

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121821\
 Data File : VN070216.D
 Acq On : 18 Dec 2021 16:27
 Operator : JC/MD
 Sample : M5044-07 10X
 Misc : 5.52g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Dec 19 08:47:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1133333	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2185072	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2659724	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1321755	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	903593	51.638	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.280%	
35) Dibromofluoromethane	8.021	113	621734	45.426	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 90.860%	
50) Toluene-d8	10.440	98	2950404	53.686	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.380%	
62) 4-Bromofluorobenzene	12.731	95	1470983	73.882	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 147.760%#	

Target Compounds				Qvalue		
11) Tert butyl alcohol	5.318	59	8930	2.700	ug/l #	71
13) Acrolein	4.036	56	1042	0.370	ug/l #	83
16) Acetone	4.299	43	8131	0.772	ug/l	90
25) 2-Butanone	7.332	43	3454	0.242	ug/l #	65
30) Chloroform	7.772	83	12833	0.516	ug/l #	18
31) Cyclohexane	8.078	56	74072	3.042	ug/l #	62
36) 1,1-Dichloropropene	8.083	75	96604	4.644	ug/l #	49
38) Carbon Tetrachloride	8.086	117	115004	5.638	ug/l #	16
39) Methylcyclohexane	9.459	83	118202	4.777	ug/l #	71
43) Isopropyl Acetate	8.552	43	17580	0.384	ug/l #	55
47) Bromodichloromethane	9.746	83	47852	2.257	ug/l #	26
48) Methyl methacrylate	9.593	41	27650	1.293	ug/l #	24
49) 1,4-Dioxane	9.579	88	90	0.235	ug/l #	1
51) 4-Methyl-2-Pentanone	10.368	43	95790	3.223	ug/l #	73
53) t-1,3-Dichloropropene	10.722	75	336	2.807	ug/l #	1
54) cis-1,3-Dichloropropene	10.194	75	117	2.003	ug/l #	1
55) 1,1,2-Trichloroethane	10.878	97	112950	7.212	ug/l #	26
56) Ethyl methacrylate	10.805	69	37020	3.475	ug/l #	1
58) 2-Chloroethyl Vinyl ether	10.025	63	3405	18.784	ug/l #	46
59) 2-Hexanone	11.052	43	121498	5.404	ug/l #	30
60) Dibromochloromethane	11.264	129	388	2.398	ug/l	93
67) Ethyl Benzene	11.843	91	1103226	11.256	ug/l	95
68) m/p-Xylenes	11.958	106	21340	0.598	ug/l	74
70) Styrene	12.578	104	30402	0.533	ug/l #	1
71) Bromoform	12.481	173	400	2.754	ug/l #	29
73) Isopropylbenzene	12.578	105	1241245	10.555	ug/l	100
74) N-amyl acetate	12.369	43	152675	2.936	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.811	83	18145	0.446	ug/l #	49
76) 1,2,3-Trichloropropane	12.731	75	786488	20.749	ug/l #	1
77) Bromobenzene	12.967	156	125904	4.558	ug/l #	1
78) n-propylbenzene	12.919	91	1135672	8.678	ug/l	96
79) 2-Chlorotoluene	12.919	91	1135672	13.734	ug/l #	38
80) 1,3,5-Trimethylbenzene	13.058	105	202206	2.136	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.731	75	786488	66.454	ug/l #	5
82) 4-Chlorotoluene	13.219	91	57084	0.734	ug/l #	39
83) tert-Butylbenzene	13.323	119	18023	0.215	ug/l	77

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

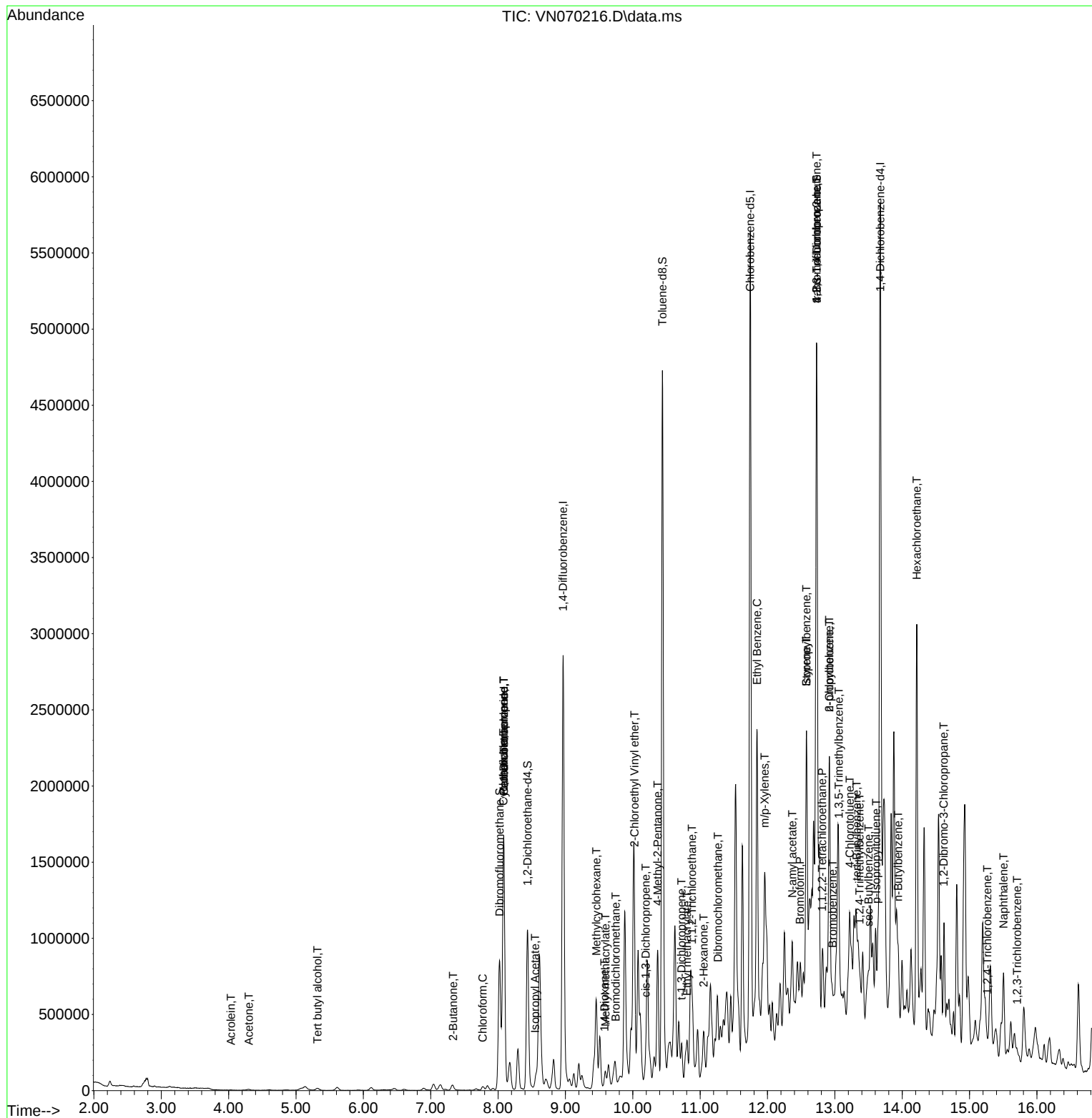
84) 1,2,4-Trimethylbenzene	13.366	105	31740	0.352	ug/l	99
85) sec-Butylbenzene	13.501	105	146657	1.290	ug/l #	63
86) p-Isopropyltoluene	13.613	119	66479	0.748	ug/l	94
89) n-Butylbenzene	13.940	91	318572	4.419	ug/l #	77
90) Hexachloroethane	14.217	117	131963	8.458	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.616	75	1764	0.240	ug/l #	19
93) 1,2,4-Trichlorobenzene	15.265	180	1399	2.939	ug/l #	64
95) Naphthalene	15.504	128	486389	10.915	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	876	2.475	ug/l #	1

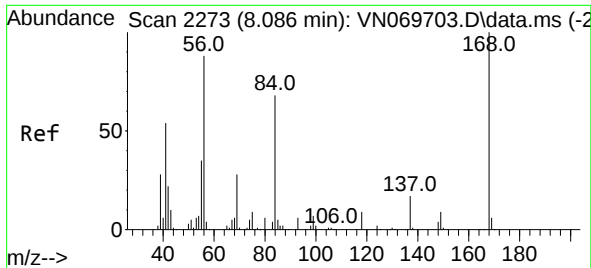
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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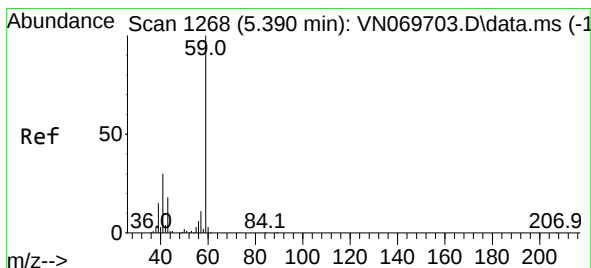
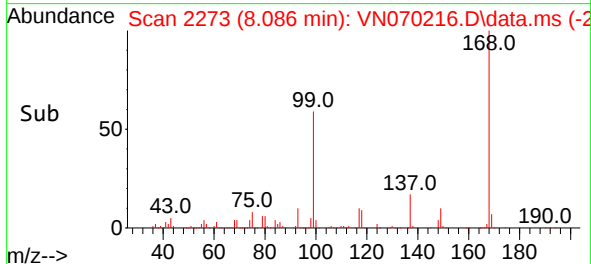
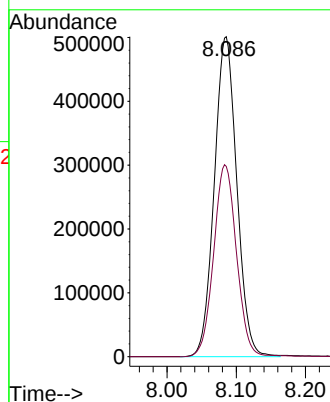
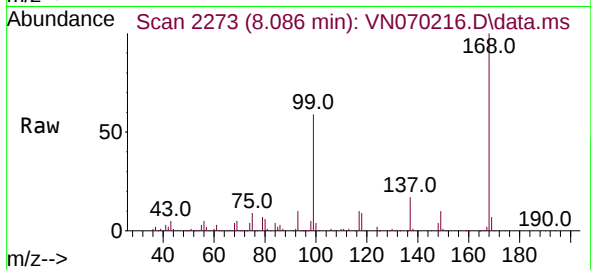




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

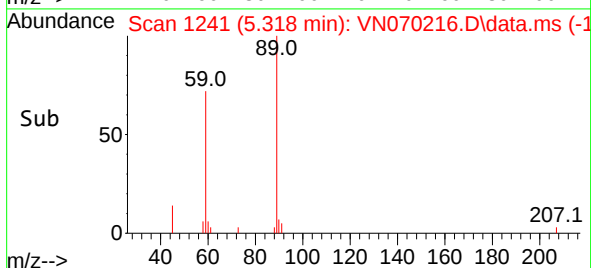
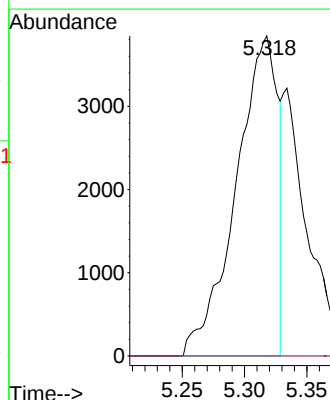
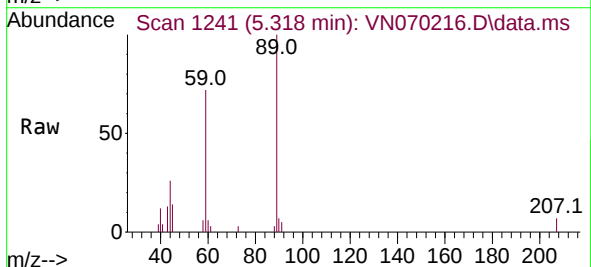
Instrument :
MSVOA_N
ClientSampleId :

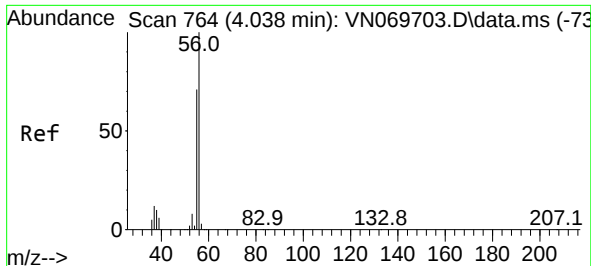
Tgt Ion:168 Resp: 1133333
Ion Ratio Lower Upper
168 100
99 59.5 41.3 61.9



#11
Tert butyl alcohol
Concen: 2.700 ug/l
RT: 5.318 min Scan# 1241
Delta R.T. -0.072 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 59 Resp: 8930
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

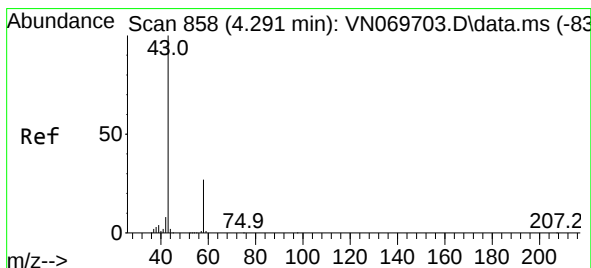
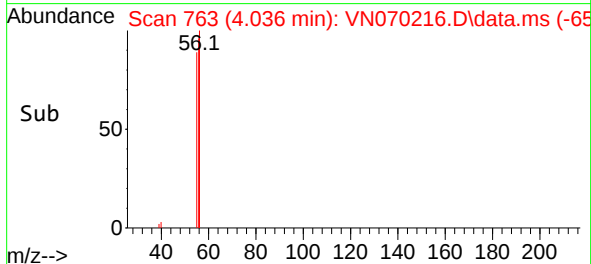
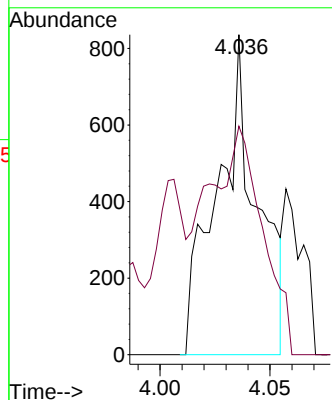
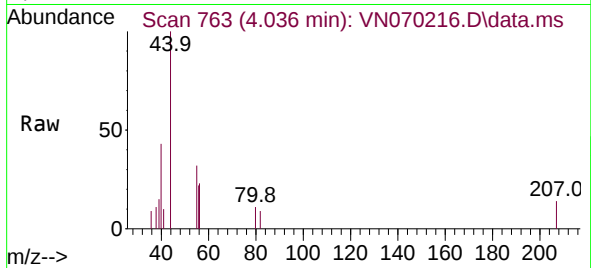




#13
Acrolein
Concen: 0.370 ug/l
RT: 4.036 min Scan# 763
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

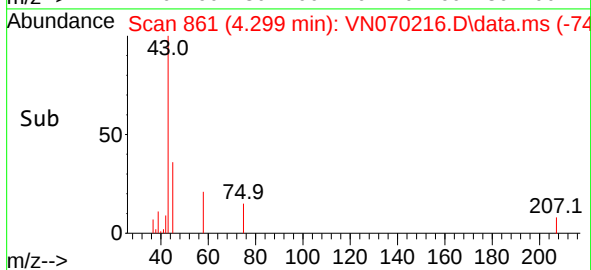
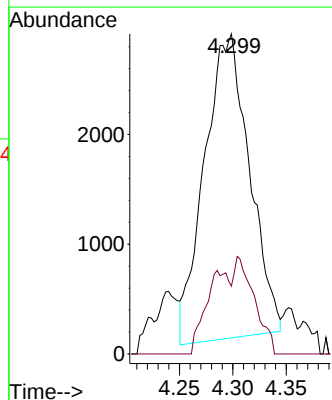
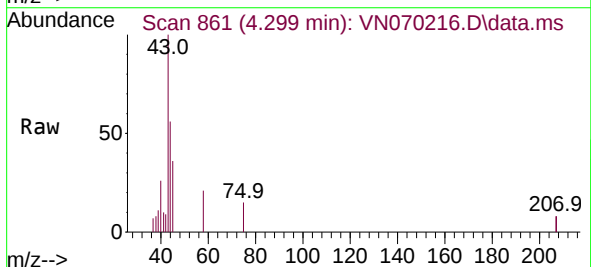
Instrument :
MSVOA_N
ClientSampleId :

