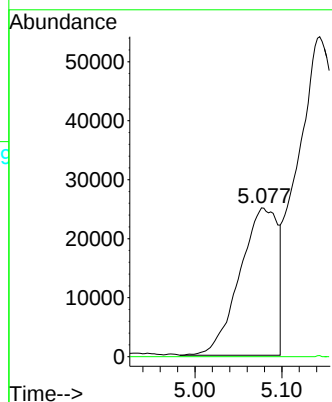
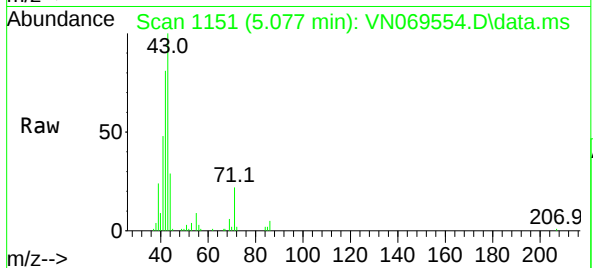
ClientSampleId :

Tgt Ion: 43 Resp: 76176

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



#19

Methyl tert-butyl Ether

Concen: 116.713 ug/l

RT: 5.621 min Scan# 1354

Delta R.T. 0.003 min

Lab File: VN069554.D

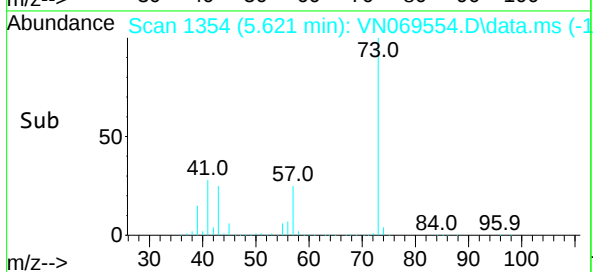
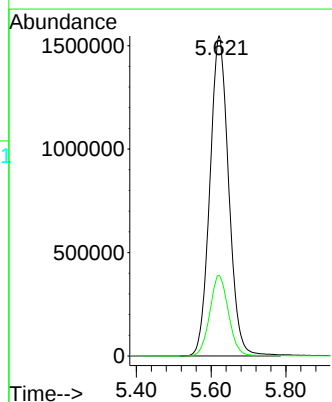
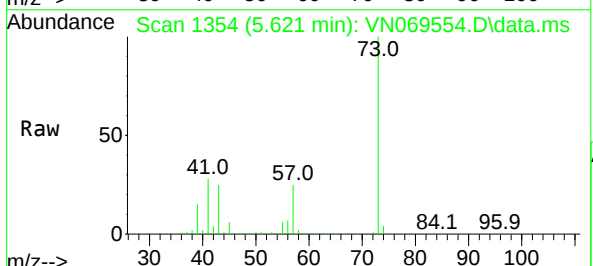
Acq: 18 Nov 2021 15:43

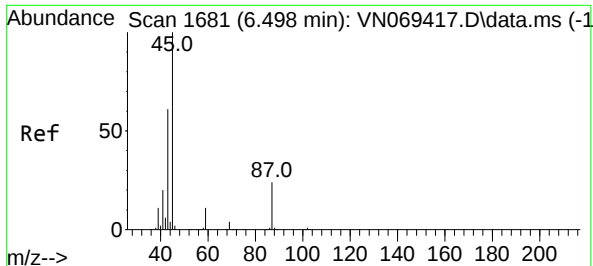
Tgt Ion: 73 Resp: 5410837

Ion Ratio Lower Upper

73 100

57 25.1 16.8 25.2





#22

Diisopropyl ether

Concen: 4.417 ug/l

RT: 6.501 min Scan# 1

Delta R.T. 0.003 min

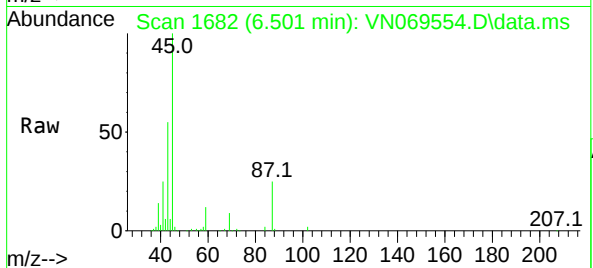
Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 45 Resp: 230459

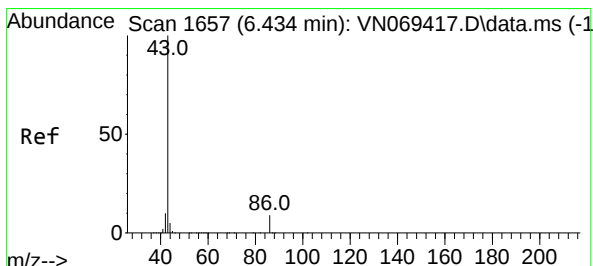
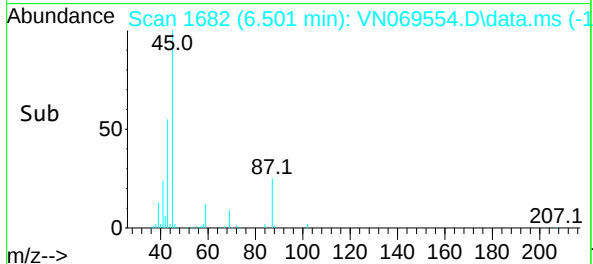
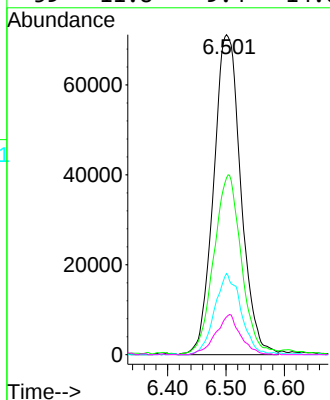
Ion Ratio Lower Upper

45 100

43 55.2 51.7 77.5

87 25.3 23.2 34.8

59 11.8 9.4 14.0



#23

Vinyl Acetate

Concen: 3.258 ug/l

RT: 6.503 min Scan# 1683

Delta R.T. 0.069 min

Lab File: VN069554.D

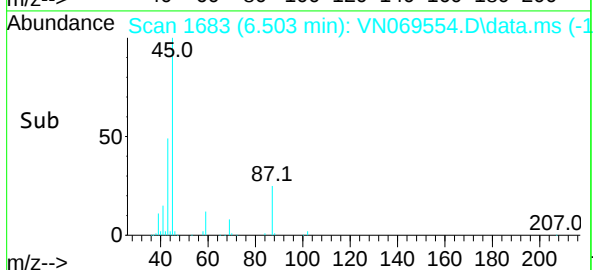
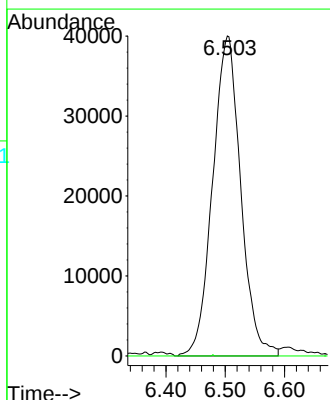
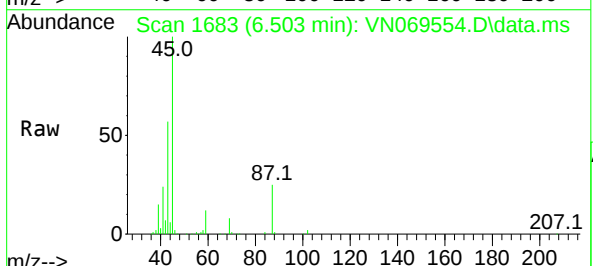
Acq: 18 Nov 2021 15:43

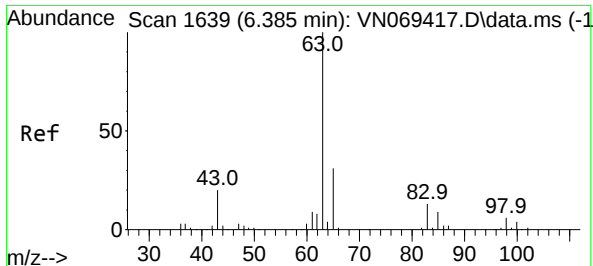
Tgt Ion: 43 Resp: 131462

Ion Ratio Lower Upper

43 100

86 0.0 8.5 12.7#

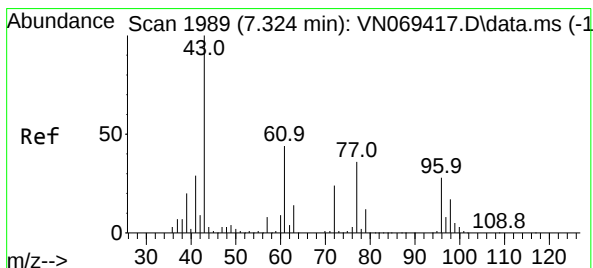
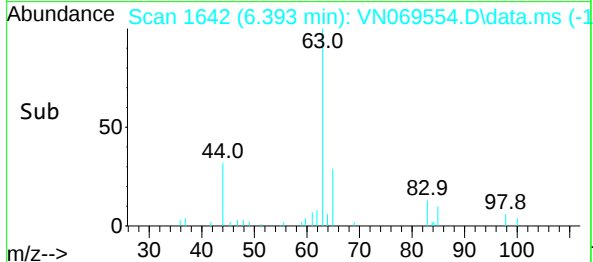
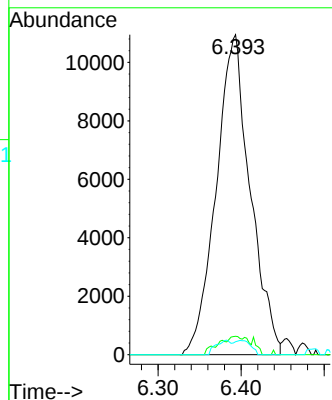
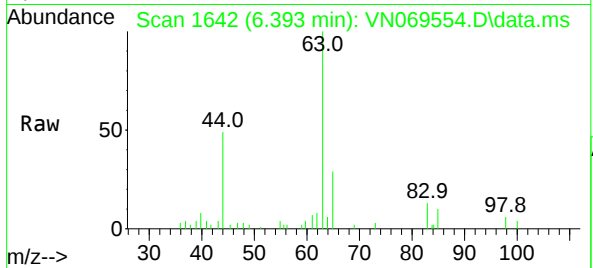




#24
1,1-Dichloroethane
Concen: 1.172 ug/l
RT: 6.393 min Scan# 1
Delta R.T. 0.008 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

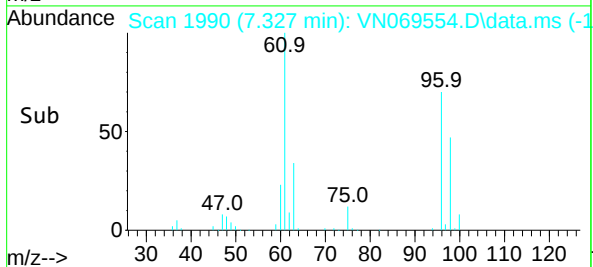
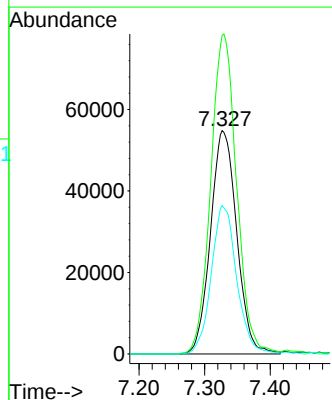
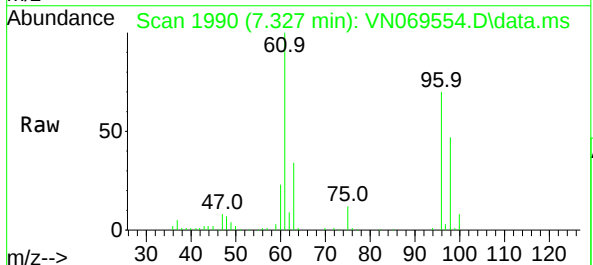
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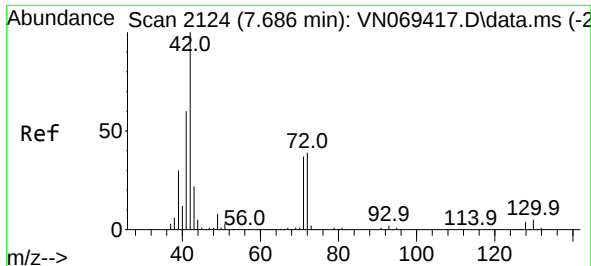
Tgt Ion: 63 Resp: 31141
Ion Ratio Lower Upper
63 100
98 5.7 3.3 9.9
100 4.0 2.1 6.5



#27
cis-1,2-Dichloroethene
Concen: 10.047 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 96 Resp: 152381
Ion Ratio Lower Upper
96 100
61 141.0 0.0 275.0
98 64.2 0.0 129.6





#29

Tetrahydrofuran

Concen: 0.377 ug/l

RT: 7.708 min Scan# 21

Delta R.T. 0.022 min

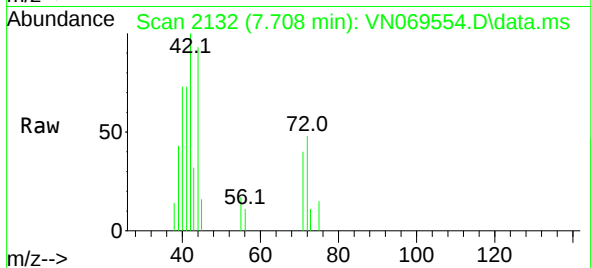
Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

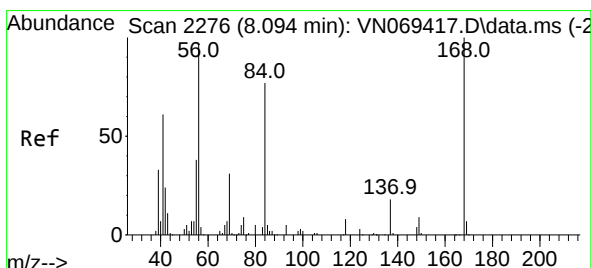
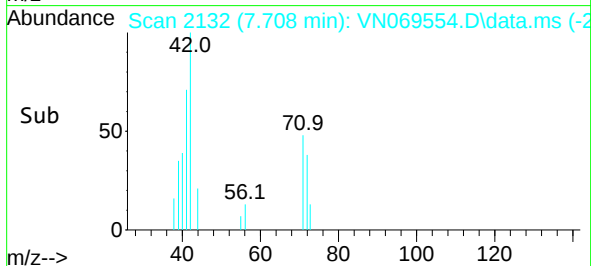
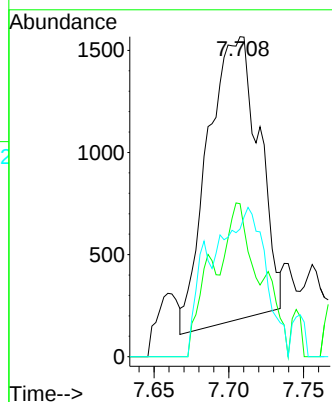
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	3313
Ion	Ratio	Lower	Upper
42	100		
72	14.5	36.3	54.5#
71	43.9	34.7	52.1



