

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010422\
 Data File : VN070455.D
 Acq On : 4 Jan 2022 11:26
 Operator : JC/MD
 Sample : VN0104WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 05 03:12:52 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

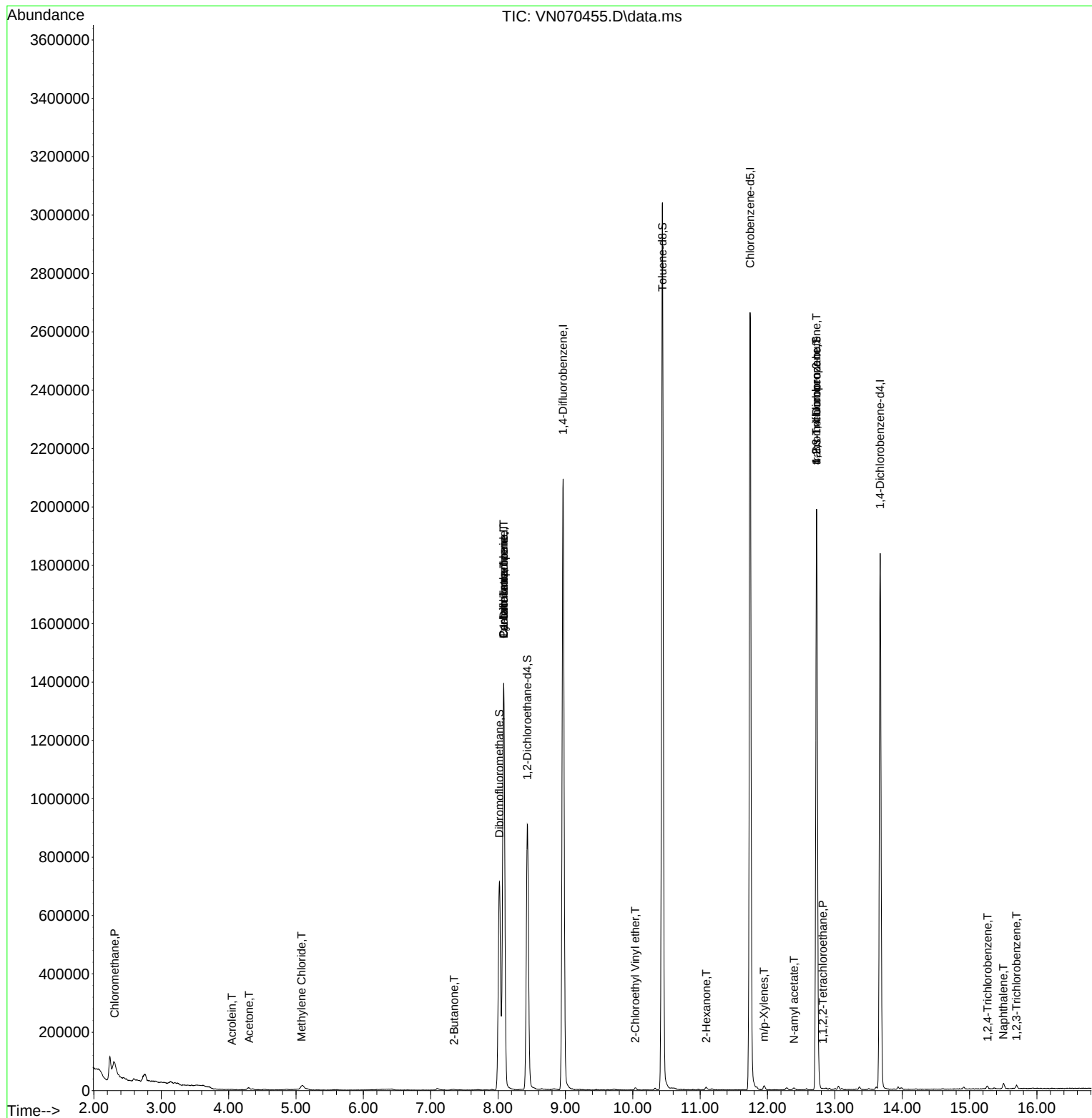
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.083	168	1075215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1806265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1533840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	512416	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	771349	49.895	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.780%
35) Dibromofluoromethane	8.019	113	537410	49.174	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.340%
50) Toluene-d8	10.440	98	2126702	47.636	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.280%
62) 4-Bromofluorobenzene	12.728	95	738935	45.826	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.306	50	4717	0.284	ug/l #	86
13) Acrolein	4.049	56	1395	0.668	ug/l #	27
16) Acetone	4.301	43	7409	0.738	ug/l	92
20) Methylene Chloride	5.082	84	3802	0.274	ug/l	91
25) 2-Butanone	7.348	43	3820	0.302	ug/l #	87
31) Cyclohexane	8.083	56	25553	1.047	ug/l #	17
36) 1,1-Dichloropropene	8.083	75	86353	4.776	ug/l #	49
38) Carbon Tetrachloride	8.083	117	107171	6.208	ug/l #	16
58) 2-Chloroethyl Vinyl ether	10.038	63	3497	19.091	ug/l #	87
59) 2-Hexanone	11.089	43	8530	0.504	ug/l	93
68) m/p-Xylenes	11.948	106	4507	0.208	ug/l	92
74) N-amyl acetate	12.393	43	4806	0.240	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.822	83	1242	0.518	ug/l #	75
76) 1,2,3-Trichloropropane	12.728	75	389485	27.005	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	389485	92.866	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.268	180	4221	0.500	ug/l #	17
95) Naphthalene	15.501	128	17820	2.533	ug/l	97
96) 1,2,3-Trichlorobenzene	15.697	180	4158	1.332	ug/l	89

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

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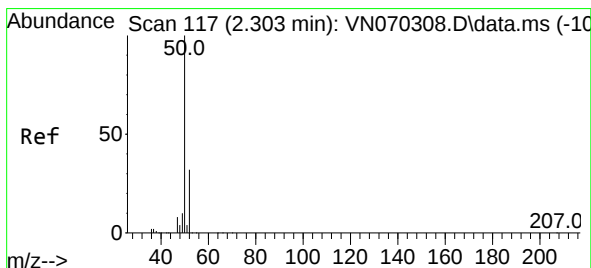
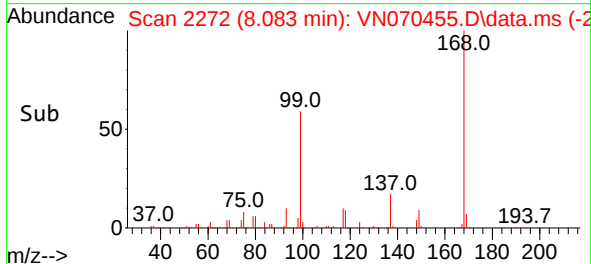
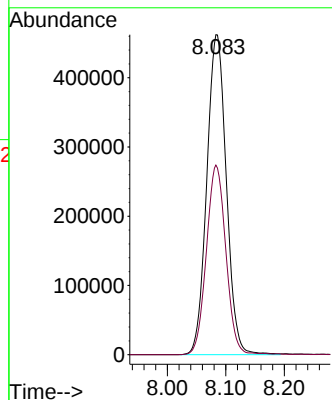
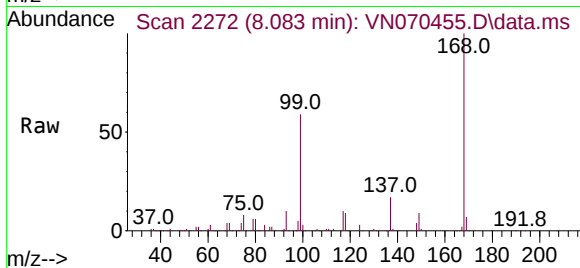