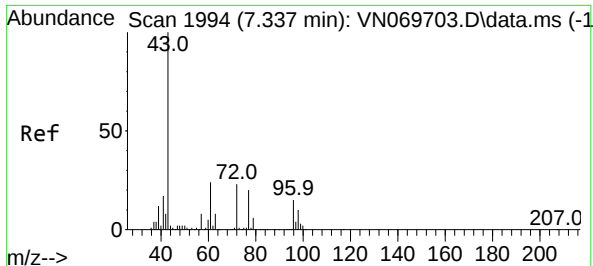
Tgt Ion: 56 Resp: 1042
Ion Ratio Lower Upper
56 100
55 56.6 56.6 85.0#



#16
Acetone
Concen: 0.772 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.008 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 43 Resp: 8131
Ion Ratio Lower Upper
43 100
58 23.8 23.1 34.7





#25

2-Butanone

Concen: 0.242 ug/l

RT: 7.332 min Scan# 1994

Delta R.T. -0.005 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

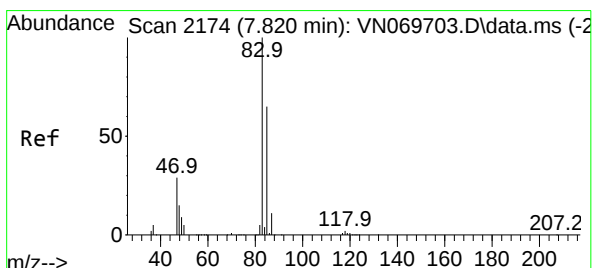
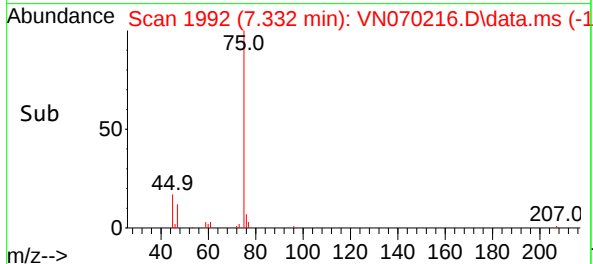
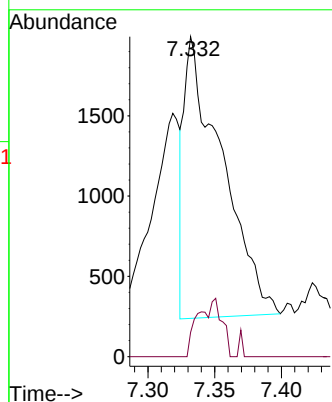
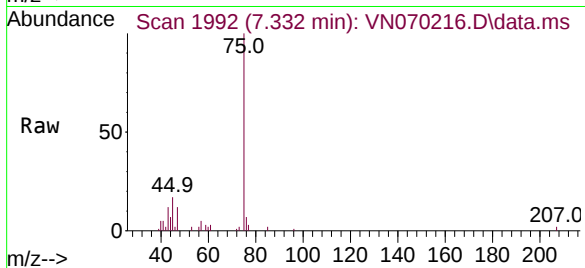
ClientSampleId :

Tgt Ion: 43 Resp: 3454

Ion Ratio Lower Upper

43 100

72 8.7 21.7 32.5#



#30

Chloroform

Concen: 0.516 ug/l

RT: 7.772 min Scan# 2156

Delta R.T. -0.048 min

Lab File: VN070216.D

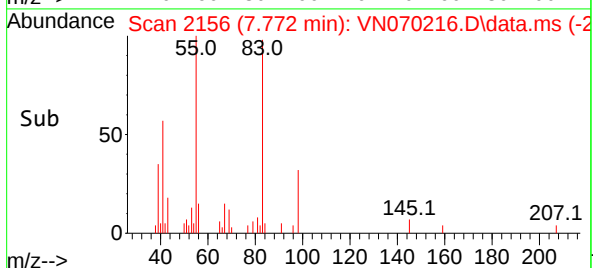
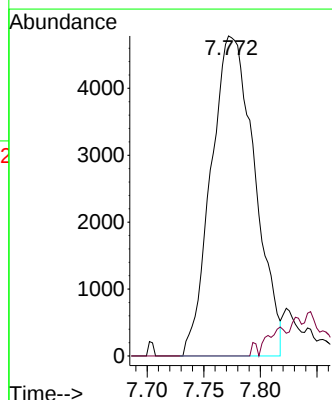
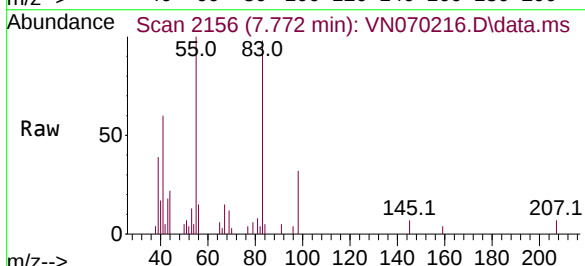
Acq: 18 Dec 2021 16:27

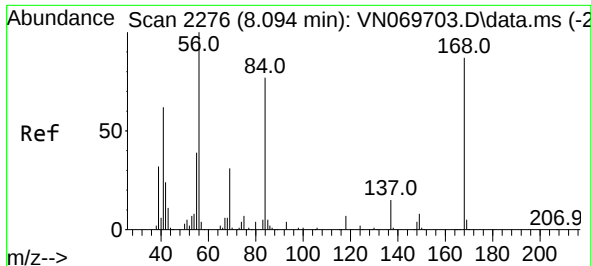
Tgt Ion: 83 Resp: 12833

Ion Ratio Lower Upper

83 100

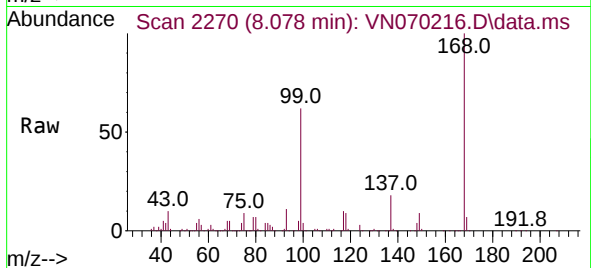
85 0.0 51.9 77.9#



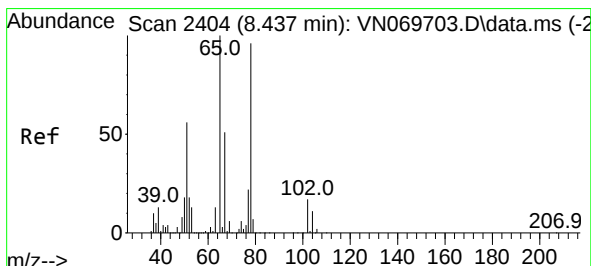
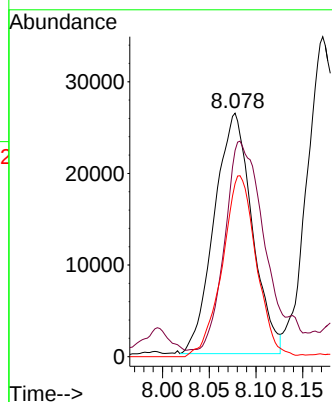
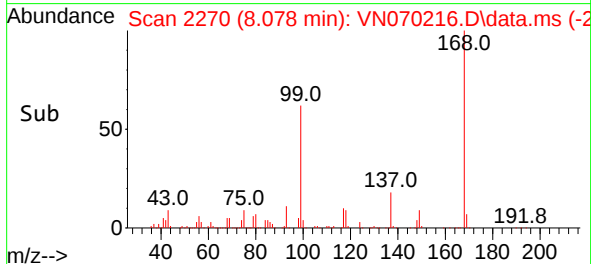


#31
Cyclohexane
Concen: 3.042 ug/l
RT: 8.078 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :

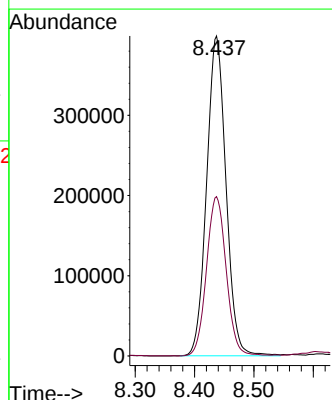
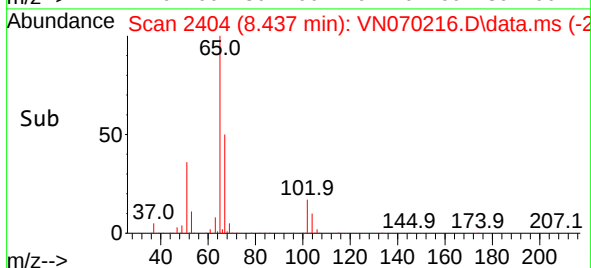
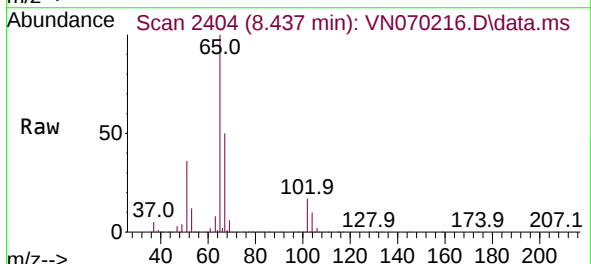


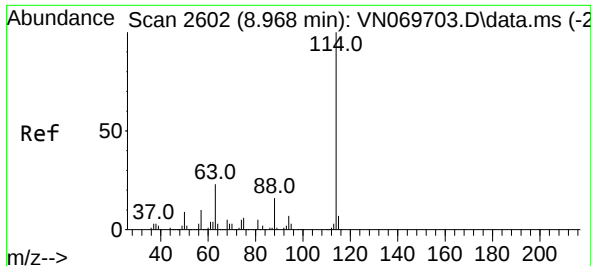
Tgt Ion: 56 Resp: 74072
Ion Ratio Lower Upper
56 100
69 81.6 27.1 40.7#
84 72.0 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 51.638 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

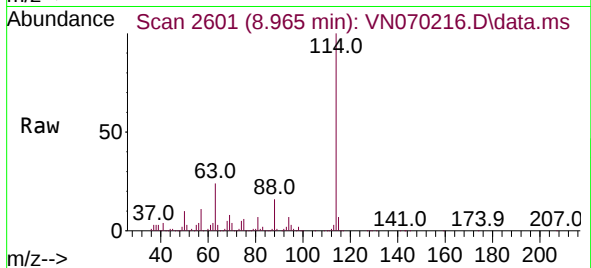
Tgt Ion: 65 Resp: 903593
Ion Ratio Lower Upper
65 100
67 50.9 0.0 103.0





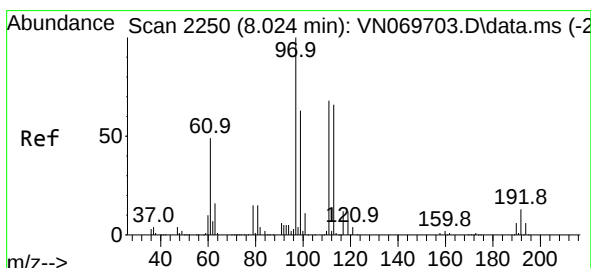
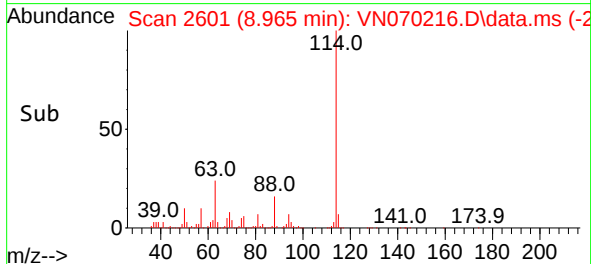
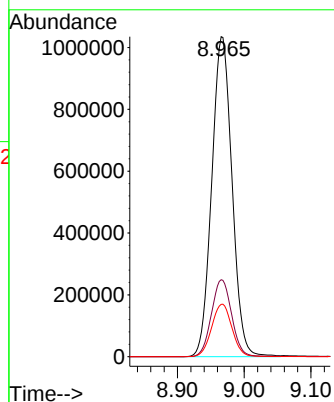
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2185072
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:114 Resp: 2185072

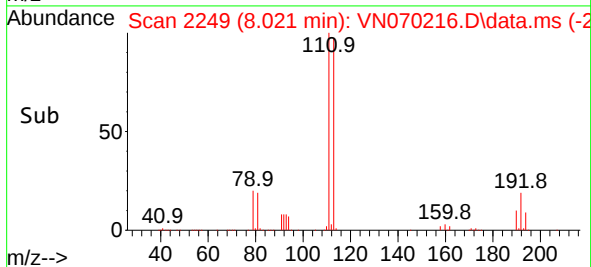
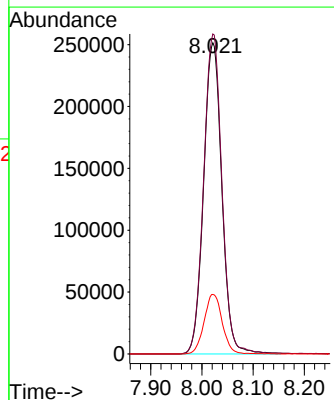
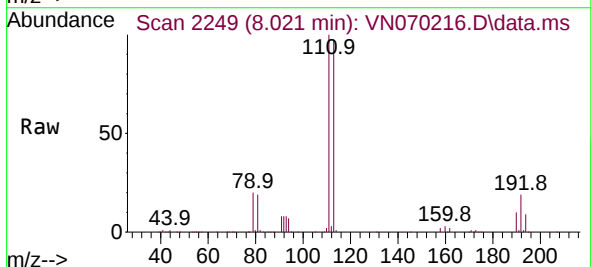
Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	37.8
88	16.4	0.0	27.4

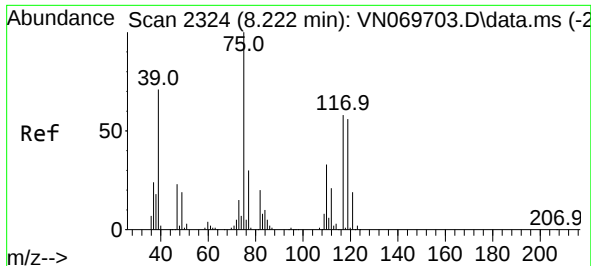


#35
Dibromofluoromethane
Concen: 45.426 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:113 Resp: 621734

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.2
192	19.0	16.9	25.3

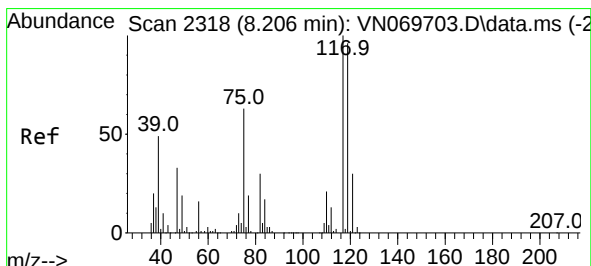
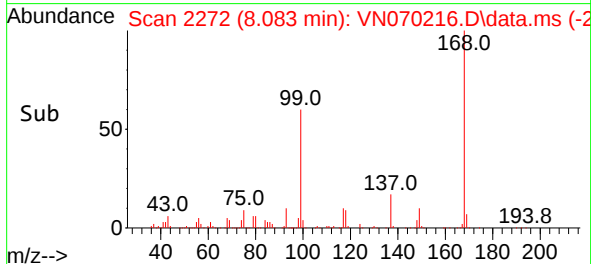
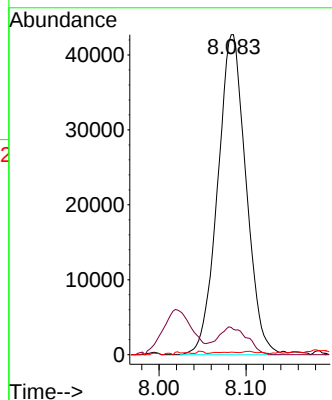
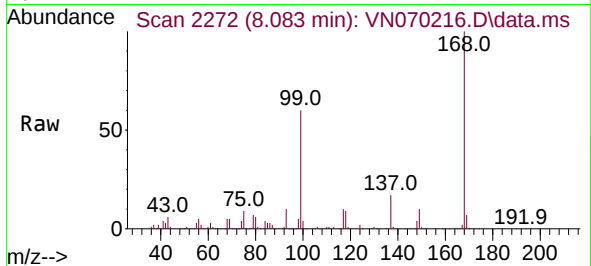




