

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070501.D
 Acq On : 5 Jan 2022 20:10
 Operator : JC/MD
 Sample : N1015-02 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 06 13:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

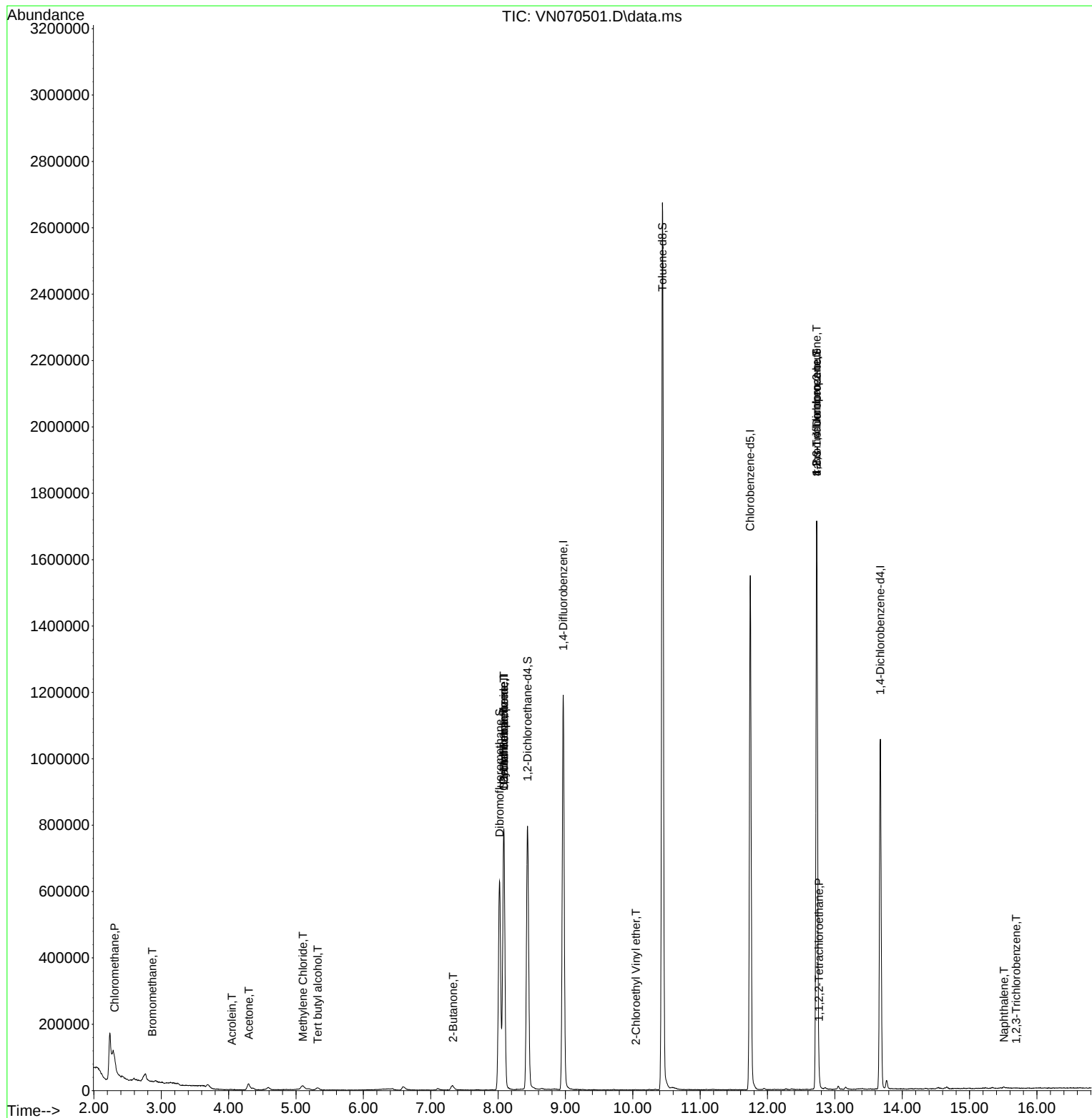
Internal Standards						
1) Pentafluorobenzene	8.086	168	609570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1022880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	909228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	292848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	663687	75.725	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 151.440%#		
35) Dibromofluoromethane	8.021	113	468677	75.728	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 151.460%#		
50) Toluene-d8	10.440	98	1866961	73.844	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 147.680%#		
62) 4-Bromofluorobenzene	12.731	95	635994	69.648	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 139.300%#		
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4093	0.435	ug/l #	87
5) Bromomethane	2.867	94	1225	0.277	ug/l #	16
11) Tert butyl alcohol	5.321	59	6220	4.262	ug/l #	71
13) Acrolein	4.047	56	613	0.518	ug/l	85
16) Acetone	4.299	43	27649	4.860	ug/l	93
20) Methylene Chloride	5.103	84	7337	0.932	ug/l	91
25) 2-Butanone	7.332	43	1441	0.201	ug/l	100
31) Cyclohexane	8.083	56	13485	0.975	ug/l #	10
36) 1,1-Dichloropropene	8.088	75	49670	4.851	ug/l #	49
38) Carbon Tetrachloride	8.088	117	58795	6.014	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.046	63	145	18.555	ug/l #	45
75) 1,1,2,2-Tetrachloroethane	12.766	83	25	0.450	ug/l #	25
76) 1,2,3-Trichloropropane	12.731	75	326282	38.311	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.731	75	326282	136.126	ug/l #	5
95) Naphthalene	15.509	128	3803	2.072	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.692	180	54	0.838	ug/l #	12

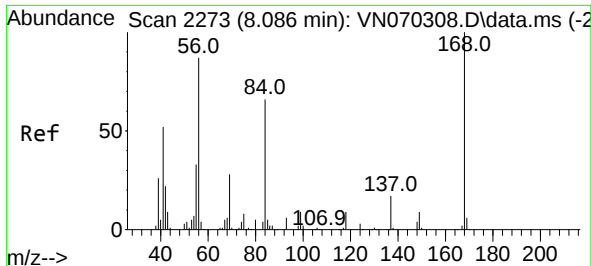
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_N
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Quant Time: Jan 06 13:27:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

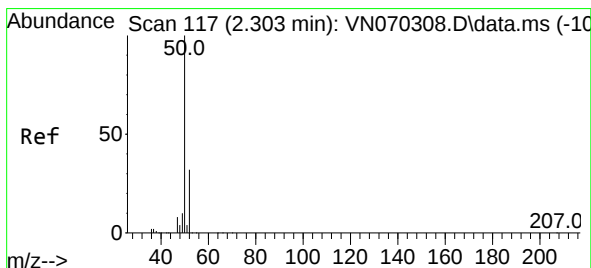
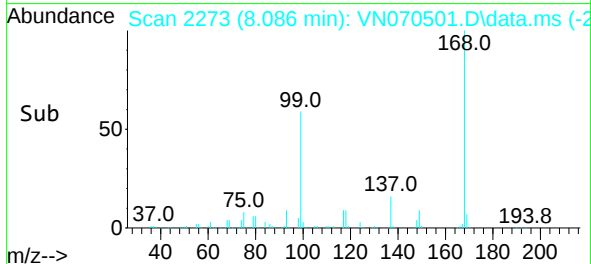
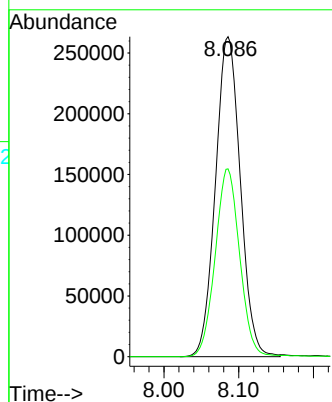
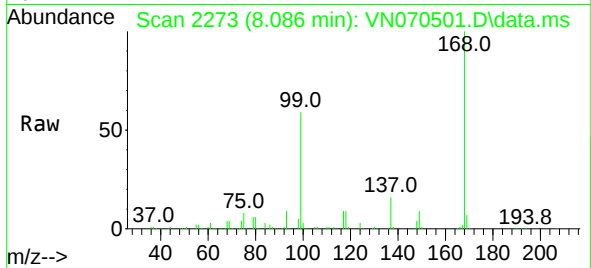