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

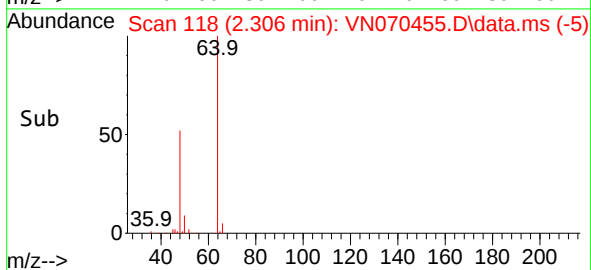
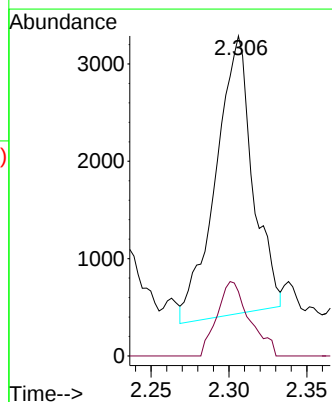
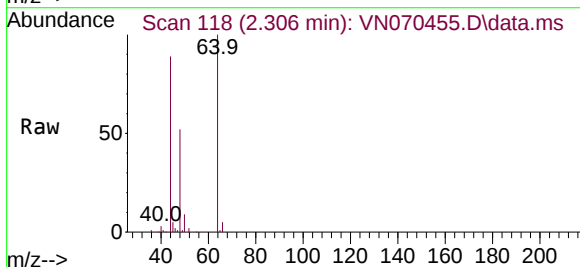
Instrument :
MSVOA_N
ClientSampleId :

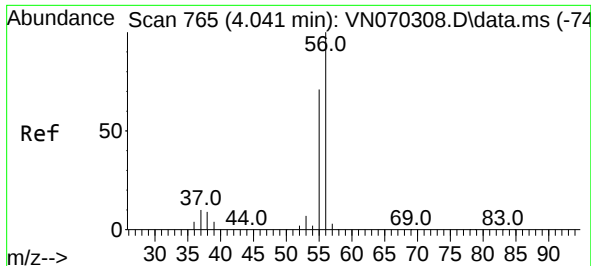
Tgt Ion:168 Resp: 1075215
Ion Ratio Lower Upper
168 100
99 59.2 41.3 61.9



#3
Chloromethane
Concen: 0.284 ug/l
RT: 2.306 min Scan# 118
Delta R.T. 0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion: 50 Resp: 4717
Ion Ratio Lower Upper
50 100
52 23.8 25.4 38.0#

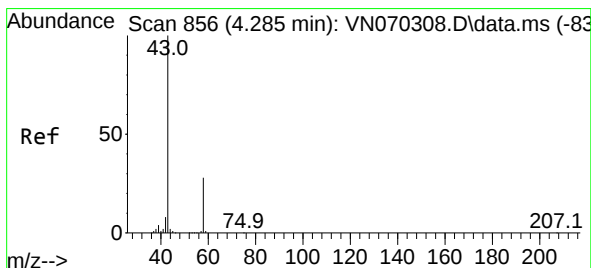
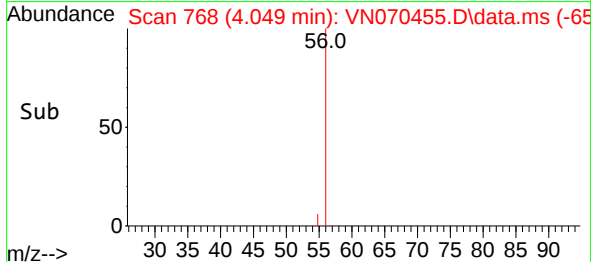
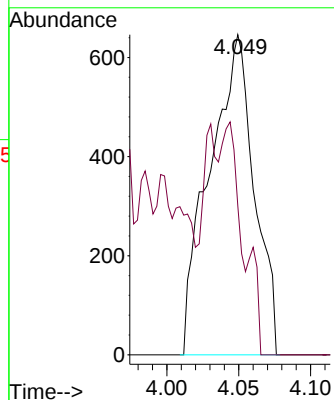
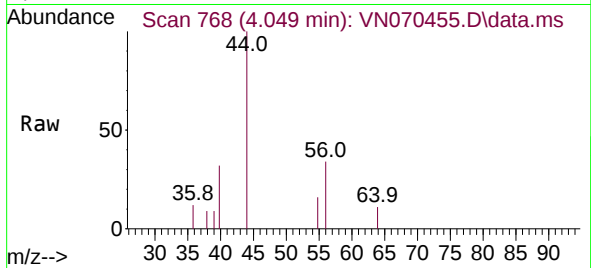




#13
Acrolein
Concen: 0.668 ug/l
RT: 4.049 min Scan# 765
Delta R.T. 0.008 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

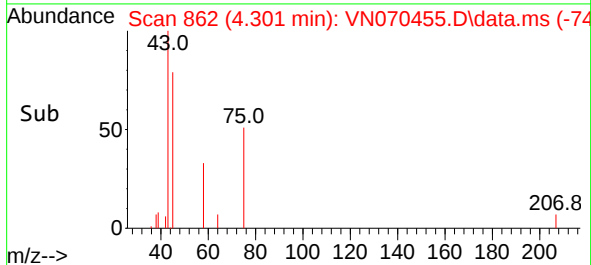
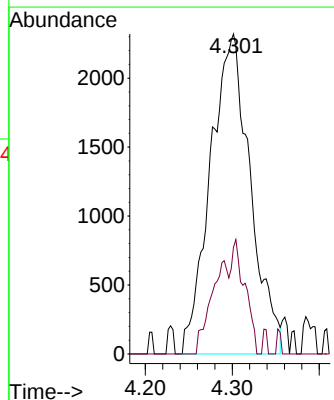
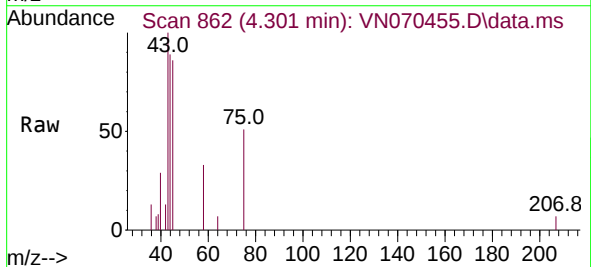
Instrument :
MSVOA_N
ClientSampleId :

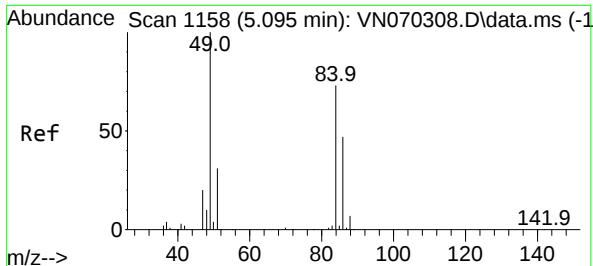
Tgt Ion: 56 Resp: 1395
Ion Ratio Lower Upper
56 100
55 10.9 56.6 85.0#



#16
Acetone
Concen: 0.738 ug/l
RT: 4.301 min Scan# 862
Delta R.T. 0.016 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

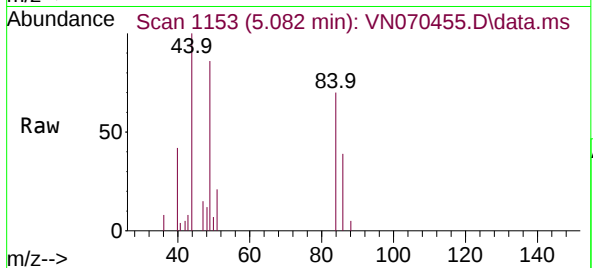
Tgt Ion: 43 Resp: 7409
Ion Ratio Lower Upper
43 100
58 33.3 23.1 34.7





