

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070801.D
 Acq On : 27 Jan 2022 12:52
 Operator : JC/MD
 Sample : VN0127WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBL01

Quant Time: Jan 28 00:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

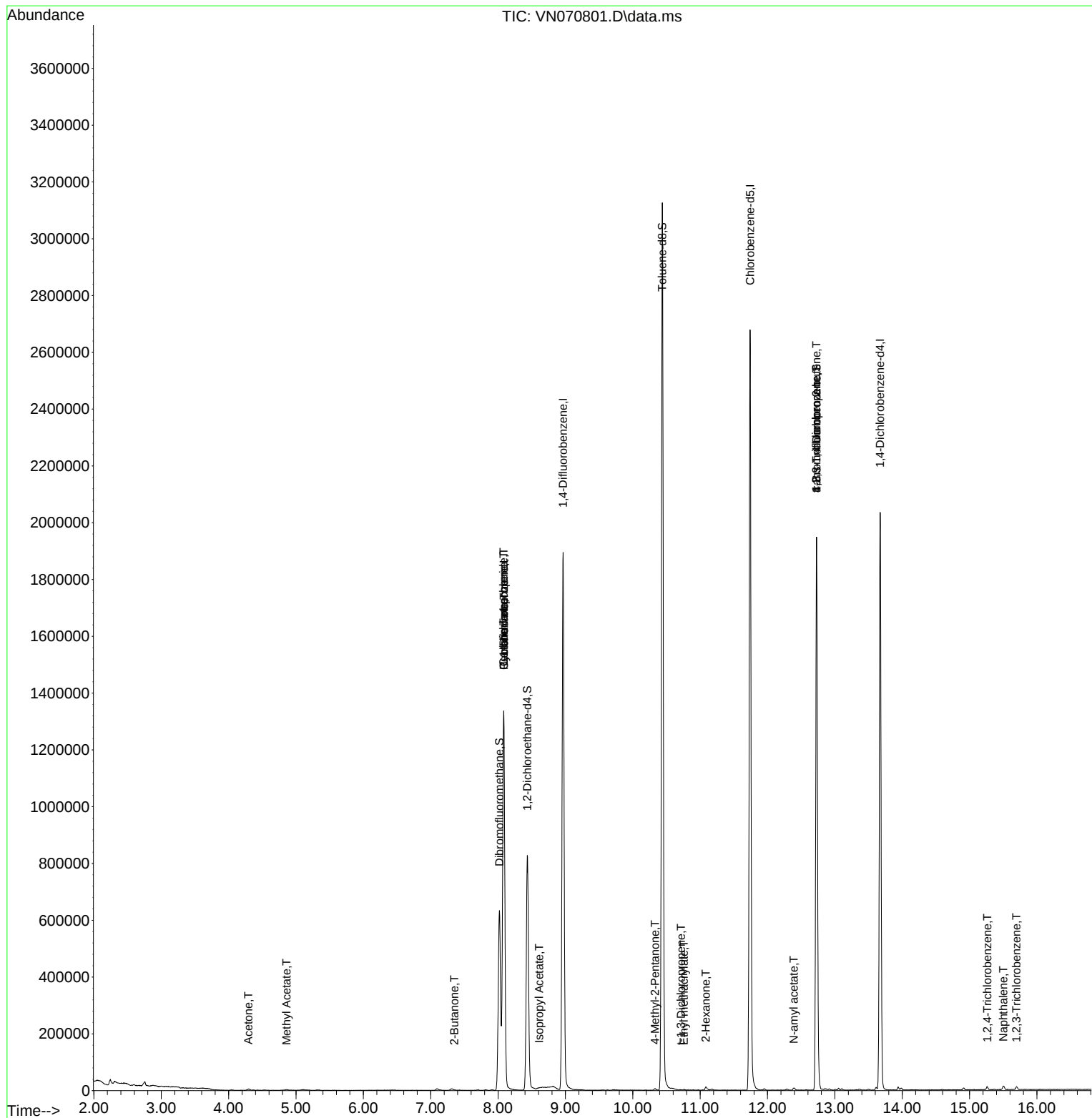
Internal Standards						
1) Pentafluorobenzene	8.086	168	1009757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1611256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1573344	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	548298	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	710184	49.075	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.160%
35) Dibromofluoromethane	8.019	113	472454	47.271	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.540%
50) Toluene-d8	10.438	98	2201059	52.276	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	104.560%
62) 4-Bromofluorobenzene	12.728	95	730882	48.713	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.420%
Target Compounds						
					Qvalue	
16) Acetone	4.293	43	4961	0.494	ug/l	98
18) Methyl Acetate	4.859	43	4599	0.233	ug/l #	74
25) 2-Butanone	7.351	43	3012	0.238	ug/l #	82
30) Chloroform	7.820	83	1876	Below Cal	#	77
31) Cyclohexane	8.086	56	23095	0.906	ug/l #	8
36) 1,1-Dichloropropene	8.083	75	83986	4.991	ug/l #	49
38) Carbon Tetrachloride	8.083	117	102895	6.874	ug/l #	16
43) Isopropyl Acetate	8.611	43	7027	0.206	ug/l #	55
51) 4-Methyl-2-Pentanone	10.328	43	5039	0.231	ug/l	87
53) t-1,3-Dichloropropene	10.714	75	525	2.428	ug/l #	71
56) Ethyl methacrylate	10.760	69	1006	2.343	ug/l #	51
59) 2-Hexanone	11.084	43	10330	0.653	ug/l	95
74) N-amyl acetate	12.390	43	6482	0.306	ug/l #	74
76) 1,2,3-Trichloropropane	12.728	75	387793	26.667	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.728	75	387793	79.444	ug/l #	5
93) 1,2,4-Trichlorobenzene	15.263	180	4013	3.794	ug/l	95
95) Naphthalene	15.501	128	13999	5.392	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.697	180	4093	3.611	ug/l	88