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

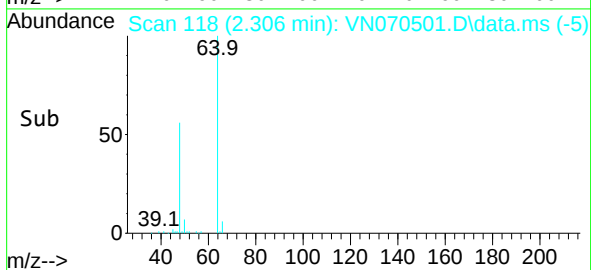
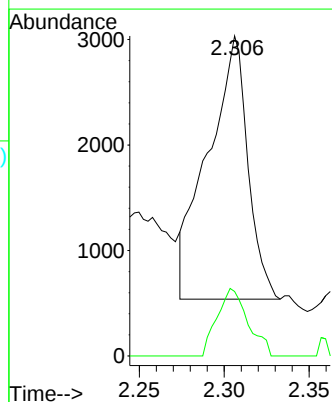
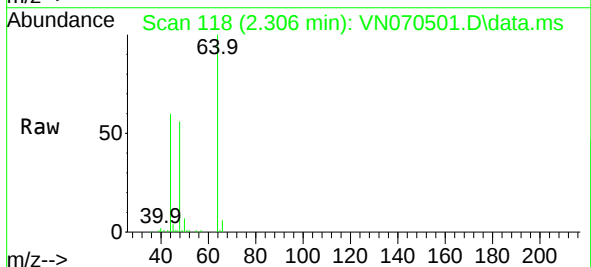
Instrument :
MSVOA_N
ClientSampleId :

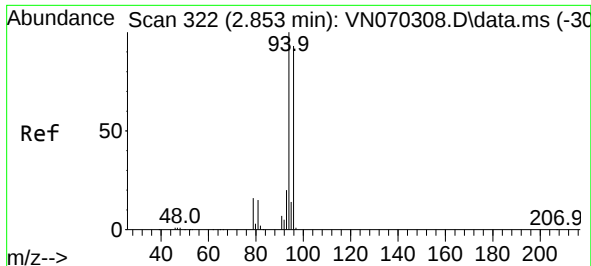
Tgt Ion:168 Resp: 609570
Ion Ratio Lower Upper
168 100
99 58.7 41.3 61.9



#3
Chloromethane
Concen: 0.435 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Tgt Ion: 50 Resp: 4093
Ion Ratio Lower Upper
50 100
52 24.5 25.4 38.0#

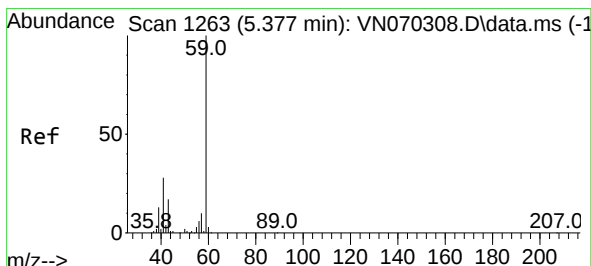
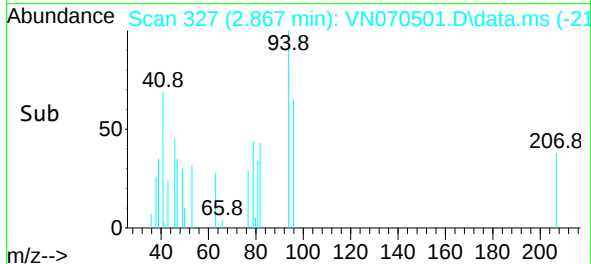
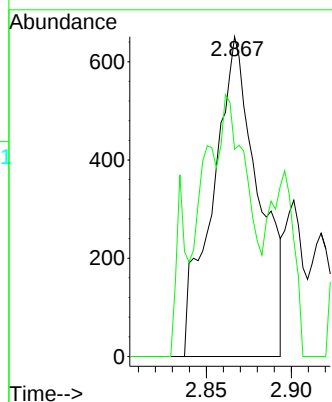
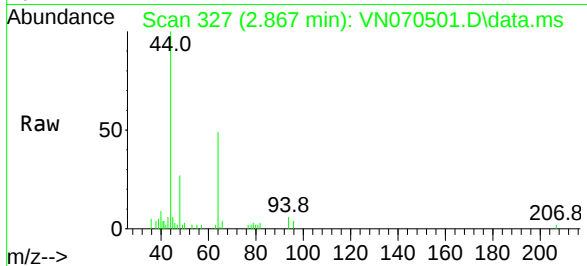




#5
Bromomethane
Concen: 0.277 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.014 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

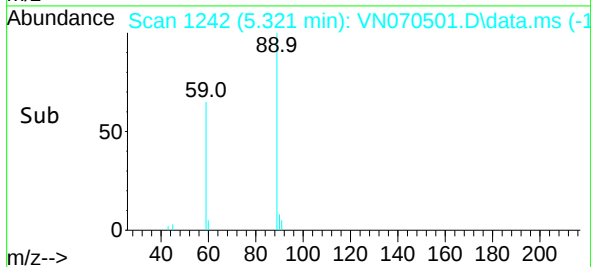
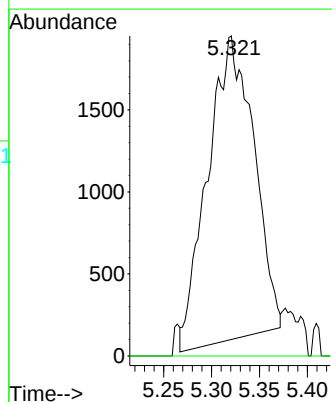
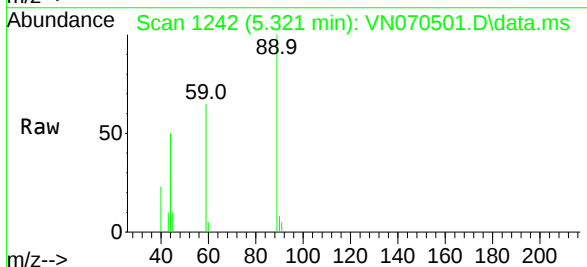
Instrument :
MSVOA_N
ClientSampleId :

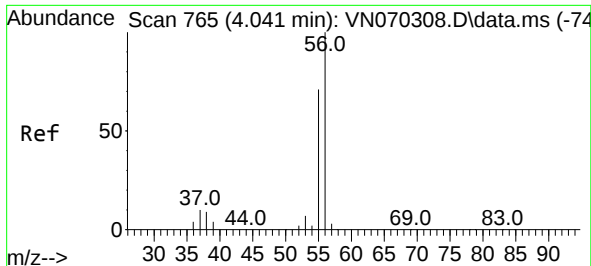
Tgt Ion: 94 Resp: 1225
Ion Ratio Lower Upper
94 100
96 11.7 73.8 110.8#



