

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020322\
 Data File : VN070931.D
 Acq On : 3 Feb 2022 15:42
 Operator : JC/MD
 Sample : N1381-09 10X
 Misc : 12.06g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 04 04:43:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 02 15:30:39 2022
 Response via : Initial Calibration

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

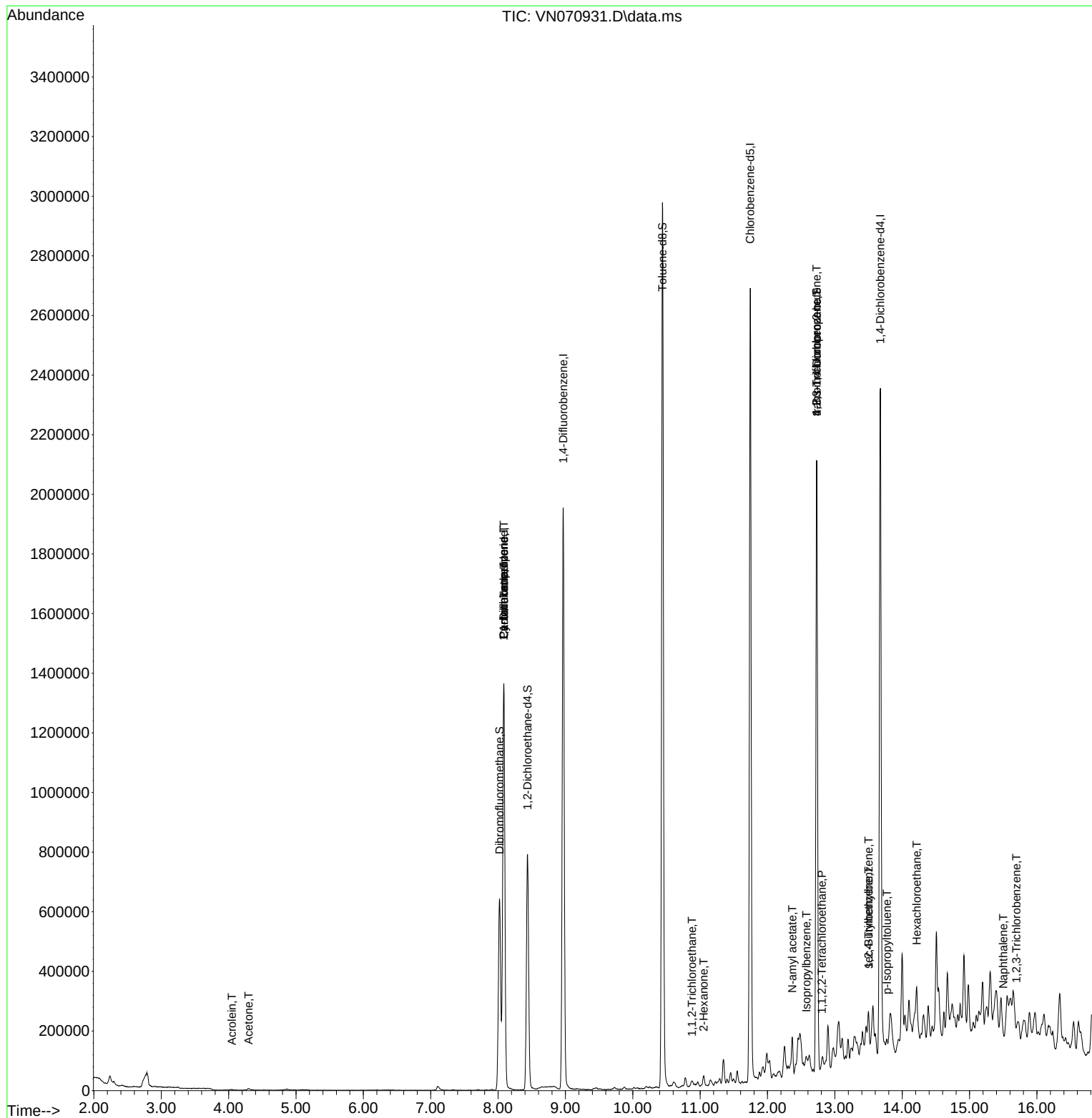
Internal Standards						
1) Pentafluorobenzene	8.086	168	1049893	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1670603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1530768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	622744	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	660462	46.474	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.940%
35) Dibromofluoromethane	8.021	113	479940	47.956	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.920%
50) Toluene-d8	10.440	98	2071569	50.414	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.731	95	744076	50.255	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.520%
Target Compounds						
					Qvalue	
13) Acrolein	4.049	56	1263	0.384	ug/l #	45
16) Acetone	4.296	43	6304	0.742	ug/l	97
18) Methyl Acetate	4.849	43	2213	Below Cal		92
31) Cyclohexane	8.086	56	22672	0.939	ug/l #	1
36) 1,1-Dichloropropene	8.083	75	84409	5.192	ug/l #	49
38) Carbon Tetrachloride	8.086	117	102500	6.903	ug/l #	16
55) 1,1,2-Trichloroethane	10.878	97	5729	0.477	ug/l #	19
59) 2-Hexanone	11.052	43	16336	1.009	ug/l #	28
73) Isopropylbenzene	12.578	105	20640	0.380	ug/l	98
74) N-amyl acetate	12.369	43	30936	1.271	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.809	83	4052	0.215	ug/l #	27
76) 1,2,3-Trichloropropane	12.731	75	386014	25.753	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	386014	69.806	ug/l #	5
84) 1,2,4-Trimethylbenzene	13.501	105	73431	1.705	ug/l #	31
85) sec-Butylbenzene	13.501	105	73431	1.366	ug/l	87
86) p-Isopropyltoluene	13.772	119	11120	0.262	ug/l	90
90) Hexachloroethane	14.217	117	6493	0.864	ug/l #	8
95) Naphthalene	15.501	128	6303	3.724	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.697	180	293	1.727	ug/l #	1

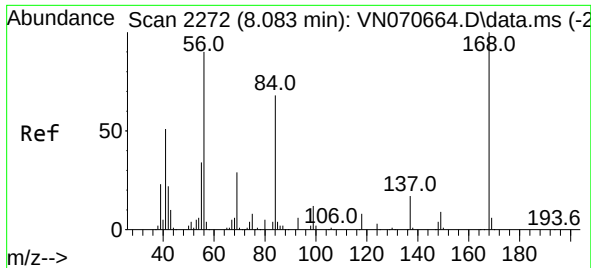
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

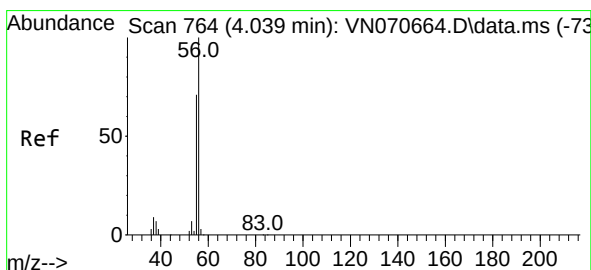
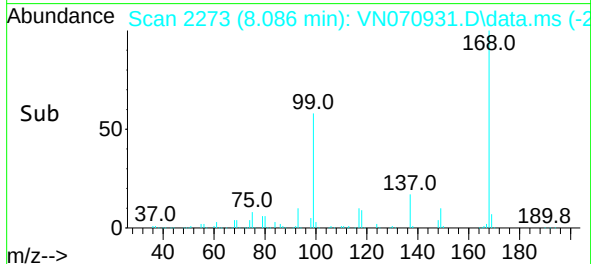
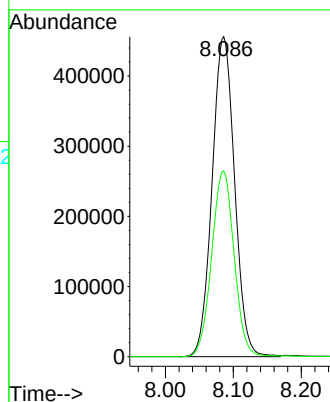
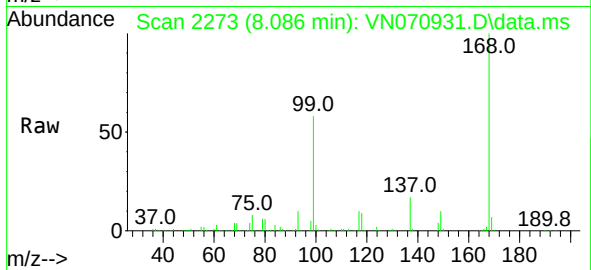