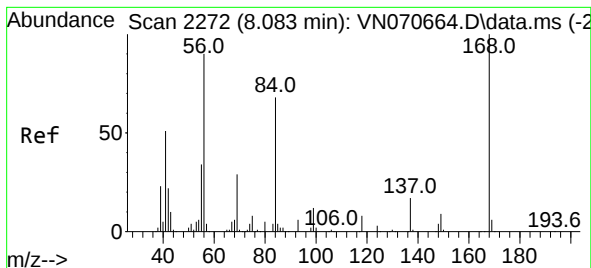
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 18 13:32:07 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 21

Delta R.T. 0.003 min

Lab File: VN070801.D

Acq: 27 Jan 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

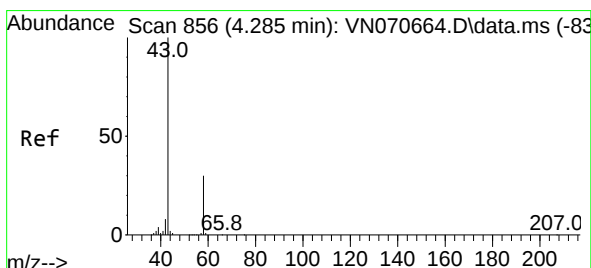
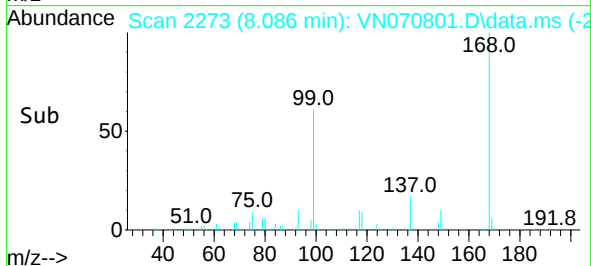
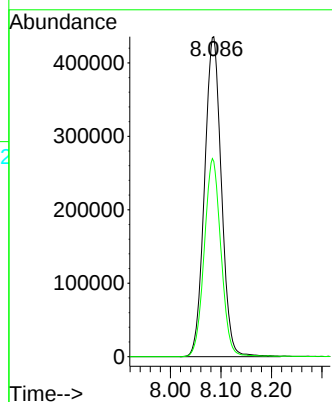
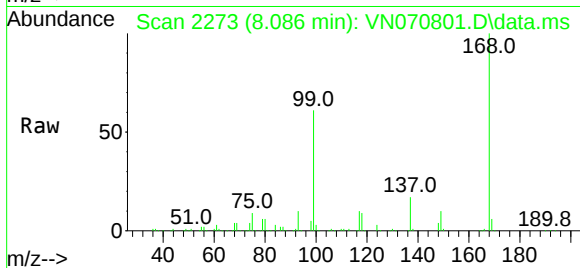
VN0127WBL01