#11
Tert butyl alcohol
Concen: 4.262 ug/l
RT: 5.321 min Scan# 1242
Delta R.T. -0.056 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

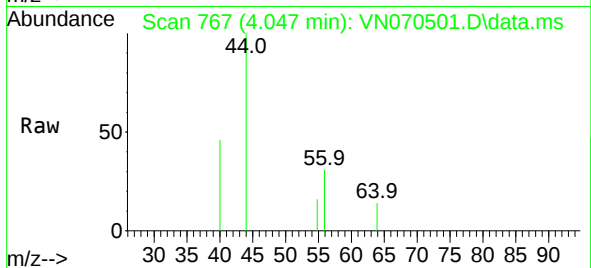
Tgt Ion: 59 Resp: 6220
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



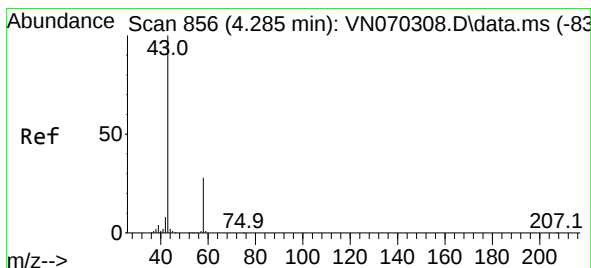
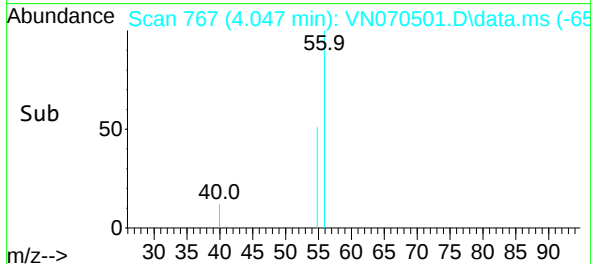
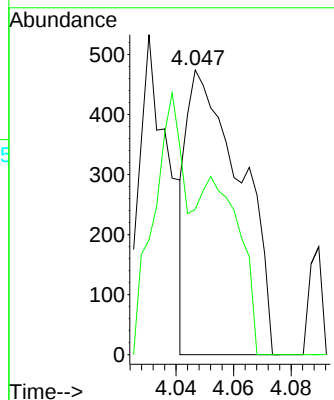


#13
Acrolein
Concen: 0.518 ug/l
RT: 4.047 min Scan# 765
Delta R.T. 0.006 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Instrument :
MSVOA_N
ClientSampleId :

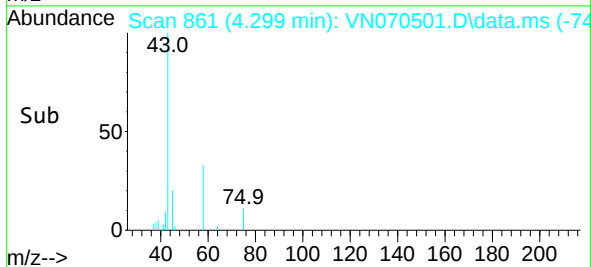
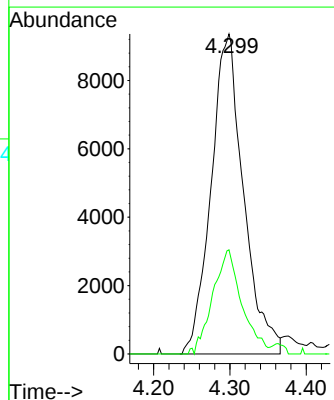
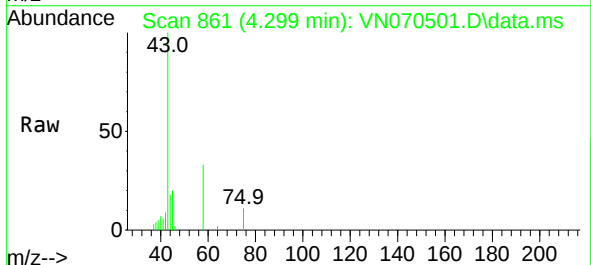


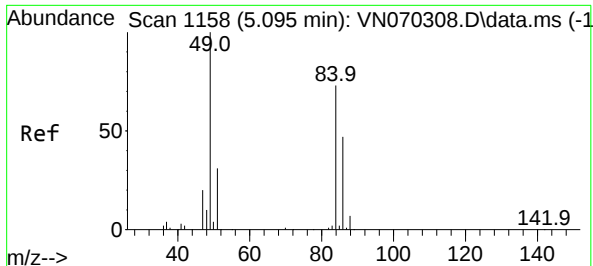
Tgt Ion: 56 Resp: 613
Ion Ratio Lower Upper
56 100
55 58.6 56.6 85.0



#16
Acetone
Concen: 4.860 ug/l
RT: 4.299 min Scan# 861
Delta R.T. 0.014 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

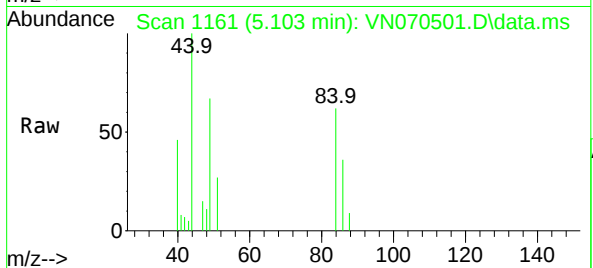
Tgt Ion: 43 Resp: 27649
Ion Ratio Lower Upper
43 100
58 32.6 23.1 34.7



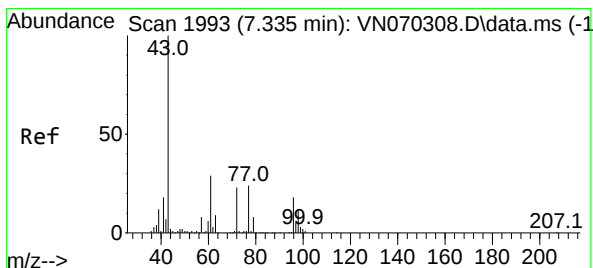
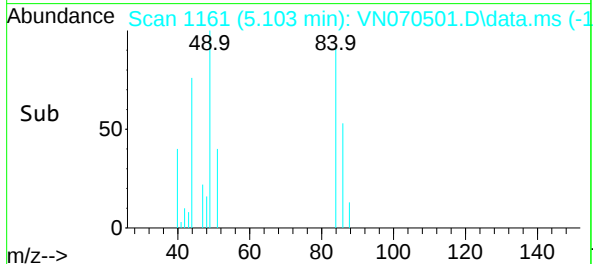
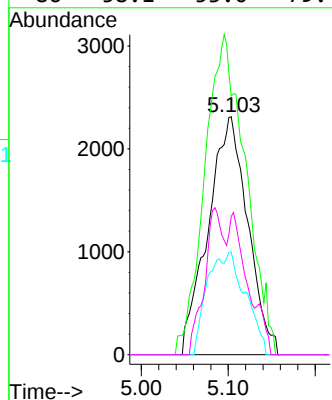


#20
Methylene Chloride
Concen: 0.932 ug/l
RT: 5.103 min Scan# 1158
Delta R.T. 0.008 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Instrument :
MSVOA_N
ClientSampleId :