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

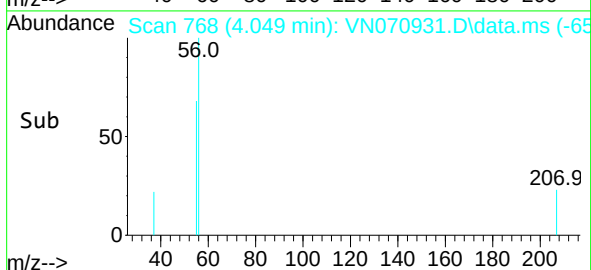
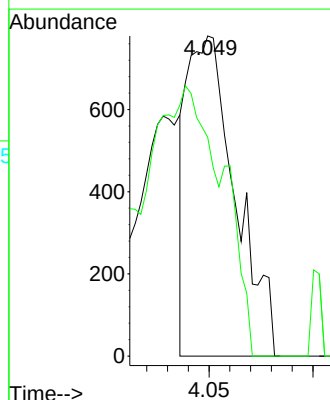
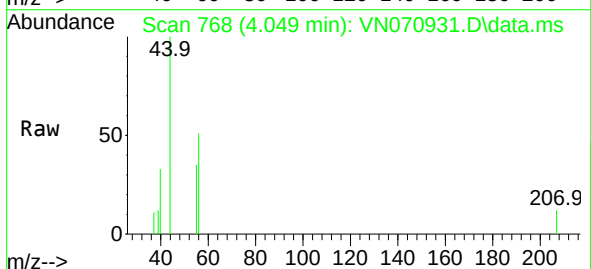
Instrument :
MSVOA_N
ClientSampleId :

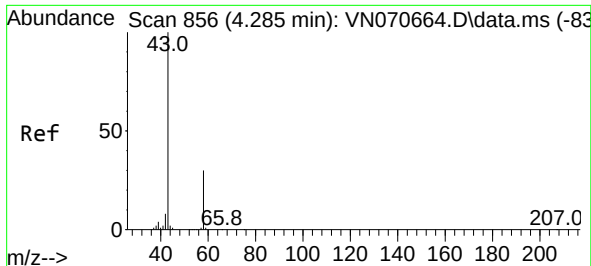
Tgt Ion:168 Resp: 1049893
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9



#13
Acrolein
Concen: 0.384 ug/l
RT: 4.049 min Scan# 768
Delta R.T. 0.010 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Tgt Ion: 56 Resp: 1263
Ion Ratio Lower Upper
56 100
55 116.4 56.6 85.0#

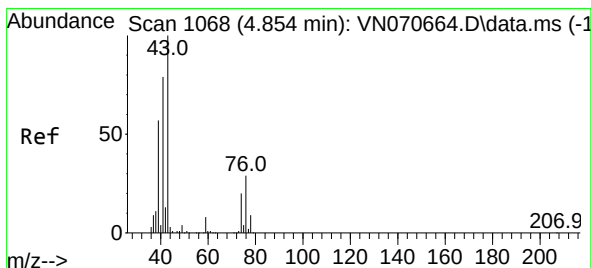
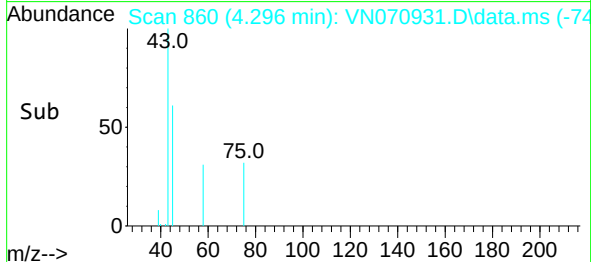
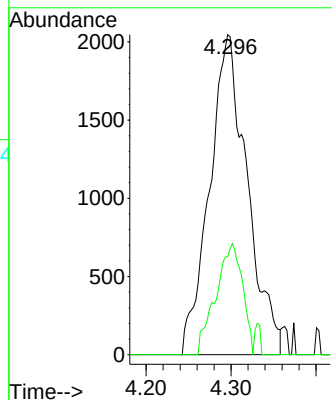
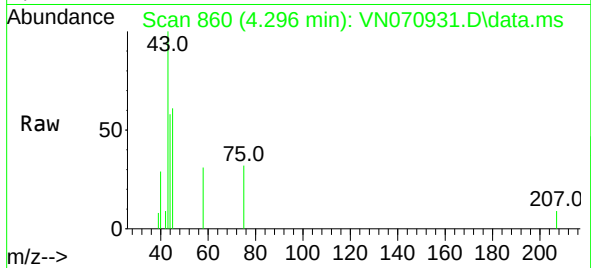




#16
Acetone
Concen: 0.742 ug/l
RT: 4.296 min Scan# 80
Delta R.T. 0.011 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

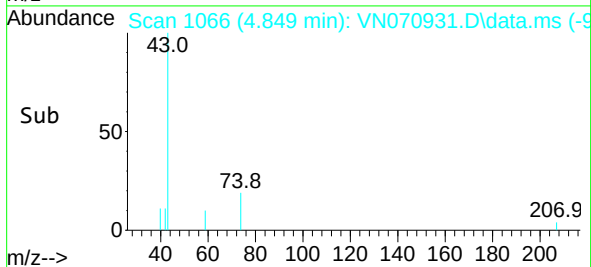
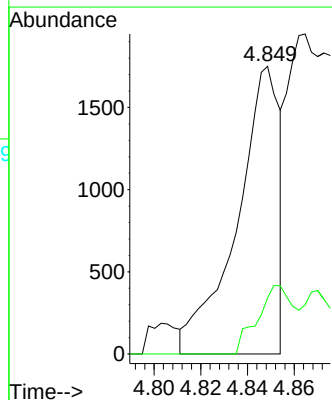
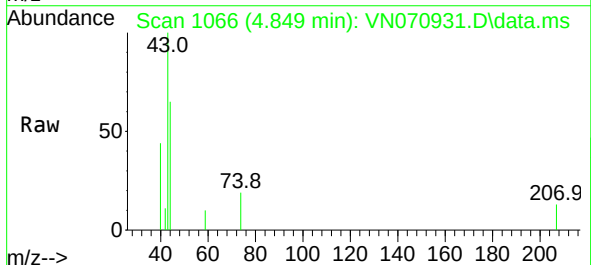
Instrument :
MSVOA_N
ClientSampleId :

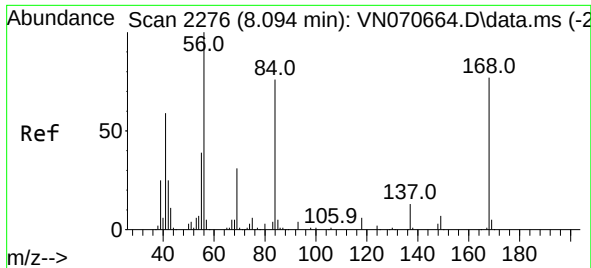
Tgt Ion: 43 Resp: 6304
Ion Ratio Lower Upper
43 100
58 30.5 23.1 34.7



#18
Methyl Acetate
Concen: Below Cal
RT: 4.849 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

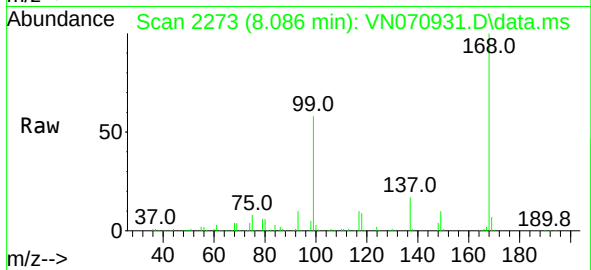
Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
74 20.4 19.4 29.2