#31

Cyclohexane

Concen: 3.092 ug/l

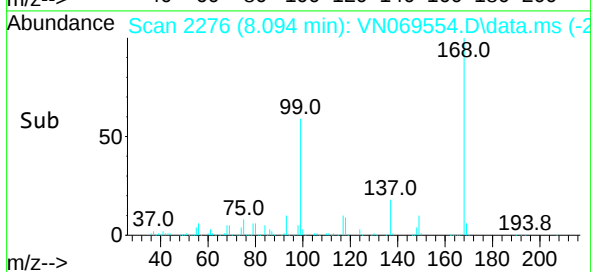
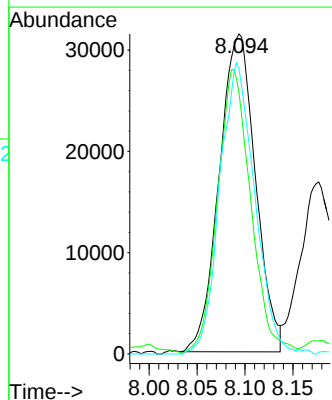
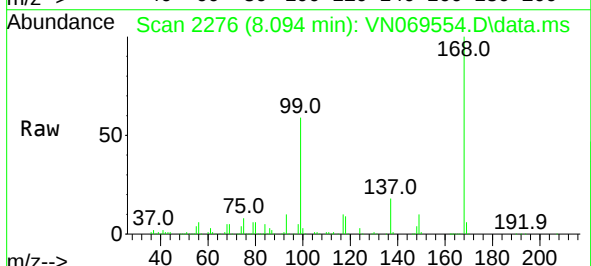
RT: 8.094 min Scan# 2276

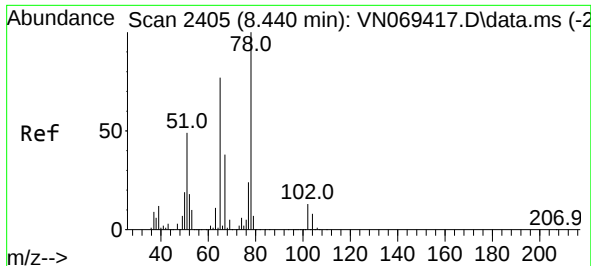
Delta R.T. -0.000 min

Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

Tgt Ion:	56	Resp:	82770
Ion	Ratio	Lower	Upper
56	100		
69	81.4	27.1	40.7#
84	89.4	73.4	110.0

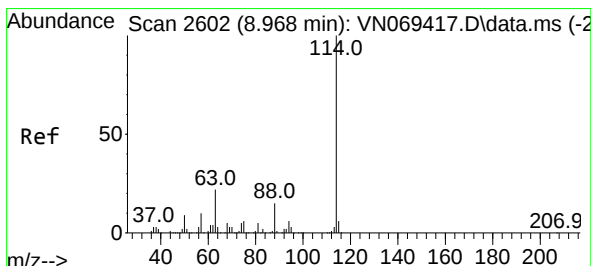
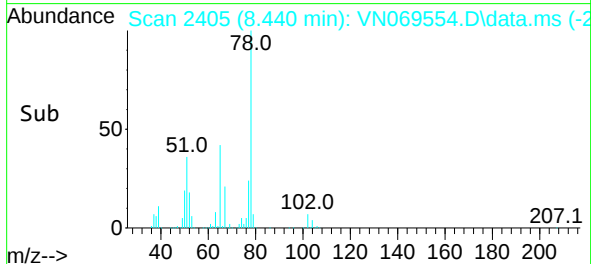
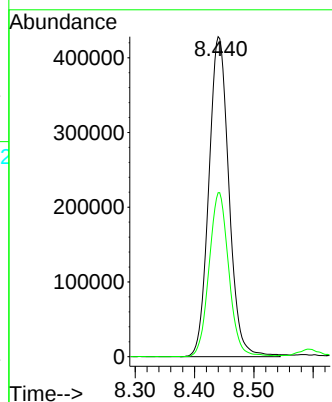
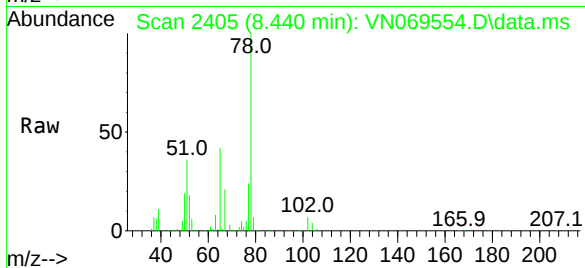




#33
 1,2-Dichloroethane-d4
 Concen: 51.305 ug/l
 RT: 8.440 min Scan# 2405
 Delta R.T. -0.000 min
 Lab File: VN069554.D
 Acq: 18 Nov 2021 15:43

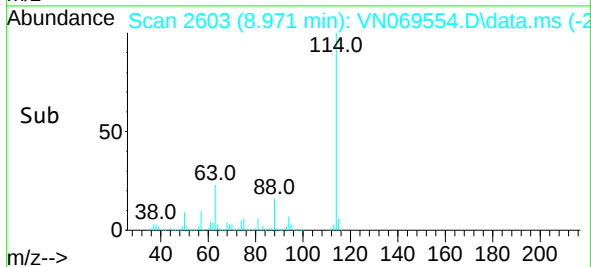
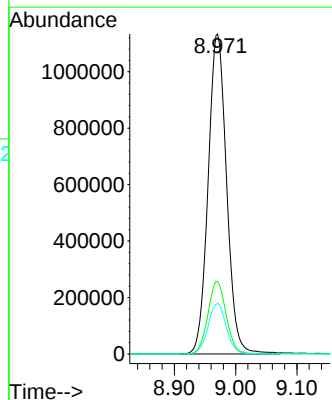
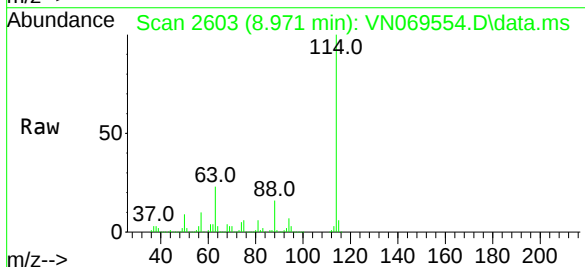
Instrument :
 MSVOA_N
 ClientSampleId :

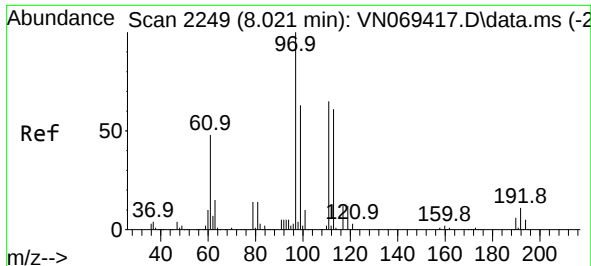
Tgt Ion: 65 Resp: 1005436
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.971 min Scan# 2603
 Delta R.T. 0.003 min
 Lab File: VN069554.D
 Acq: 18 Nov 2021 15:43

Tgt Ion: 114 Resp: 2373704
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 37.8
 88 15.7 0.0 27.4

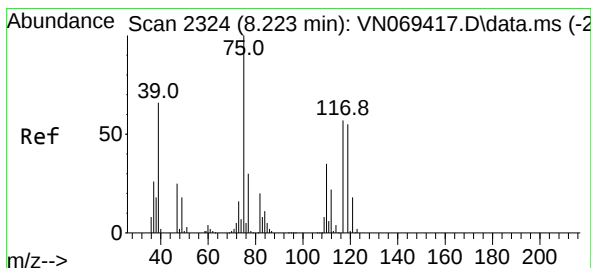
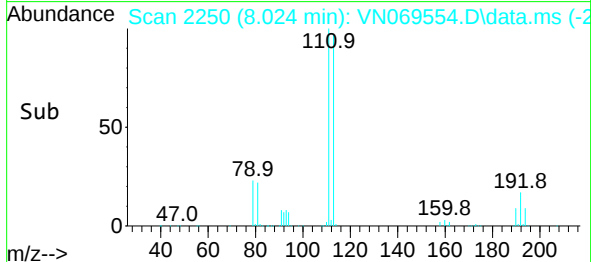
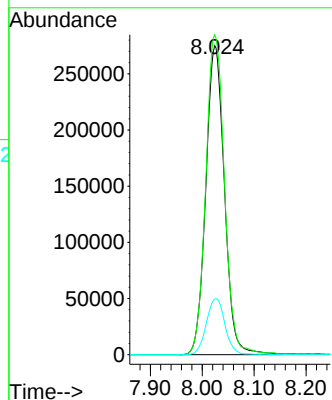
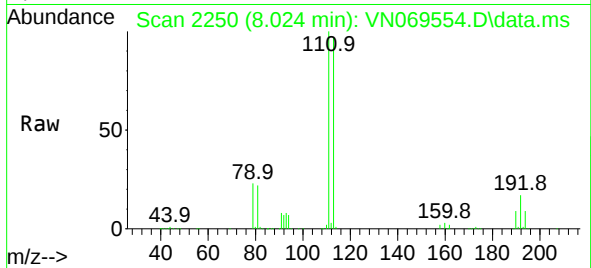




#35
Dibromofluoromethane
Concen: 48.166 ug/l
RT: 8.024 min Scan# 211
Delta R.T. 0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

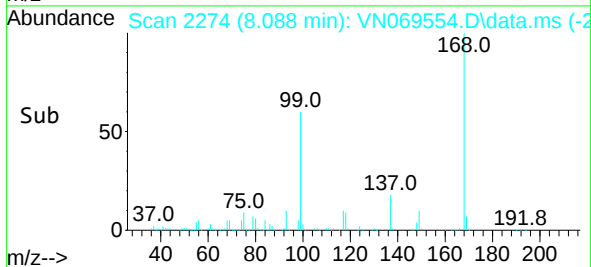
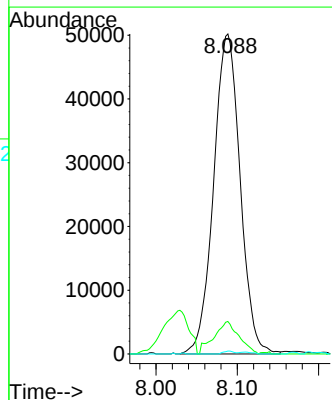
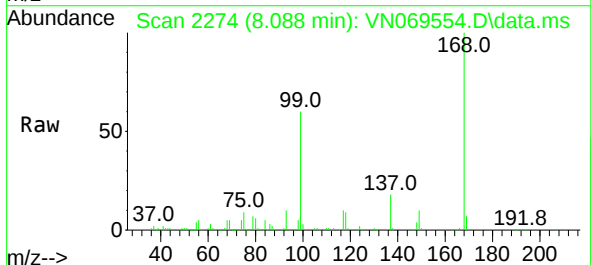
Instrument :
MSVOA_N
ClientSampleId :

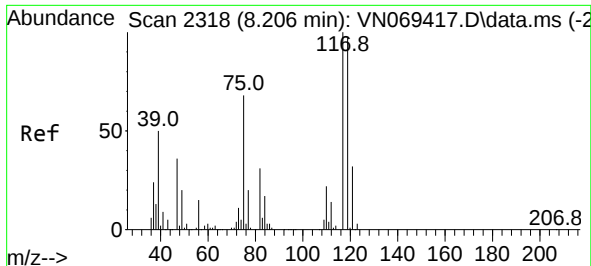
Tgt Ion:113 Resp: 685714
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.2
192 18.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 5.701 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

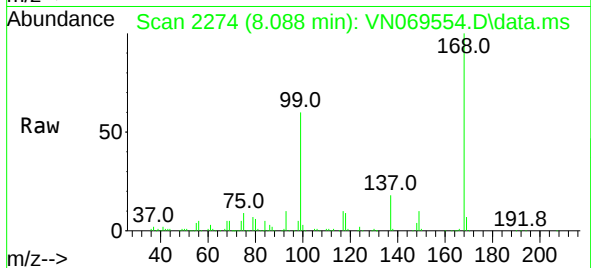
Tgt Ion: 75 Resp: 113870
Ion Ratio Lower Upper
75 100
110 9.6 18.4 55.2#
77 0.0 24.4 36.6#



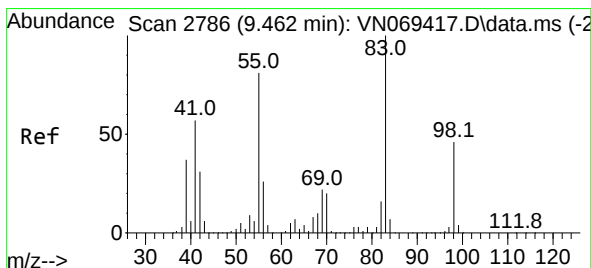
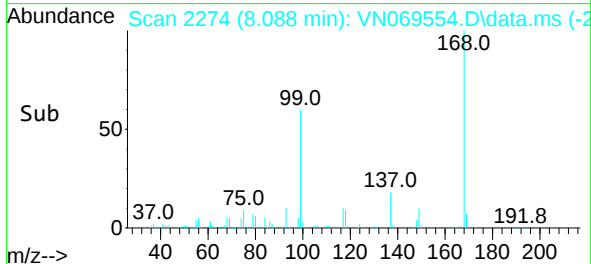
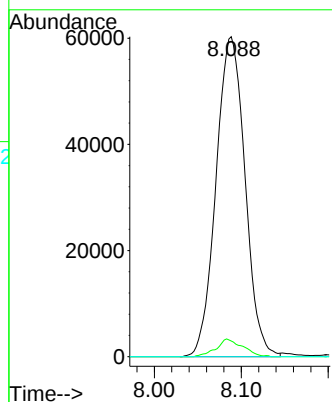