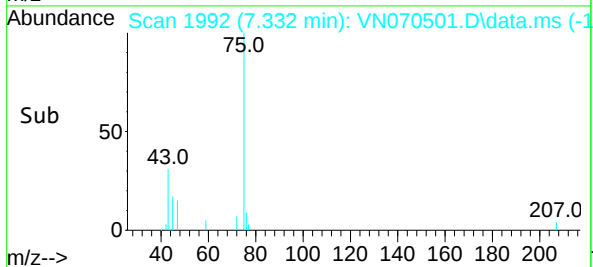
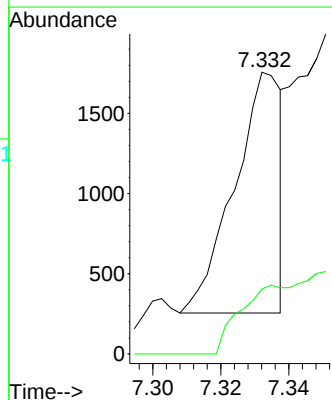
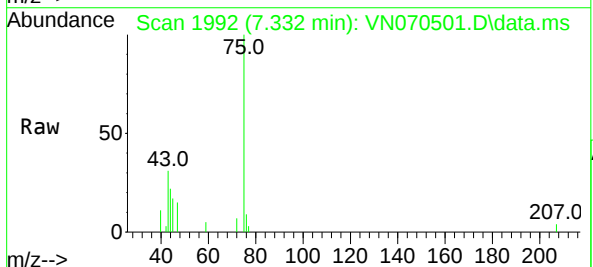


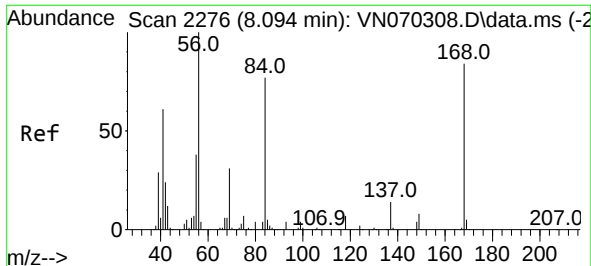
Tgt Ion:	84	Resp:	7337
Ion	Ratio	Lower	Upper
84	100		
49	108.7	93.5	140.3
51	43.1	29.4	44.2
86	58.1	53.0	79.4



#25
2-Butanone
Concen: 0.201 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.003 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

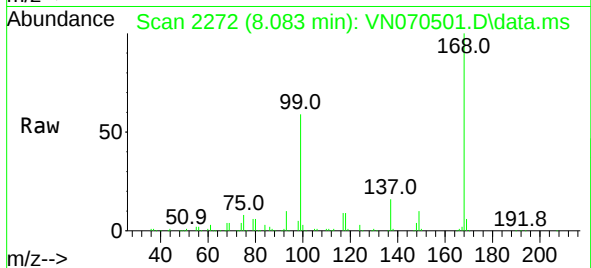
Tgt Ion:	43	Resp:	1441
Ion	Ratio	Lower	Upper
43	100		
72	27.0	21.7	32.5



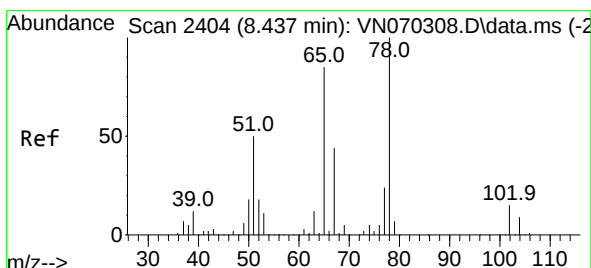
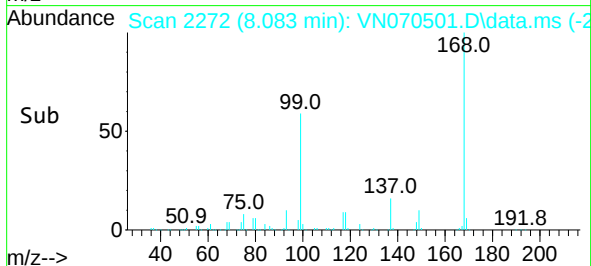
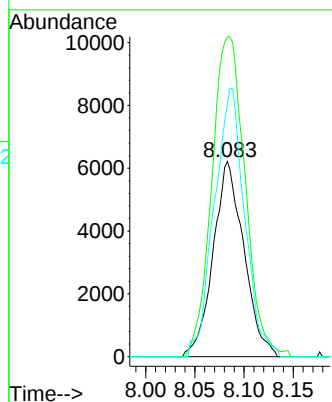


#31
Cyclohexane
Concen: 0.975 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Instrument :
MSVOA_N
ClientSampleId :

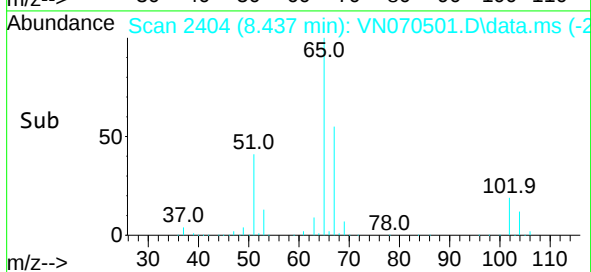
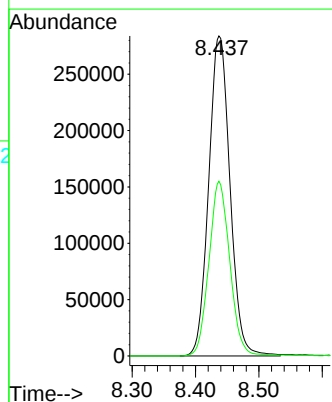
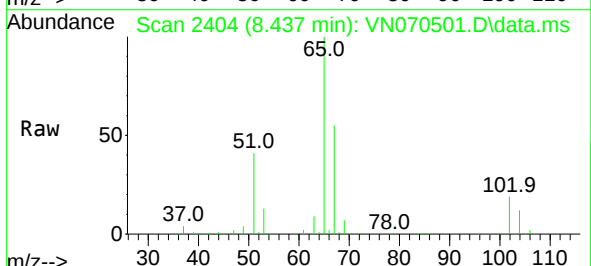


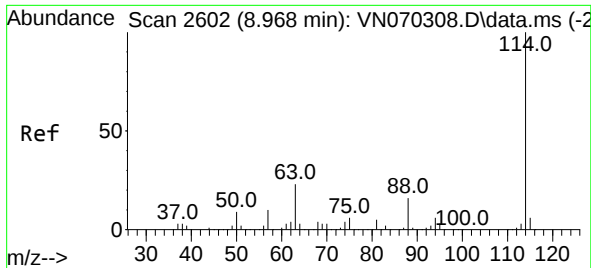
Tgt Ion: 56 Resp: 13485
Ion Ratio Lower Upper
56 100
69 164.0 27.1 40.7#
84 129.3 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 75.725 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Tgt Ion: 65 Resp: 663687
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0