#36
 1,1-Dichloropropene
 Concen: 4.644 ug/l
 RT: 8.083 min Scan# 21
 Delta R.T. -0.139 min
 Lab File: VN070216.D
 Acq: 18 Dec 2021 16:27

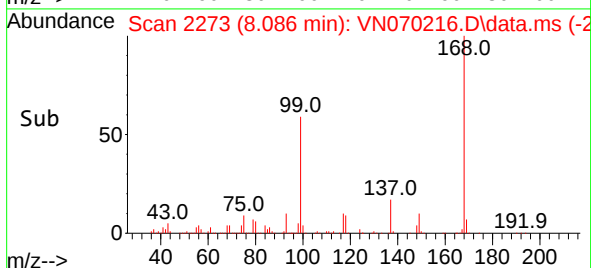
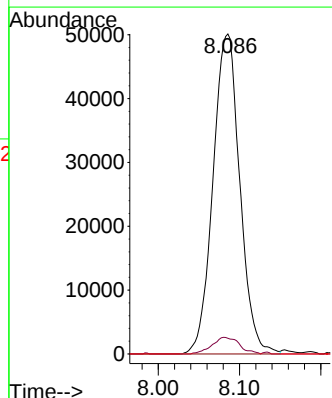
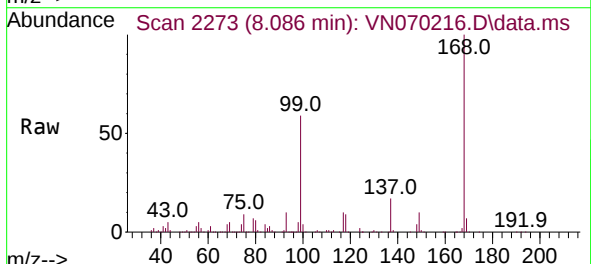
Instrument :
 MSVOA_N
 ClientSampleId :

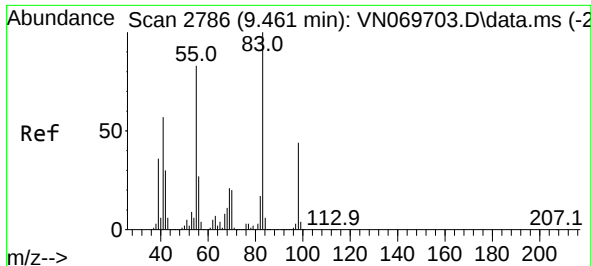
Tgt Ion: 75 Resp: 96604
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.4 55.2#
 77 0.1 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.638 ug/l
 RT: 8.086 min Scan# 2273
 Delta R.T. -0.121 min
 Lab File: VN070216.D
 Acq: 18 Dec 2021 16:27

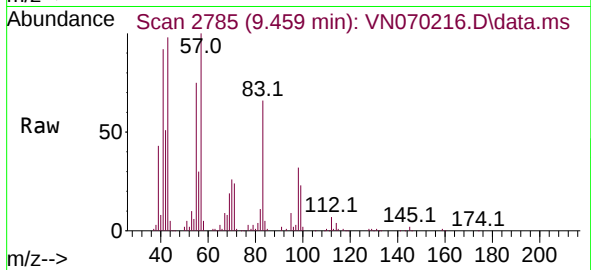
Tgt Ion: 117 Resp: 115004
 Ion Ratio Lower Upper
 117 100
 119 4.9 76.1 114.1#
 121 0.0 24.2 36.2#



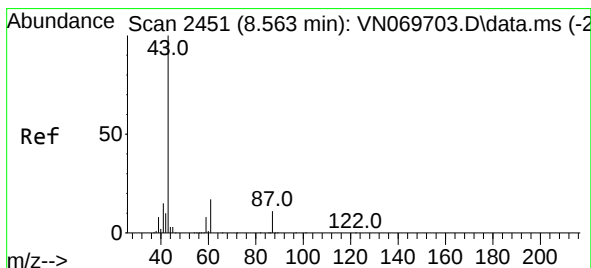
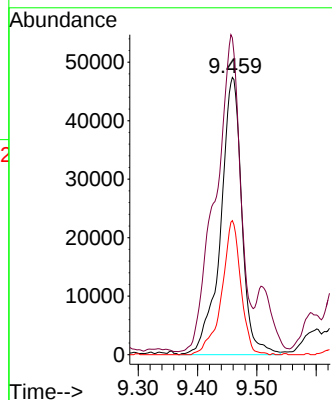
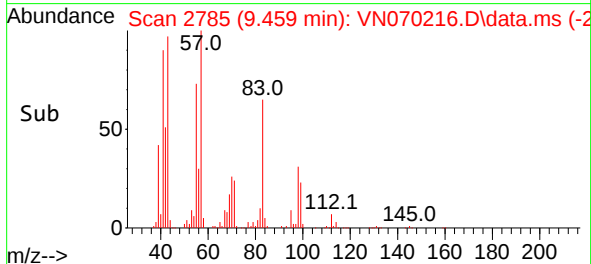


#39
Methylcyclohexane
Concen: 4.777 ug/l
RT: 9.459 min Scan# 211
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Instrument :
MSVOA_N
ClientSampleId :

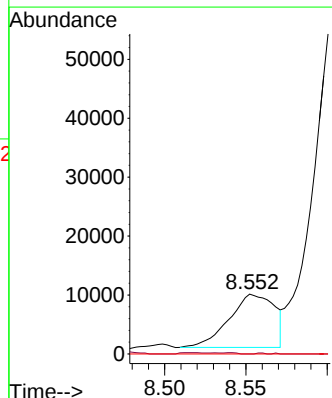
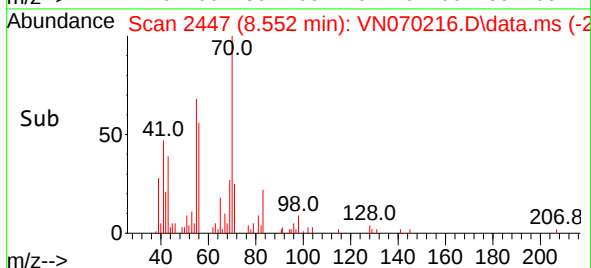
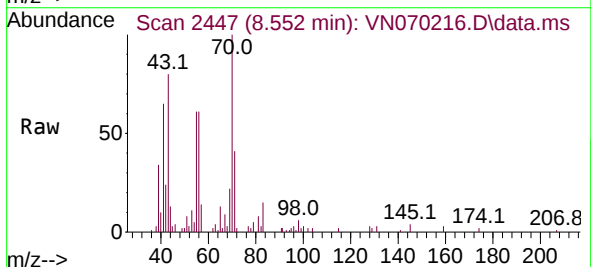


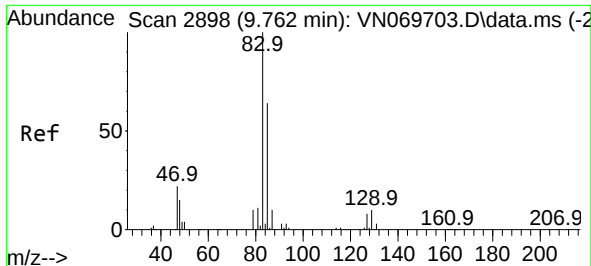
Tgt Ion: 83 Resp: 118202
Ion Ratio Lower Upper
83 100
55 113.1 58.1 87.1#
98 48.4 38.4 57.6



#43
Isopropyl Acetate
Concen: 0.384 ug/l
RT: 8.552 min Scan# 2447
Delta R.T. -0.011 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 43 Resp: 17580
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

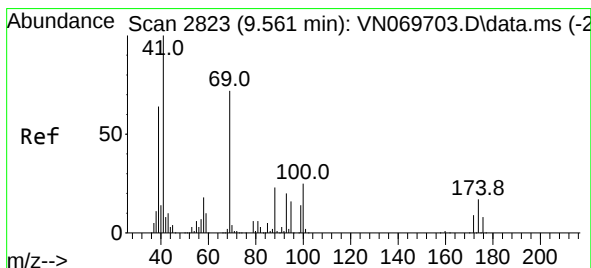
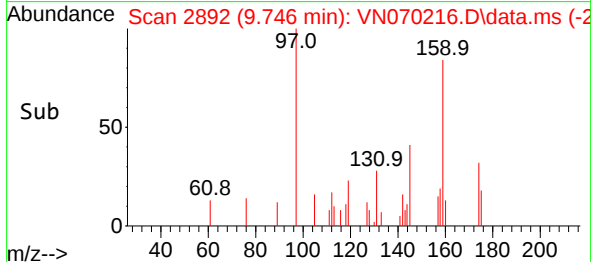
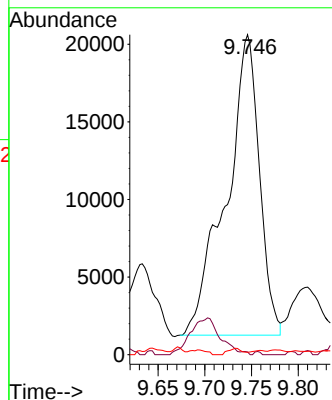
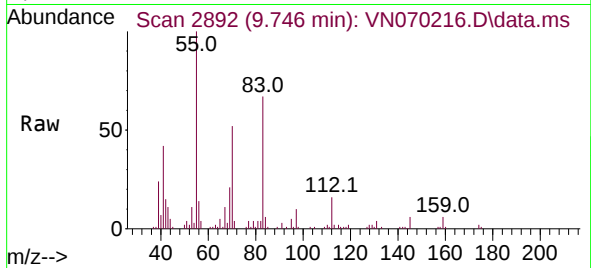




#47
Bromodichloromethane
Concen: 2.257 ug/l
RT: 9.746 min Scan# 21
Delta R.T. -0.016 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

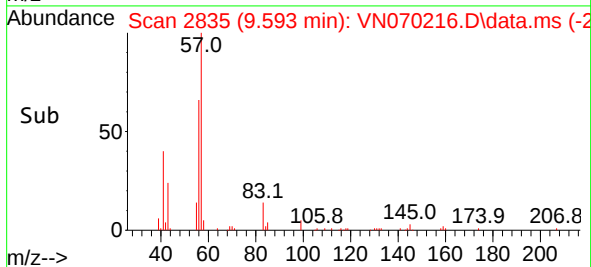
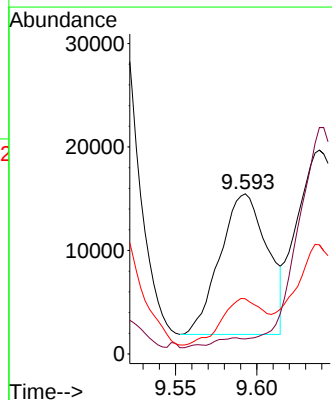
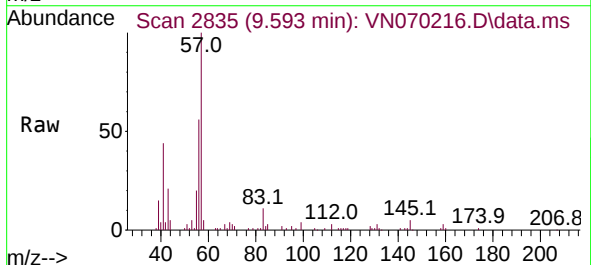
Instrument :
MSVOA_N
ClientSampleId :

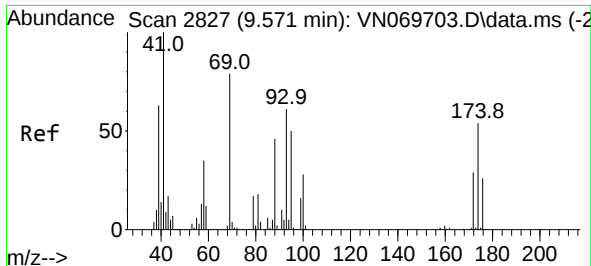
Tgt Ion: 83 Resp: 47852
Ion Ratio Lower Upper
83 100
85 0.9 50.9 76.3#
127 0.0 7.1 10.7#



#48
Methyl methacrylate
Concen: 1.293 ug/l
RT: 9.593 min Scan# 2835
Delta R.T. 0.032 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 41 Resp: 27650
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 29.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 0.235 ug/l

RT: 9.579 min Scan# 21

Delta R.T. 0.008 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

ClientSampleId :

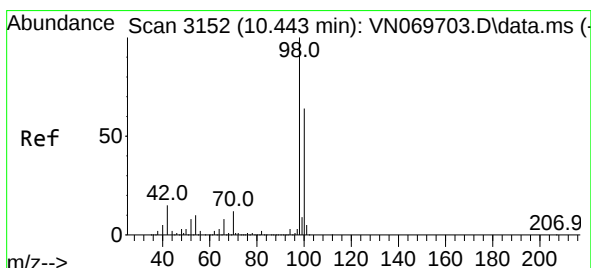
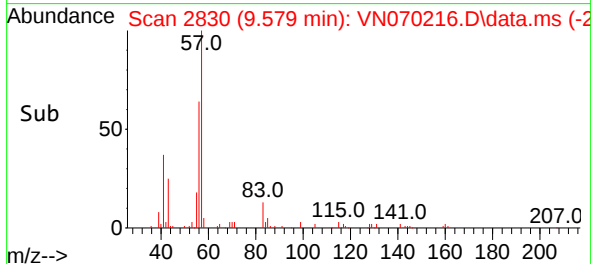
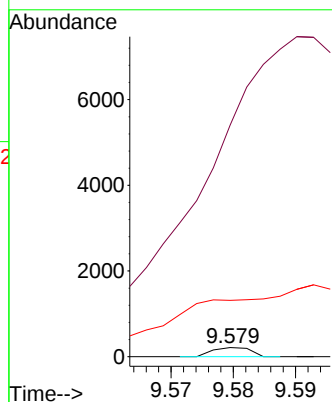
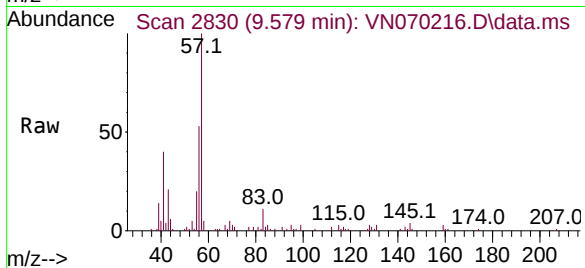
Tgt Ion: 88 Resp: 90

Ion Ratio Lower Upper

88 100

43 13044.4 23.4 35.2#

58 4502.2 50.6 75.8#



#50

Toluene-d8

Concen: 53.686 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070216.D

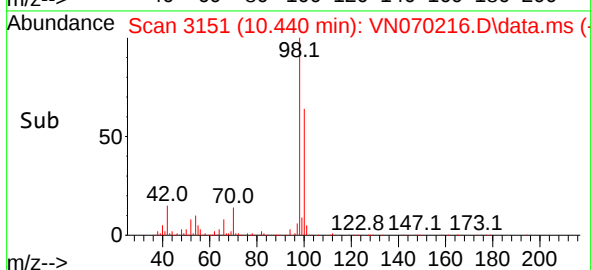
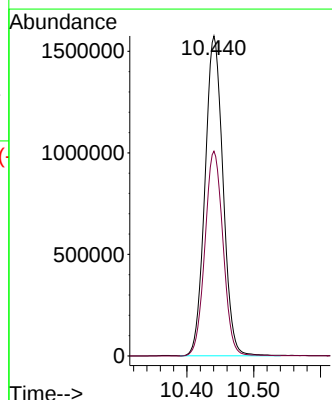
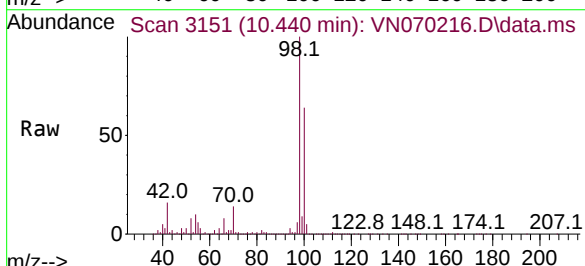
Acq: 18 Dec 2021 16:27