#38
Carbon Tetrachloride
Concen: 7.241 ug/l
RT: 8.088 min Scan# 21
Delta R.T. -0.118 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Instrument :
MSVOA_N
ClientSampleId :

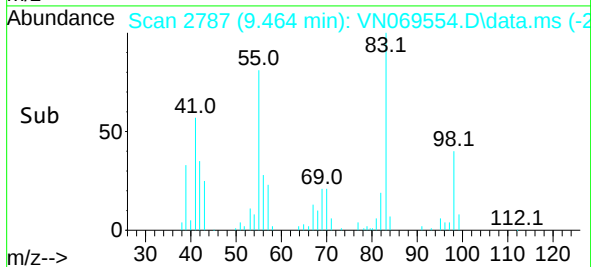
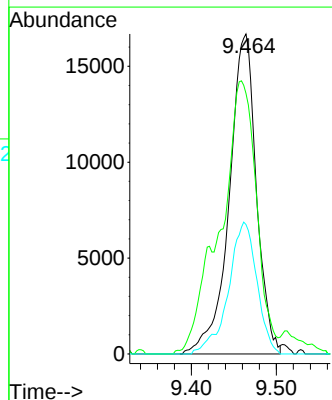
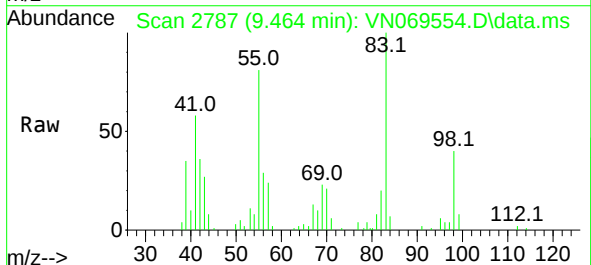


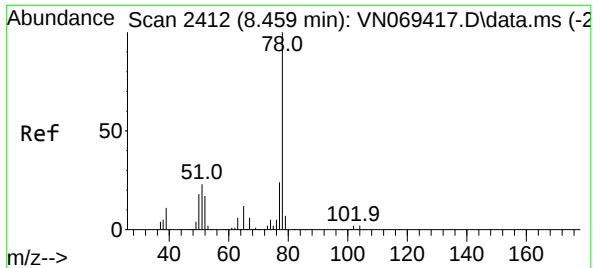
Tgt Ion:117 Resp: 139633
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 1.492 ug/l
RT: 9.464 min Scan# 2787
Delta R.T. 0.002 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 83 Resp: 37081
Ion Ratio Lower Upper
83 100
55 80.4 58.1 87.1
98 40.4 38.4 57.6

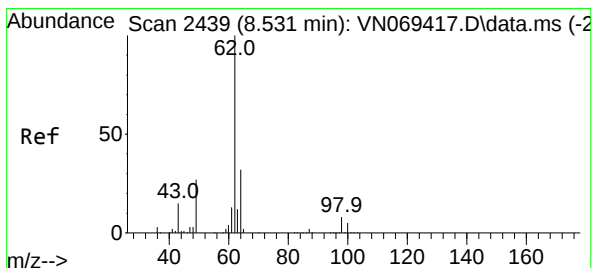
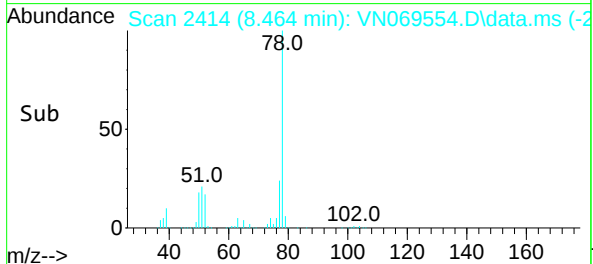
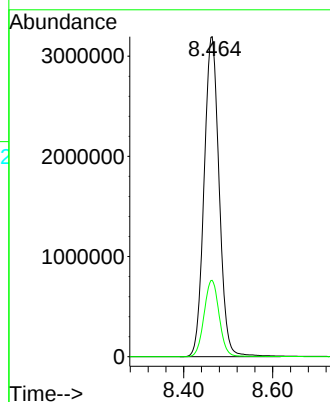
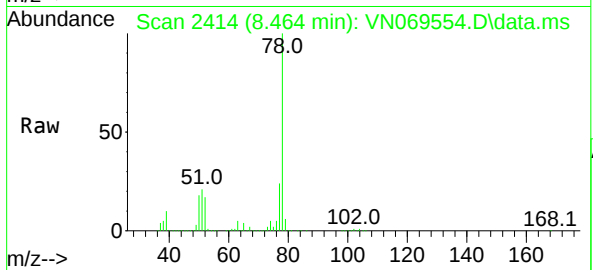




#40
Benzene
Concen: 121.901 ug/l
RT: 8.464 min Scan# 2413
Delta R.T. 0.005 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

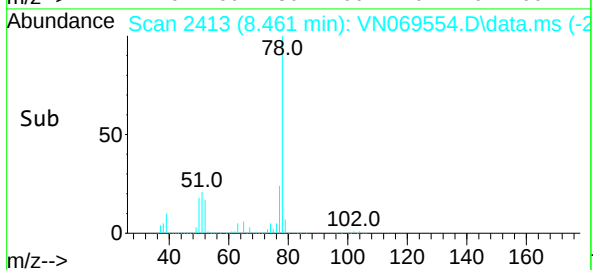
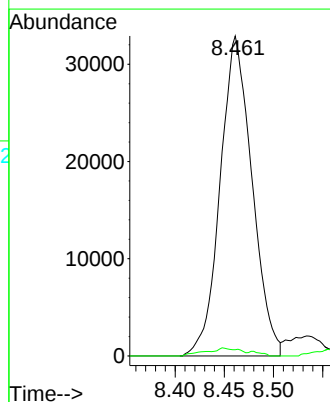
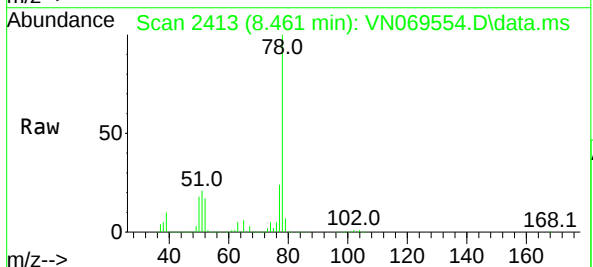
Instrument :
MSVOA_N
ClientSampleId :

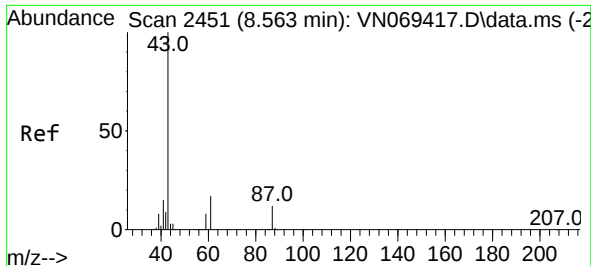
Tgt Ion: 78 Resp: 7515231
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8



#42
1,2-Dichloroethane
Concen: 3.072 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. -0.070 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

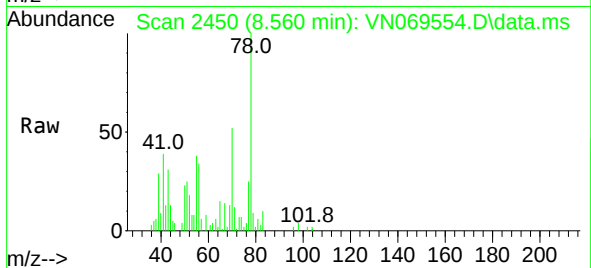
Tgt Ion: 62 Resp: 74156
Ion Ratio Lower Upper
62 100
98 2.6 0.0 17.6



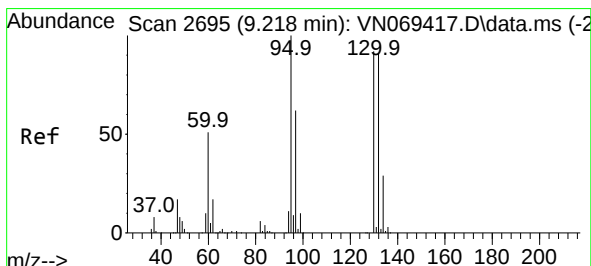
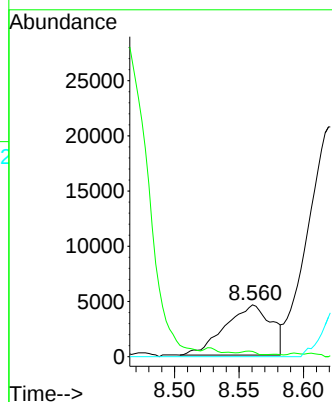
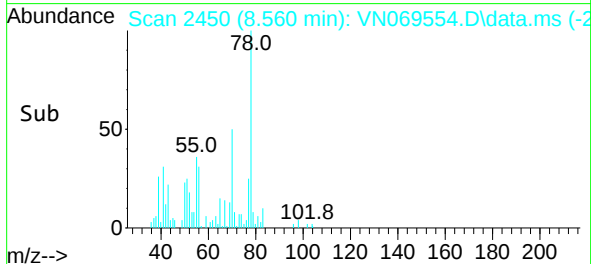


#43
Isopropyl Acetate
Concen: 0.262 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Instrument :
MSVOA_N
ClientSampleId :

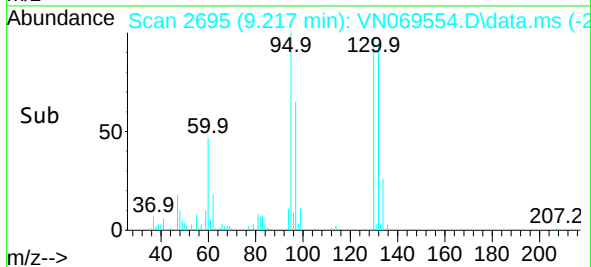
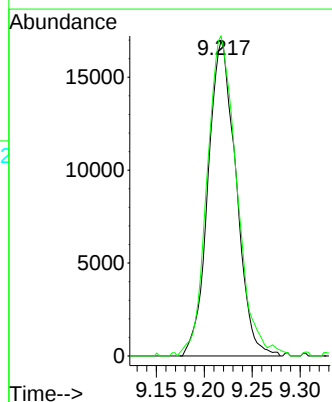
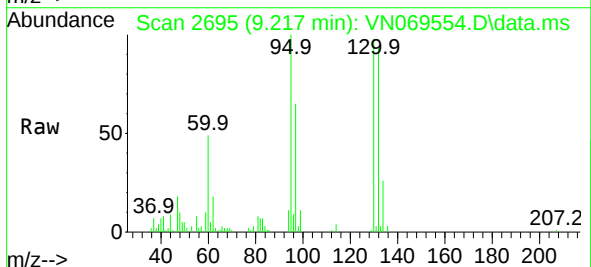


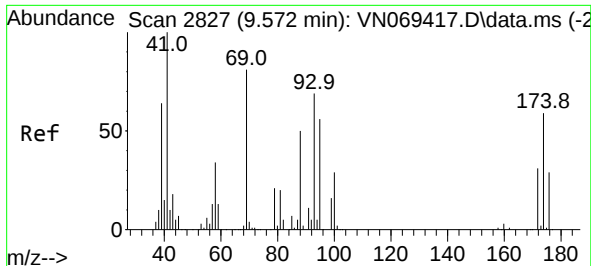
Tgt Ion: 43 Resp: 11344
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#



#44
Trichloroethene
Concen: 2.331 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. -0.001 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion:130 Resp: 34400
Ion Ratio Lower Upper
130 100
95 100.6 0.0 191.2





#49

1,4-Dioxane

Concen: 39.465 ug/l

RT: 9.585 min Scan# 21

Delta R.T. 0.013 min

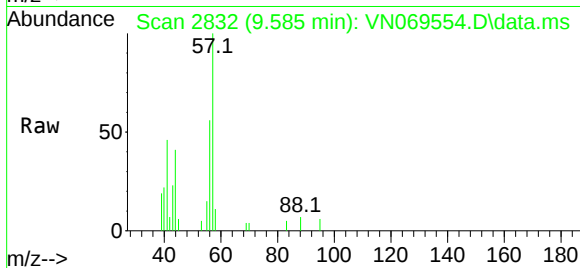
Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

Instrument :

MSVOA_N

ClientSampleId :



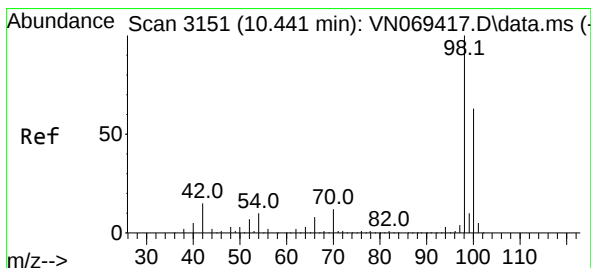
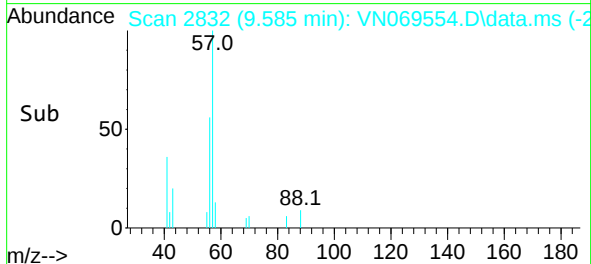
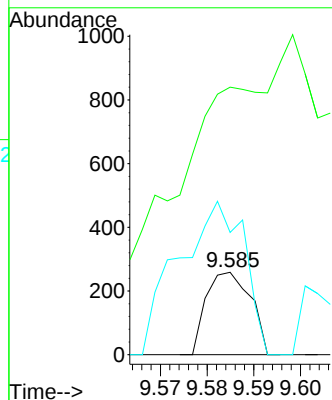
Tgt Ion: 88 Resp: 171