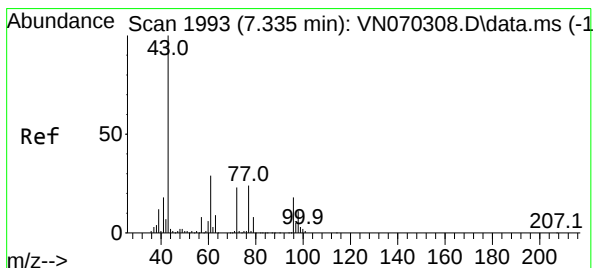
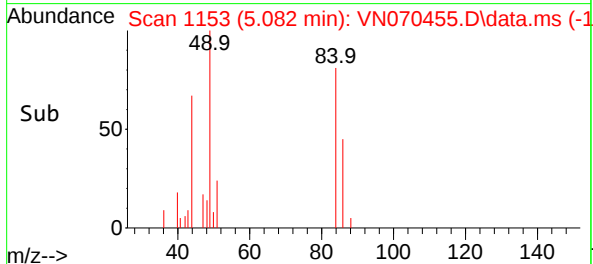
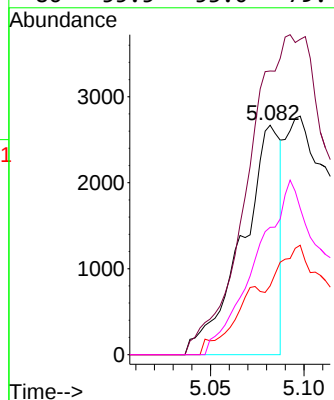
#20
Methylene Chloride
Concen: 0.274 ug/l
RT: 5.082 min Scan# 1153
Delta R.T. -0.013 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 3802

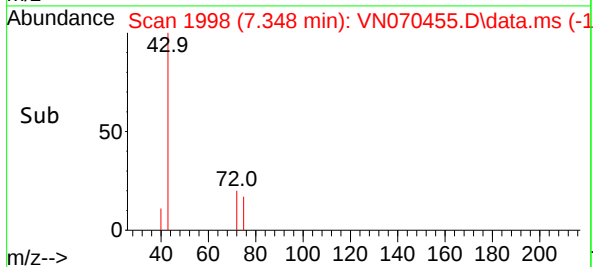
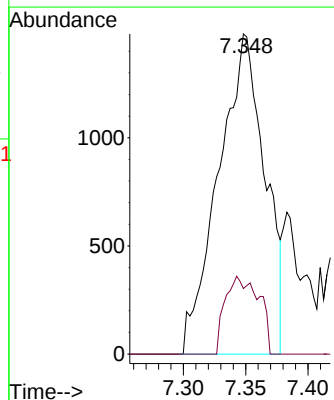
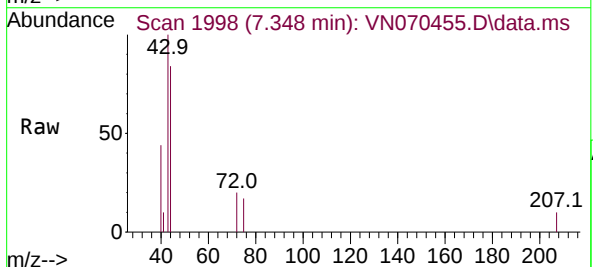
Ion	Ratio	Lower	Upper
84	100		
49	123.7	93.5	140.3
51	30.0	29.4	44.2
86	55.5	53.0	79.4

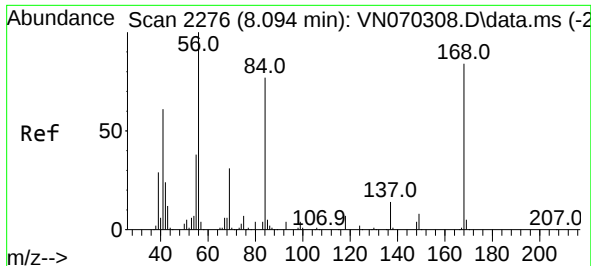


#25
2-Butanone
Concen: 0.302 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion: 43 Resp: 3820

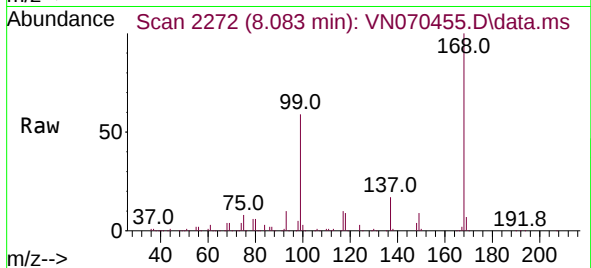
Ion	Ratio	Lower	Upper
43	100		
72	20.5	21.7	32.5



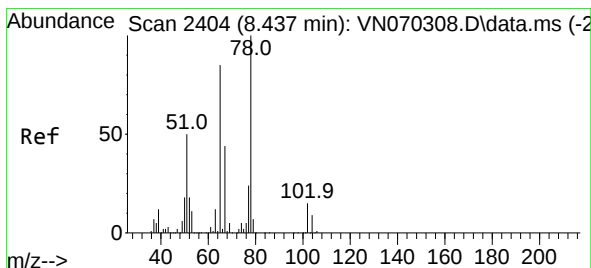
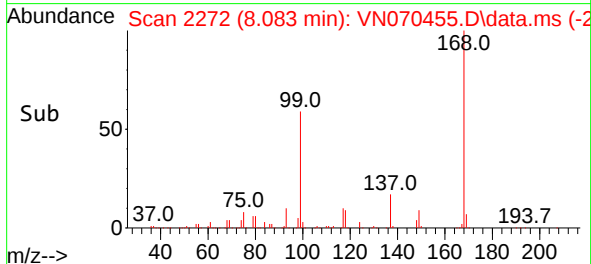
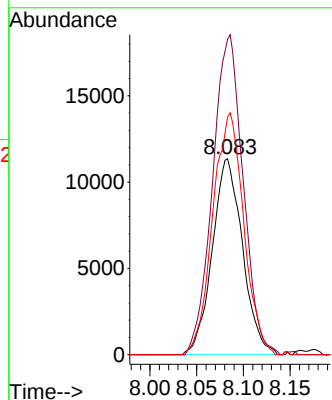


#31
Cyclohexane
Concen: 1.047 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.011 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :

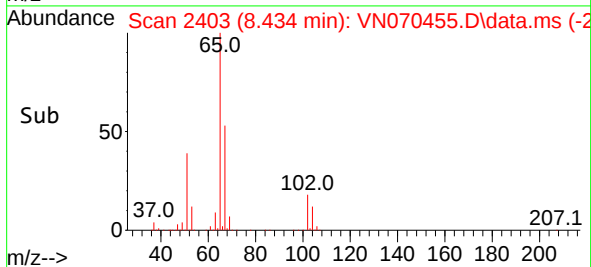
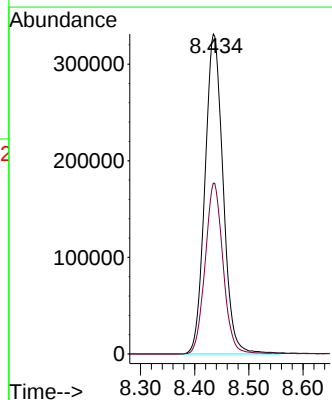
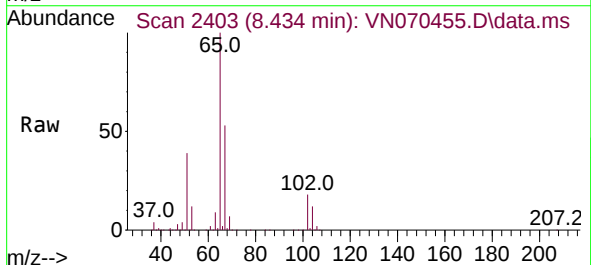


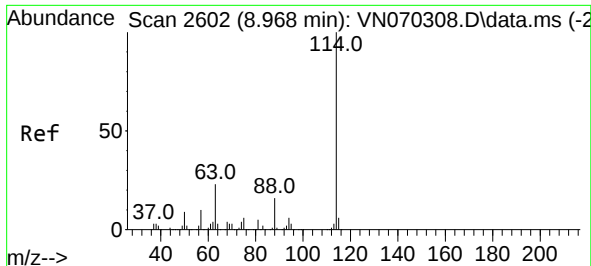
Tgt Ion: 56 Resp: 25553
Ion Ratio Lower Upper
56 100
69 161.1 27.1 40.7#
84 121.2 73.4 110.0#