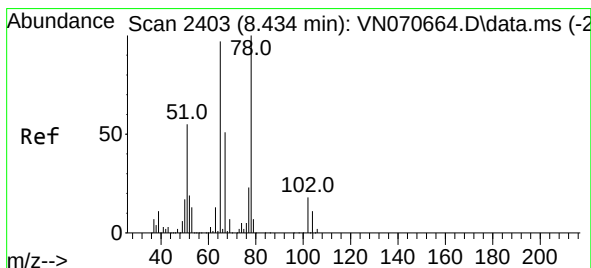
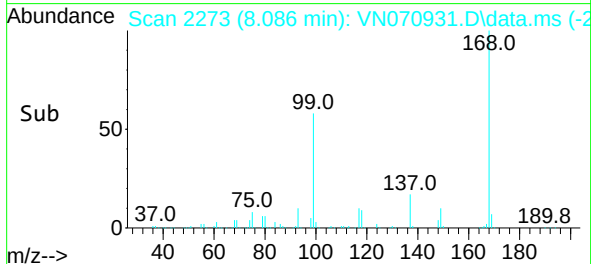
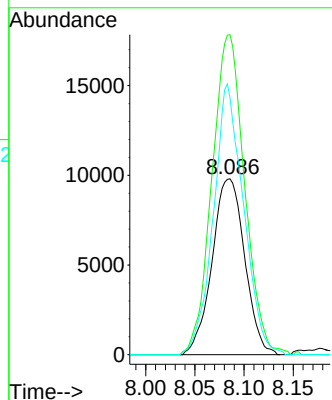


#31
Cyclohexane
Concen: 0.939 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.008 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Instrument :
MSVOA_N
ClientSampleId :

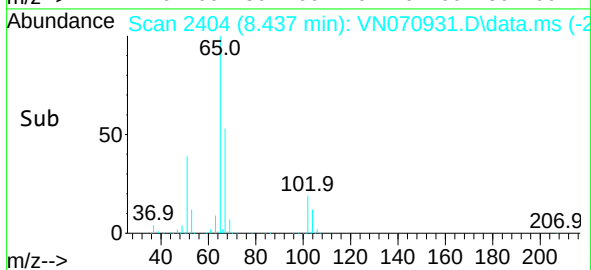
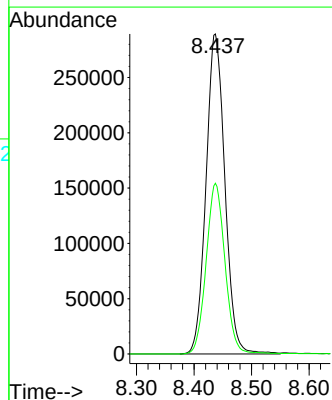
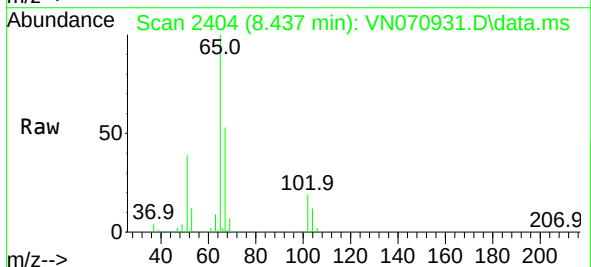


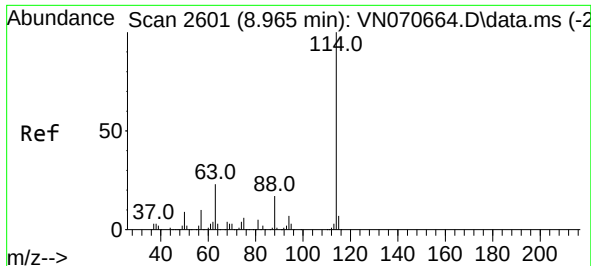
Tgt Ion: 56 Resp: 22672
Ion Ratio Lower Upper
56 100
69 182.0 27.1 40.7#
84 146.4 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 46.474 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

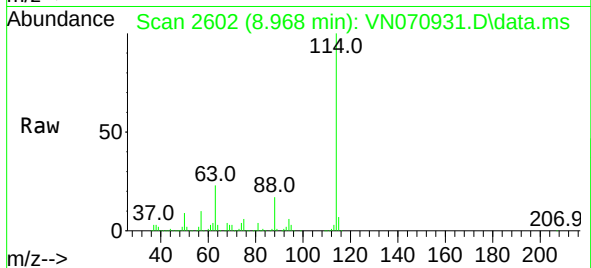
Tgt Ion: 65 Resp: 660462
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0



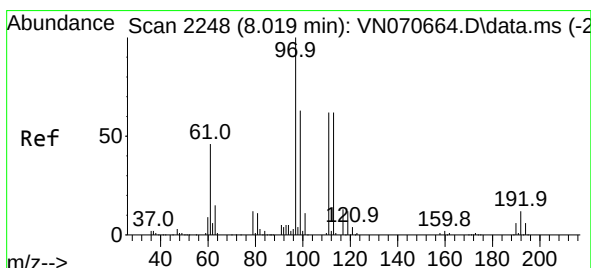
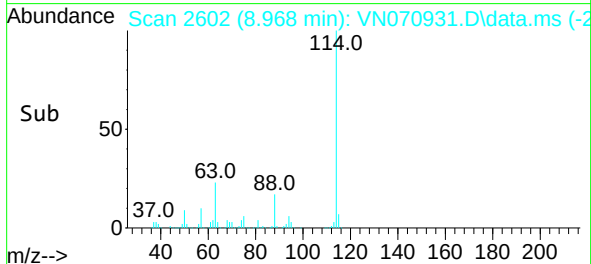
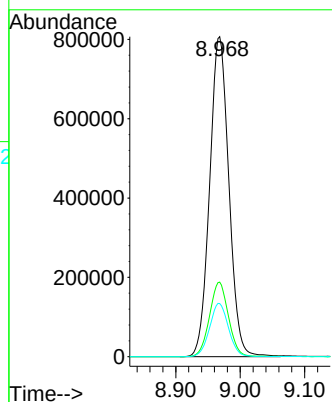


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Instrument :
MSVOA_N
ClientSampleId :

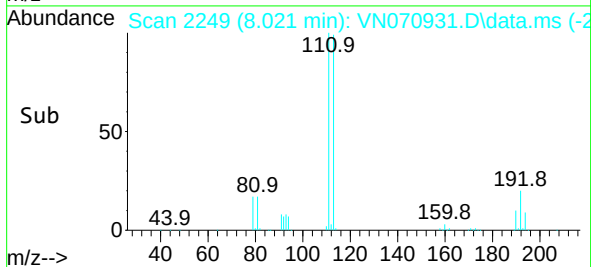
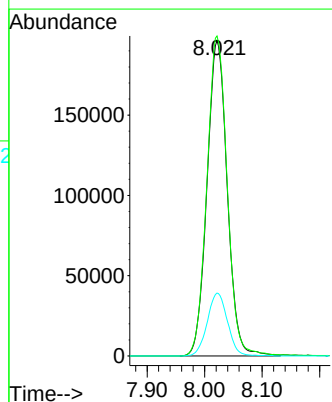
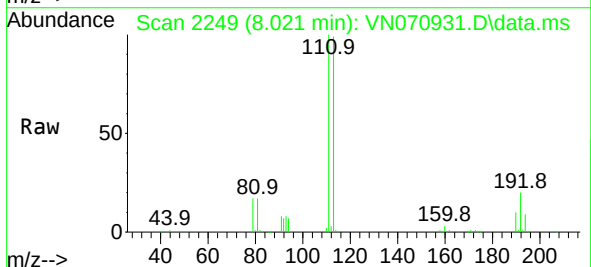


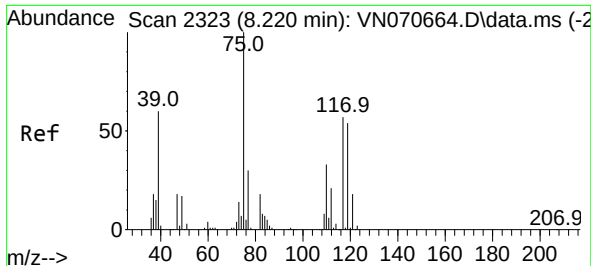
Tgt Ion:114 Resp: 1670603
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.6 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.956 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

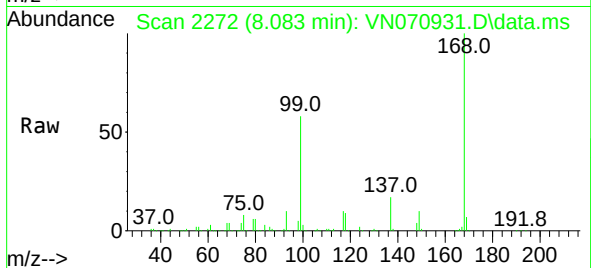
Tgt Ion:113 Resp: 479940
Ion Ratio Lower Upper
113 100
111 102.0 82.2 123.2
192 19.8 16.9 25.3