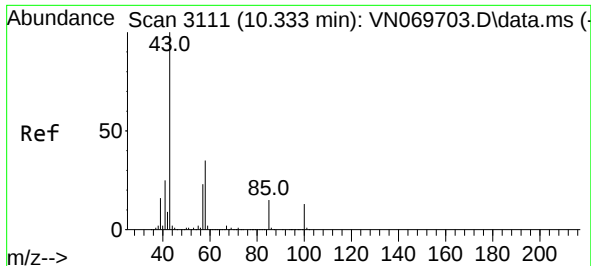
Tgt Ion: 98 Resp: 2950404

Ion Ratio Lower Upper

98 100

100 64.5 50.4 75.6

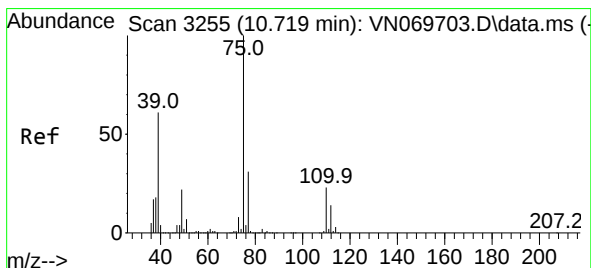
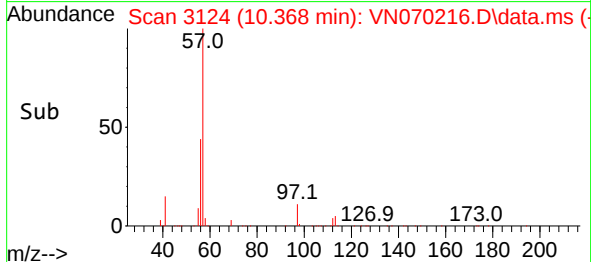
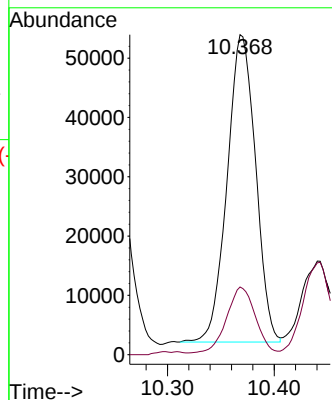
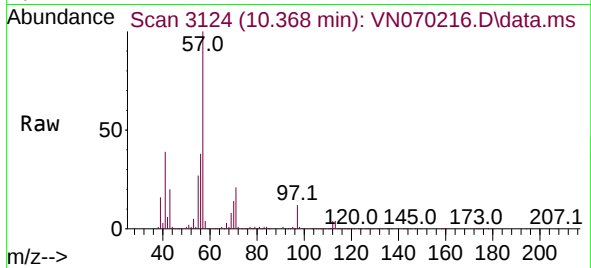




#51
4-Methyl-2-Pentanone
Concen: 3.223 ug/l
RT: 10.368 min Scan# 3111
Delta R.T. 0.035 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

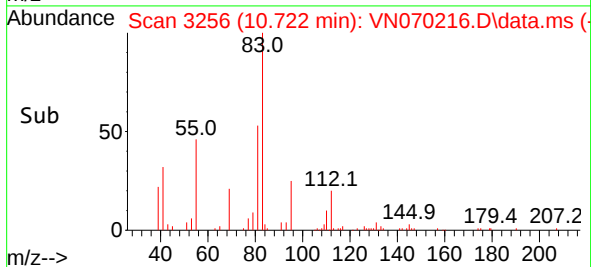
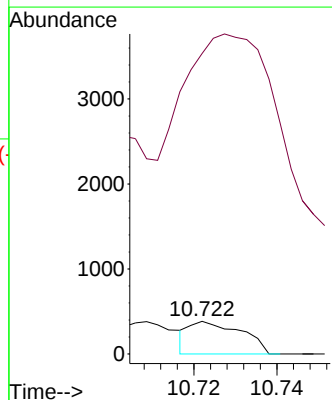
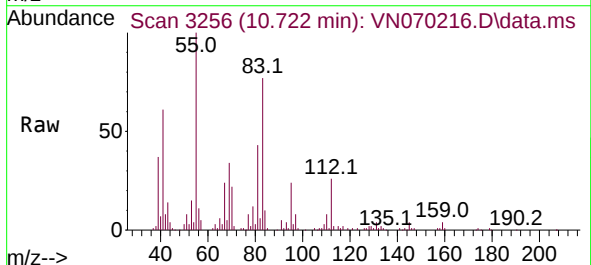
Instrument :
MSVOA_N
ClientSampleId :

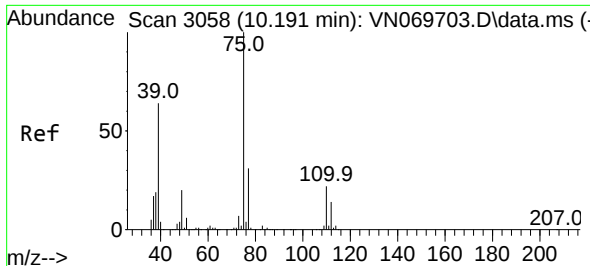
Tgt Ion: 43 Resp: 95790
Ion Ratio Lower Upper
43 100
58 21.5 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 2.807 ug/l
RT: 10.722 min Scan# 3256
Delta R.T. 0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 75 Resp: 336
Ion Ratio Lower Upper
75 100
77 214.1 25.6 38.4#

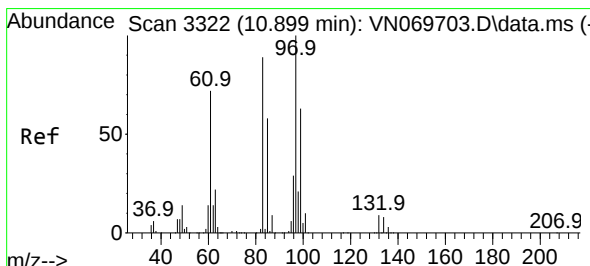
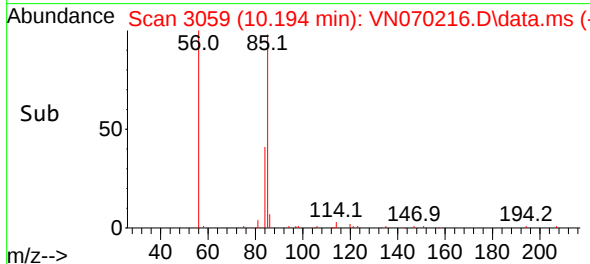
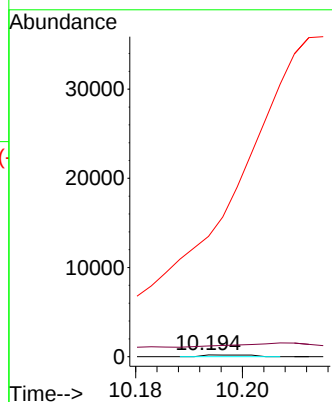
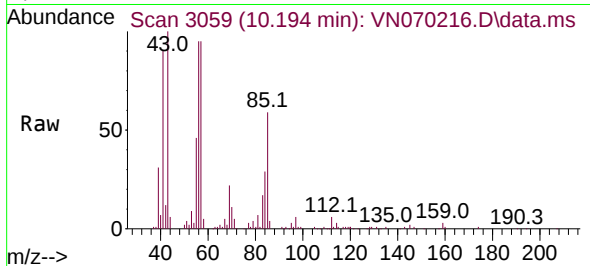




#54
cis-1,3-Dichloropropene
Concen: 2.003 ug/l
RT: 10.194 min Scan# 3058
Delta R.T. 0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

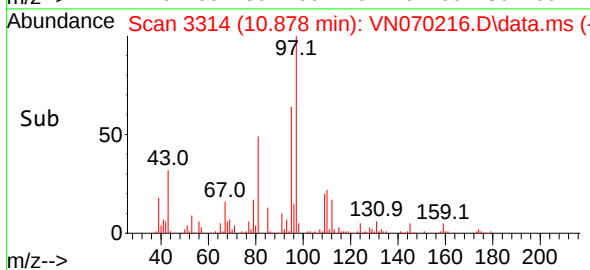
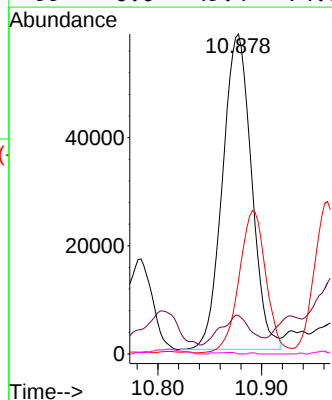
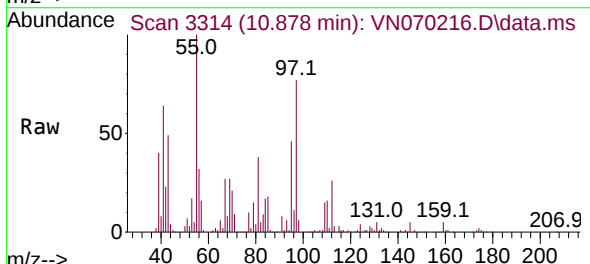
Instrument :
MSVOA_N
ClientSampleId :

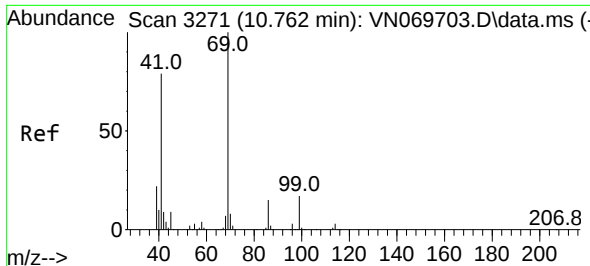
Tgt Ion: 75 Resp: 117
Ion Ratio Lower Upper
75 100
77 73.0 26.4 39.6#
39 1354.0 42.5 63.7#



#55
1,1,2-Trichloroethane
Concen: 7.212 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.021 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 97 Resp: 112950
Ion Ratio Lower Upper
97 100
83 5.0 67.8 101.6#
85 22.6 45.4 68.2#
99 0.0 49.4 74.0#

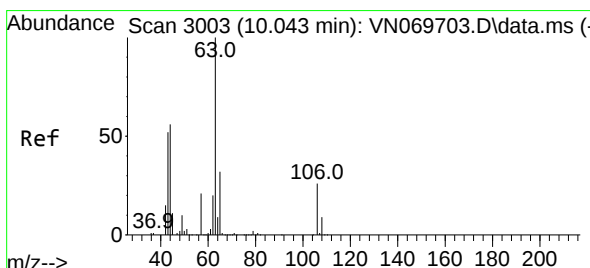
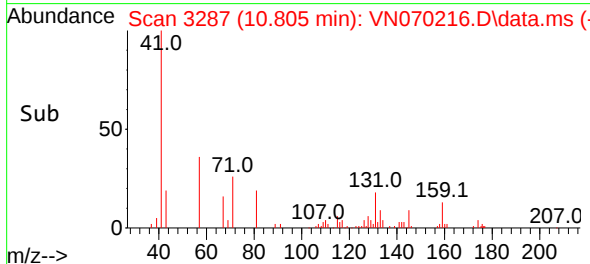
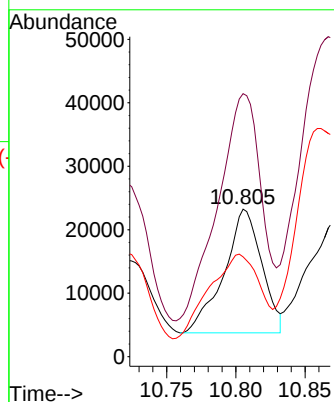
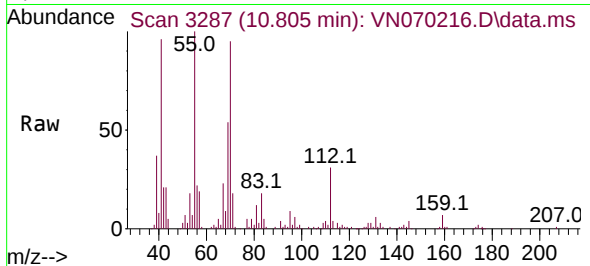




#56
Ethyl methacrylate
Concen: 3.475 ug/l
RT: 10.805 min Scan# 31
Delta R.T. 0.043 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

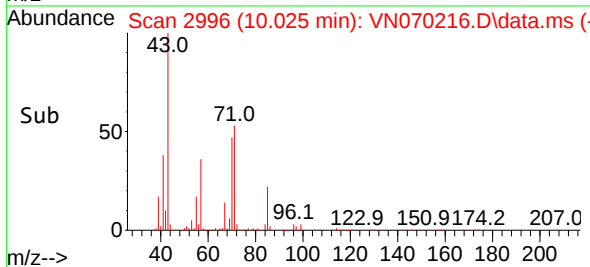
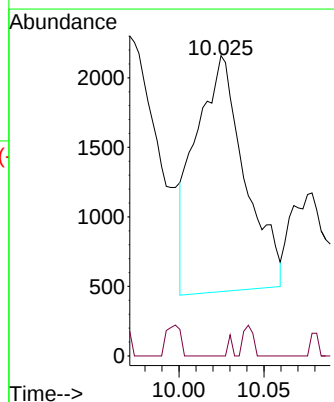
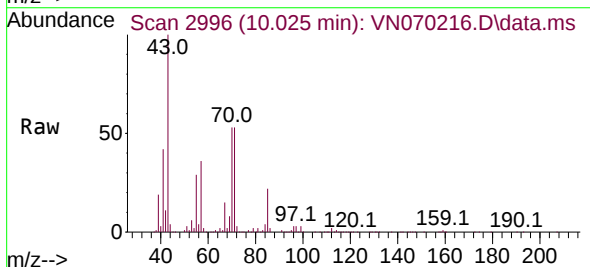
Instrument :
MSVOA_N
ClientSampleId :

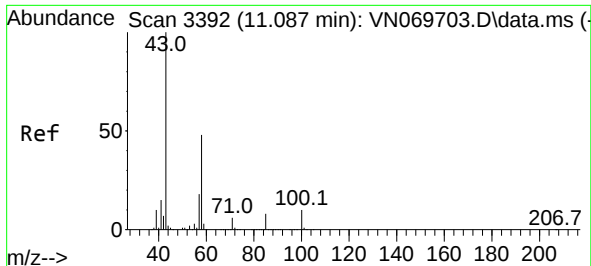
Tgt Ion: 69 Resp: 37020
Ion Ratio Lower Upper
69 100
41 210.0 51.4 77.0#
39 90.7 34.6 52.0#



#58
2-Chloroethyl Vinyl ether
Concen: 18.784 ug/l
RT: 10.025 min Scan# 2996
Delta R.T. -0.018 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 63 Resp: 3405
Ion Ratio Lower Upper
63 100
106 0.7 23.9 35.9#