#33
1,2-Dichloroethane-d4
Concen: 49.895 ug/l
RT: 8.434 min Scan# 2403
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

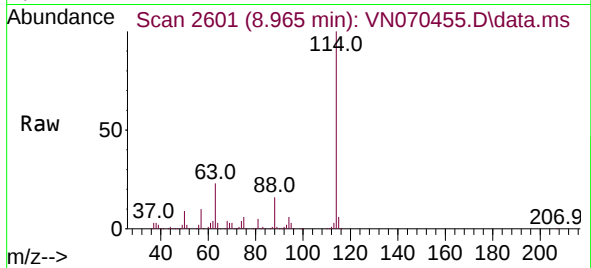
Tgt Ion: 65 Resp: 771349
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.0



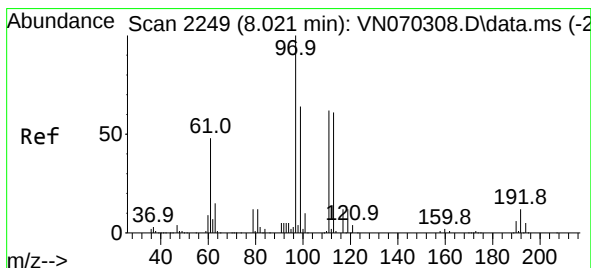
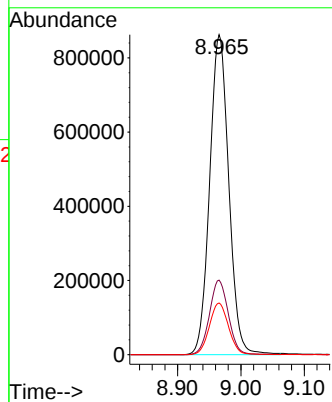
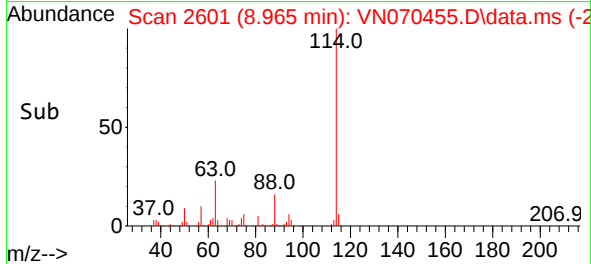


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Instrument :
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ClientSampleId :

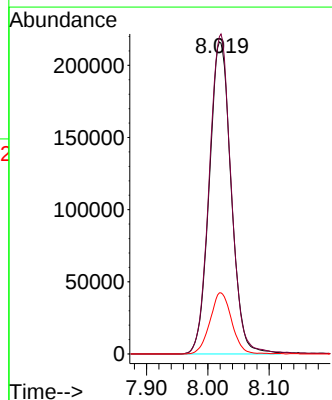
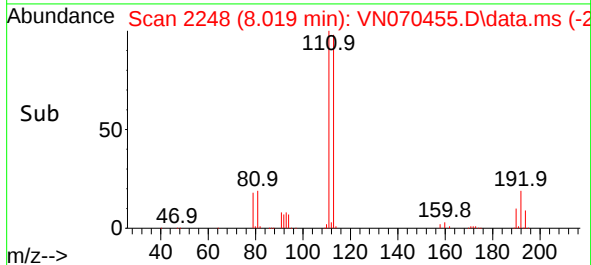
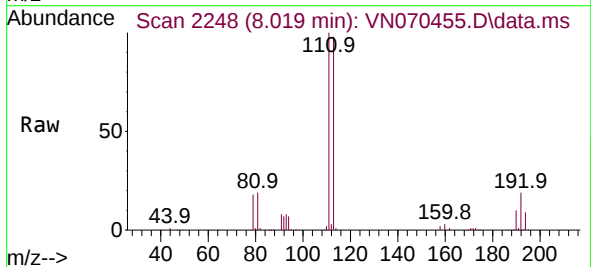


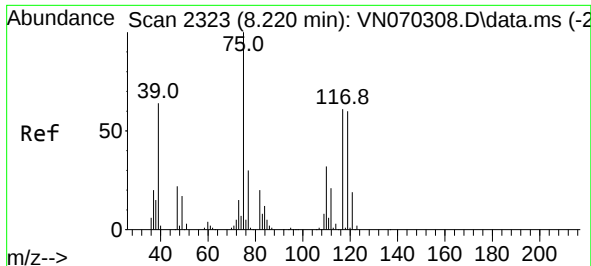
Tgt Ion:114 Resp: 1806265
Ion Ratio Lower Upper
114 100
63 23.3 0.0 37.8
88 16.1 0.0 27.4



#35
Dibromofluoromethane
Concen: 49.174 ug/l
RT: 8.019 min Scan# 2248
Delta R.T. -0.002 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion:113 Resp: 537410
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.3 16.9 25.3

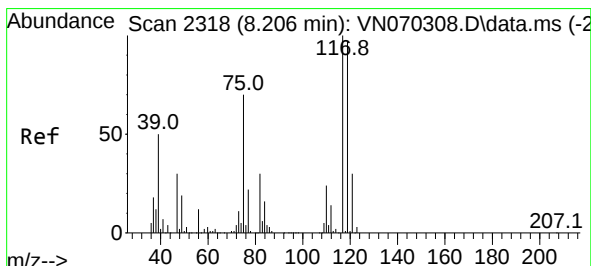
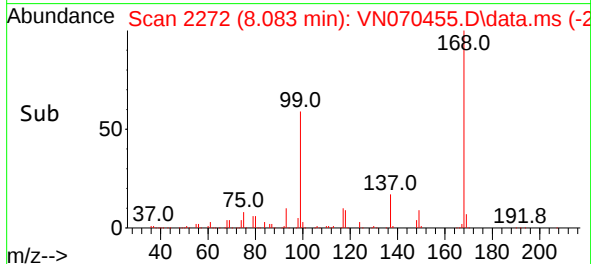
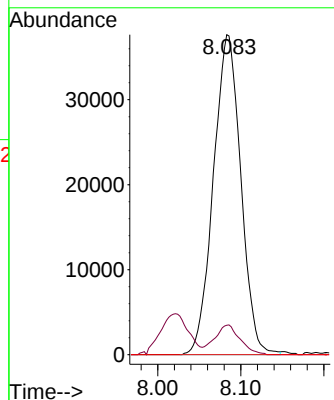
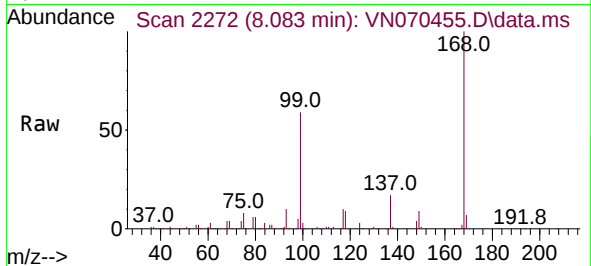




#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 8.083 min Scan# 211
Delta R.T. -0.137 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