Ion Ratio Lower Upper

88 100

43 0.0 23.4 35.2#

58 277.8 50.6 75.8#



#50

Toluene-d8

Concen: 53.677 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.002 min

Lab File: VN069554.D

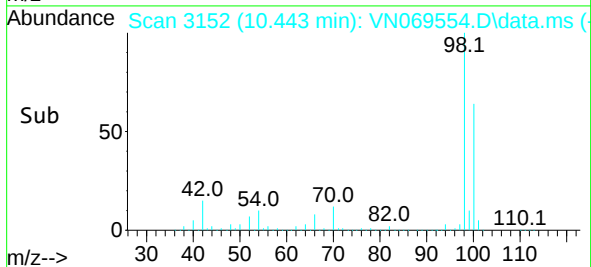
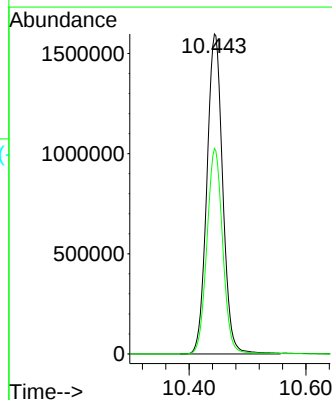
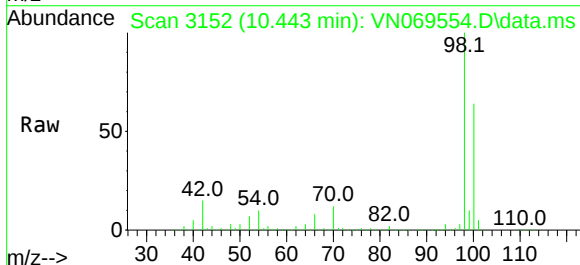
Acq: 18 Nov 2021 15:43

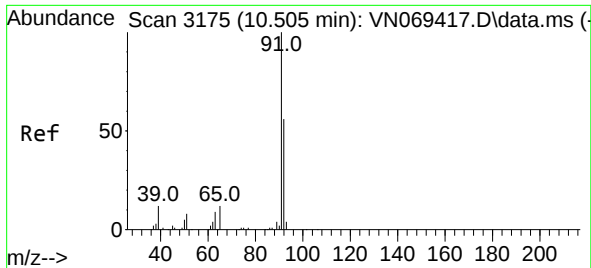
Tgt Ion: 98 Resp: 3005455

Ion Ratio Lower Upper

98 100

100 63.8 50.4 75.6

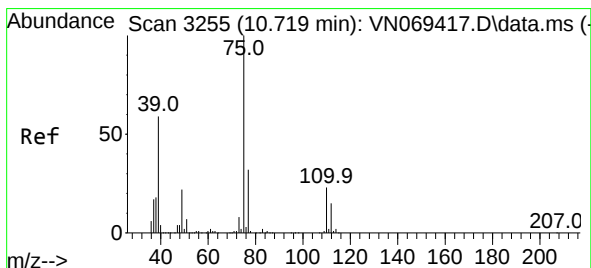
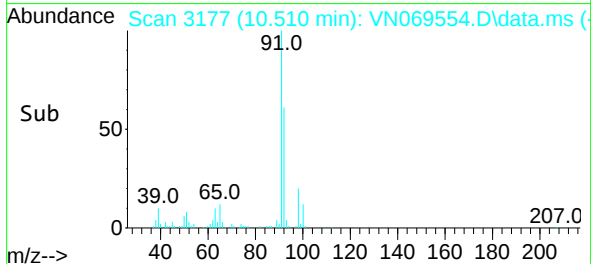
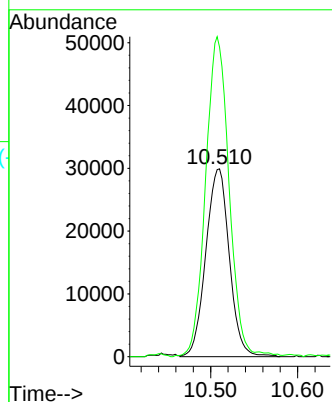
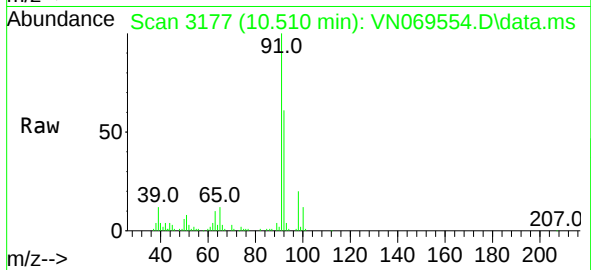




#52
Toluene
Concen: 1.463 ug/l
RT: 10.510 min Scan# 3175
Delta R.T. 0.005 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

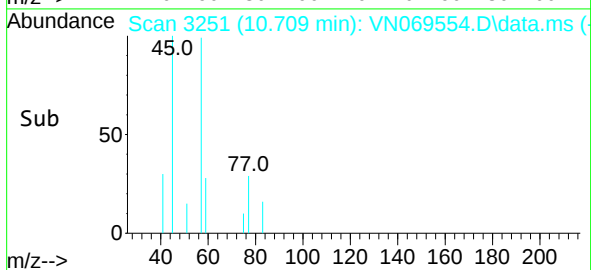
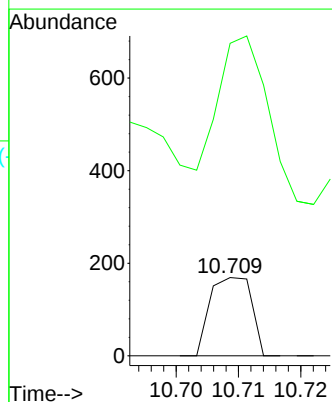
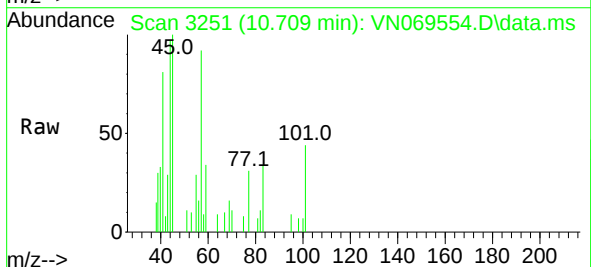
Instrument :
MSVOA_N
ClientSampleId :

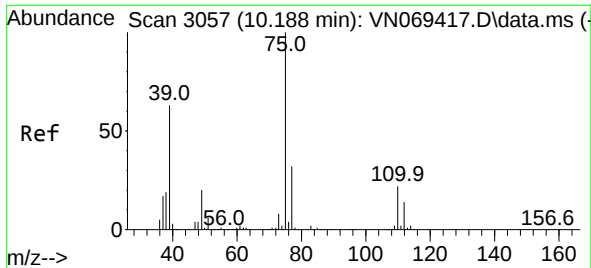
Tgt Ion: 92 Resp: 56206
Ion Ratio Lower Upper
92 100
91 168.8 142.0 213.0



#53
t-1,3-Dichloropropene
Concen: 2.640 ug/l
RT: 10.709 min Scan# 3251
Delta R.T. -0.010 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 75 Resp: 78
Ion Ratio Lower Upper
75 100
77 155.6 25.6 38.4#

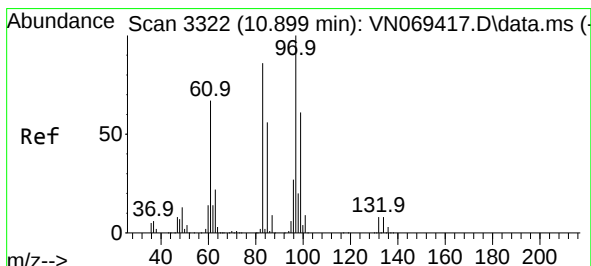
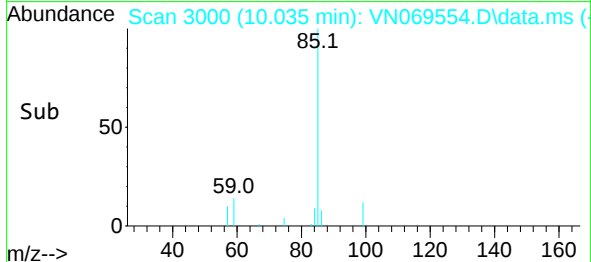
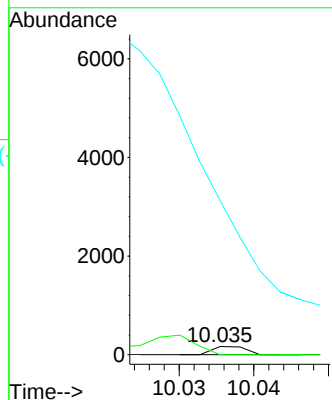
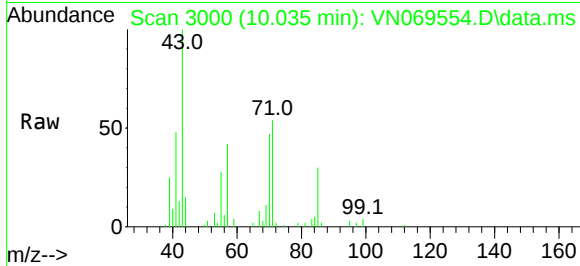




#54
 cis-1,3-Dichloropropene
 Concen: 1.735 ug/l
 RT: 10.035 min Scan# 3057
 Delta R.T. -0.153 min
 Lab File: VN069554.D
 Acq: 18 Nov 2021 15:43

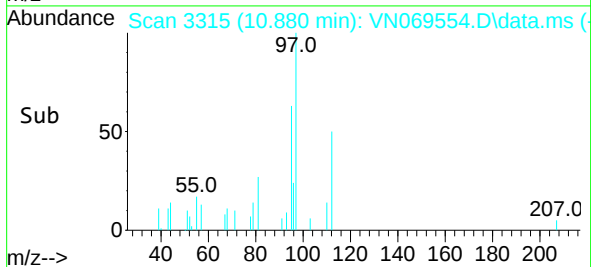
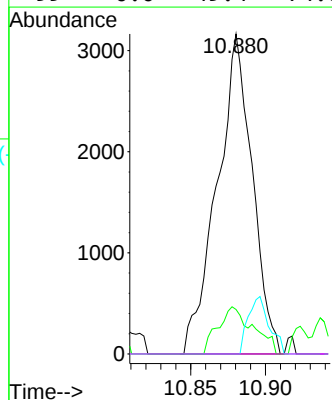
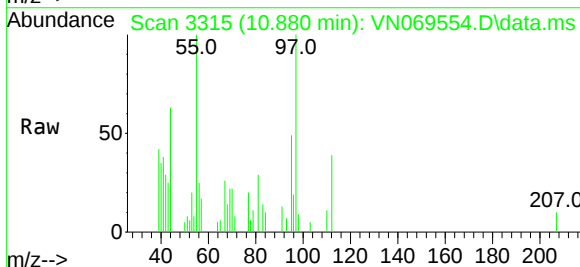
Instrument :
 MSVOA_N
 ClientSampleId :

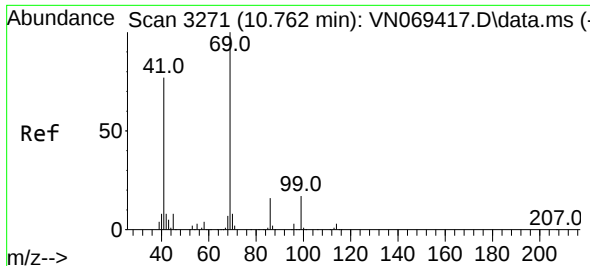
Tgt Ion: 75 Resp: 51
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.4 39.6#
 39 1132.9 42.5 63.7#



#55
 1,1,2-Trichloroethane
 Concen: 0.334 ug/l
 RT: 10.880 min Scan# 3315
 Delta R.T. -0.019 min
 Lab File: VN069554.D
 Acq: 18 Nov 2021 15:43

Tgt Ion: 97 Resp: 5166
 Ion Ratio Lower Upper
 97 100
 83 13.9 67.8 101.6#
 85 0.0 45.4 68.2#
 99 0.0 49.4 74.0#

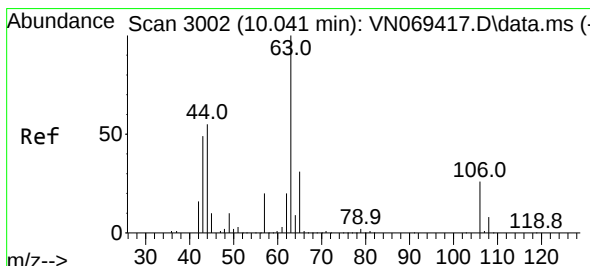
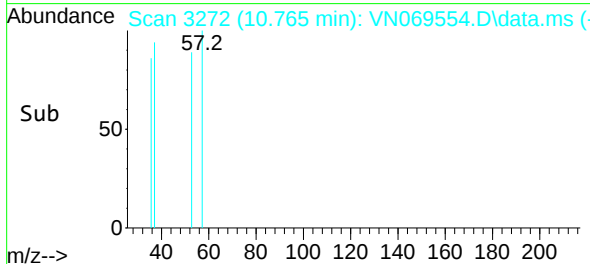
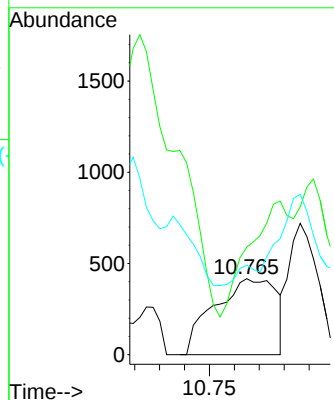
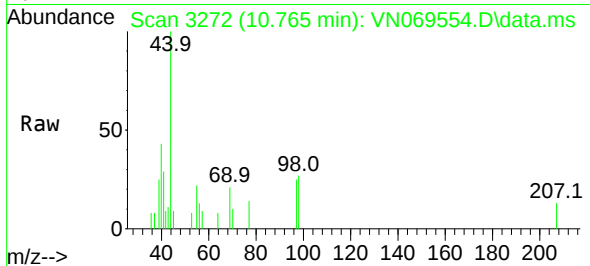




#56
Ethyl methacrylate
Concen: 2.077 ug/l
RT: 10.765 min Scan# 31
Delta R.T. 0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

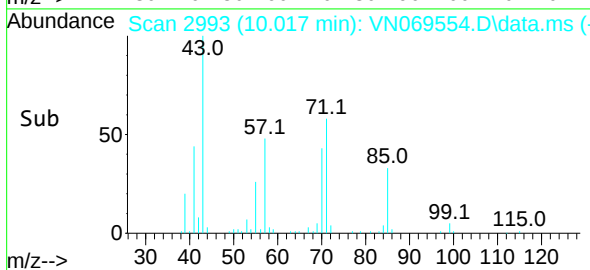
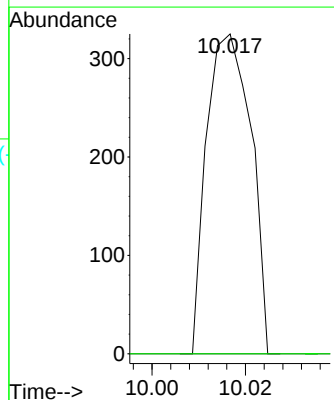
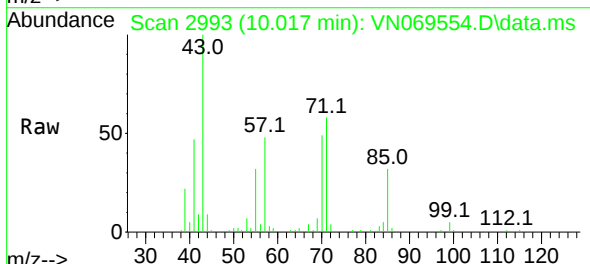
Instrument :
MSVOA_N
ClientSampleId :