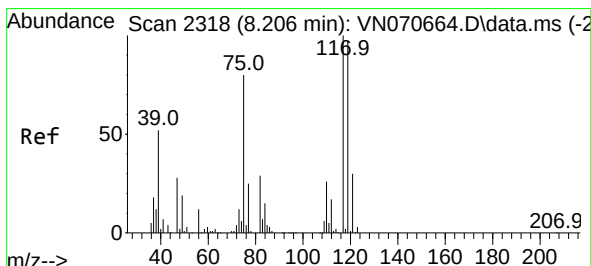
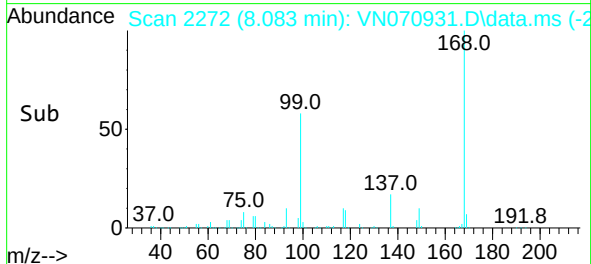
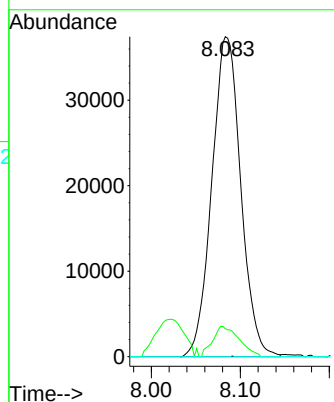


#36
1,1-Dichloropropene
Concen: 5.192 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Instrument :
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ClientSampleId :

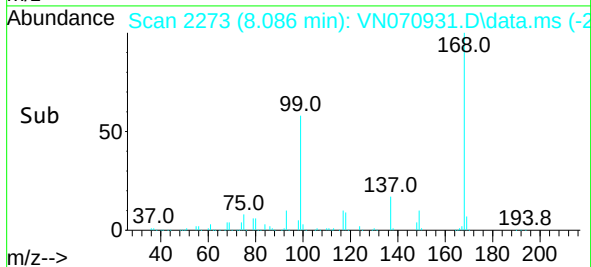
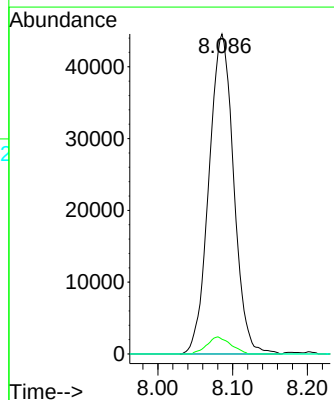
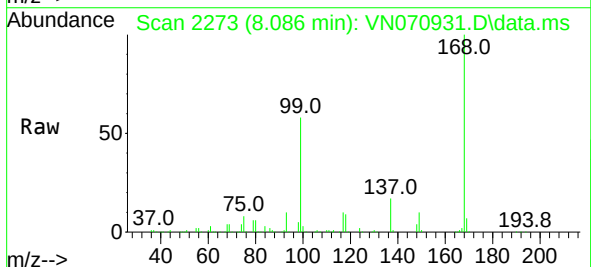


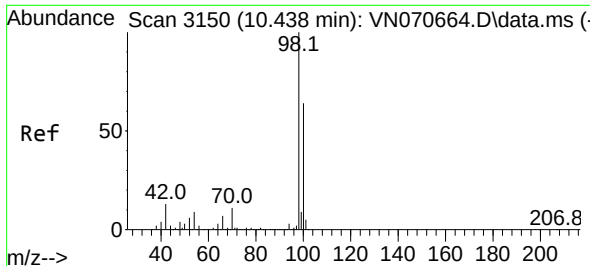
Tgt Ion: 75 Resp: 84409
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.903 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Tgt Ion: 117 Resp: 102500
Ion Ratio Lower Upper
117 100
119 4.6 76.1 114.1#
121 0.0 24.2 36.2#

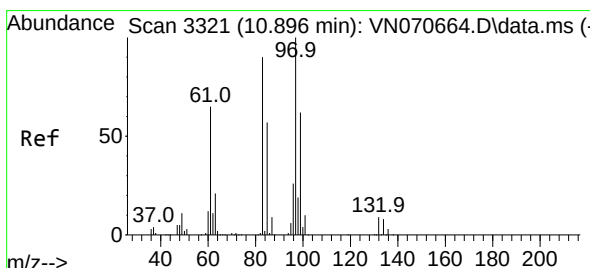
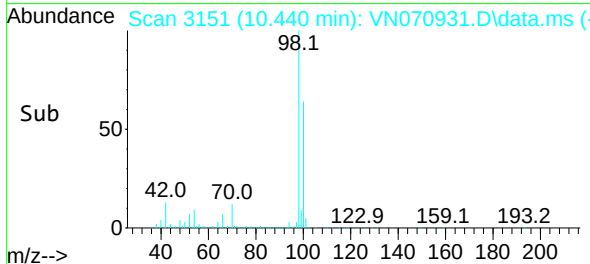
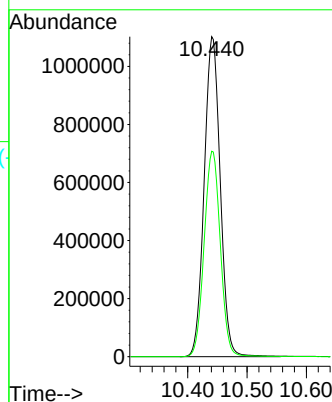
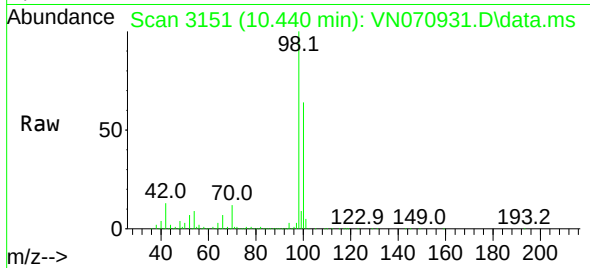




#50
Toluene-d8
Concen: 50.414 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.001 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

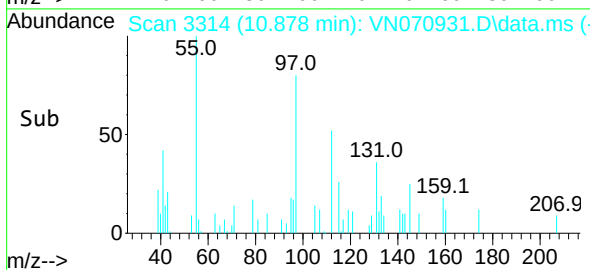
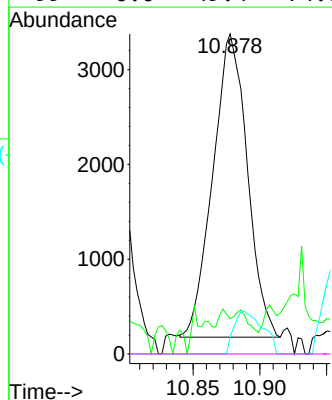
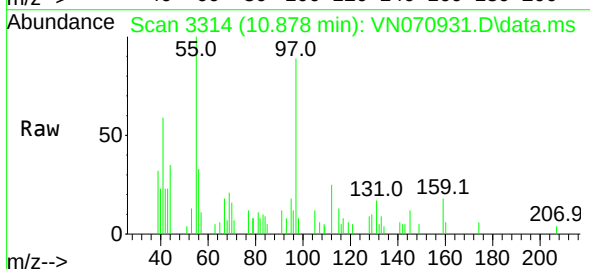
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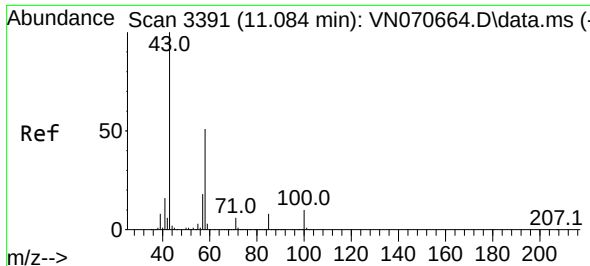
Tgt Ion: 98 Resp: 2071569
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6



#55
1,1,2-Trichloroethane
Concen: 0.477 ug/l
RT: 10.878 min Scan# 3314
Delta R.T. -0.018 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Tgt Ion: 97 Resp: 5729
Ion Ratio Lower Upper
97 100
83 3.8 67.8 101.6#
85 5.6 45.4 68.2#
99 0.0 49.4 74.0#