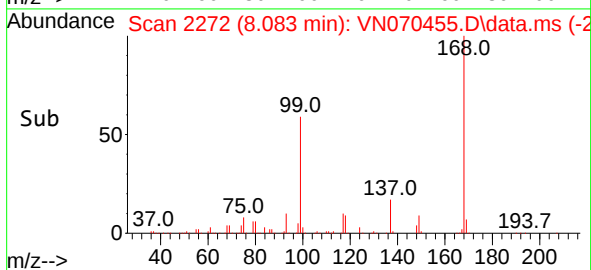
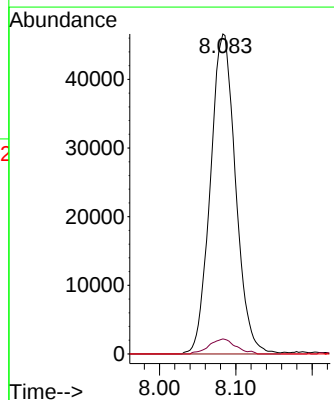
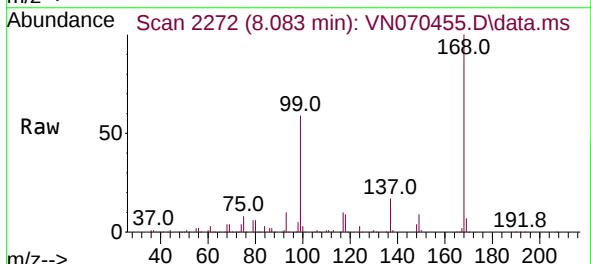
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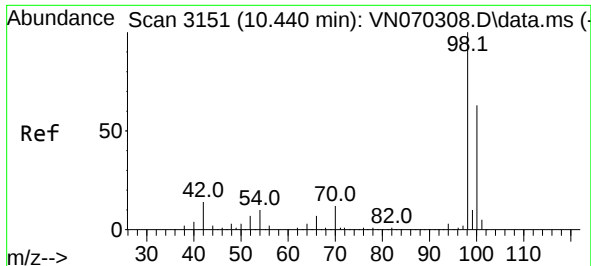
Tgt Ion: 75 Resp: 86353
Ion Ratio Lower Upper
75 100
110 8.7 18.4 55.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.208 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.123 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion:117 Resp: 107171
Ion Ratio Lower Upper
117 100
119 4.7 76.1 114.1#
121 0.0 24.2 36.2#

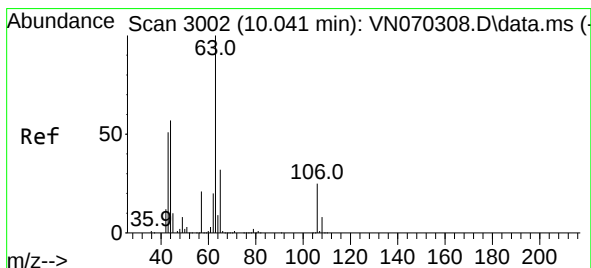
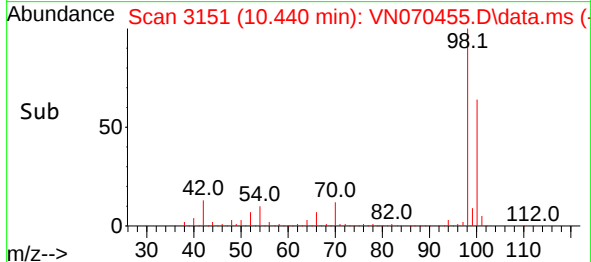
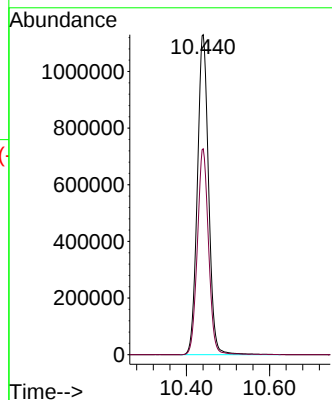
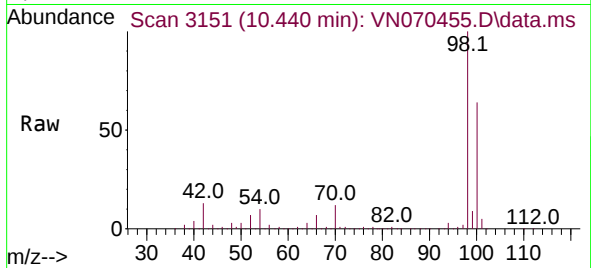




#50
Toluene-d8
Concen: 47.636 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

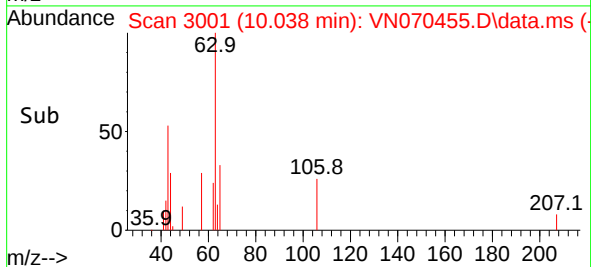
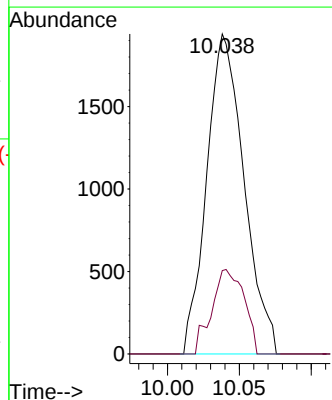
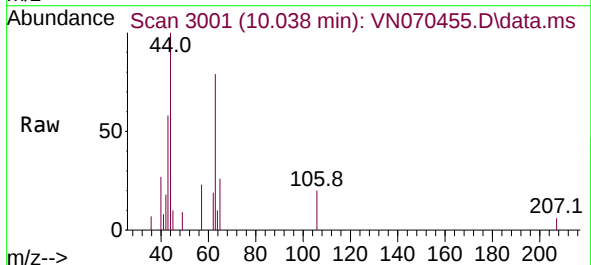
Instrument :
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ClientSampleId :

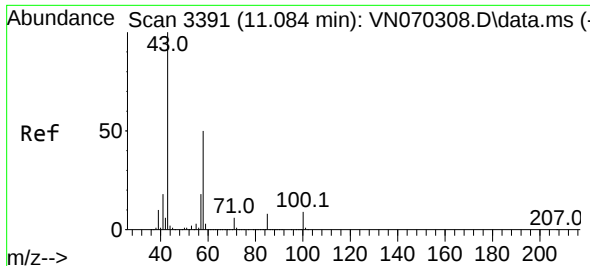
Tgt Ion: 98 Resp: 2126702
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6



#58
2-Chloroethyl Vinyl ether
Concen: 19.091 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion: 63 Resp: 3497
Ion Ratio Lower Upper
63 100
106 22.8 23.9 35.9#

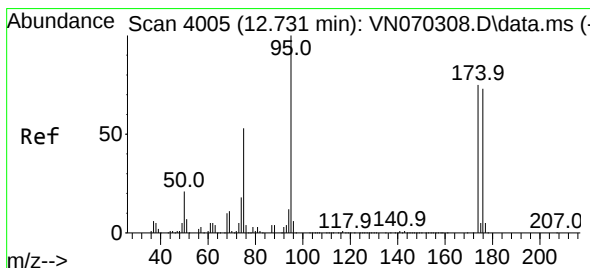
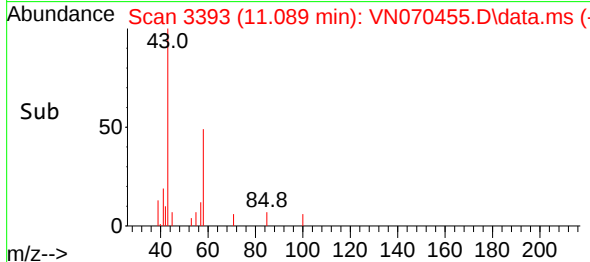
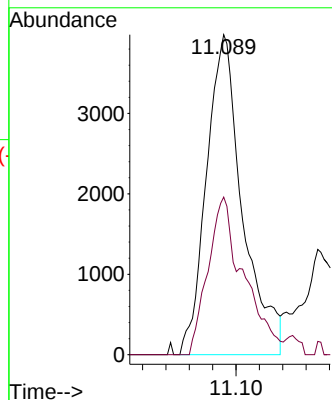
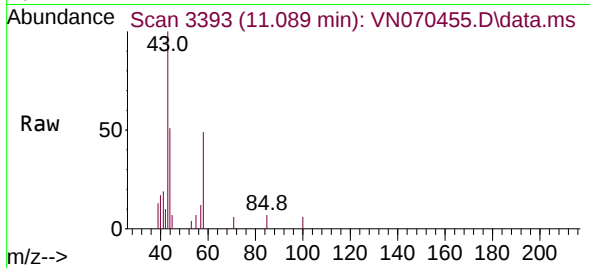