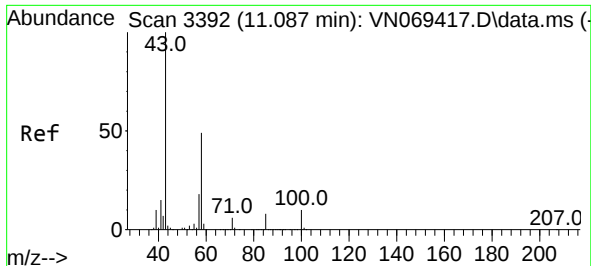
Tgt Ion: 69 Resp: 720
Ion Ratio Lower Upper
69 100
41 0.0 51.4 77.0#
39 0.0 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 22.796 ug/l
RT: 10.017 min Scan# 2993
Delta R.T. -0.024 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 63 Resp: 214
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

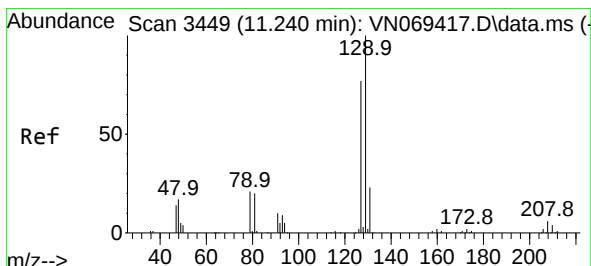
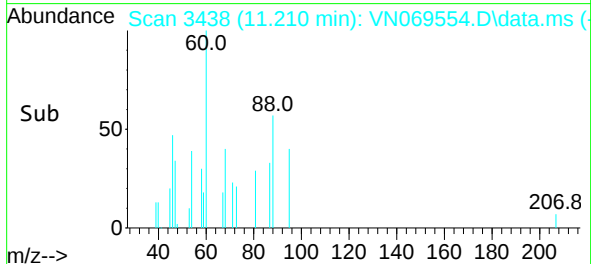
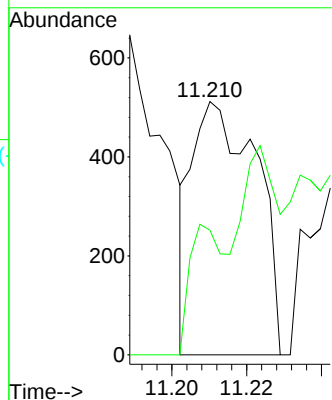
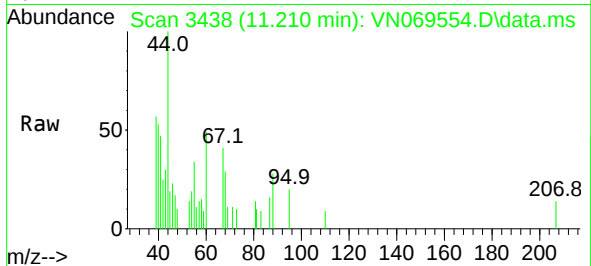




#59
2-Hexanone
Concen: 7.967 ug/l
RT: 11.210 min Scan# 34
Delta R.T. 0.123 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

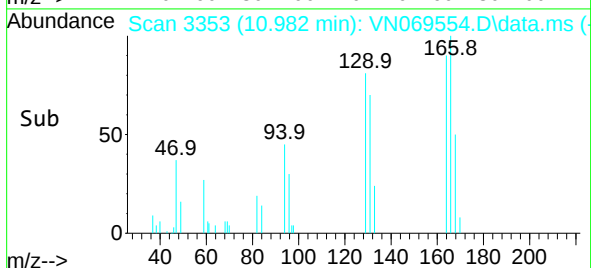
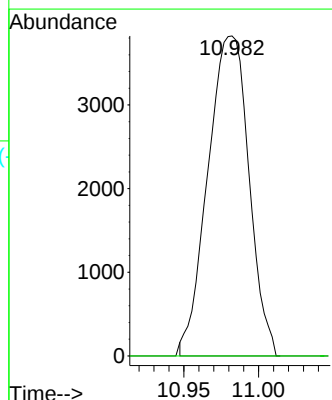
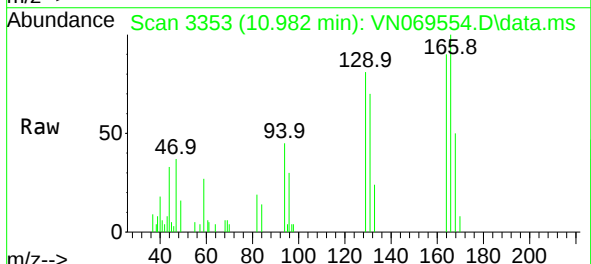
Instrument :
MSVOA_N
ClientSampleId :

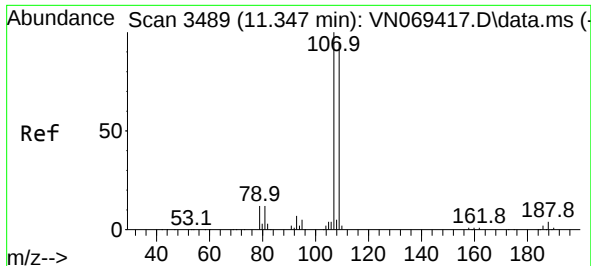
Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 29.5 26.9 80.7



#60
Dibromochloromethane
Concen: 2.827 ug/l
RT: 10.982 min Scan# 3353
Delta R.T. -0.258 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion:129 Resp: 7311
Ion Ratio Lower Upper
129 100
127 0.0 38.6 116.0#

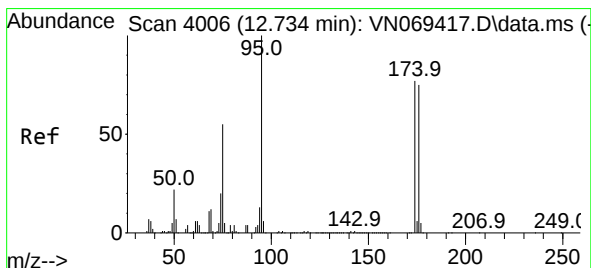
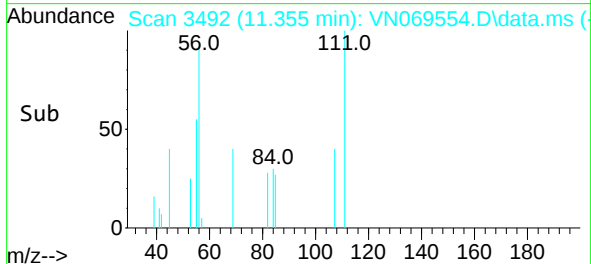
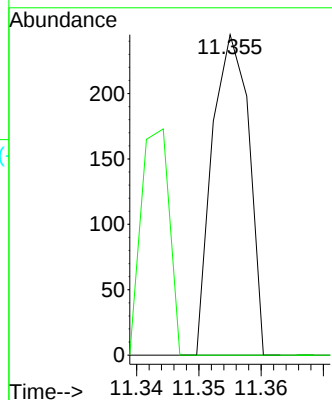
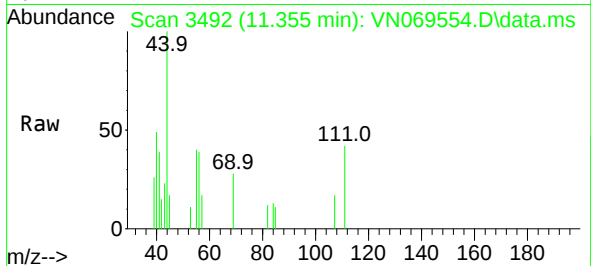




#61
1,2-Dibromoethane
Concen: 1.077 ug/l
RT: 11.355 min Scan# 3489
Delta R.T. 0.008 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

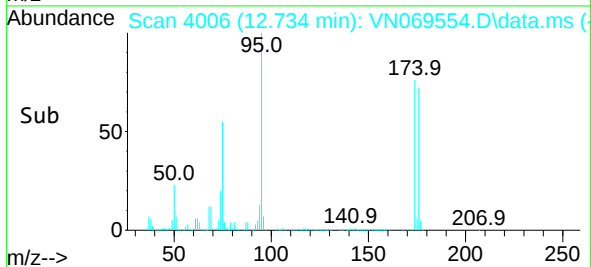
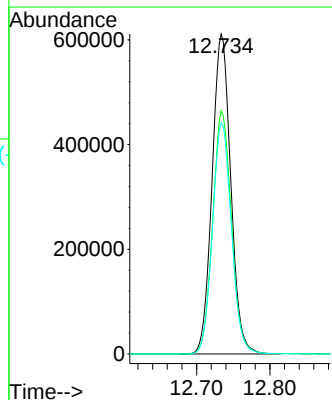
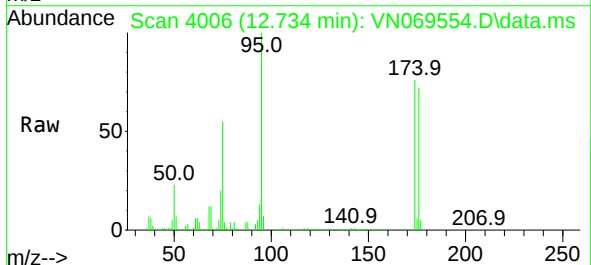
Instrument :
MSVOA_N
ClientSampleId :

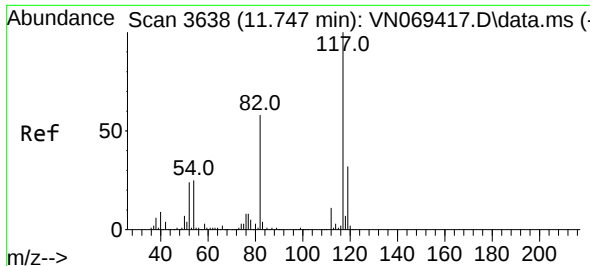
Tgt Ion:107 Resp: 100
Ion Ratio Lower Upper
107 100
109 54.0 75.7 113.5#



#62
4-Bromofluorobenzene
Concen: 52.569 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.000 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 95 Resp: 1081303
Ion Ratio Lower Upper
95 100
174 76.5 0.0 187.2
176 73.4 0.0 181.4

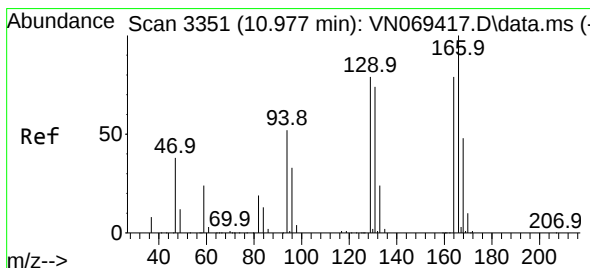
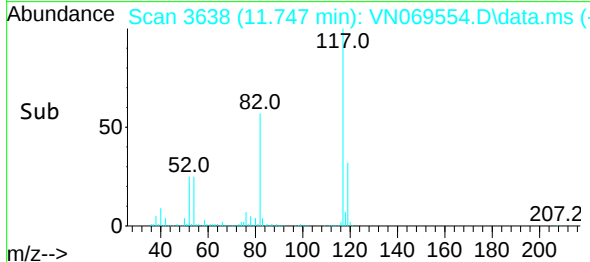
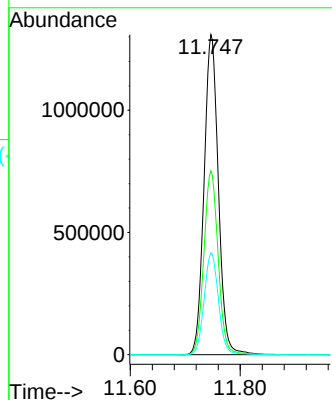
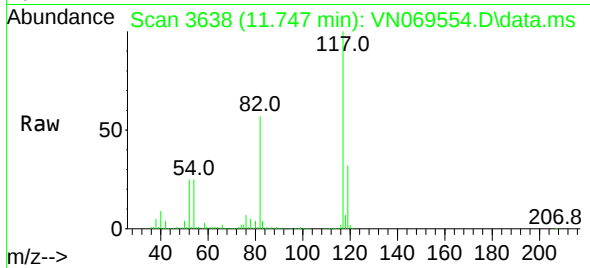




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

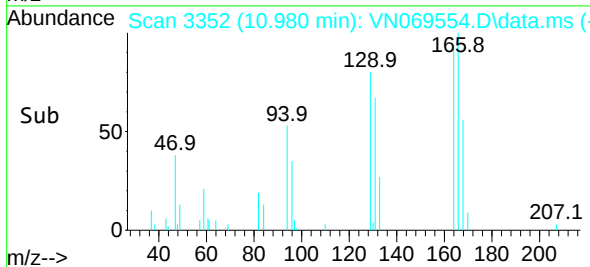
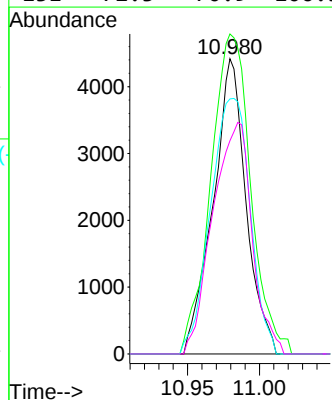
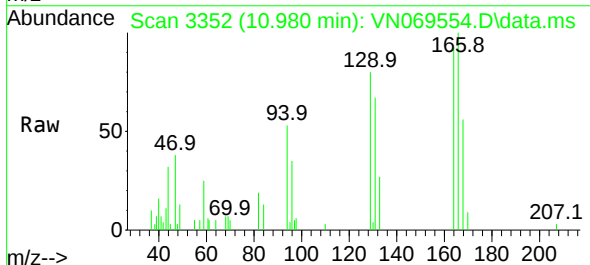
Instrument :
MSVOA_N
ClientSampleId :