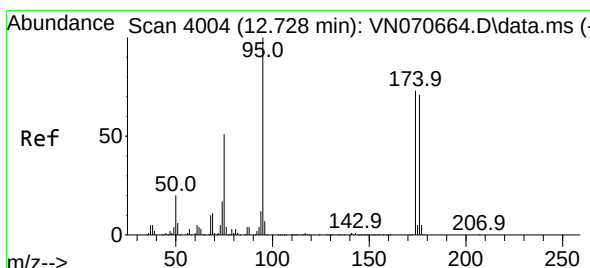
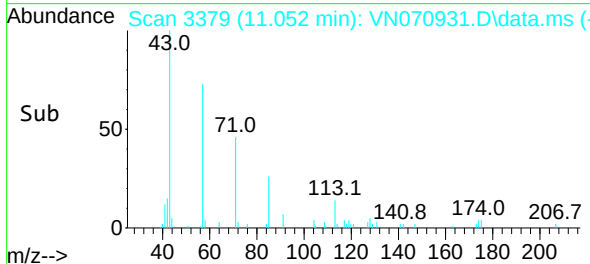
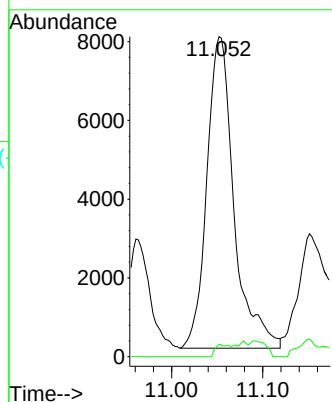
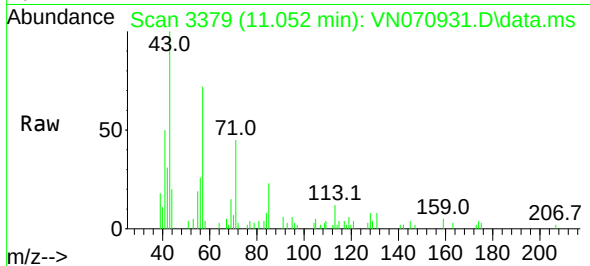




#59
2-Hexanone
Concen: 1.009 ug/l
RT: 11.052 min Scan# 31
Delta R.T. -0.032 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

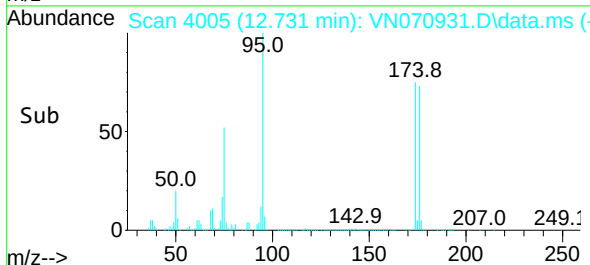
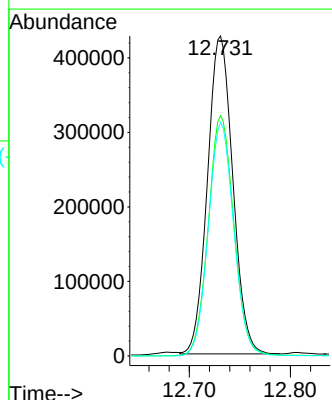
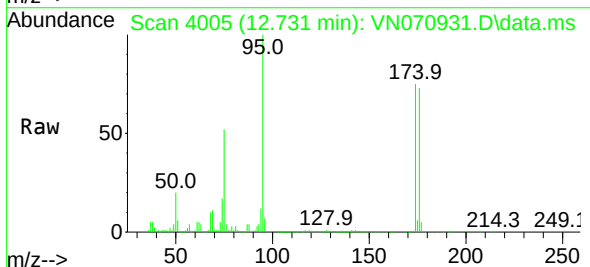
Instrument :
MSVOA_N
ClientSampleId :

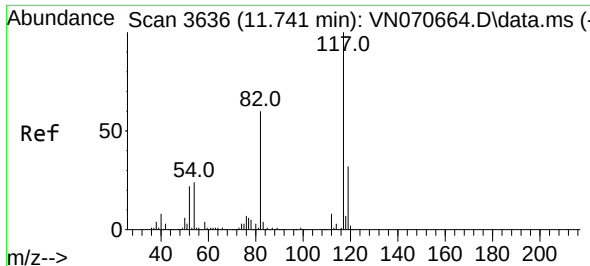
Tgt Ion: 43 Resp: 16336
Ion Ratio Lower Upper
43 100
58 2.1 26.9 80.7#



#62
4-Bromofluorobenzene
Concen: 50.255 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

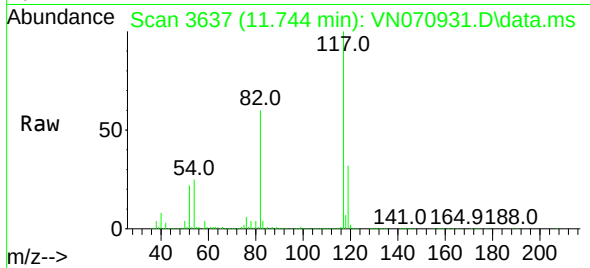
Tgt Ion: 95 Resp: 744076
Ion Ratio Lower Upper
95 100
174 76.4 0.0 187.2
176 73.9 0.0 181.4



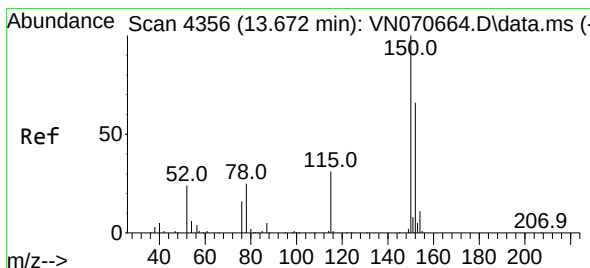
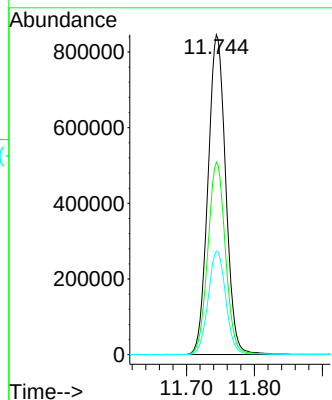
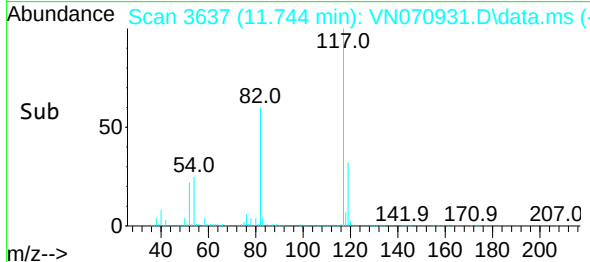


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

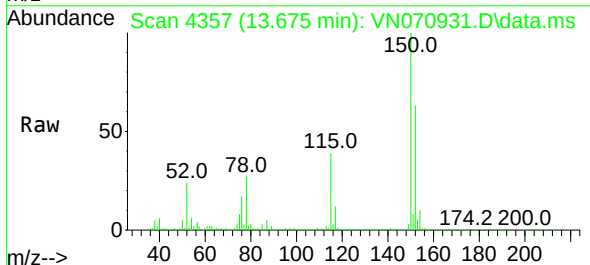
Instrument :
MSVOA_N
ClientSampleId :



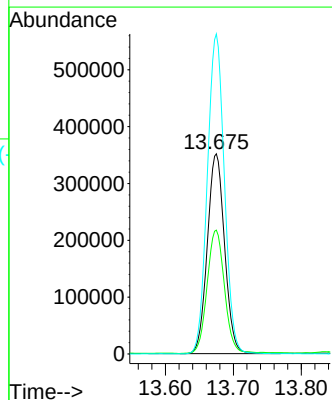
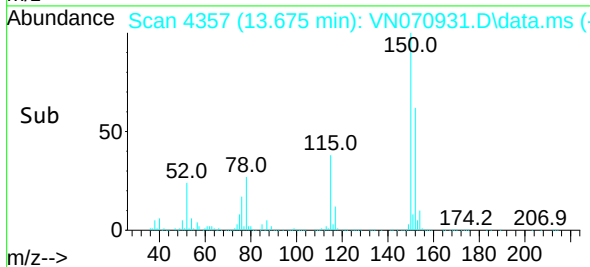
Tgt Ion:117 Resp: 1530768
Ion Ratio Lower Upper
117 100
82 60.1 42.4 63.6
119 32.3 25.4 38.2