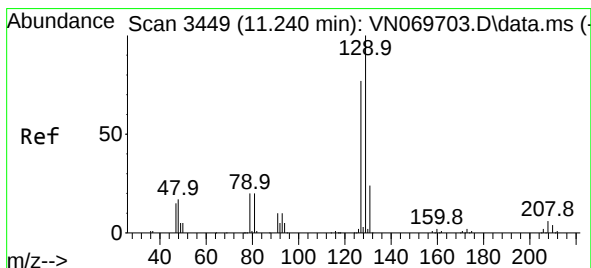
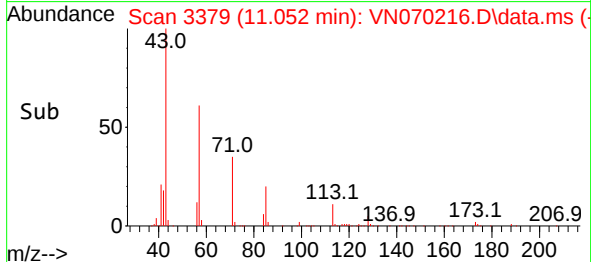
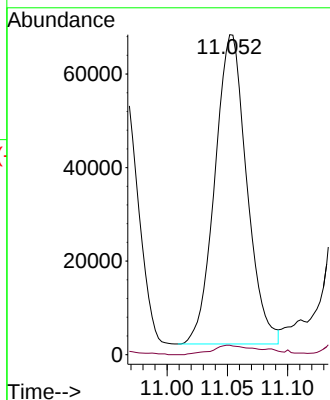
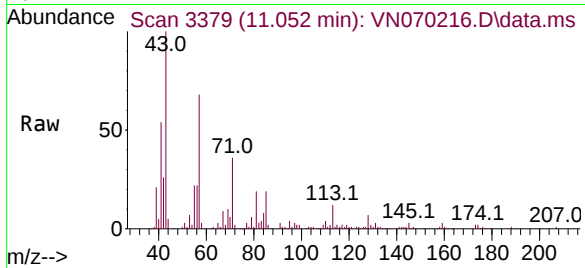




#59
2-Hexanone
Concen: 5.404 ug/l
RT: 11.052 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

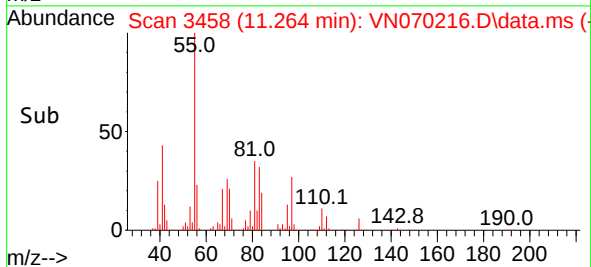
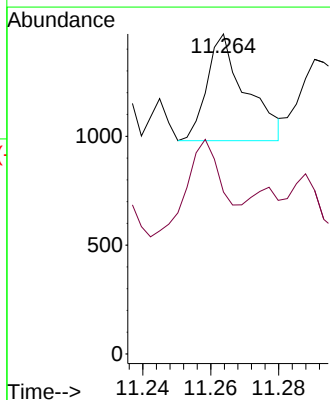
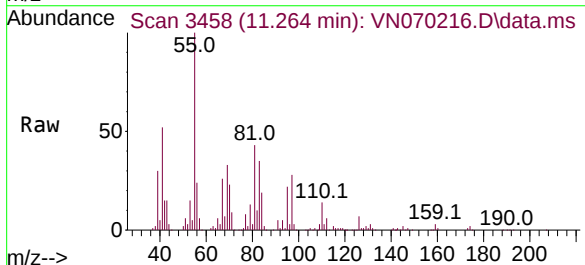
Instrument :
MSVOA_N
ClientSampleId :

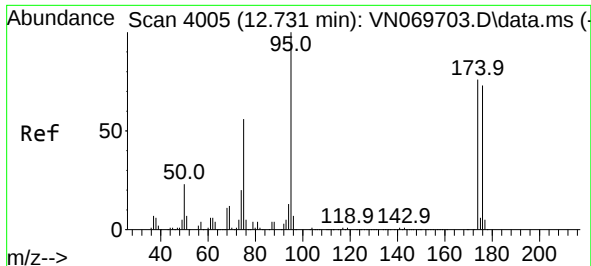
Tgt Ion: 43 Resp: 121498
Ion Ratio Lower Upper
43 100
58 3.8 26.9 80.7#



#60
Dibromochloromethane
Concen: 2.398 ug/l
RT: 11.264 min Scan# 3458
Delta R.T. 0.024 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:129 Resp: 388
Ion Ratio Lower Upper
129 100
127 71.4 38.6 116.0

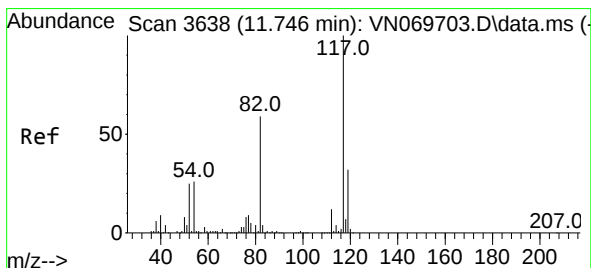
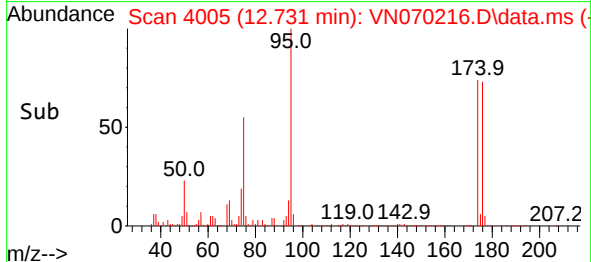
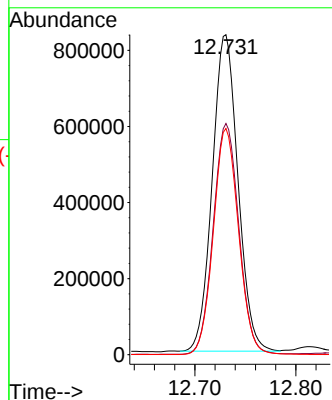
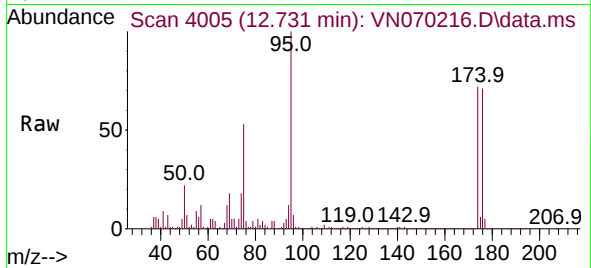




#62
4-Bromofluorobenzene
Concen: 73.882 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

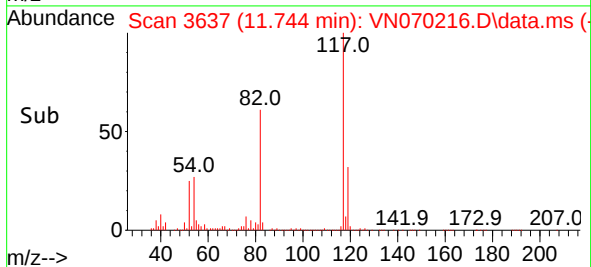
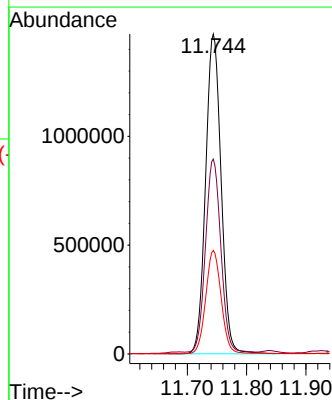
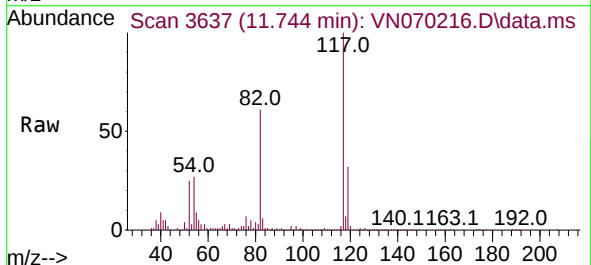
Instrument :
MSVOA_N
ClientSampleId :

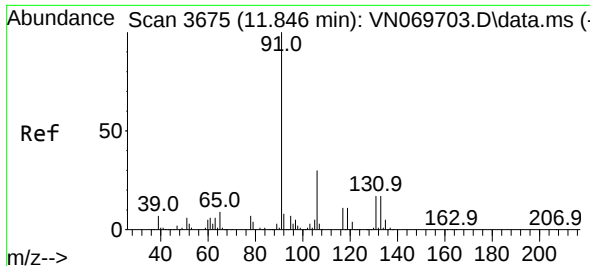
Tgt Ion: 95 Resp: 1470983
Ion Ratio Lower Upper
95 100
174 72.5 0.0 187.2
176 70.2 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 117 Resp: 2659724
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 32.3 25.4 38.2

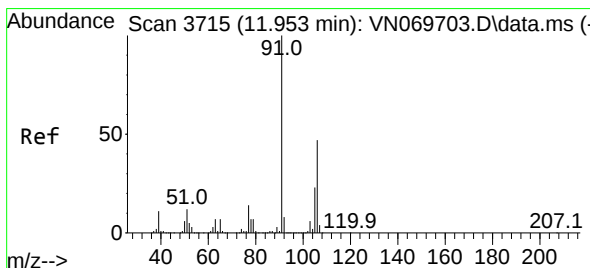
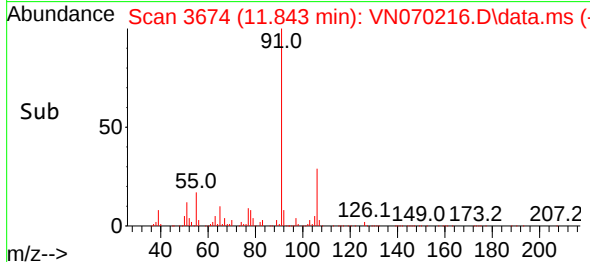
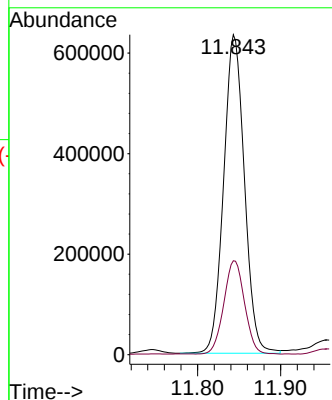
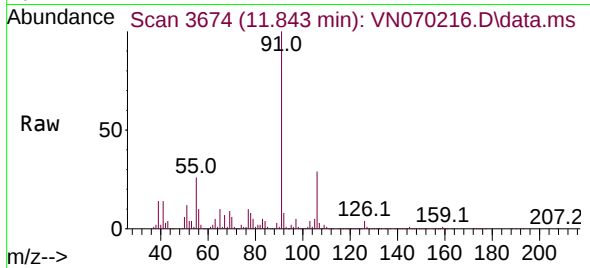




#67
Ethyl Benzene
Concen: 11.256 ug/l
RT: 11.843 min Scan# 30
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

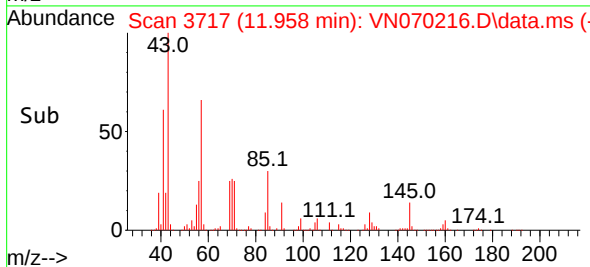
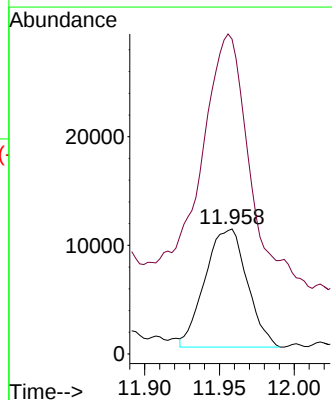
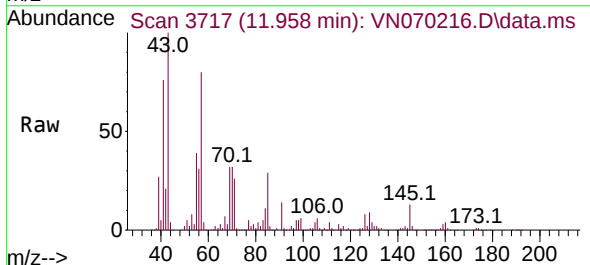
Instrument :
MSVOA_N
ClientSampleId :

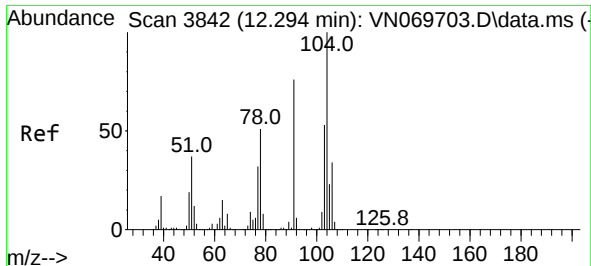
Tgt Ion: 91 Resp: 1103226
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5



#68
m/p-Xylenes
Concen: 0.598 ug/l
RT: 11.958 min Scan# 3717
Delta R.T. 0.005 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:106 Resp: 21340
Ion Ratio Lower Upper
106 100
91 239.5 160.6 240.8

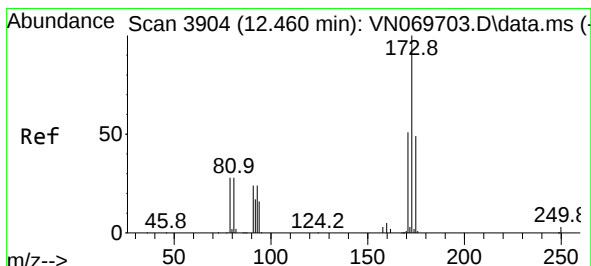
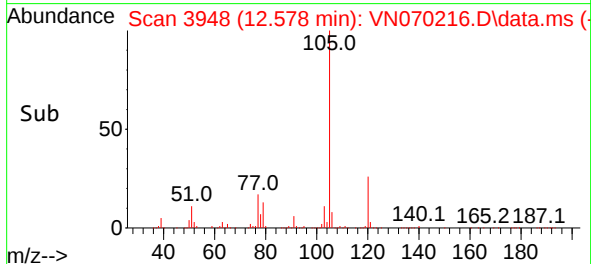
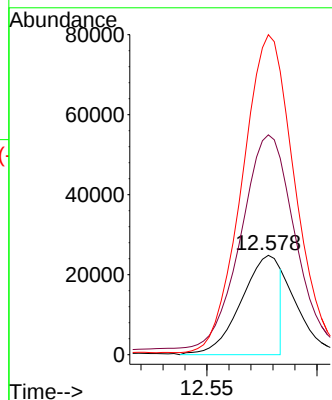
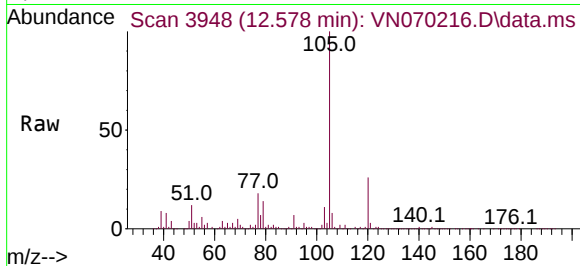




#70
Styrene
Concen: 0.533 ug/l
RT: 12.578 min Scan# 3912
Delta R.T. 0.284 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

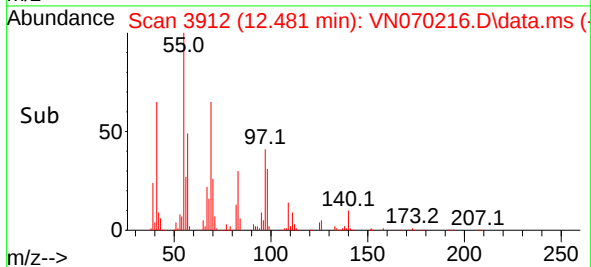
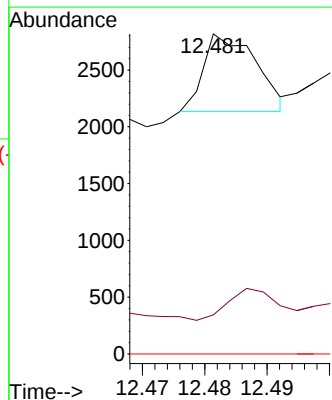
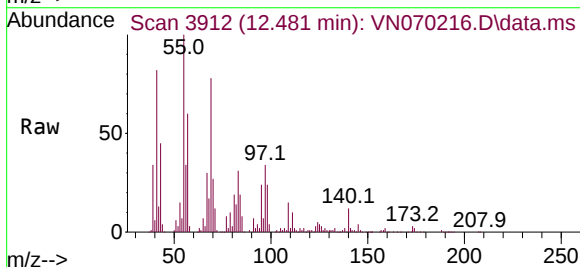
Instrument :
MSVOA_N
ClientSampleId :