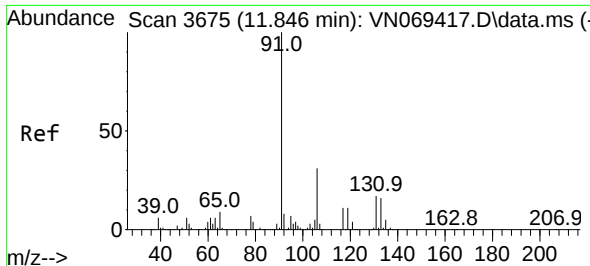
Tgt Ion:117 Resp: 2365360
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.494 ug/l
RT: 10.980 min Scan# 3352
Delta R.T. 0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion:164 Resp: 7049
Ion Ratio Lower Upper
164 100
166 108.4 101.9 152.9
129 86.4 72.0 108.0
131 72.3 70.9 106.3





#67

Ethyl Benzene

Concen: 20.966 ug/l

RT: 11.848 min Scan# 30

Delta R.T. 0.002 min

Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

Instrument :

MSVOA_N

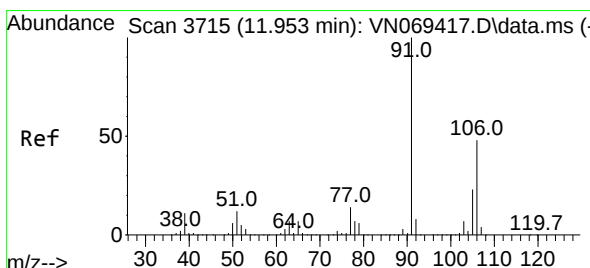
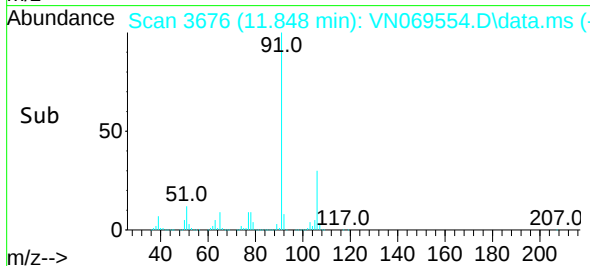
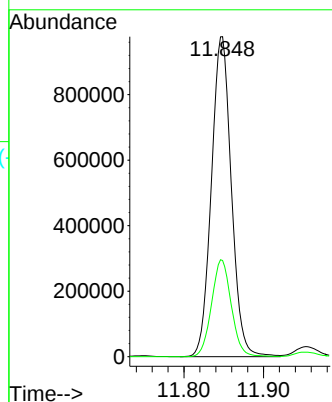
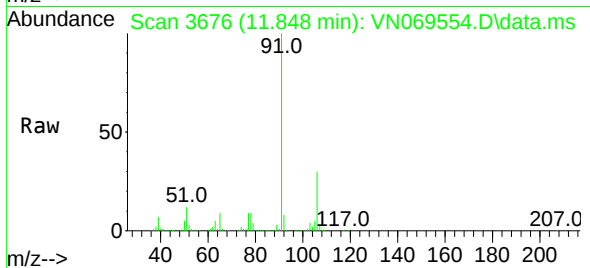
ClientSampleId :

Tgt Ion: 91 Resp: 1702497

Ion Ratio Lower Upper

91 100

106 30.1 25.7 38.5



#68

m/p-Xylenes

Concen: 0.939 ug/l

RT: 11.950 min Scan# 3714

Delta R.T. -0.003 min

Lab File: VN069554.D

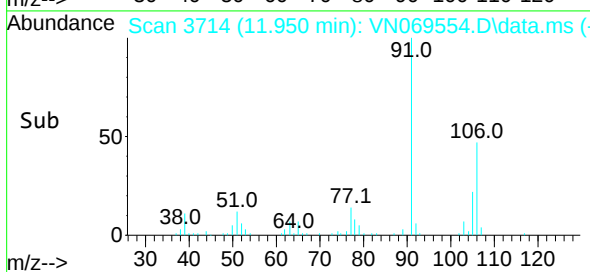
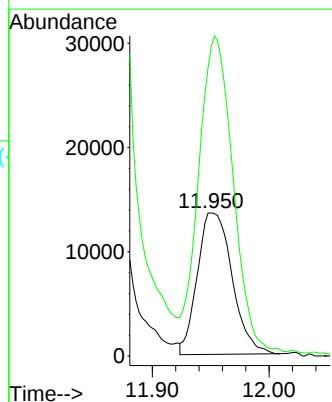
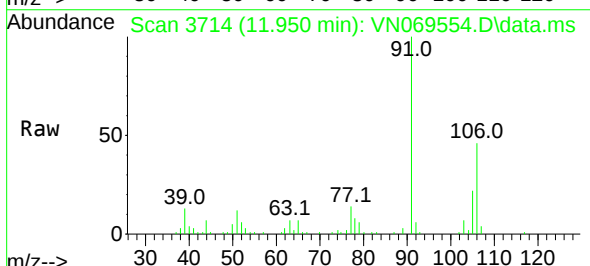
Acq: 18 Nov 2021 15:43

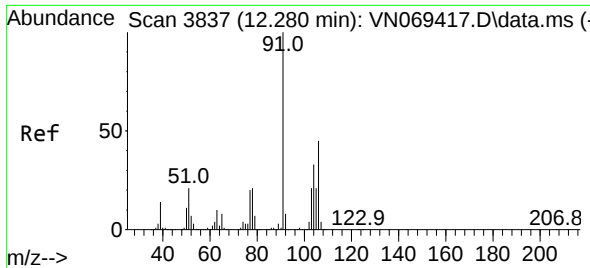
Tgt Ion: 106 Resp: 28043

Ion Ratio Lower Upper

106 100

91 222.9 160.6 240.8

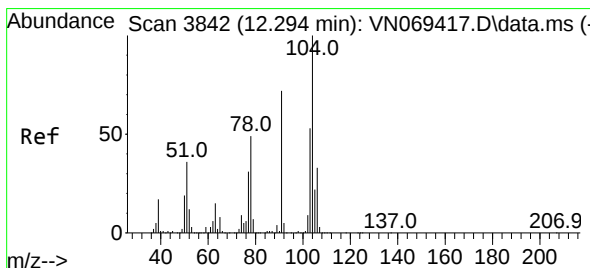
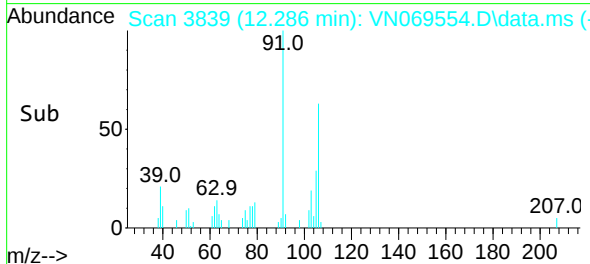
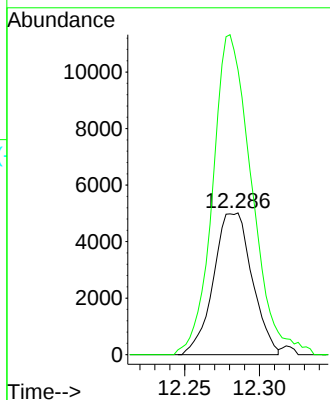
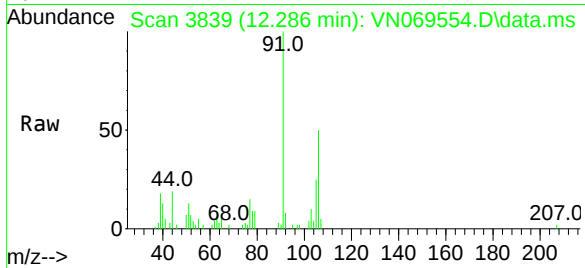




#69
o-Xylene
Concen: 0.302 ug/l
RT: 12.286 min Scan# 3839
Delta R.T. 0.006 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

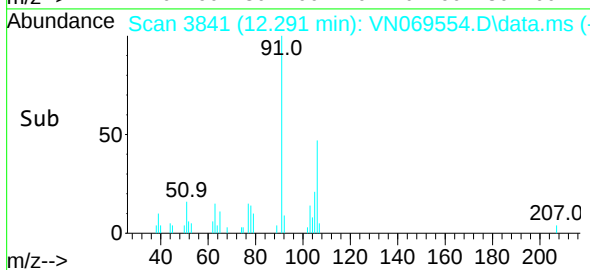
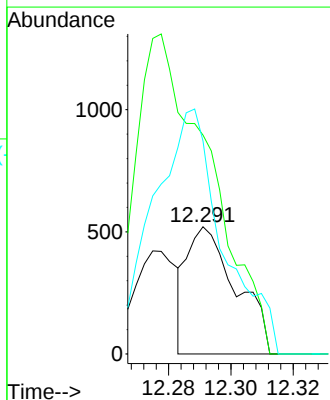
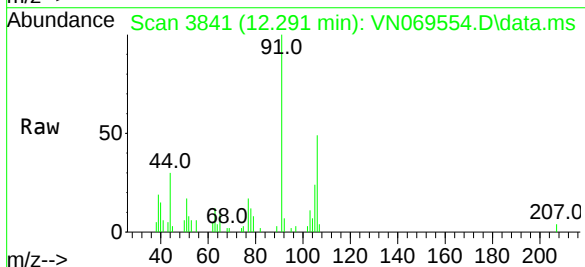
Instrument :
MSVOA_N
ClientSampleId :

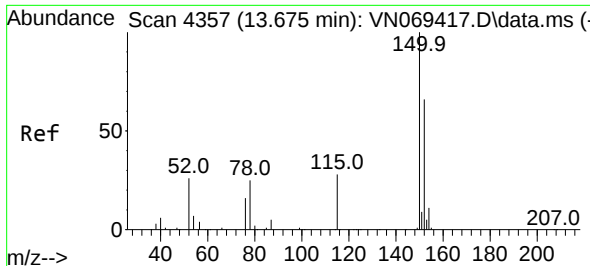
Tgt Ion:106 Resp: 8994
Ion Ratio Lower Upper
106 100
91 228.2 105.8 317.3



#70
Styrene
Concen: 1.531 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion:104 Resp: 566
Ion Ratio Lower Upper
104 100
78 0.0 38.7 58.1#
103 272.6 45.0 67.6#

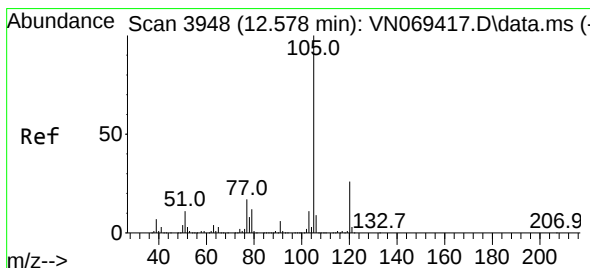
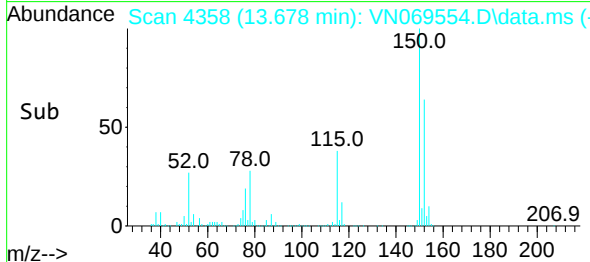
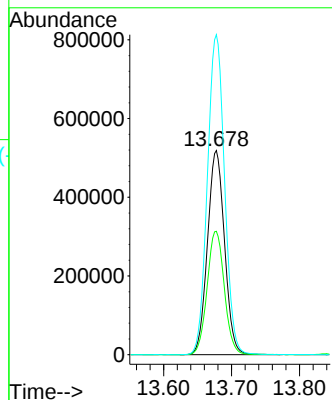
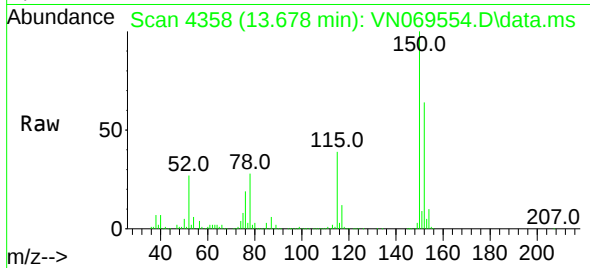




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 41
Delta R.T. 0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

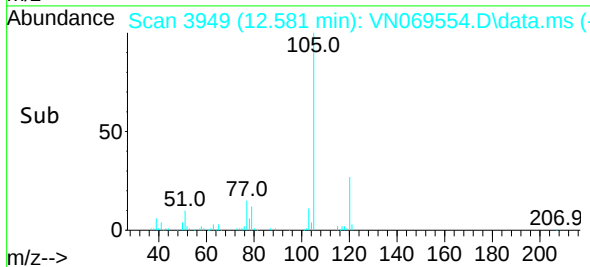
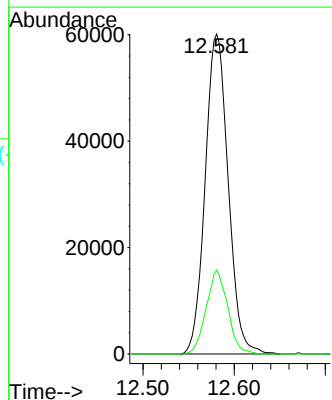
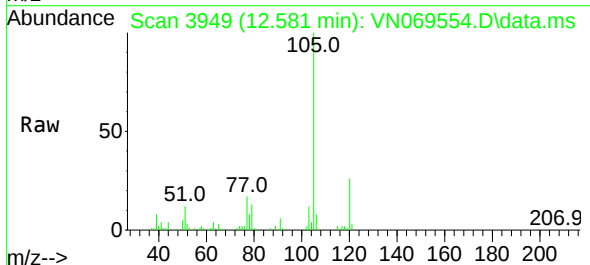
Instrument :
MSVOA_N
ClientSampleId :

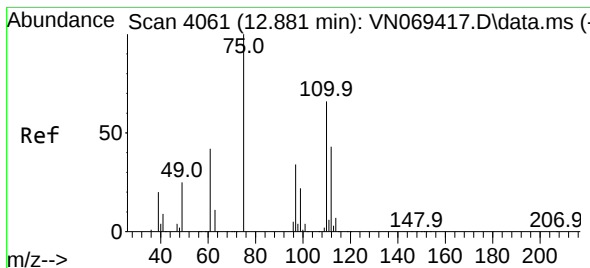
Tgt Ion:152 Resp: 905886
Ion Ratio Lower Upper
152 100
115 60.9 27.5 82.5
150 157.7 0.0 344.4