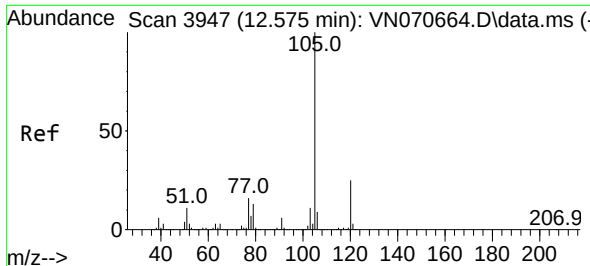


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42



Tgt Ion:152 Resp: 622744
Ion Ratio Lower Upper
152 100
115 61.9 27.5 82.5
150 157.5 0.0 344.4

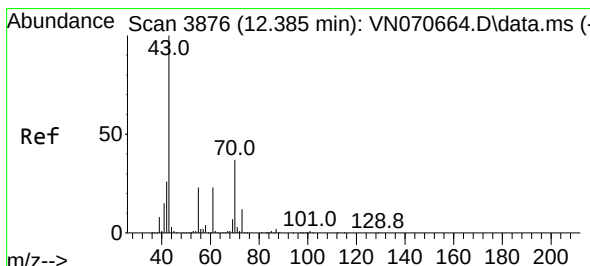
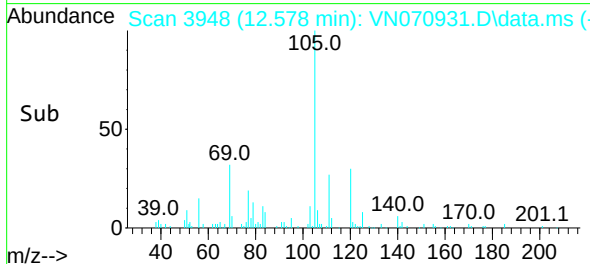
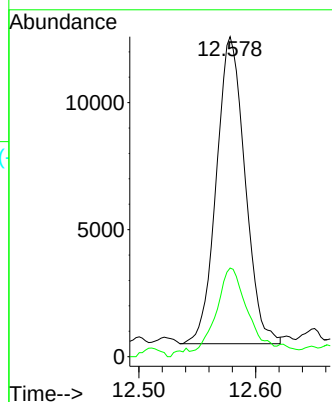
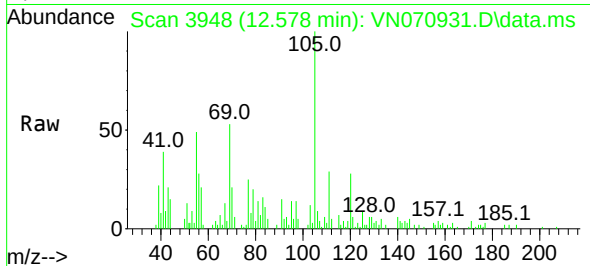




#73
Isopropylbenzene
Concen: 0.380 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

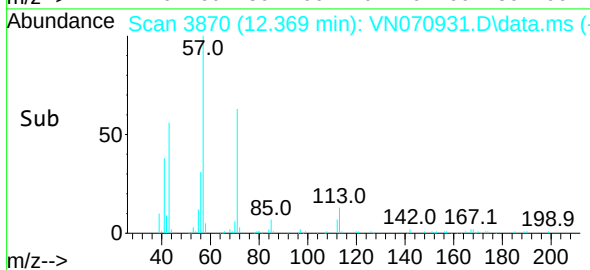
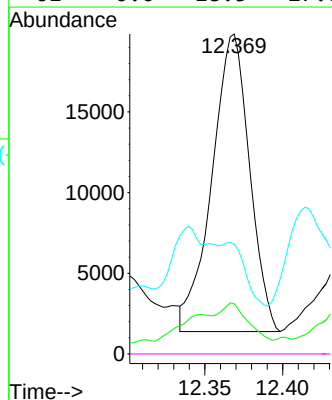
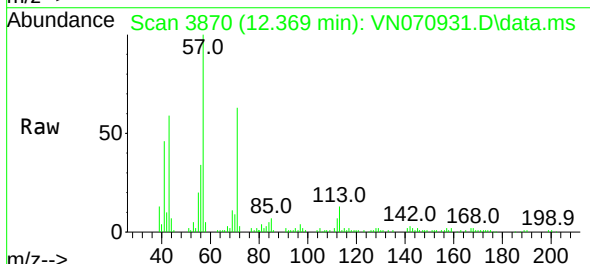
Instrument :
MSVOA_N
ClientSampleId :

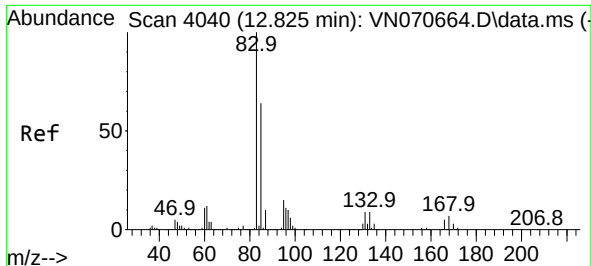
Tgt Ion:105 Resp: 20640
Ion Ratio Lower Upper
105 100
120 27.6 13.4 40.1



#74
N-ethyl acetate
Concen: 1.271 ug/l
RT: 12.369 min Scan# 3870
Delta R.T. -0.019 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Tgt Ion: 43 Resp: 30936
Ion Ratio Lower Upper
43 100
70 8.2 33.4 50.0#
55 0.0 19.3 28.9#
61 0.0 18.5 27.7#

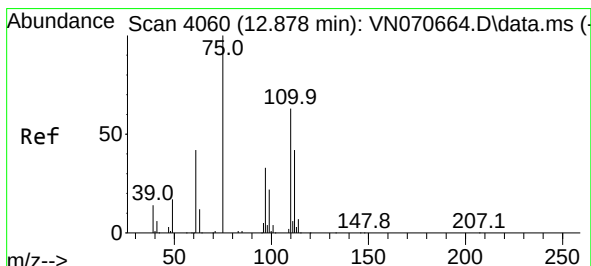
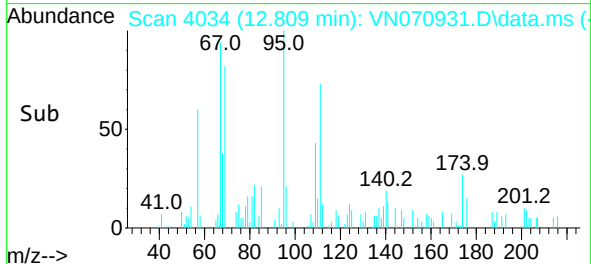
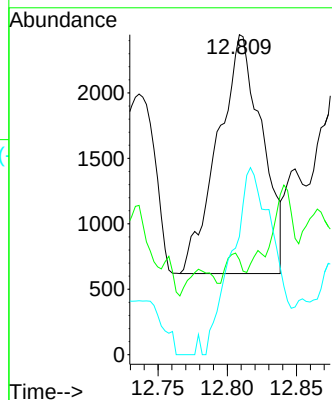
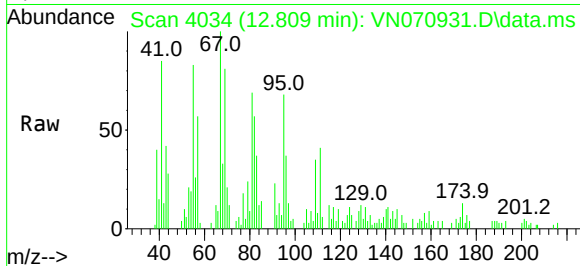




#75
1,1,2,2-Tetrachloroethane
Concen: 0.215 ug/l
RT: 12.809 min Scan# 4052
Delta R.T. -0.016 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