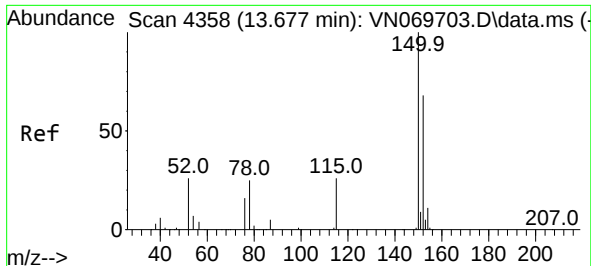
Tgt Ion:104 Resp: 30402
Ion Ratio Lower Upper
104 100
78 220.6 38.7 58.1#
103 314.2 45.0 67.6#



#71
Bromoform
Concen: 2.754 ug/l
RT: 12.481 min Scan# 3912
Delta R.T. 0.021 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

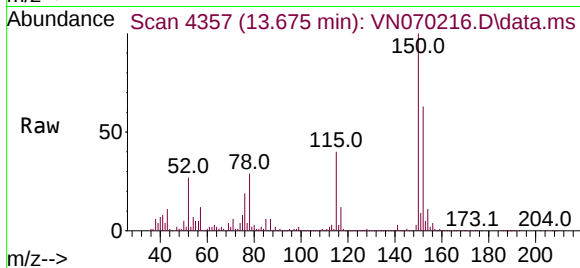
Tgt Ion:173 Resp: 400
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.0 0.0



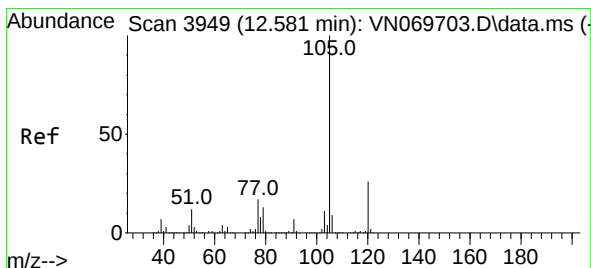
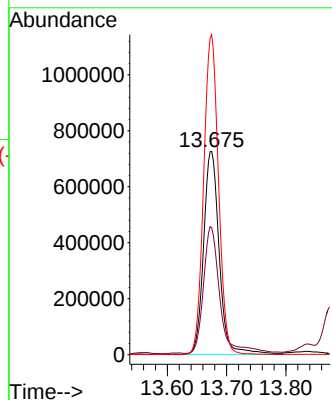
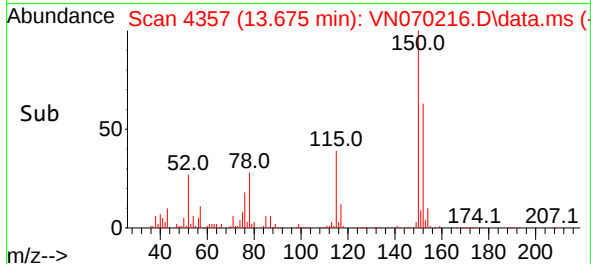


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VN070216.D
 Acq: 18 Dec 2021 16:27

Instrument :
 MSVOA_N
 ClientSampleId :

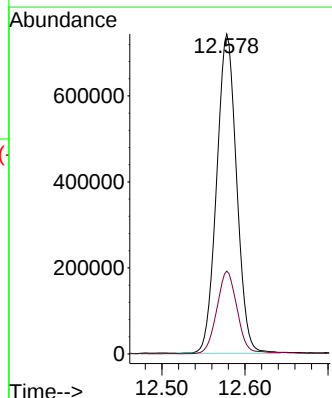
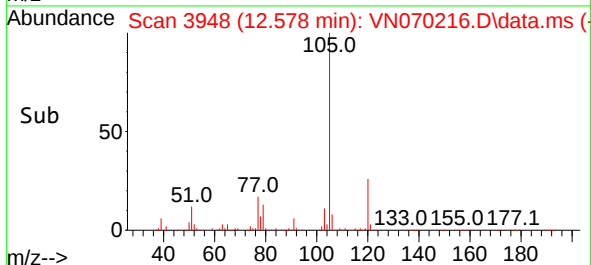
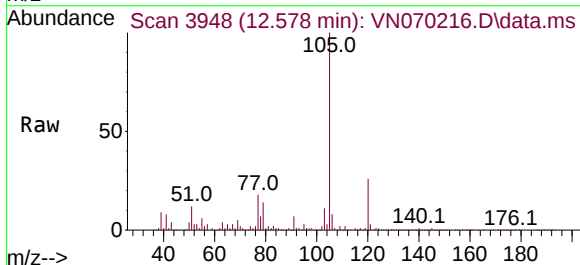


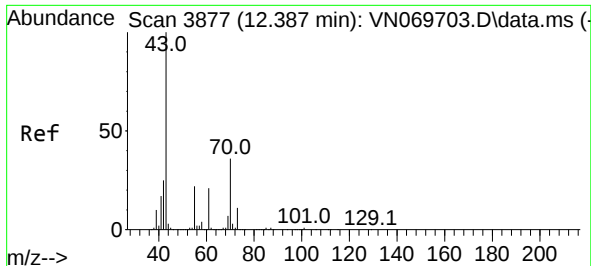
Tgt Ion:152 Resp: 1321755
 Ion Ratio Lower Upper
 152 100
 115 65.9 27.5 82.5
 150 149.6 0.0 344.4



#73
 Isopropylbenzene
 Concen: 10.555 ug/l
 RT: 12.578 min Scan# 3948
 Delta R.T. -0.003 min
 Lab File: VN070216.D
 Acq: 18 Dec 2021 16:27

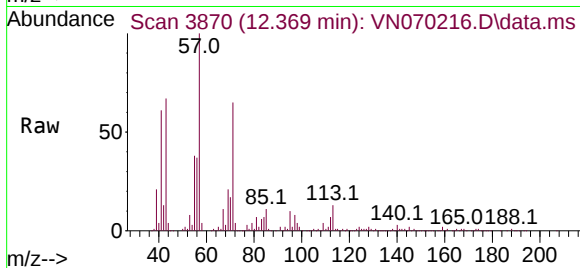
Tgt Ion:105 Resp: 1241245
 Ion Ratio Lower Upper
 105 100
 120 26.8 13.4 40.1



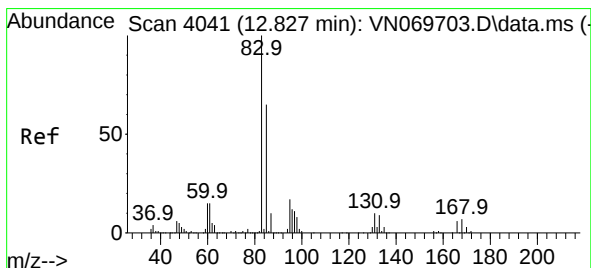
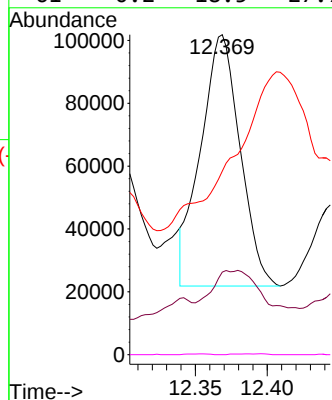
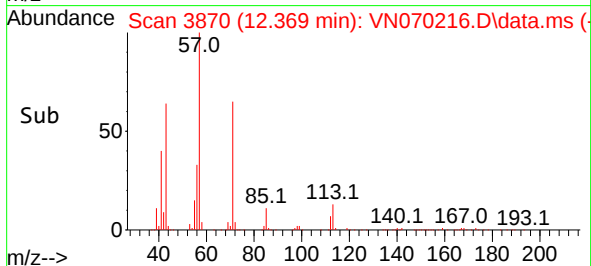


#74
N-amy1 acetate
Concen: 2.936 ug/l
RT: 12.369 min Scan# 31
Delta R.T. -0.019 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

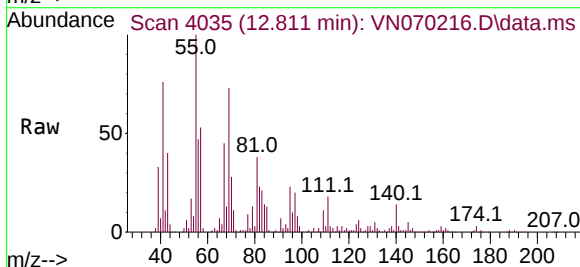
Instrument :
MSVOA_N
ClientSampleId :



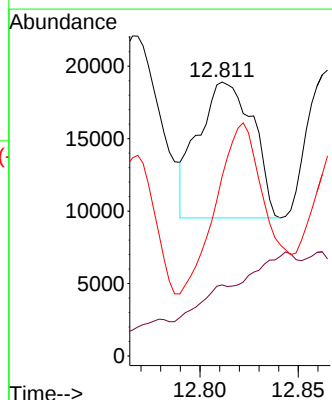
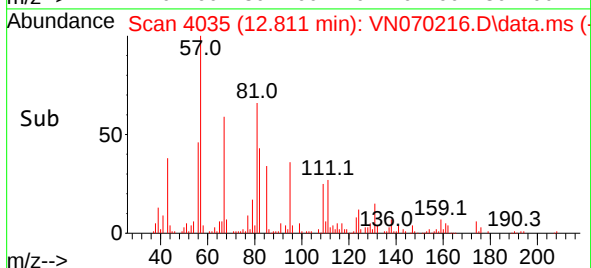
Tgt Ion: 43 Resp: 152675
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.0#
55 0.0 19.3 28.9#
61 0.2 18.5 27.7#

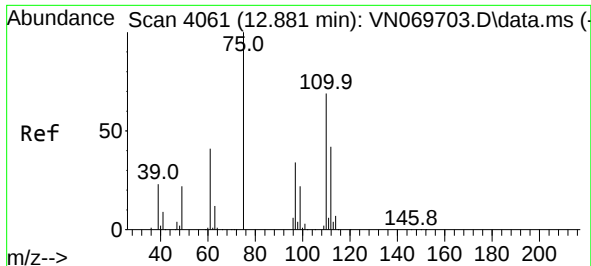


#75
1,1,2,2-Tetrachloroethane
Concen: 0.446 ug/l
RT: 12.811 min Scan# 4035
Delta R.T. -0.016 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27



Tgt Ion: 83 Resp: 18145
Ion Ratio Lower Upper
83 100
131 13.3 5.5 16.5
85 111.4 32.4 97.2#

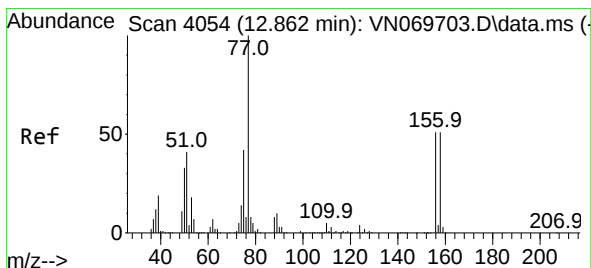
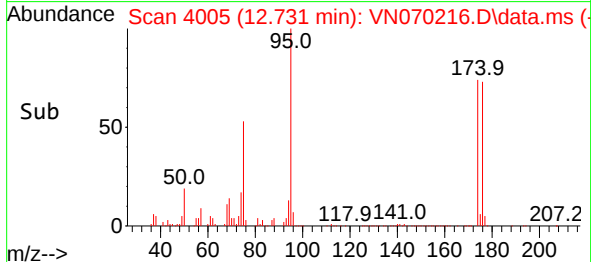
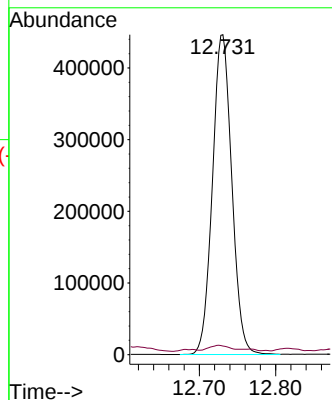
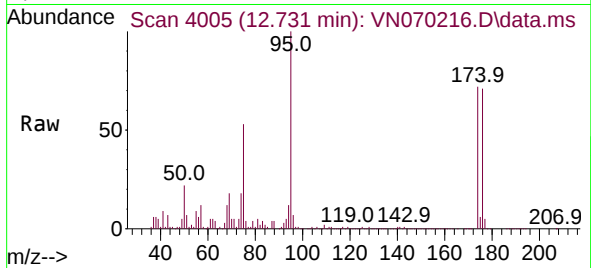




#76
1,2,3-Trichloropropane
Concen: 20.749 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.150 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

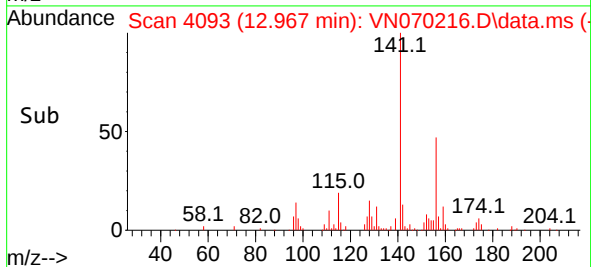
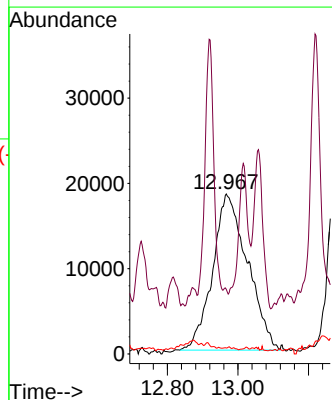
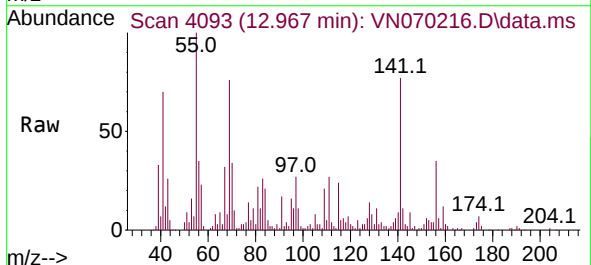
Instrument :
MSVOA_N
ClientSampleId :

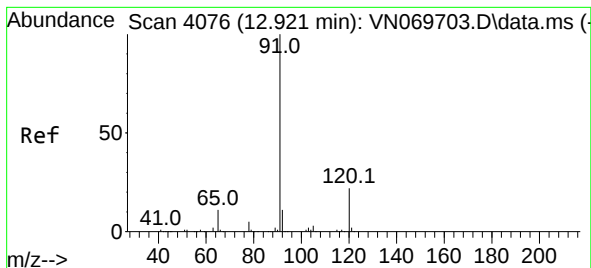
Tgt Ion: 75 Resp: 786488
Ion Ratio Lower Upper
75 100
77 1.5 82.6 247.8#



#77
Bromobenzene
Concen: 4.558 ug/l
RT: 12.967 min Scan# 4093
Delta R.T. 0.105 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:156 Resp: 125904
Ion Ratio Lower Upper
156 100
77 0.0 90.6 271.8#
158 0.0 48.9 146.7#





#78

n-propylbenzene

Concen: 8.678 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.003 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