Tgt Ion:168 Resp: 1009757

Ion Ratio Lower Upper

168 100

99 61.0 41.3 61.9



#16

Acetone

Concen: 0.494 ug/l

RT: 4.293 min Scan# 859

Delta R.T. 0.008 min

Lab File: VN070801.D

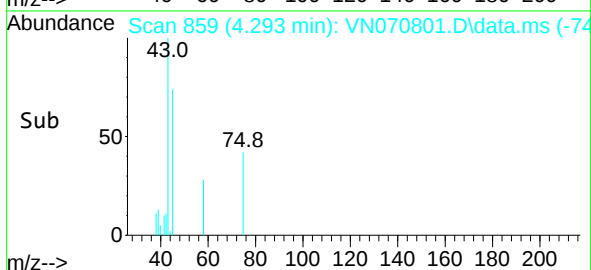
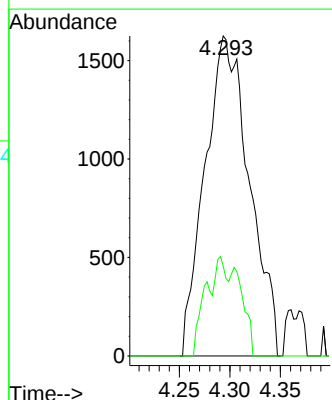
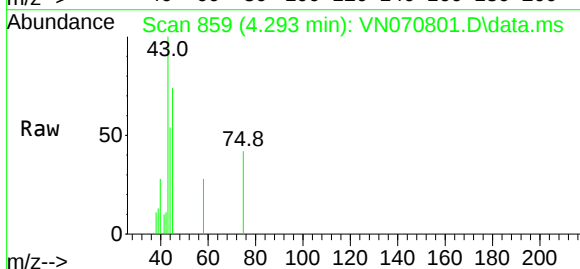
Acq: 27 Jan 2022 12:52

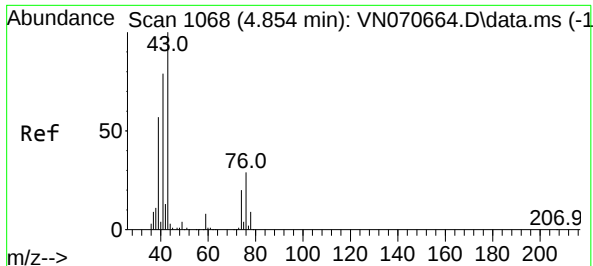
Tgt Ion: 43 Resp: 4961

Ion Ratio Lower Upper

43 100

58 28.1 23.1 34.7





#18

Methyl Acetate

Concen: 0.233 ug/l

RT: 4.859 min Scan# 1

Delta R.T. 0.005 min

Lab File: VN070801.D

Acq: 27 Jan 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

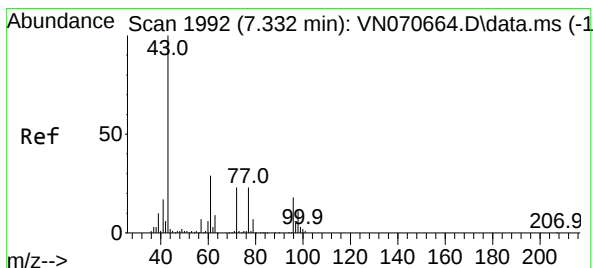
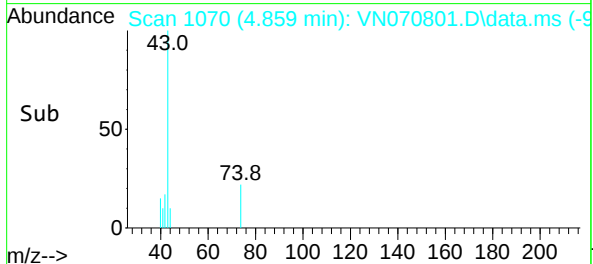
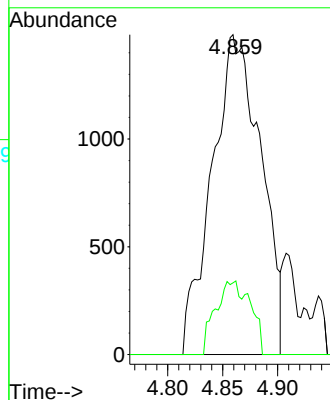
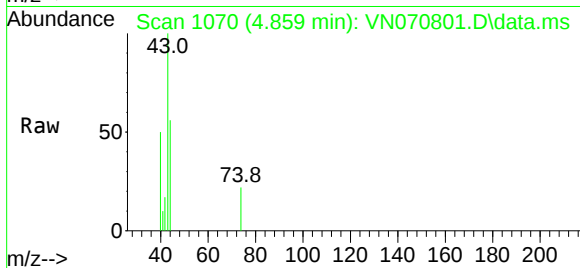
VN0127WBL01