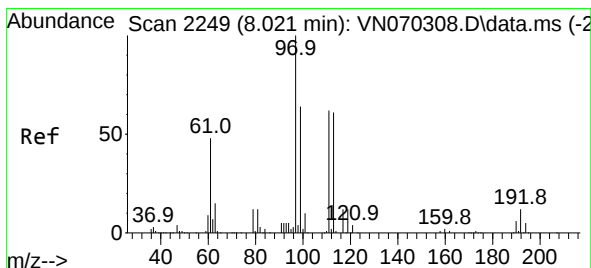
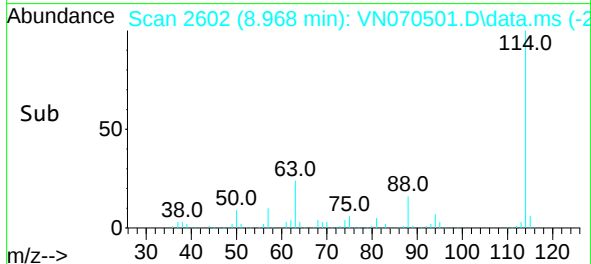
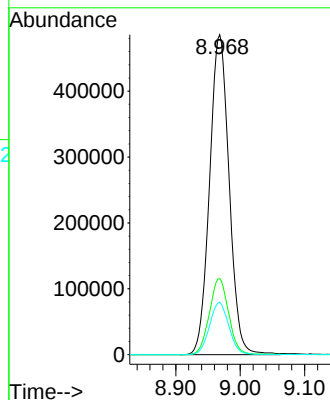
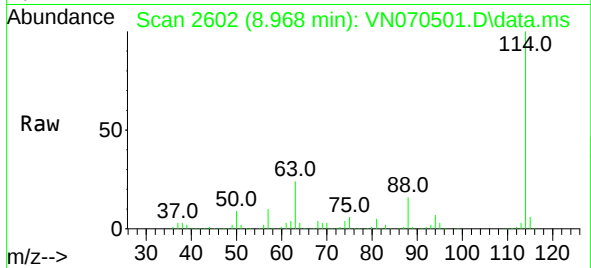




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. 0.000 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

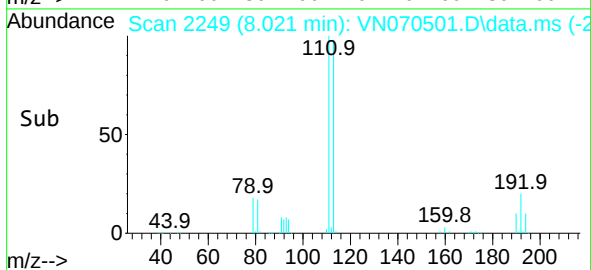
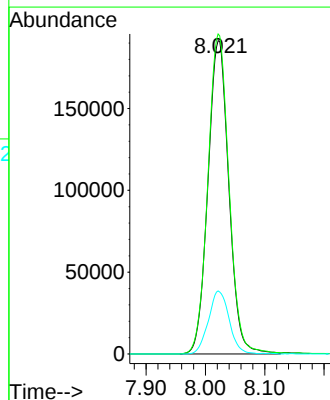
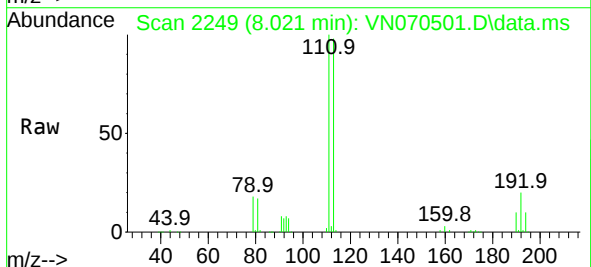
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MSVOA_N
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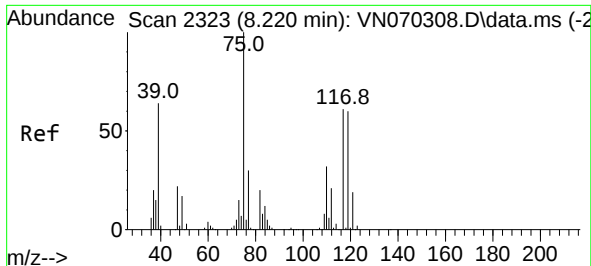
Tgt Ion:114 Resp: 1022880
Ion Ratio Lower Upper
114 100
63 23.7 0.0 37.8
88 16.3 0.0 27.4



#35
Dibromofluoromethane
Concen: 75.728 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

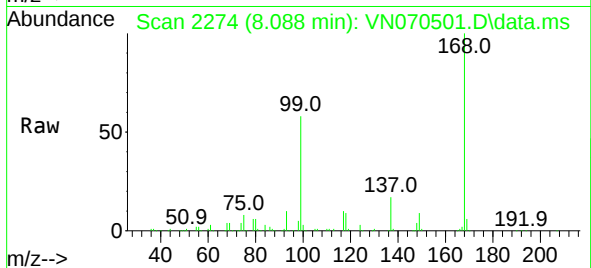
Tgt Ion:113 Resp: 468677
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.2
192 19.9 16.9 25.3



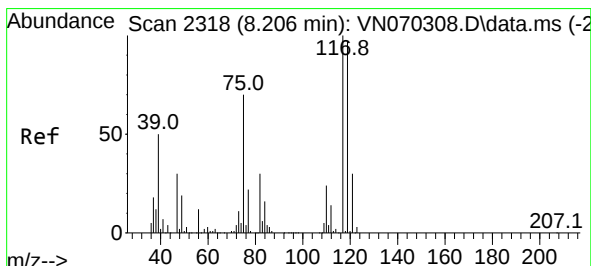
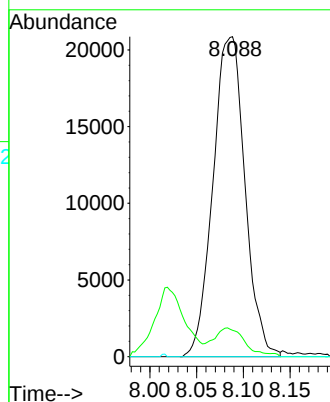
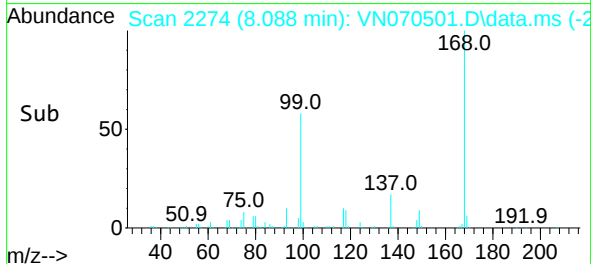


#36
 1,1-Dichloropropene
 Concen: 4.851 ug/l
 RT: 8.088 min Scan# 21
 Delta R.T. -0.132 min
 Lab File: VN070501.D
 Acq: 5 Jan 2022 20:10

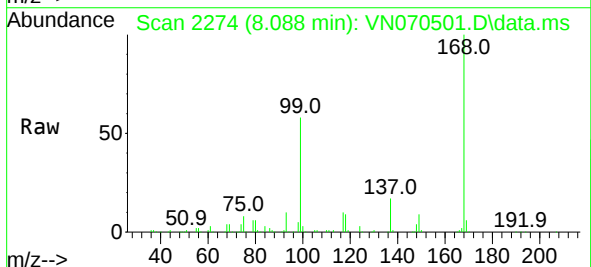
Instrument :
 MSVOA_N
 ClientSampleId :



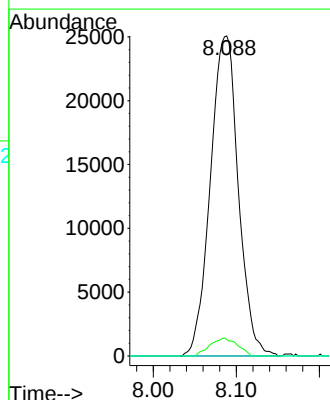
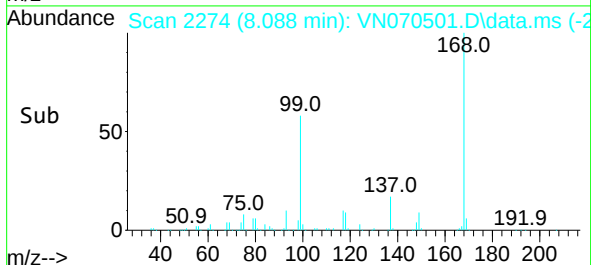
Tgt Ion: 75 Resp: 49670
 Ion Ratio Lower Upper
 75 100
 110 8.9 18.4 55.2#
 77 0.0 24.4 36.6#