#59
2-Hexanone
Concen: 0.504 ug/l
RT: 11.089 min Scan# 31
Delta R.T. 0.005 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

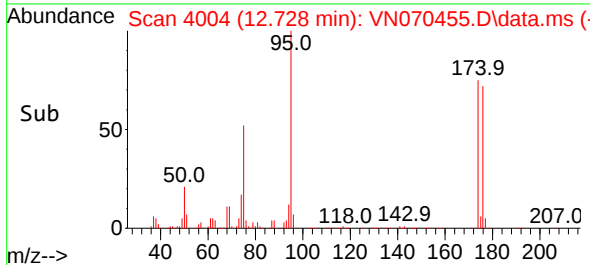
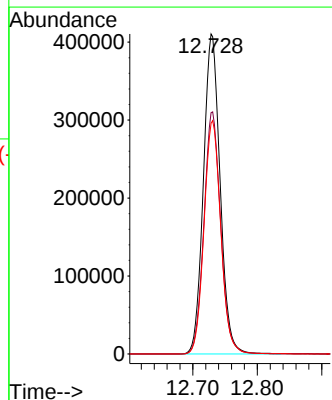
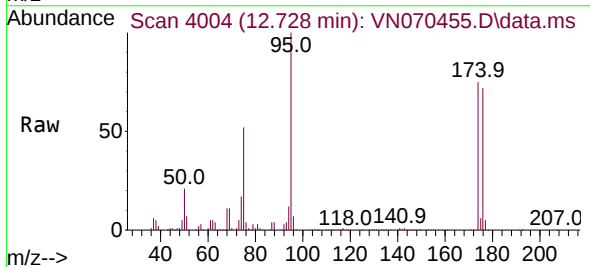
Instrument :
MSVOA_N
ClientSampleId :

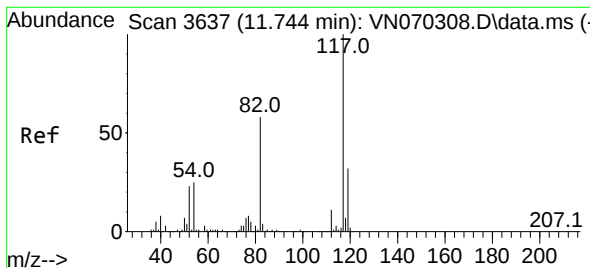
Tgt Ion: 43 Resp: 8530
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 45.826 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion: 95 Resp: 738935
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.3 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3

Delta R.T. -0.003 min

Lab File: VN070455.D

Acq: 4 Jan 2022 11:26

Instrument :

MSVOA_N

ClientSampleId :

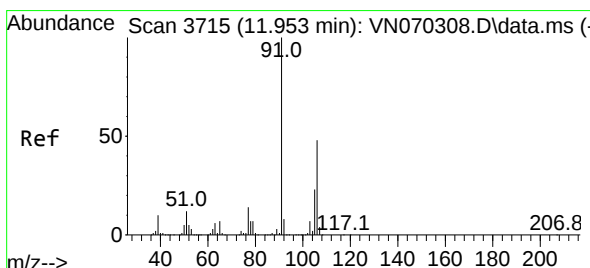
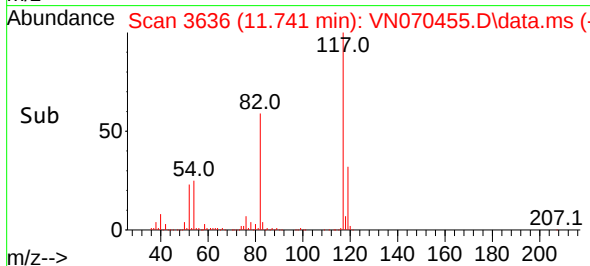
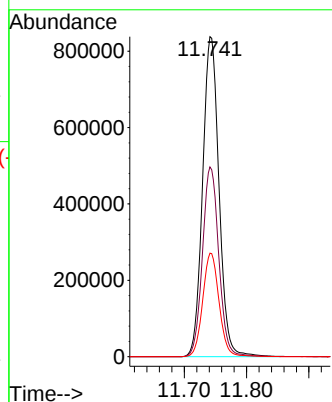
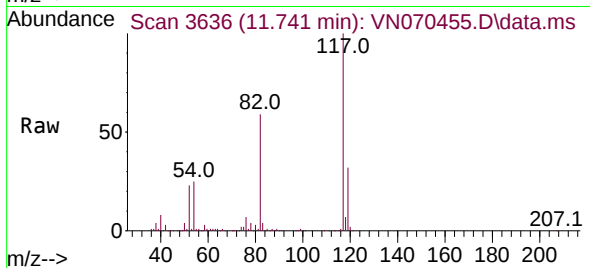
Tgt Ion:117 Resp: 1533840

Ion Ratio Lower Upper

117 100

82 59.3 42.4 63.6

119 32.3 25.4 38.2



#68

m/p-Xylenes

Concen: 0.208 ug/l

RT: 11.948 min Scan# 3713

Delta R.T. -0.005 min

Lab File: VN070455.D

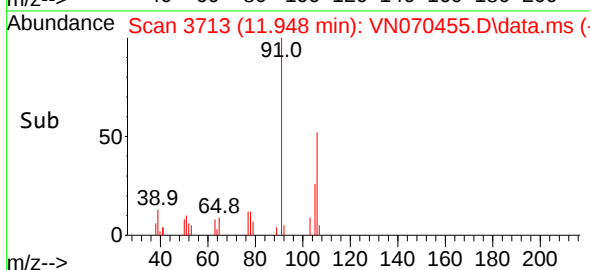
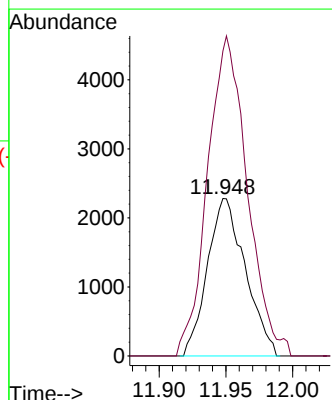
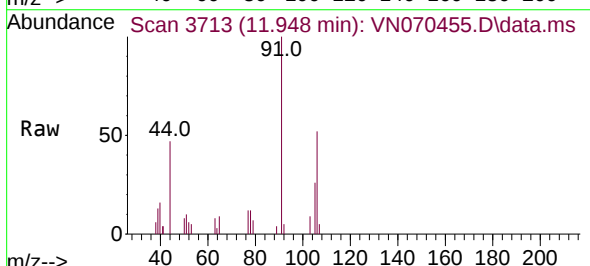
Acq: 4 Jan 2022 11:26