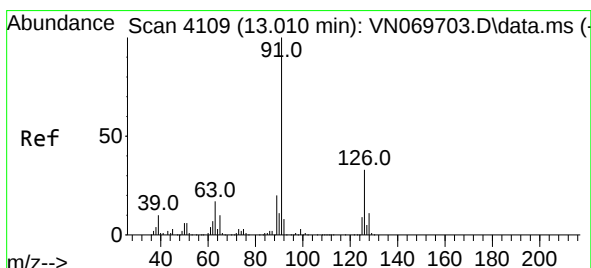
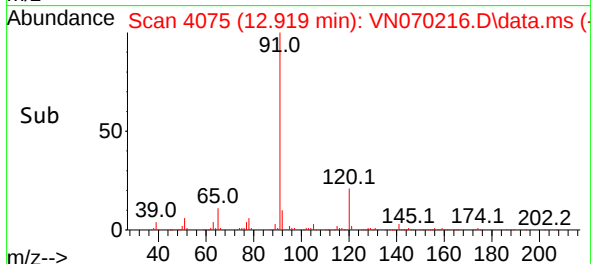
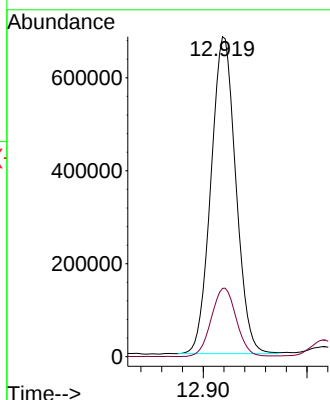
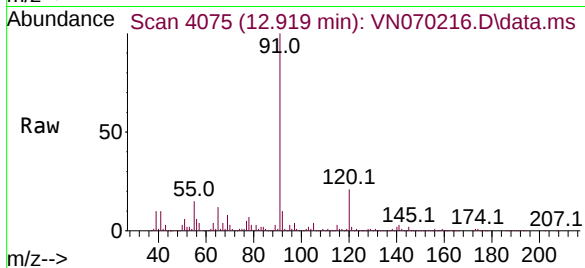
ClientSampleId :

Tgt Ion: 91 Resp: 1135672

Ion Ratio Lower Upper

91 100

120 21.7 11.9 35.9



#79

2-Chlorotoluene

Concen: 13.734 ug/l

RT: 12.919 min Scan# 4075

Delta R.T. -0.091 min

Lab File: VN070216.D

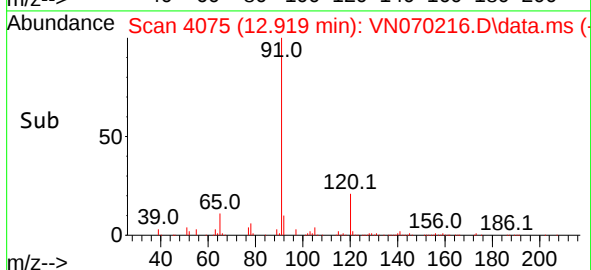
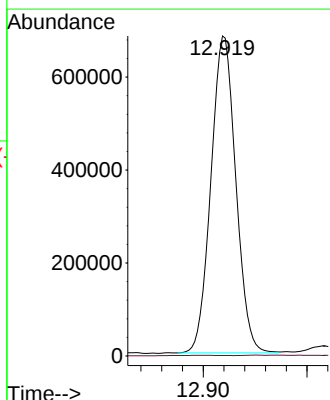
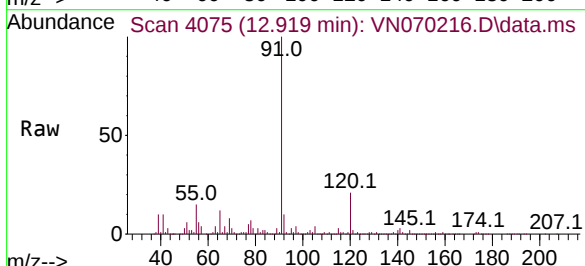
Acq: 18 Dec 2021 16:27

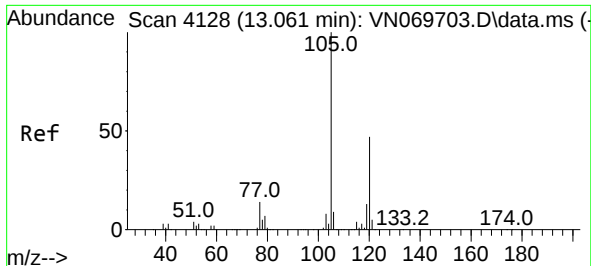
Tgt Ion: 91 Resp: 1135672

Ion Ratio Lower Upper

91 100

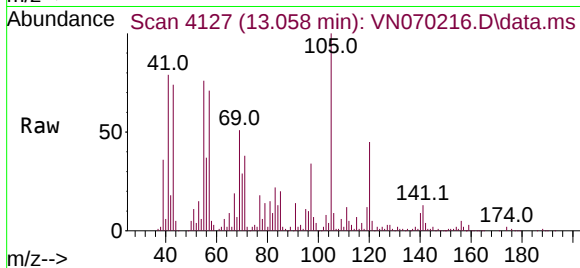
126 0.0 18.3 54.8#



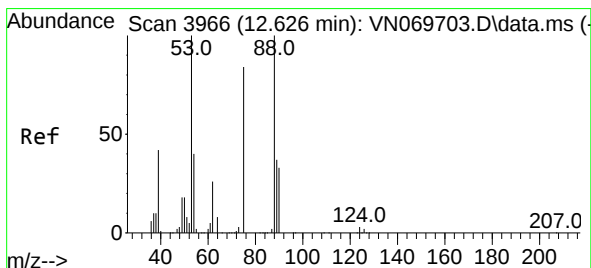
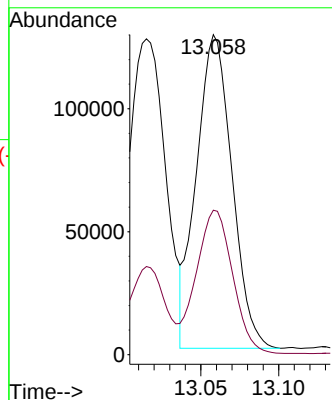
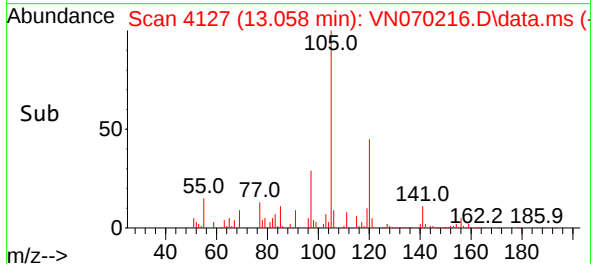


#80
1,3,5-Trimethylbenzene
Concen: 2.136 ug/l
RT: 13.058 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

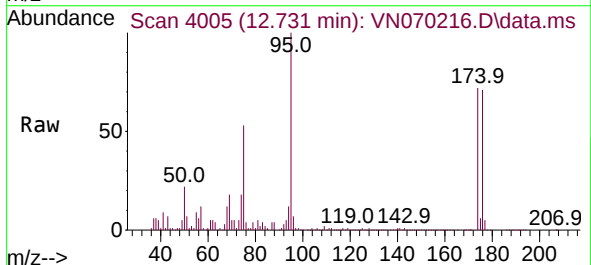
Instrument :
MSVOA_N
ClientSampleId :



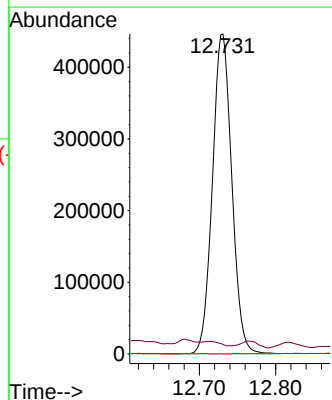
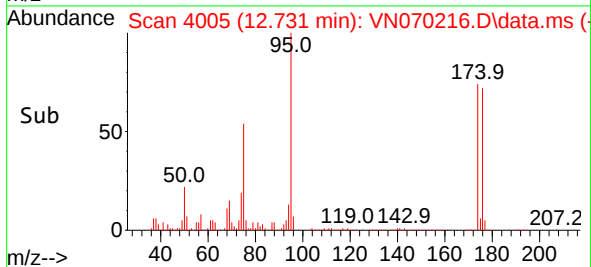
Tgt Ion:105 Resp: 202206
Ion Ratio Lower Upper
105 100
120 46.2 24.6 73.6

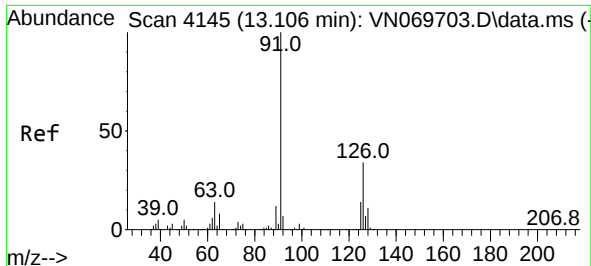


#81
trans-1,4-Dichloro-2-butene
Concen: 66.454 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.105 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27



Tgt Ion: 75 Resp: 786488
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

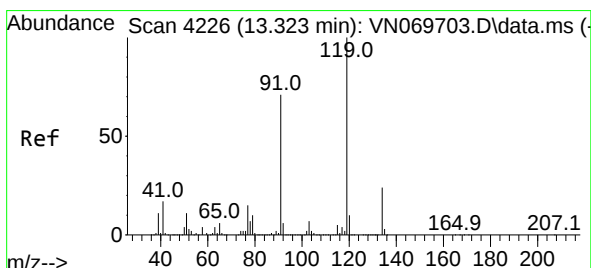
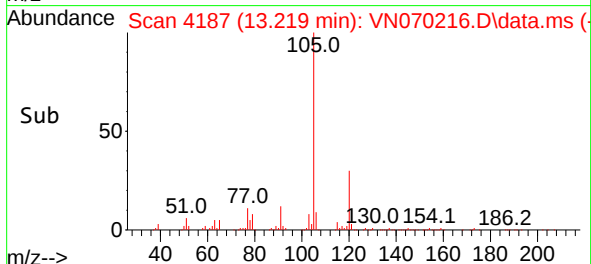
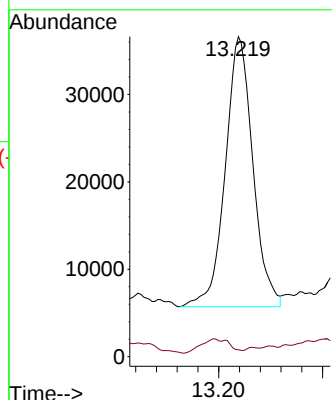
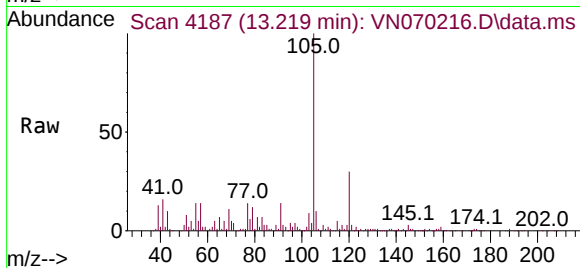




#82
4-Chlorotoluene
Concen: 0.734 ug/l
RT: 13.219 min Scan# 4145
Delta R.T. 0.113 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

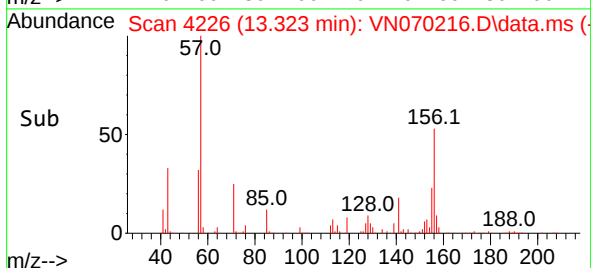
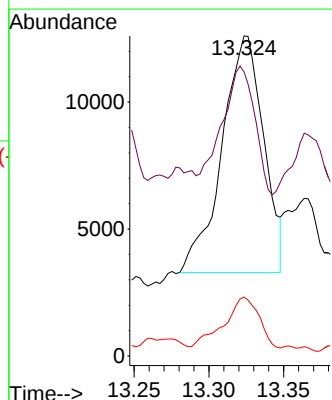
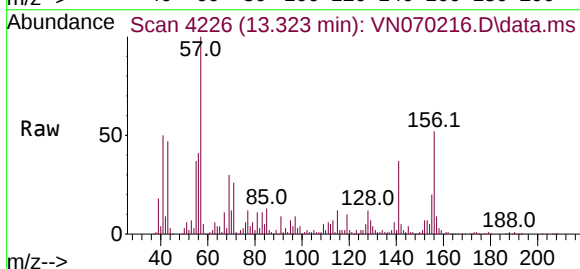
Instrument :
MSVOA_N
ClientSampleId :

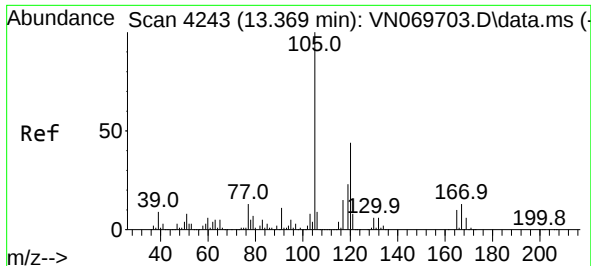
Tgt Ion: 91 Resp: 57084
Ion Ratio Lower Upper
91 100
126 0.5 18.2 54.6#



#83
tert-Butylbenzene
Concen: 0.215 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 119 Resp: 18023
Ion Ratio Lower Upper
119 100
91 42.8 31.5 94.5
134 18.0 12.4 37.4

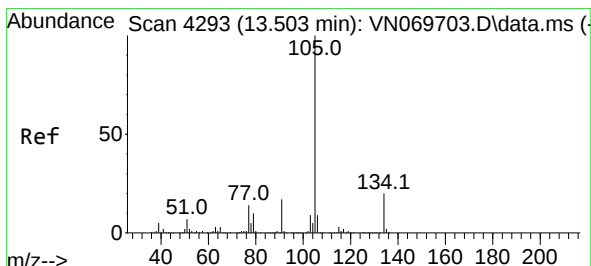
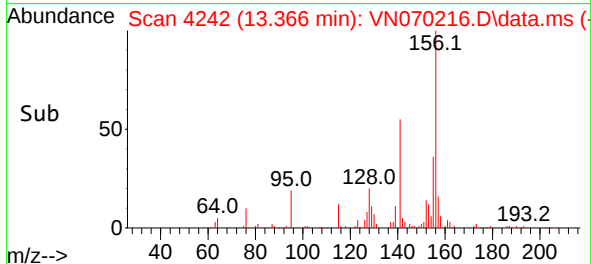
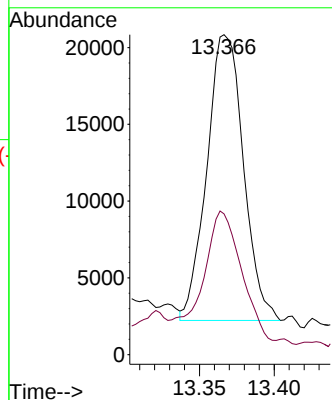
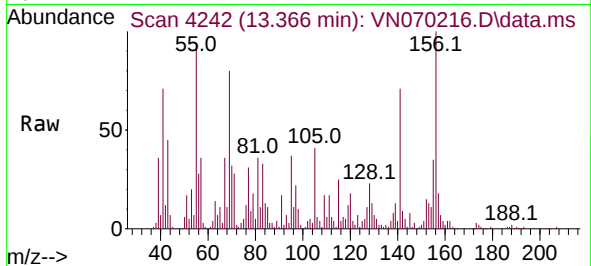




#84
1,2,4-Trimethylbenzene
Concen: 0.352 ug/l
RT: 13.366 min Scan# 41
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

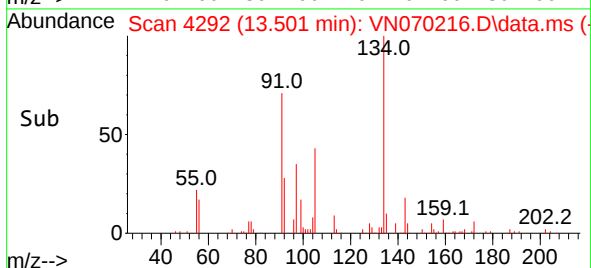
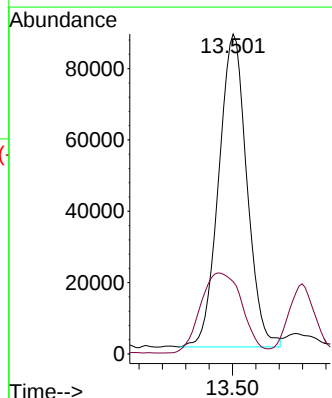
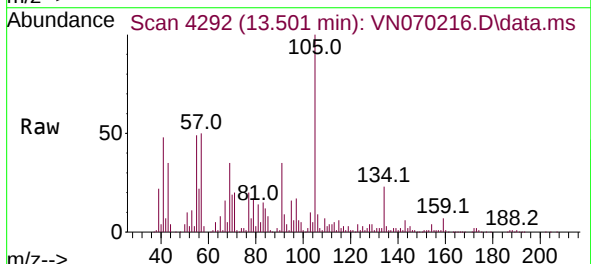
Instrument :
MSVOA_N
ClientSampleId :