#73
Isopropylbenzene
Concen: 1.461 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.003 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion:105 Resp: 105371
Ion Ratio Lower Upper
105 100
120 24.5 13.4 40.1





#76

1,2,3-Trichloropropane

Concen: 28.949 ug/l

RT: 12.734 min Scan# 4006

Delta R.T. -0.147 min

Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

Instrument :

MSVOA_N

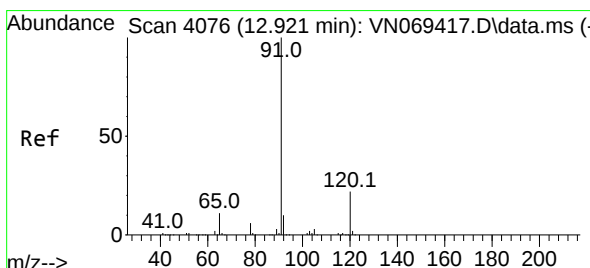
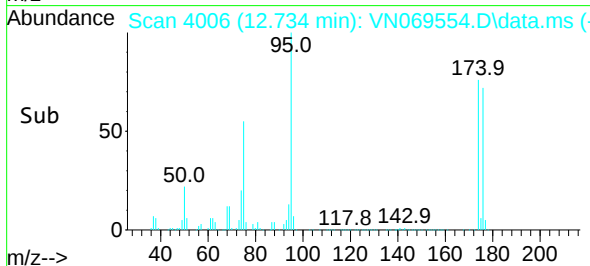
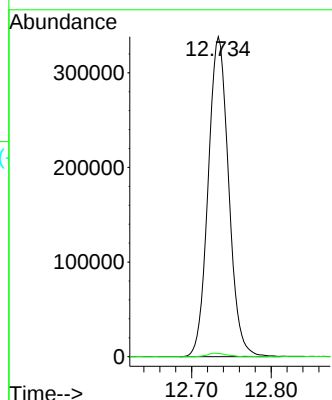
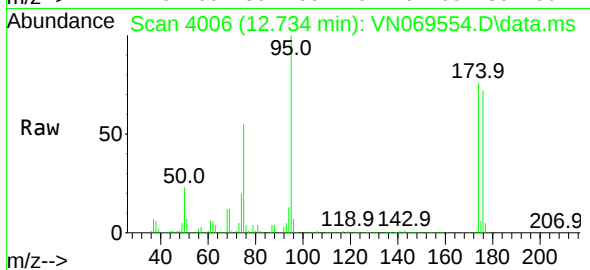
ClientSampleId :

Tgt Ion: 75 Resp: 605203

Ion Ratio Lower Upper

75 100

77 1.0 82.6 247.8#



#78

n-propylbenzene

Concen: 3.192 ug/l

RT: 12.921 min Scan# 4076

Delta R.T. 0.000 min

Lab File: VN069554.D

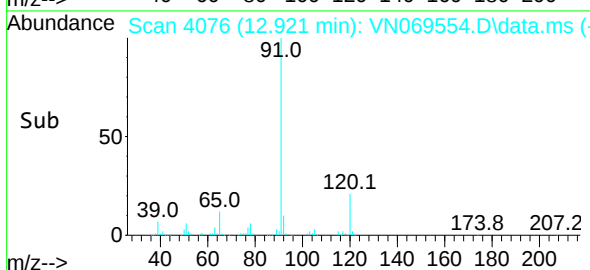
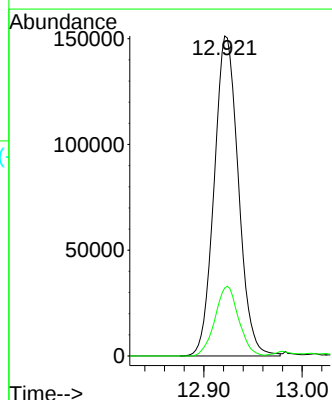
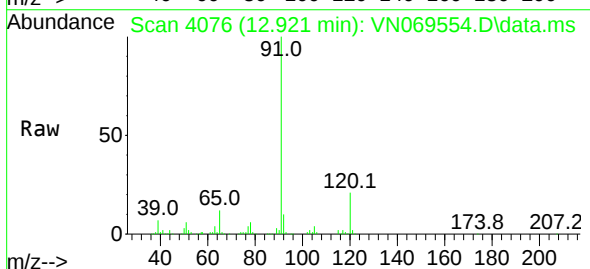
Acq: 18 Nov 2021 15:43

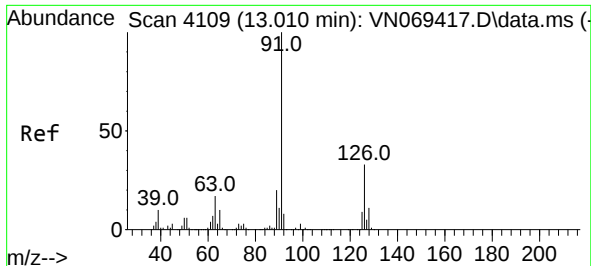
Tgt Ion: 91 Resp: 259078

Ion Ratio Lower Upper

91 100

120 21.3 11.9 35.9

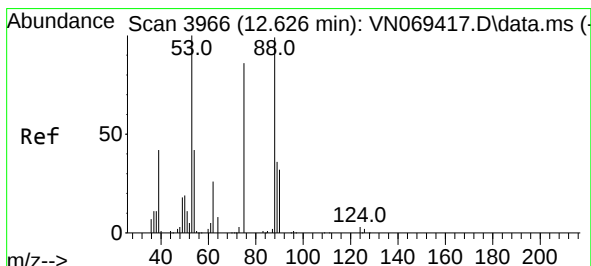
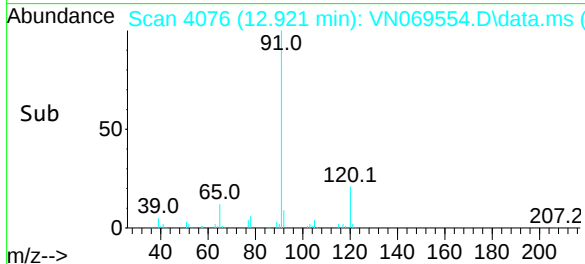
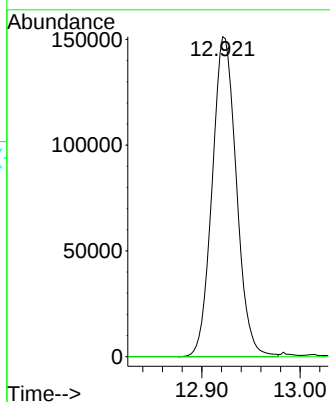
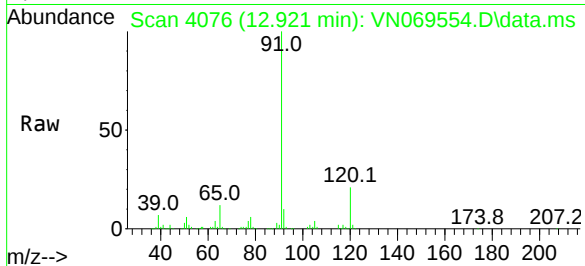




#79
2-Chlorotoluene
Concen: 5.156 ug/l
RT: 12.921 min Scan# 4006
Delta R.T. -0.089 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

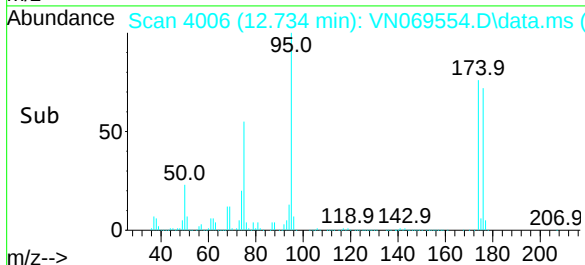
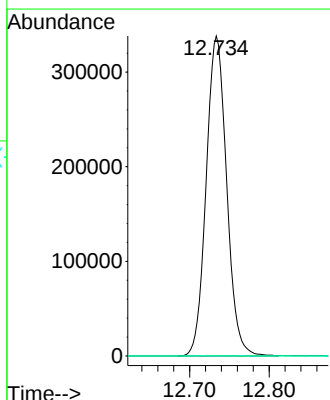
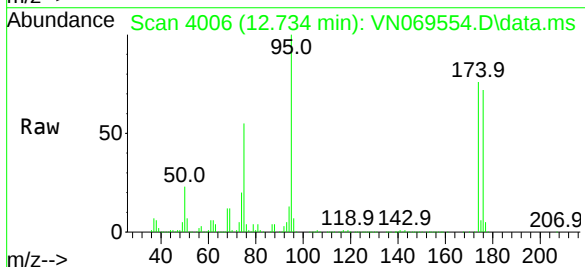
Instrument :
MSVOA_N
ClientSampleId :

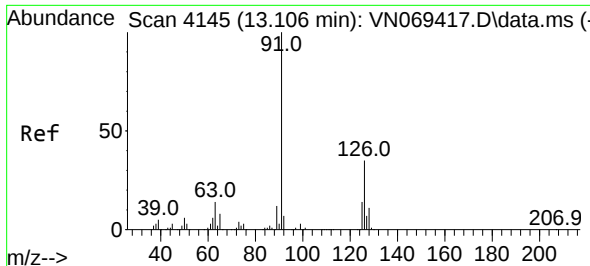
Tgt Ion: 91 Resp: 259078
Ion Ratio Lower Upper
91 100
126 0.0 18.3 54.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.985 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.108 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 75 Resp: 605203
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

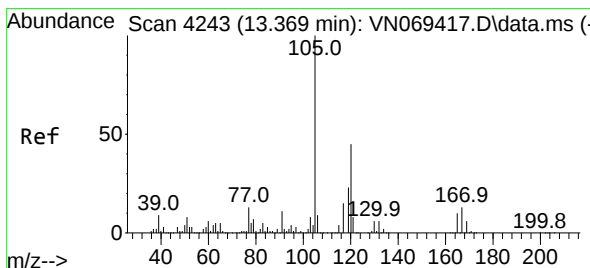
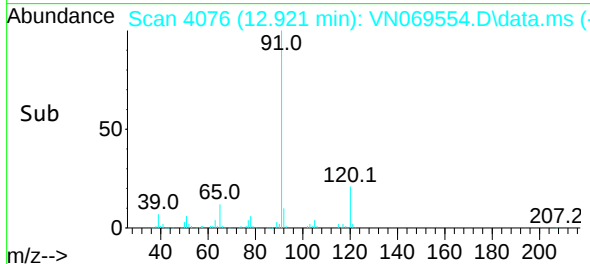
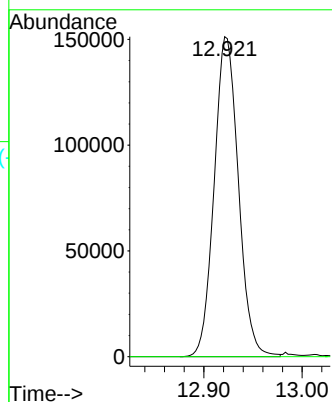
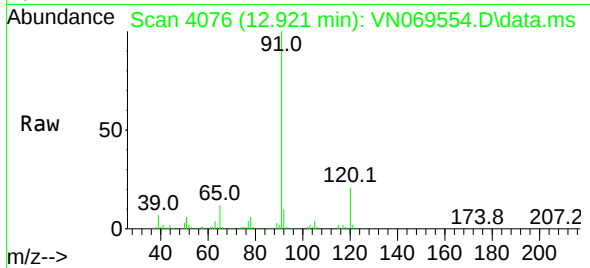




#82
4-Chlorotoluene
Concen: 5.408 ug/l
RT: 12.921 min Scan# 40
Delta R.T. -0.185 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

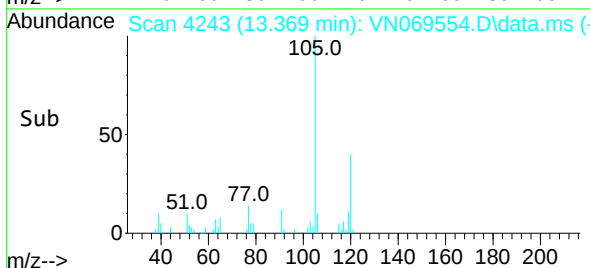
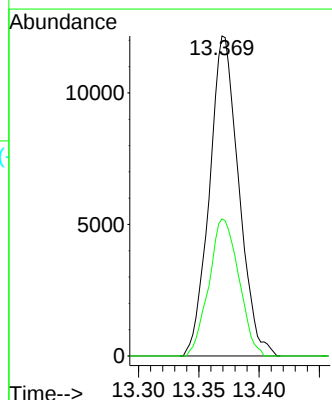
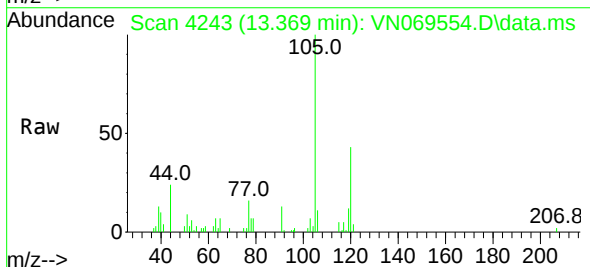
Instrument :
MSVOA_N
ClientSampleId :

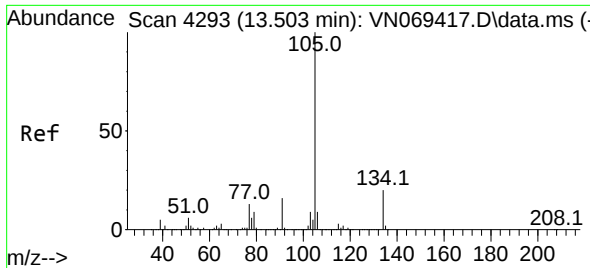
Tgt Ion: 91 Resp: 259078
Ion Ratio Lower Upper
91 100
126 0.0 18.2 54.6#



#84
1,2,4-Trimethylbenzene
Concen: 0.365 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 105 Resp: 20539
Ion Ratio Lower Upper
105 100
120 43.6 22.8 68.4