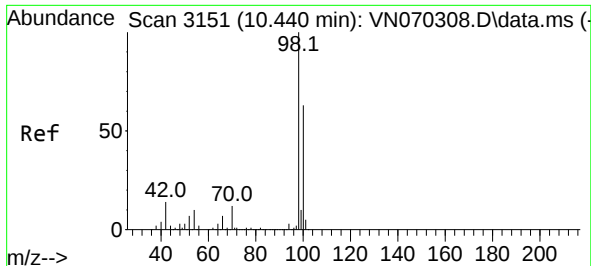


#38
 Carbon Tetrachloride
 Concen: 6.014 ug/l
 RT: 8.088 min Scan# 2274
 Delta R.T. -0.118 min
 Lab File: VN070501.D
 Acq: 5 Jan 2022 20:10



Tgt Ion: 117 Resp: 58795
 Ion Ratio Lower Upper
 117 100
 119 5.2 76.1 114.1#
 121 0.0 24.2 36.2#

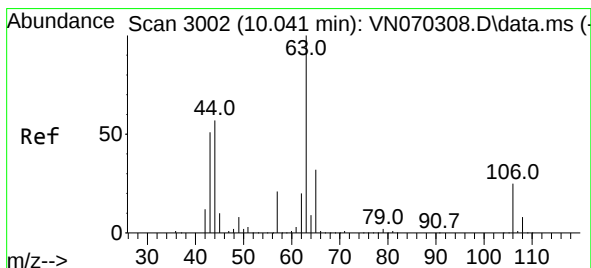
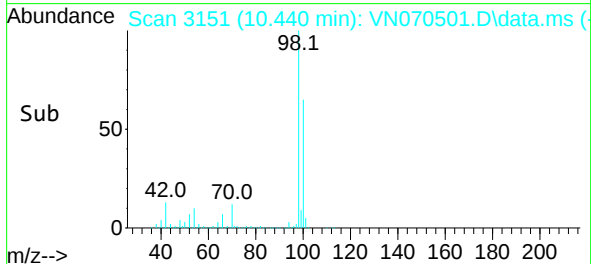
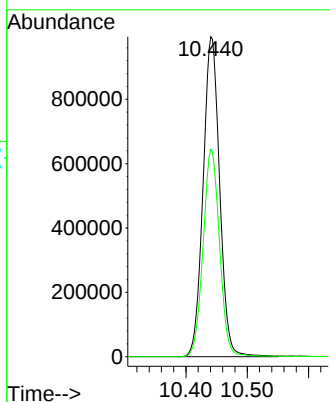
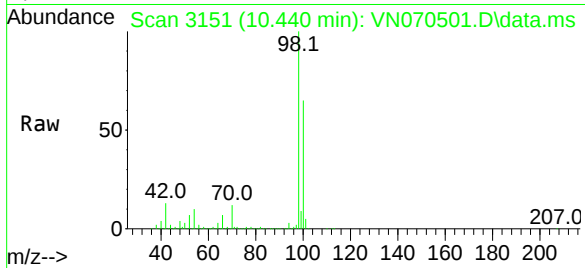




#50
Toluene-d8
Concen: 73.844 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

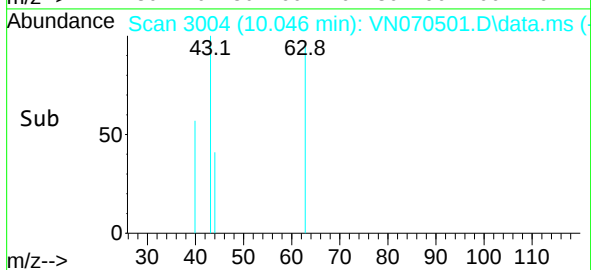
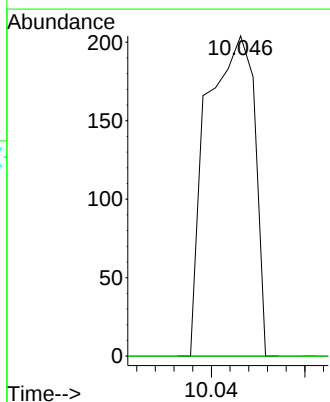
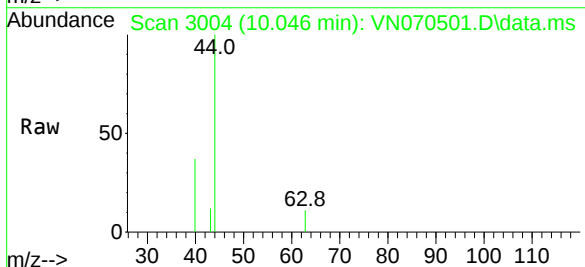
Instrument :
MSVOA_N
ClientSampleId :

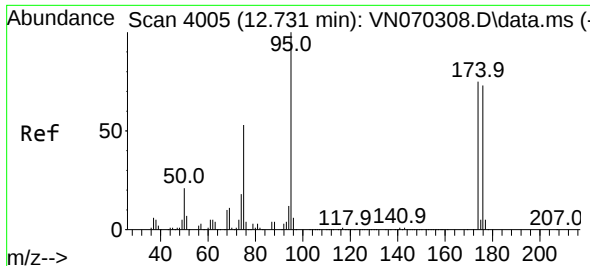
Tgt Ion: 98 Resp: 1866961
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 18.555 ug/l
RT: 10.046 min Scan# 3004
Delta R.T. 0.005 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Tgt Ion: 63 Resp: 145
Ion Ratio Lower Upper
63 100
106 0.0 23.9 35.9#

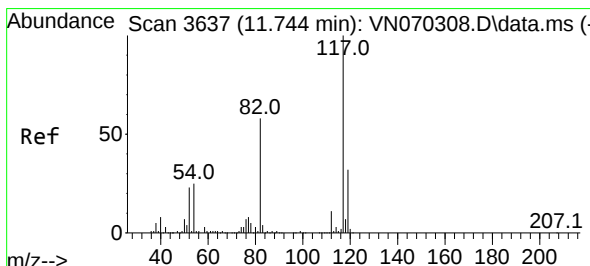
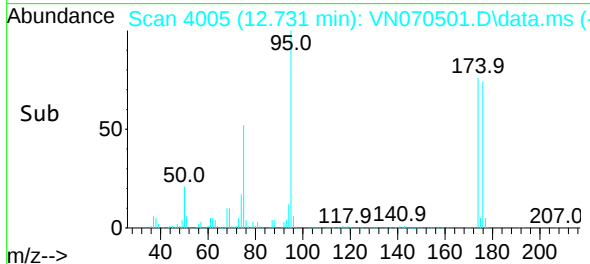
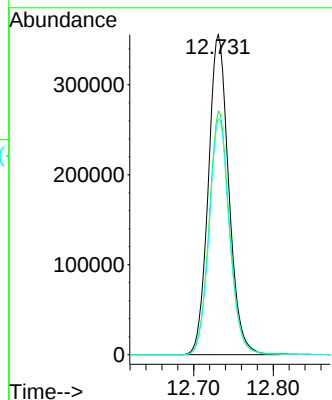
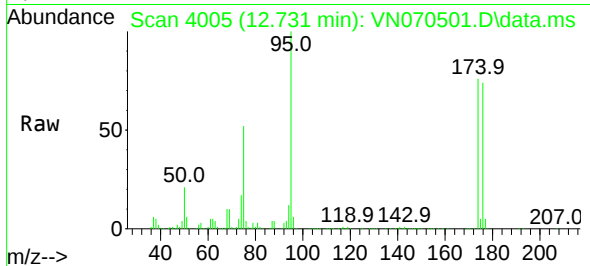