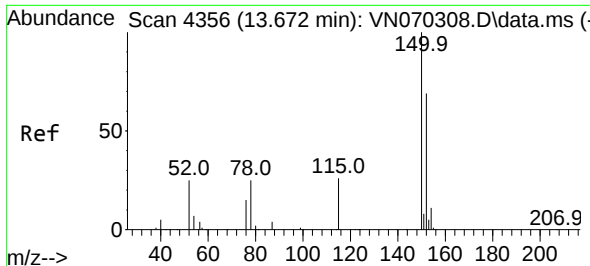
Tgt Ion:106 Resp: 4507

Ion Ratio Lower Upper

106 100

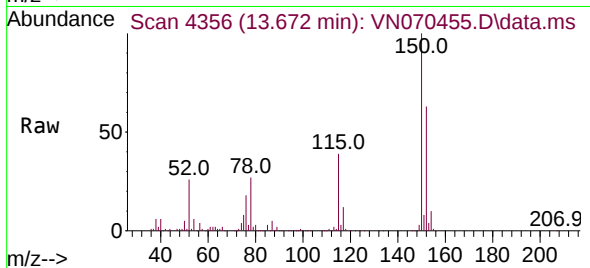
91 212.8 160.6 240.8



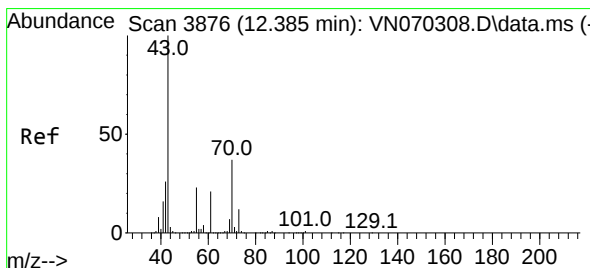
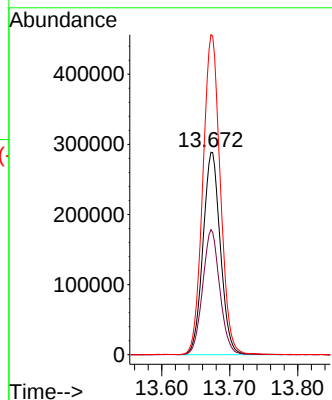
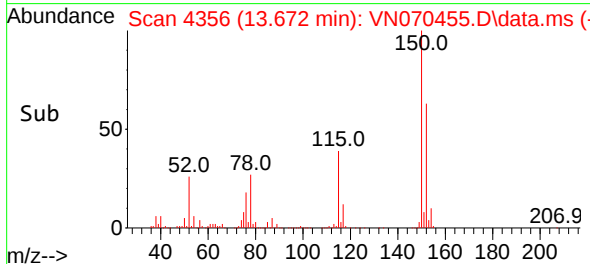


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :

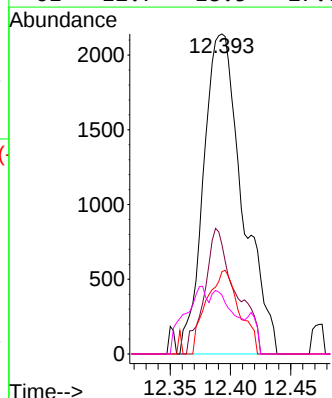
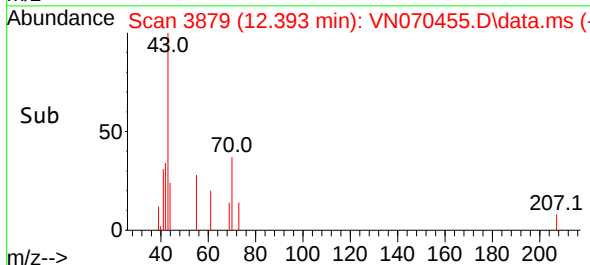
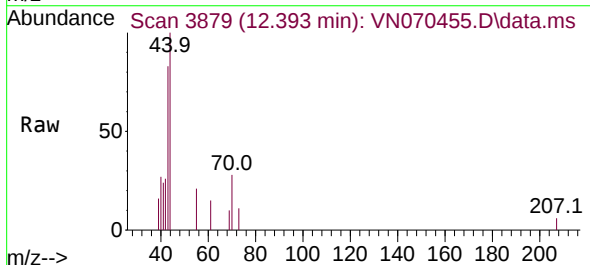


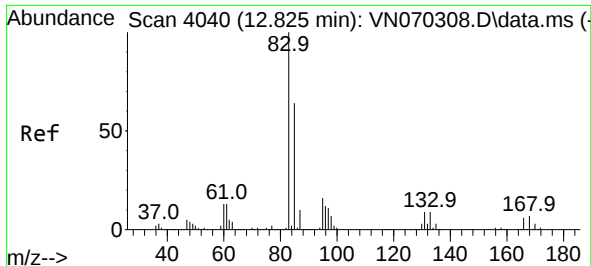
Tgt Ion:152 Resp: 512416
Ion Ratio Lower Upper
152 100
115 60.7 27.5 82.5
150 158.4 0.0 344.4



#74
N-ethyl acetate
Concen: 0.240 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.008 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion: 43 Resp: 4806
Ion Ratio Lower Upper
43 100
70 31.6 33.4 50.0#
55 22.1 19.3 28.9
61 12.7 18.5 27.7#

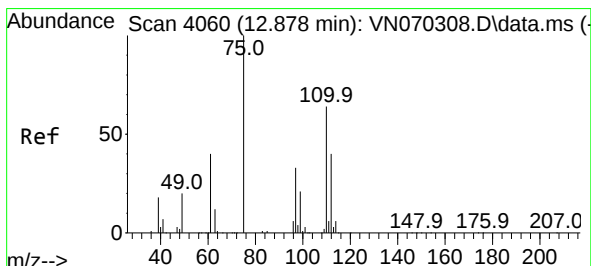
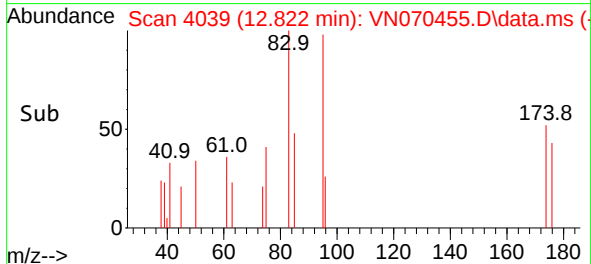
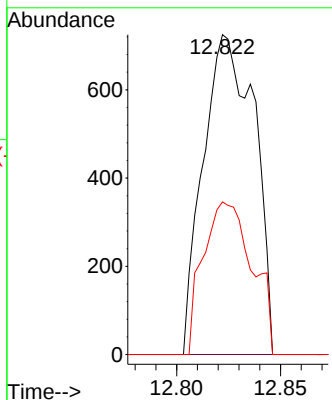
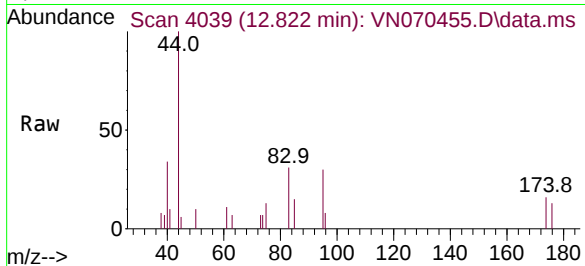




#75
1,1,2,2-Tetrachloroethane
Concen: 0.518 ug/l
RT: 12.822 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

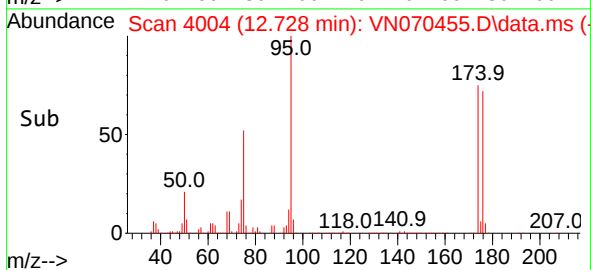
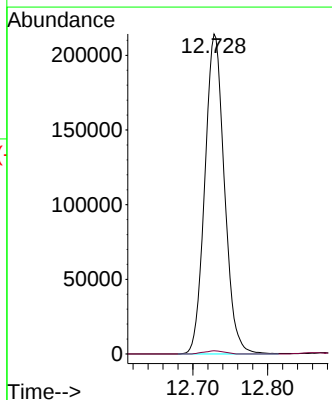
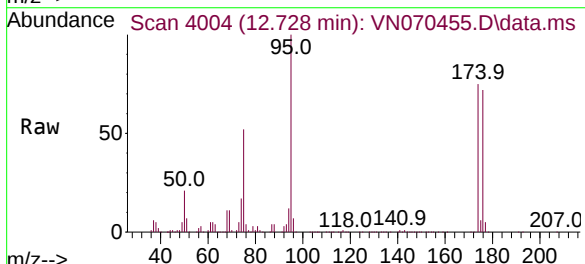
Instrument :
MSVOA_N
ClientSampleId :