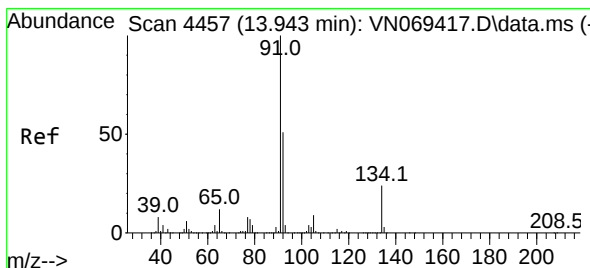
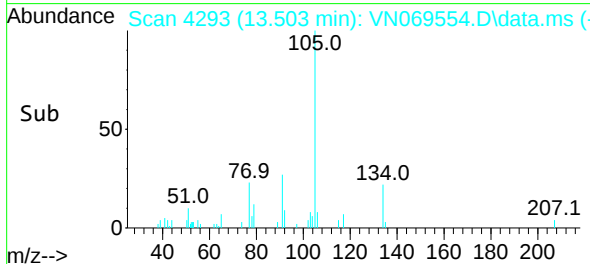
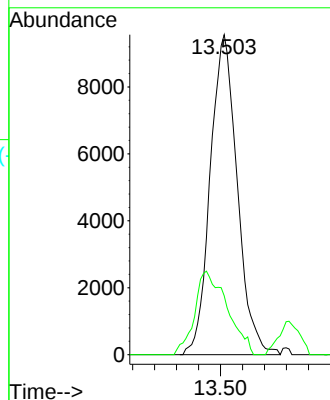
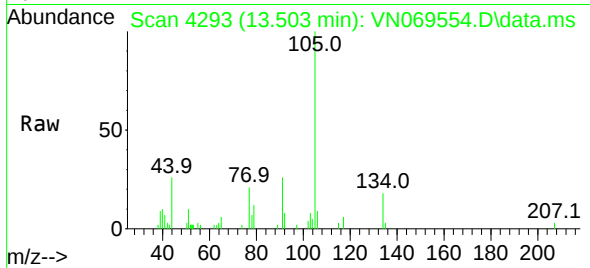




#85
 sec-Butylbenzene
 Concen: 0.228 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069554.D
 Acq: 18 Nov 2021 15:43

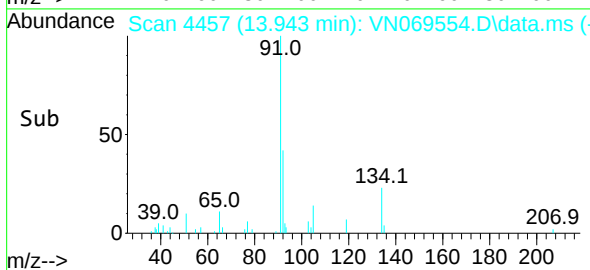
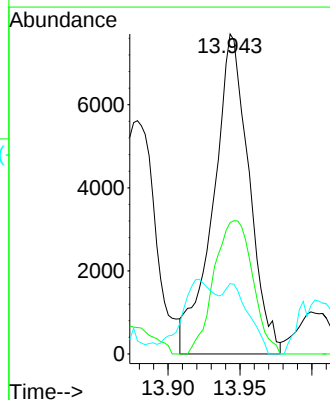
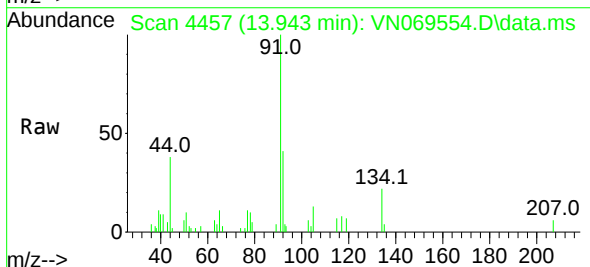
Instrument :
 MSVOA_N
 ClientSampleId :

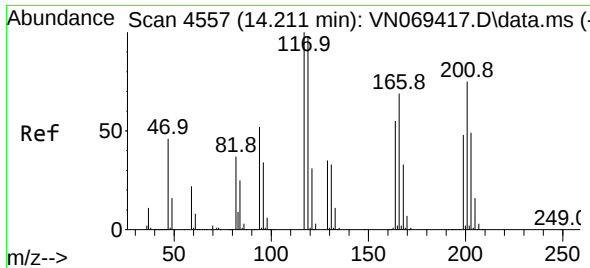
Tgt Ion:105 Resp: 16304
 Ion Ratio Lower Upper
 105 100
 134 31.5 10.4 31.1#



#89
 n-Butylbenzene
 Concen: 0.281 ug/l
 RT: 13.943 min Scan# 4457
 Delta R.T. 0.000 min
 Lab File: VN069554.D
 Acq: 18 Nov 2021 15:43

Tgt Ion: 91 Resp: 13282
 Ion Ratio Lower Upper
 91 100
 92 45.2 25.4 76.0
 134 0.0 13.6 40.8#

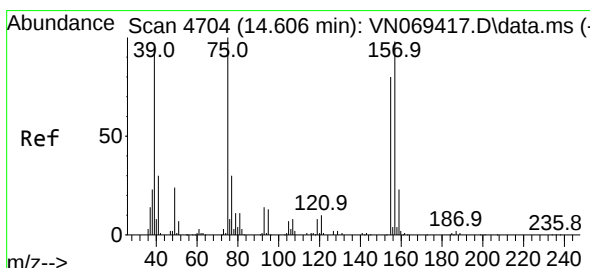
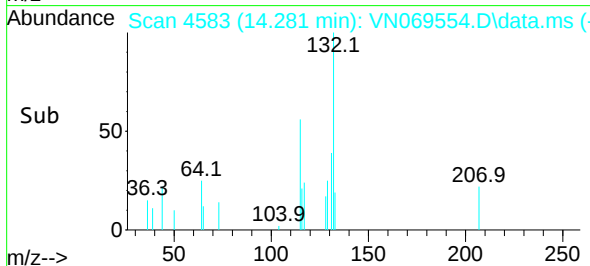
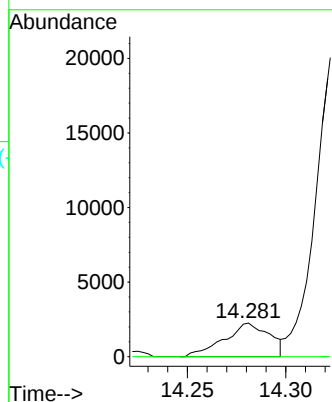
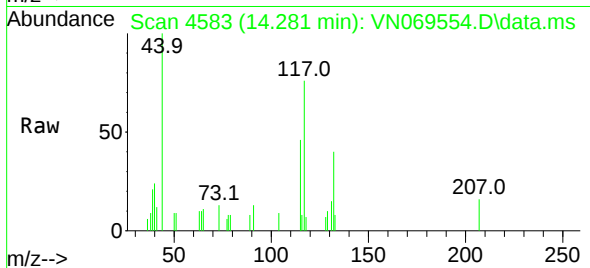




#90
Hexachloroethane
Concen: 2.494 ug/l
RT: 14.281 min Scan# 4583
Delta R.T. 0.070 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

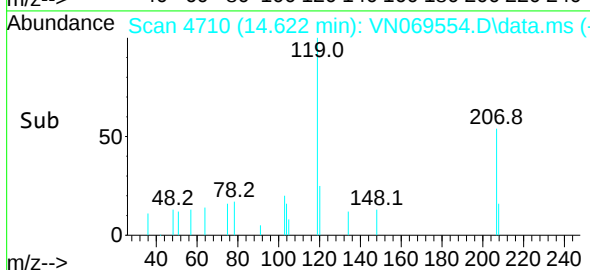
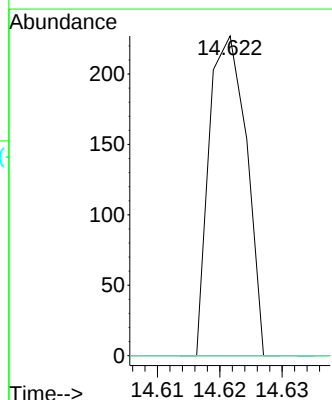
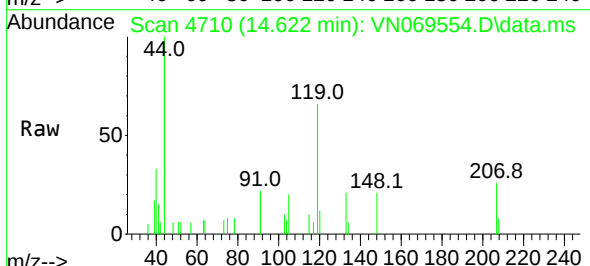
Instrument :
MSVOA_N
ClientSampleId :

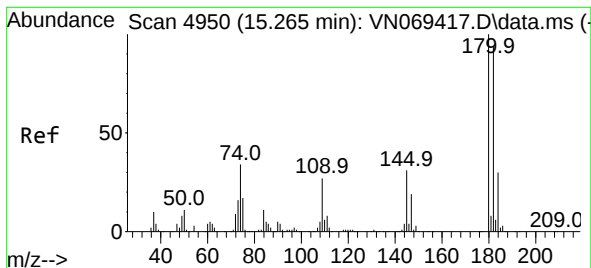
Tgt Ion:117 Resp: 3619
Ion Ratio Lower Upper
117 100
201 0.0 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.817 ug/l
RT: 14.622 min Scan# 4710
Delta R.T. 0.016 min
Lab File: VN069554.D
Acq: 18 Nov 2021 15:43

Tgt Ion: 75 Resp: 94
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 0.0 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 3.152 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

Instrument :

MSVOA_N

ClientSampleId :

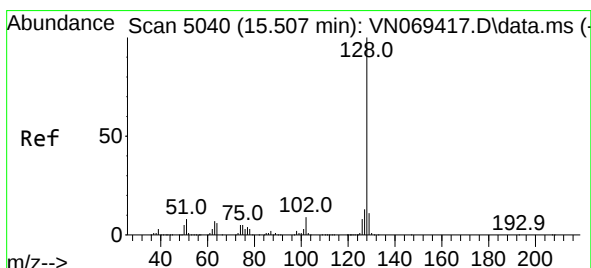
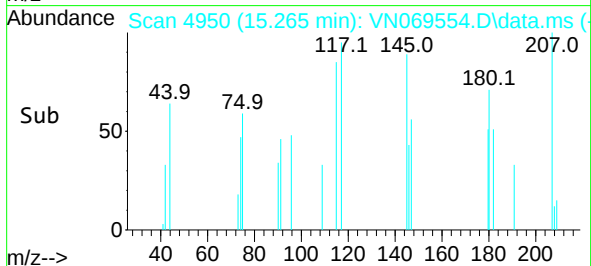
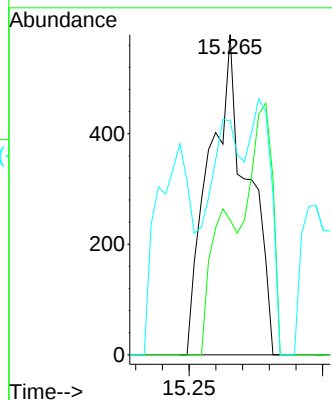
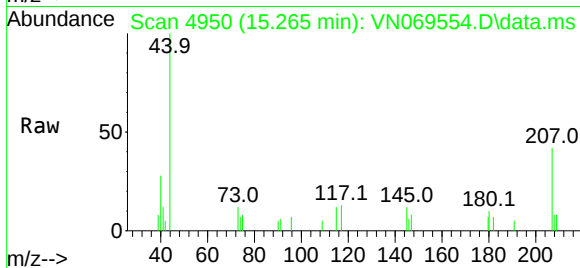
Tgt Ion:180 Resp: 581

Ion Ratio Lower Upper

180 100

182 31.3 48.3 144.9#

145 44.4 14.5 43.5#



#95

Naphthalene

Concen: 4.606 ug/l

RT: 15.509 min Scan# 5041

Delta R.T. 0.002 min

Lab File: VN069554.D

Acq: 18 Nov 2021 15:43

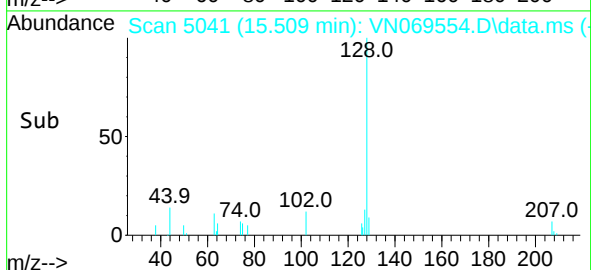
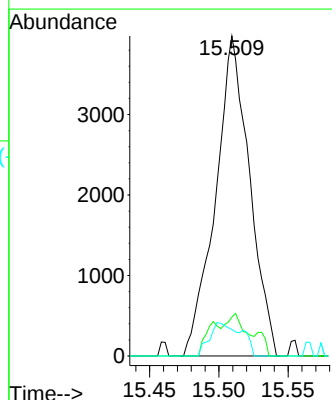
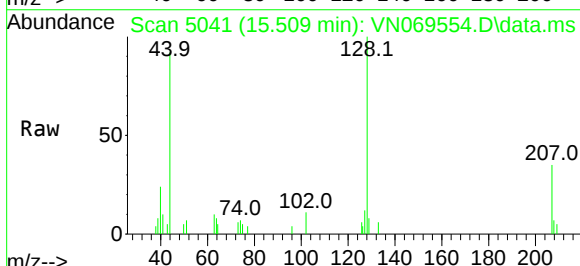
Tgt Ion:128 Resp: 6822

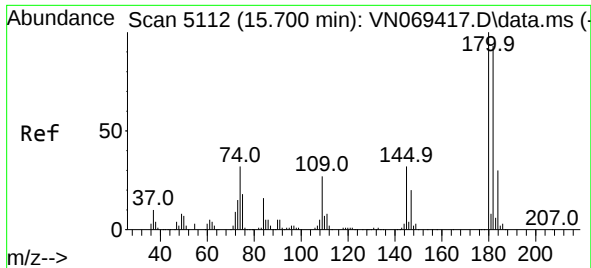
Ion Ratio Lower Upper

128 100

127 4.1 10.5 15.7#

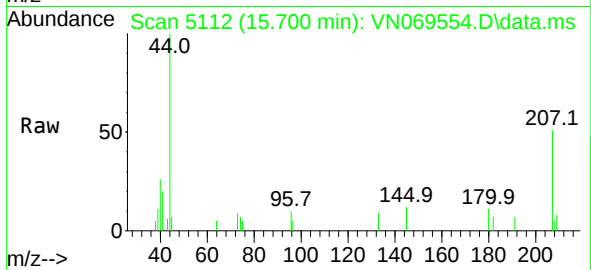
129 0.0 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.187 ug/l
 RT: 15.700 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN069554.D
 Acq: 18 Nov 2021 15:43

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 259
 Ion Ratio Lower Upper
 180 100
 182 127.4 47.4 142.2
 145 142.1 15.0 45.1#