#62
4-Bromofluorobenzene
Concen: 69.648 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

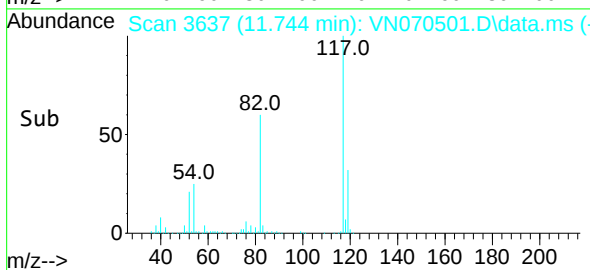
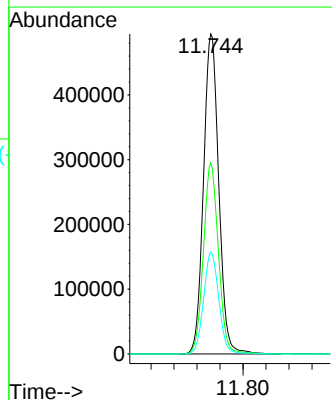
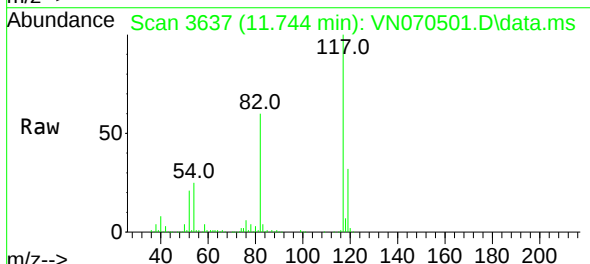
Instrument :
MSVOA_N
ClientSampleId :

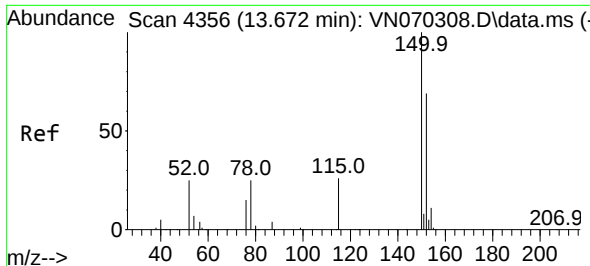
Tgt Ion: 95 Resp: 635994
Ion Ratio Lower Upper
95 100
174 75.8 0.0 187.2
176 73.3 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.000 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

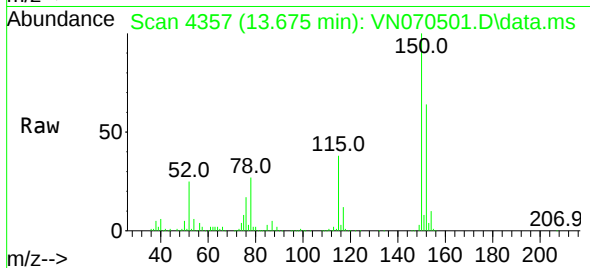
Tgt Ion: 117 Resp: 909228
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.8 25.4 38.2



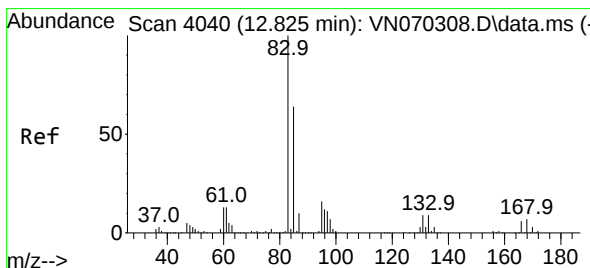
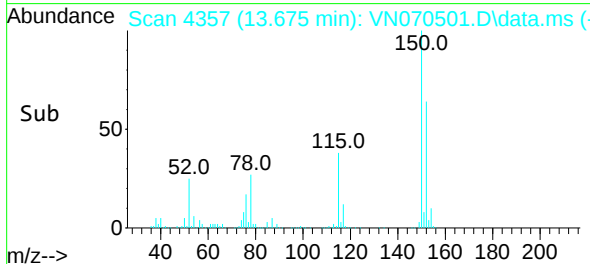
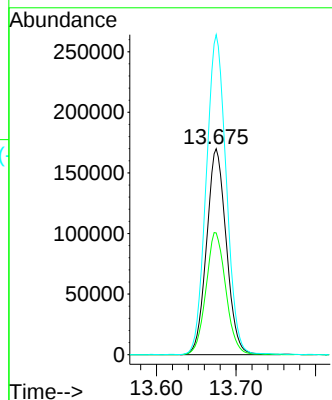


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.675 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VN070501.D
 Acq: 5 Jan 2022 20:10

Instrument :
 MSVOA_N
 ClientSampleId :

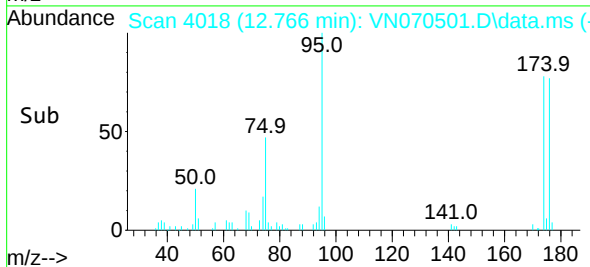
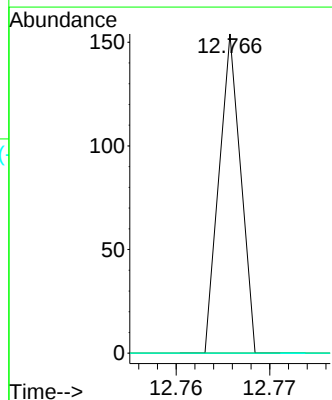
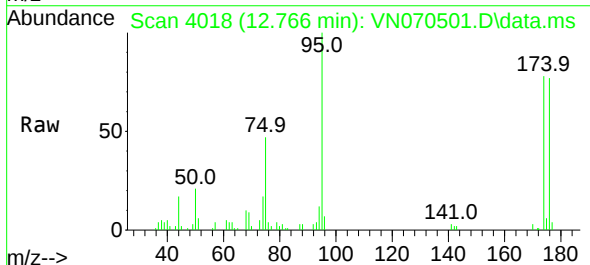


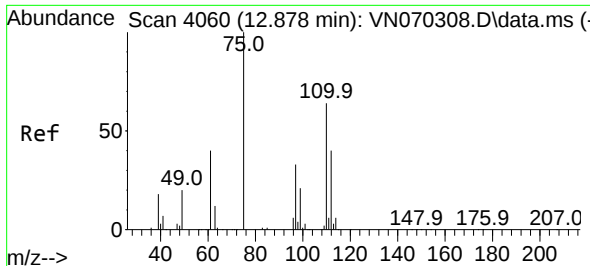
Tgt Ion:152 Resp: 292848
 Ion Ratio Lower Upper
 152 100
 115 59.7 27.5 82.5
 150 157.1 0.0 344.4