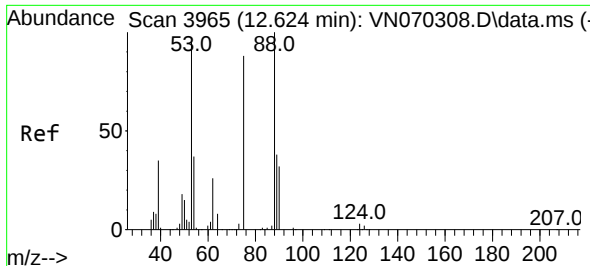
Tgt Ion: 83 Resp: 1242
Ion Ratio Lower Upper
83 100
131 0.0 5.5 16.5#
85 45.8 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 27.005 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

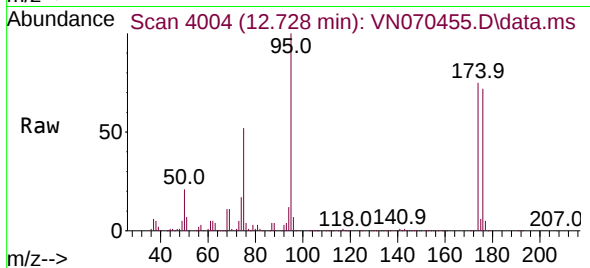
Tgt Ion: 75 Resp: 389485
Ion Ratio Lower Upper
75 100
77 1.0 82.6 247.8#



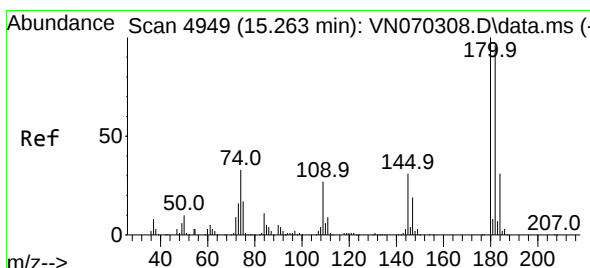
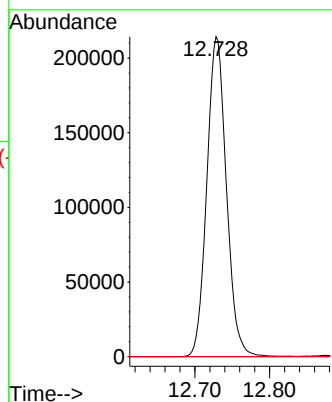
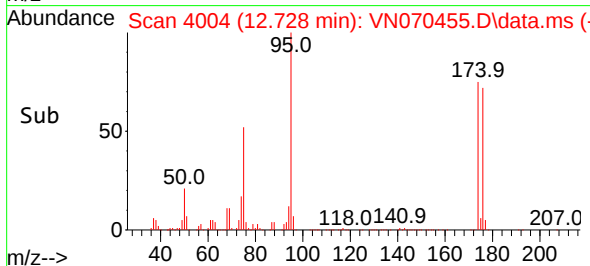


#81
trans-1,4-Dichloro-2-butene
Concen: 92.866 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.104 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

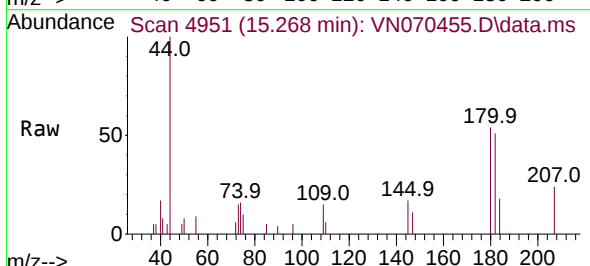
Instrument :
MSVOA_N
ClientSampleId :



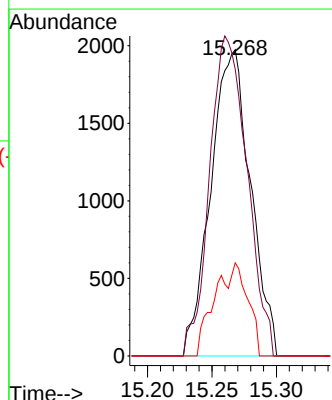
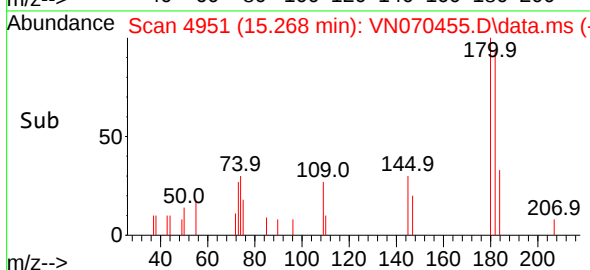
Tgt Ion: 75 Resp: 389485
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 38.2 57.4#

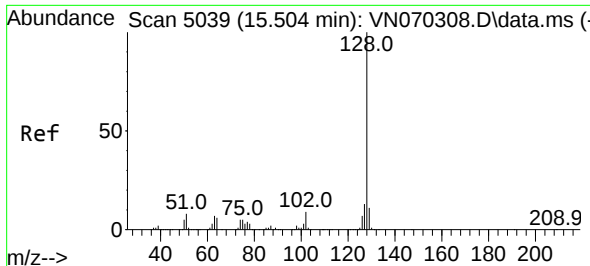


#93
1,2,4-Trichlorobenzene
Concen: 0.500 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.005 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26



Tgt Ion: 180 Resp: 4221
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.9#
145 13.0 14.5 43.5#

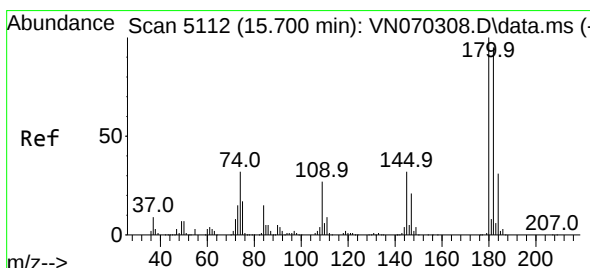
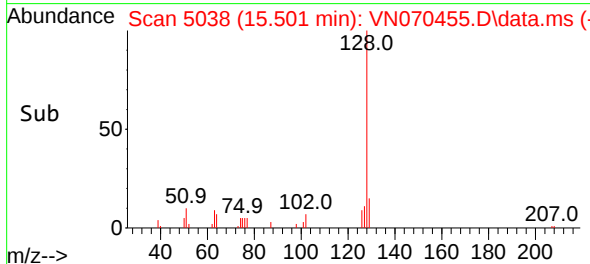
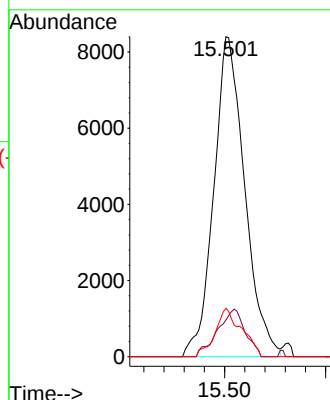
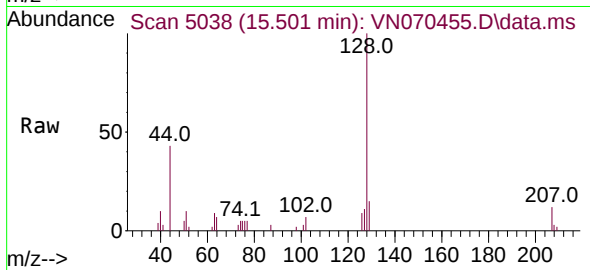




#95
Naphthalene
Concen: 2.533 ug/l
RT: 15.501 min Scan# 5039
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 17820
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 13.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.332 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070455.D
Acq: 4 Jan 2022 11:26

Tgt Ion:180 Resp: 4158
Ion Ratio Lower Upper
180 100
182 103.1 47.4 142.2
145 40.8 15.0 45.1