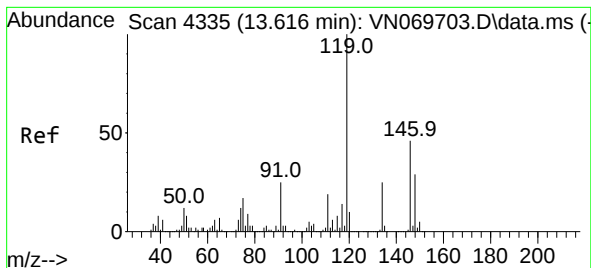
Tgt Ion:105 Resp: 31740
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.4



#85
sec-Butylbenzene
Concen: 1.290 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.003 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion:105 Resp: 146657
Ion Ratio Lower Upper
105 100
134 37.8 10.4 31.1#





#86

p-Isopropyltoluene

Concen: 0.748 ug/l

RT: 13.613 min Scan# 41

Delta R.T. -0.003 min

Lab File: VN070216.D

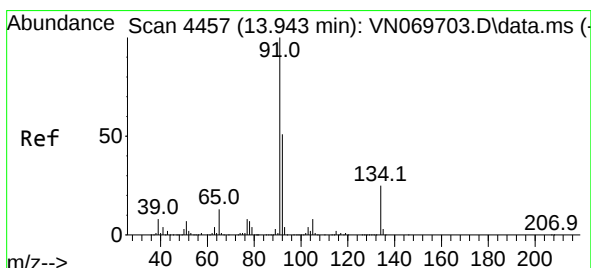
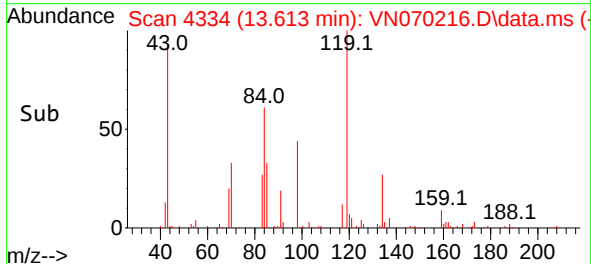
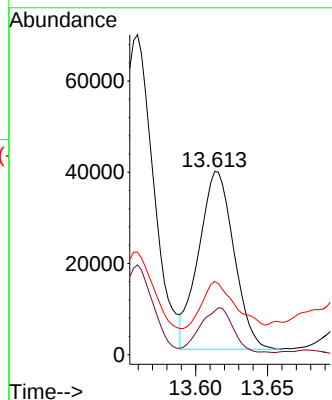
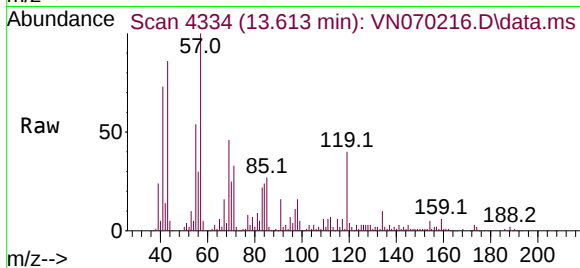
Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:119	Resp:	66479
Ion	Ratio	Lower Upper
119	100	
134	23.4	13.6 40.7
91	24.4	11.4 34.1



#89

n-Butylbenzene

Concen: 4.419 ug/l

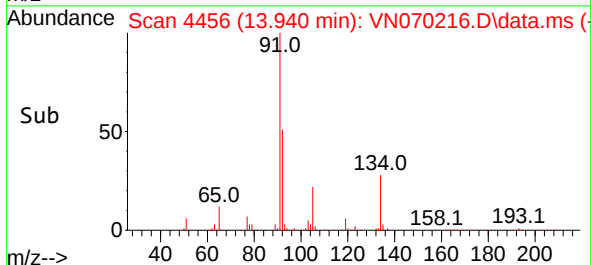
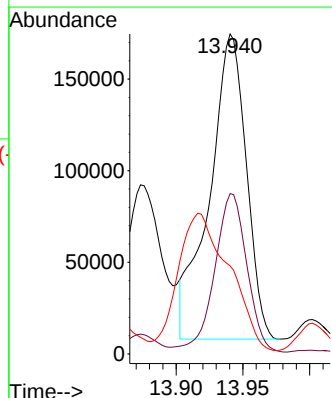
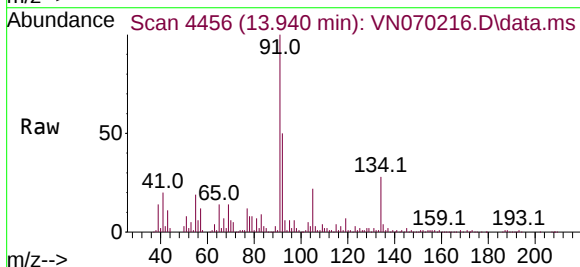
RT: 13.940 min Scan# 4456

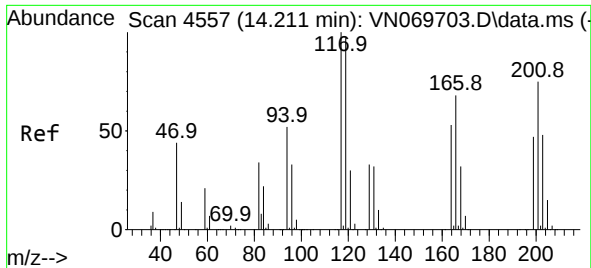
Delta R.T. -0.003 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Tgt Ion: 91	Resp:	318572
Ion	Ratio	Lower Upper
91	100	
92	45.5	25.4 76.0
134	0.0	13.6 40.8#

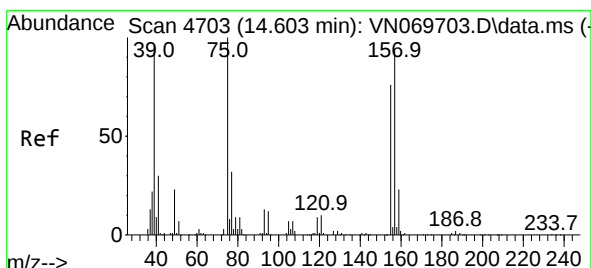
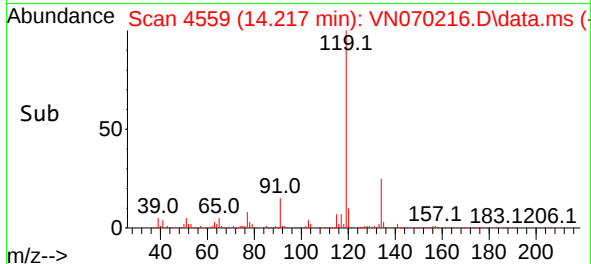
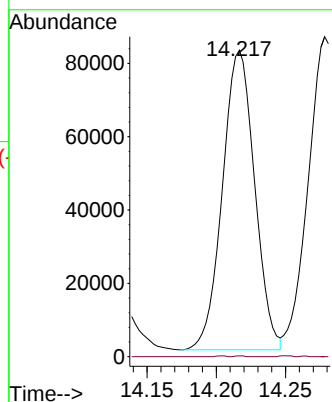
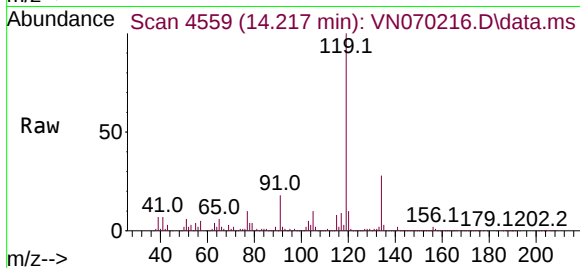




#90
Hexachloroethane
Concen: 8.458 ug/l
RT: 14.217 min Scan# 41
Delta R.T. 0.005 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

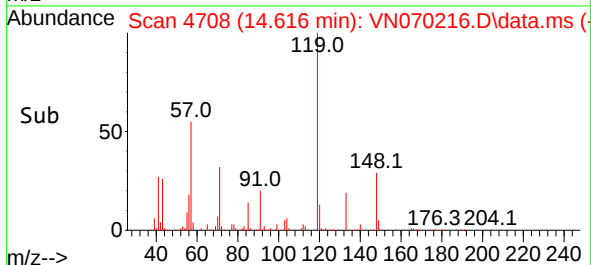
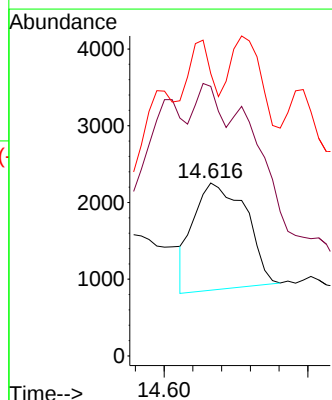
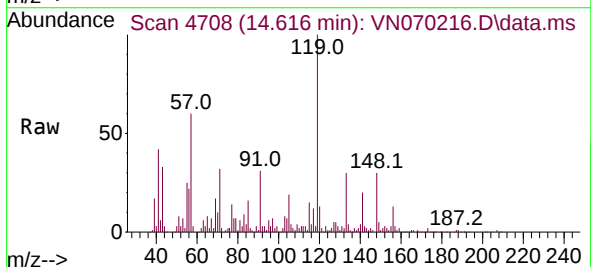
Instrument :
MSVOA_N
ClientSampleId :

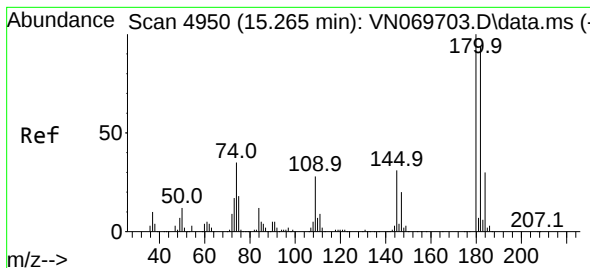
Tgt Ion:117 Resp: 131963
Ion Ratio Lower Upper
117 100
201 0.1 43.9 131.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.240 ug/l
RT: 14.616 min Scan# 4708
Delta R.T. 0.013 min
Lab File: VN070216.D
Acq: 18 Dec 2021 16:27

Tgt Ion: 75 Resp: 1764
Ion Ratio Lower Upper
75 100
155 0.0 46.9 140.7#
157 43.8 60.6 181.7#





#93

1,2,4-Trichlorobenzene

Concen: 2.939 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

ClientSampleId :

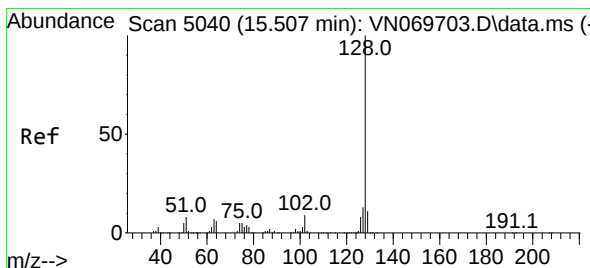
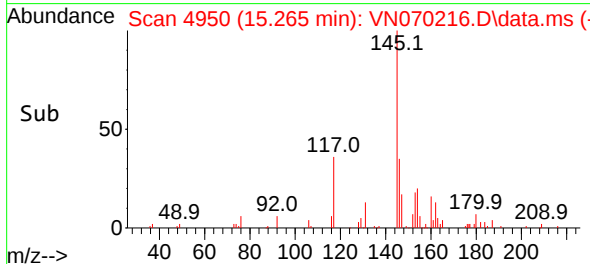
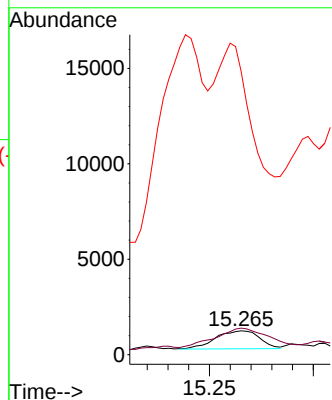
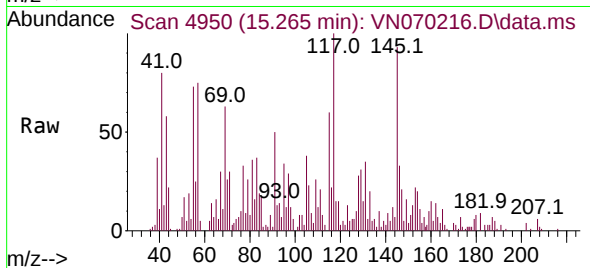
Tgt Ion:180 Resp: 1399

Ion Ratio Lower Upper

180 100

182 126.6 48.3 144.9

145 0.0 14.5 43.5#



#95

Naphthalene

Concen: 10.915 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.003 min

Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

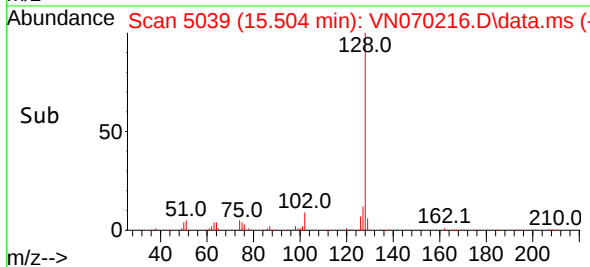
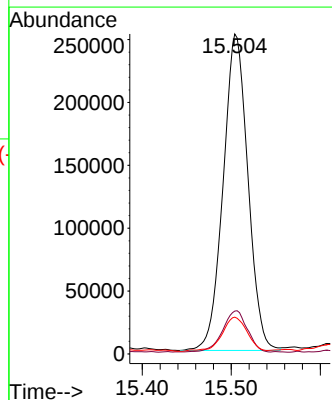
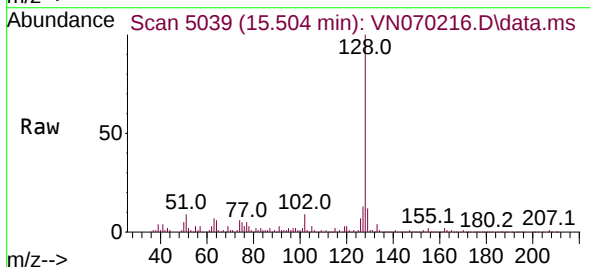
Tgt Ion:128 Resp: 486389

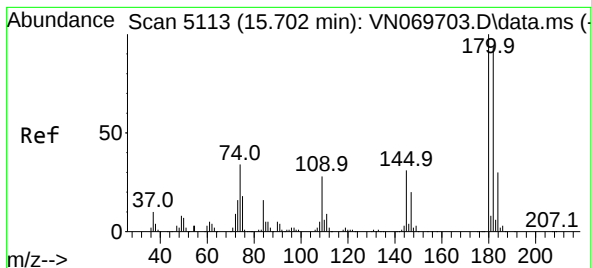
Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 10.9 8.7 13.1





#96

1,2,3-Trichlorobenzene

Concen: 2.475 ug/l

RT: 15.705 min Scan# 51

Delta R.T. 0.003 min

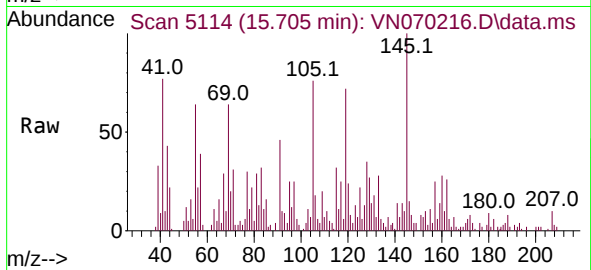
Lab File: VN070216.D

Acq: 18 Dec 2021 16:27

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:180 Resp: 876

Ion Ratio Lower Upper

180 100

182 203.8 47.4 142.2#

145 0.0 15.0 45.1#