#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.450 ug/l
 RT: 12.766 min Scan# 4018
 Delta R.T. -0.059 min
 Lab File: VN070501.D
 Acq: 5 Jan 2022 20:10

Tgt Ion: 83 Resp: 25
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.5#
 85 0.0 32.4 97.2#

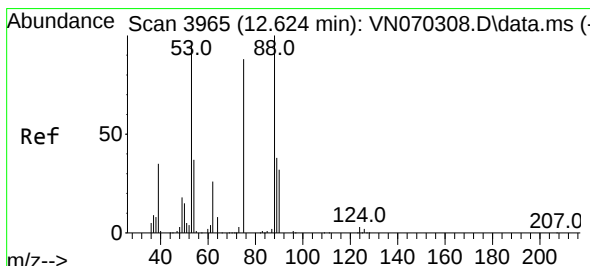
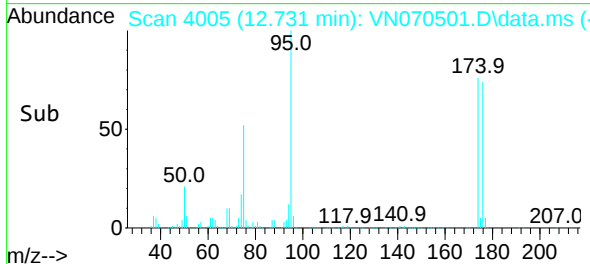
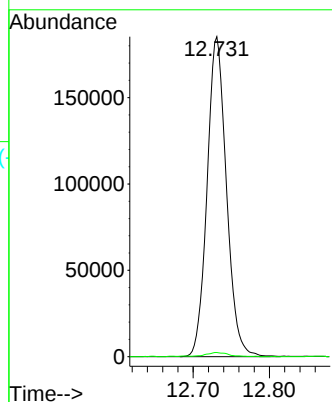
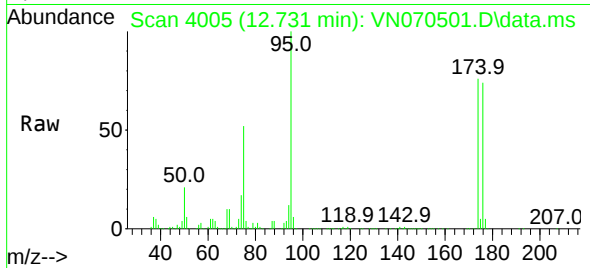




#76
1,2,3-Trichloropropane
Concen: 38.311 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.147 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

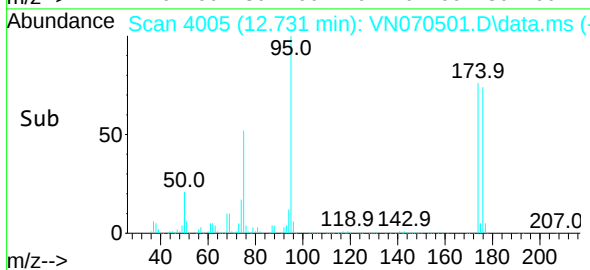
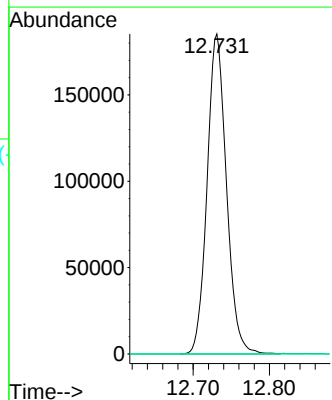
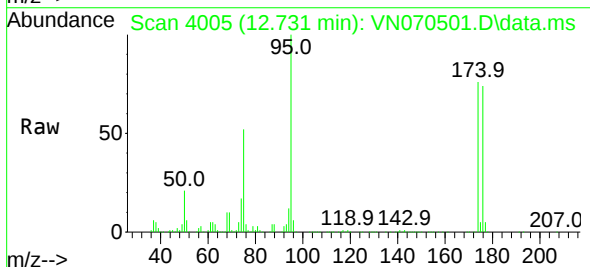
Instrument :
MSVOA_N
ClientSampleId :

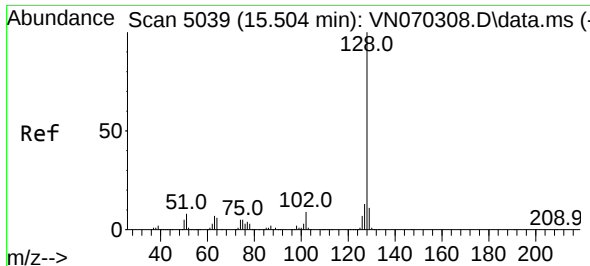
Tgt Ion: 75 Resp: 326282
Ion Ratio Lower Upper
75 100
77 1.5 82.6 247.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.126 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.107 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Tgt Ion: 75 Resp: 326282
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

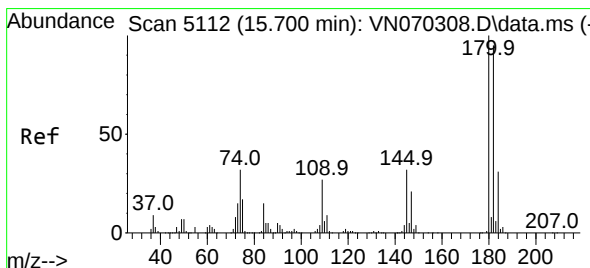
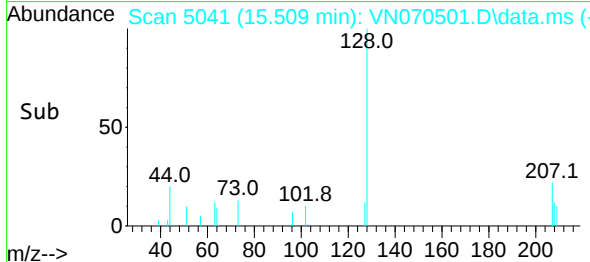
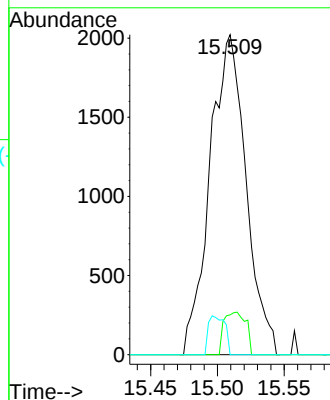
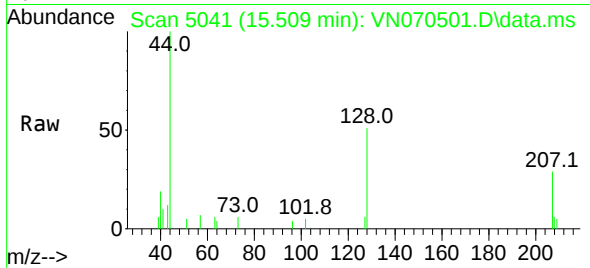




#95
Naphthalene
Concen: 2.072 ug/l
RT: 15.509 min Scan# 5039
Delta R.T. 0.005 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 3803
Ion Ratio Lower Upper
128 100
127 8.1 10.5 15.7#
129 5.5 8.7 13.1#



#96
1,2,3-Trichlorobenzene
Concen: 0.838 ug/l
RT: 15.692 min Scan# 5109
Delta R.T. -0.008 min
Lab File: VN070501.D
Acq: 5 Jan 2022 20:10

Tgt Ion:180 Resp: 54
Ion Ratio Lower Upper
180 100
182 0.0 47.4 142.2#
145 0.0 15.0 45.1#