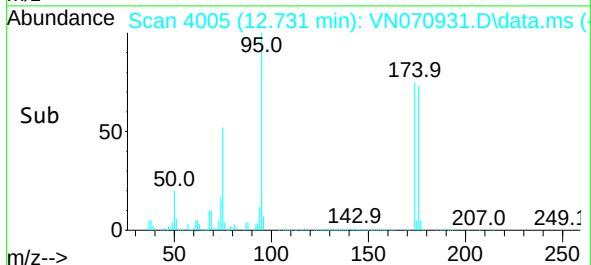
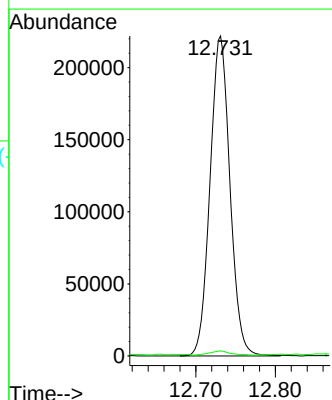
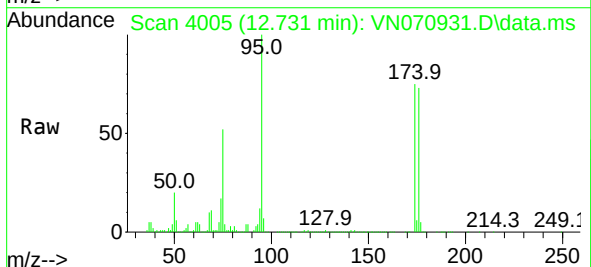
Instrument :
MSVOA_N
ClientSampleId :

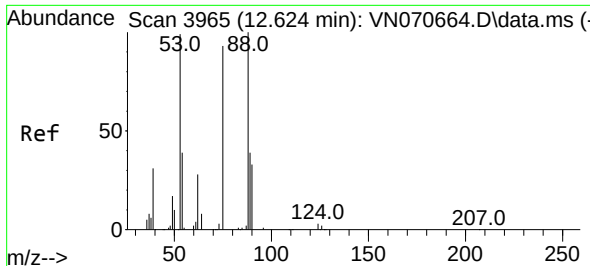
Tgt Ion: 83 Resp: 4052
Ion Ratio Lower Upper
83 100
131 4.4 5.5 16.5#
85 0.0 32.4 97.2#



#76
1,2,3-Trichloropropane
Concen: 25.753 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Tgt Ion: 75 Resp: 386014
Ion Ratio Lower Upper
75 100
77 1.2 82.6 247.8#

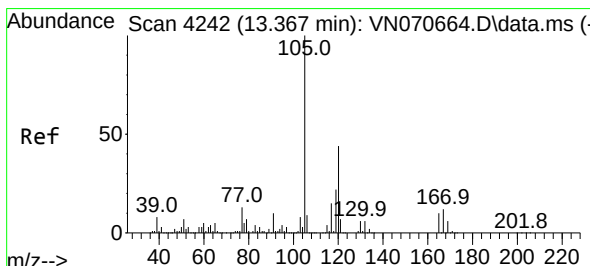
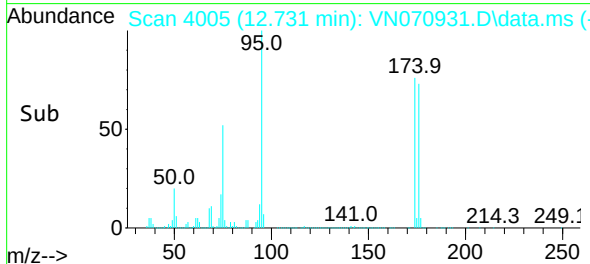
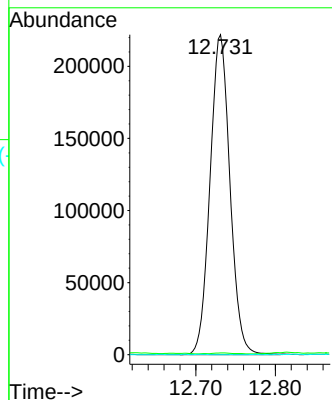
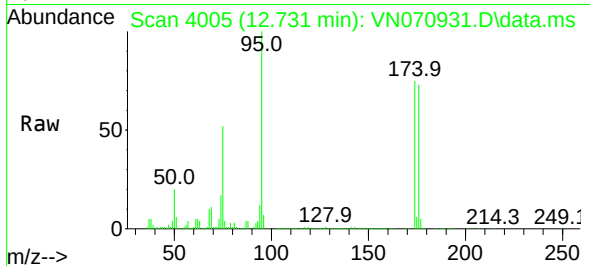




#81
trans-1,4-Dichloro-2-butene
Concen: 69.806 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

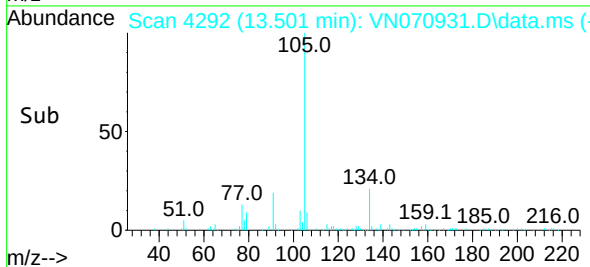
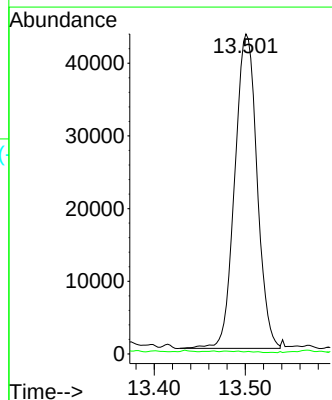
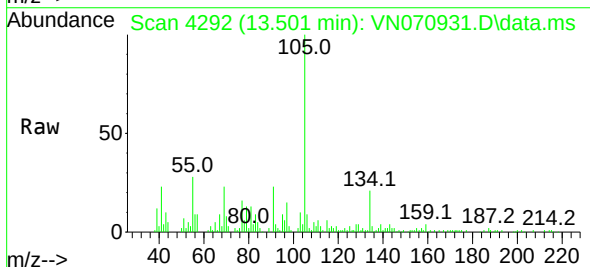
Instrument :
MSVOA_N
ClientSampleId :

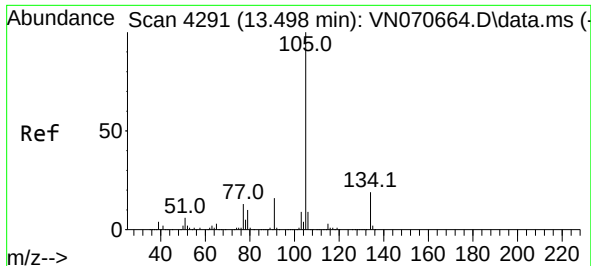
Tgt Ion: 75 Resp: 386014
Ion Ratio Lower Upper
75 100
53 0.2 90.5 135.7#
89 0.0 38.2 57.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.705 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. 0.134 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

Tgt Ion:105 Resp: 73431
Ion Ratio Lower Upper
105 100
120 0.0 22.8 68.4#

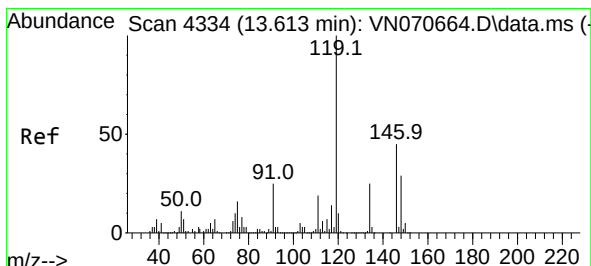
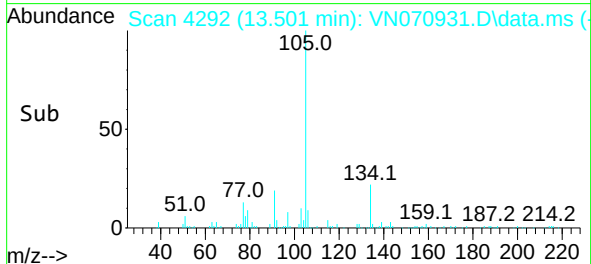
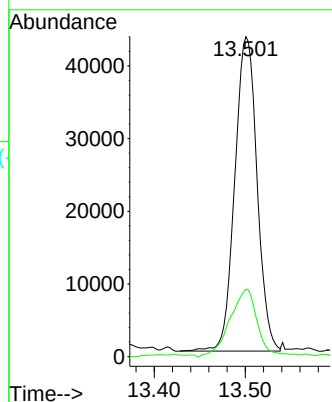
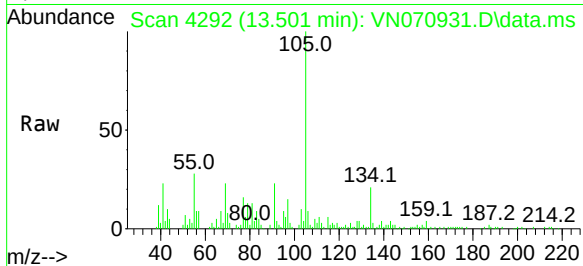




#85
 sec-Butylbenzene
 Concen: 1.366 ug/l
 RT: 13.501 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN070931.D
 Acq: 3 Feb 2022 15:42

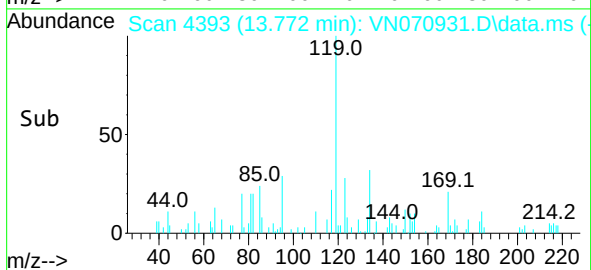
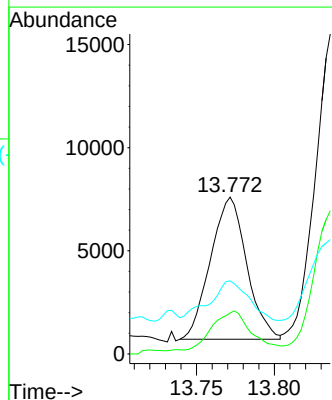
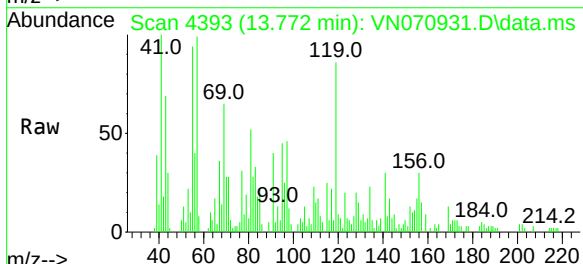
Instrument :
 MSVOA_N
 ClientSampleId :

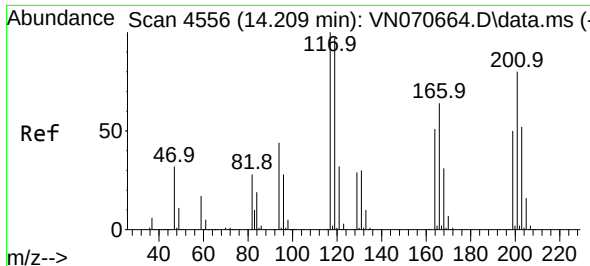
Tgt Ion:105 Resp: 73431
 Ion Ratio Lower Upper
 105 100
 134 26.7 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.262 ug/l
 RT: 13.772 min Scan# 4393
 Delta R.T. 0.159 min
 Lab File: VN070931.D
 Acq: 3 Feb 2022 15:42

Tgt Ion:119 Resp: 11120
 Ion Ratio Lower Upper
 119 100
 134 30.1 13.6 40.7
 91 29.6 11.4 34.1

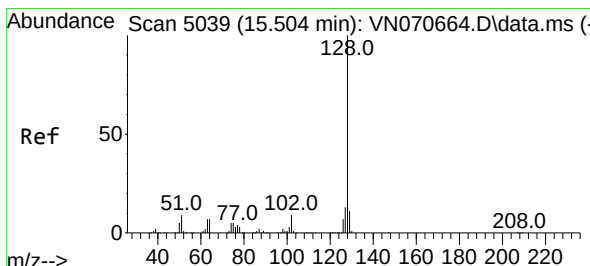
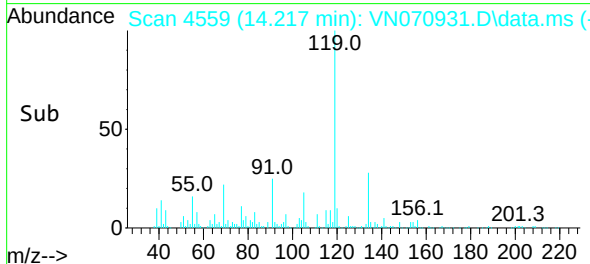
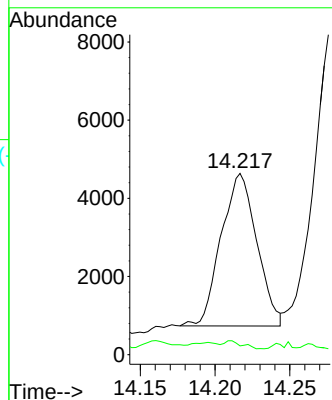
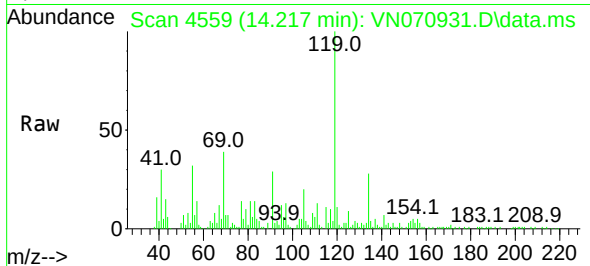




#90
Hexachloroethane
Concen: 0.864 ug/l
RT: 14.217 min Scan# 4559
Delta R.T. 0.008 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

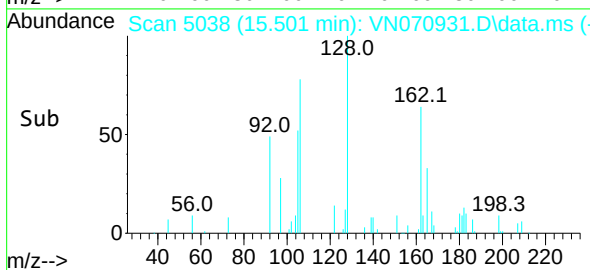
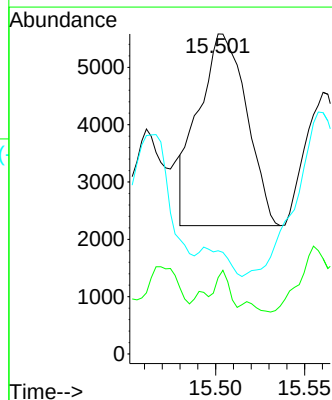
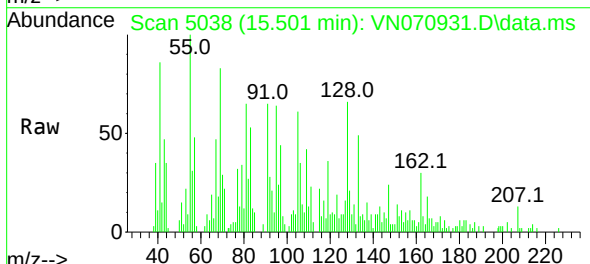
Instrument :
MSVOA_N
ClientSampleId :

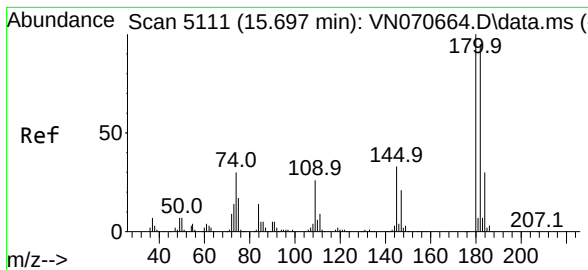
Tgt Ion:117 Resp: 6493
Ion Ratio Lower Upper
117 100
201 2.5 43.9 131.6#



#95
Naphthalene
Concen: 3.724 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070931.D
Acq: 3 Feb 2022 15:42

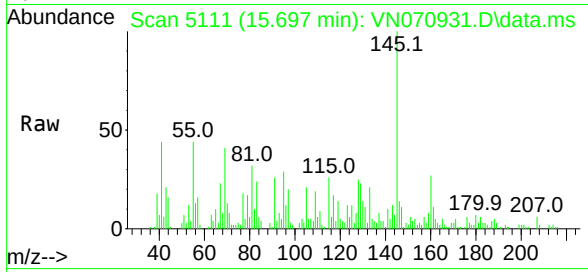
Tgt Ion:128 Resp: 6303
Ion Ratio Lower Upper
128 100
127 7.3 10.5 15.7#
129 8.3 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.727 ug/l
 RT: 15.697 min Scan# 5111
 Delta R.T. -0.003 min
 Lab File: VN070931.D
 Acq: 3 Feb 2022 15:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 293
 Ion Ratio Lower Upper
 180 100
 182 362.8 47.4 142.2#
 145 0.0 15.0 45.1#