Tgt Ion: 43 Resp: 4599

Ion Ratio Lower Upper

43 100

74 11.7 19.4 29.2#



#25

2-Butanone

Concen: 0.238 ug/l

RT: 7.351 min Scan# 1999

Delta R.T. 0.019 min

Lab File: VN070801.D

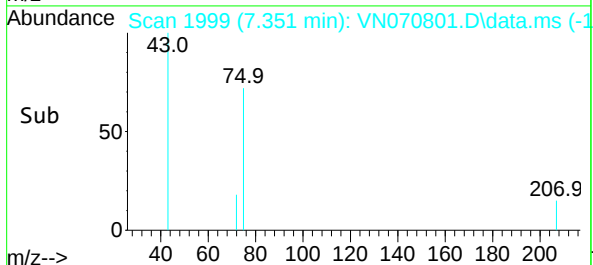
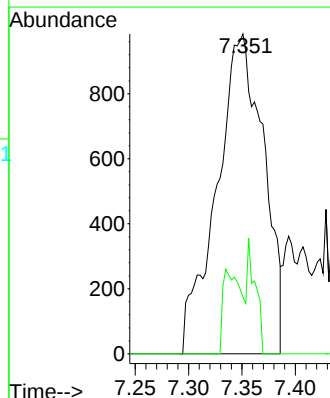
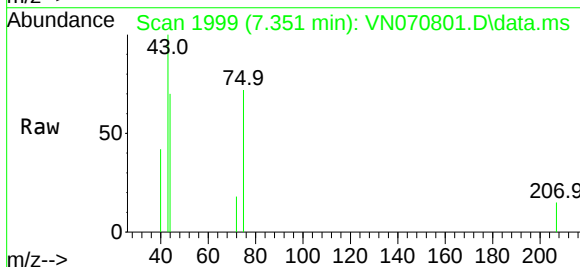
Acq: 27 Jan 2022 12:52

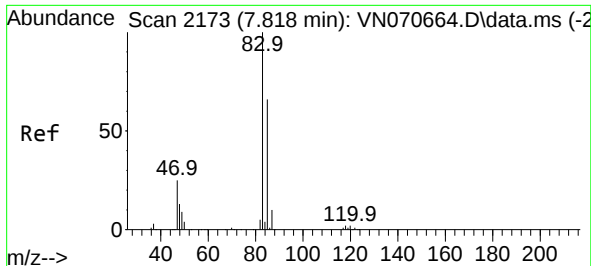
Tgt Ion: 43 Resp: 3012

Ion Ratio Lower Upper

43 100

72 17.8 21.7 32.5#

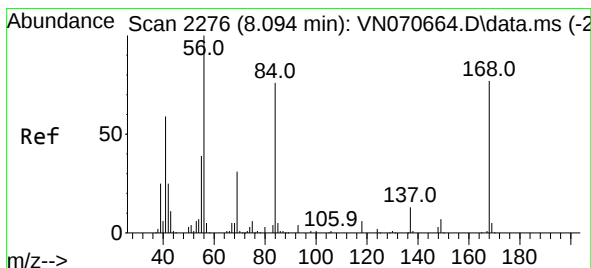
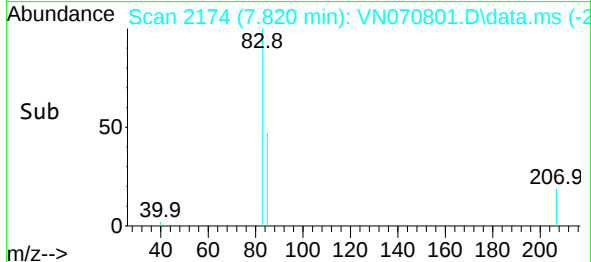
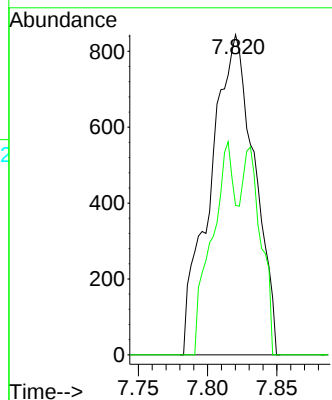
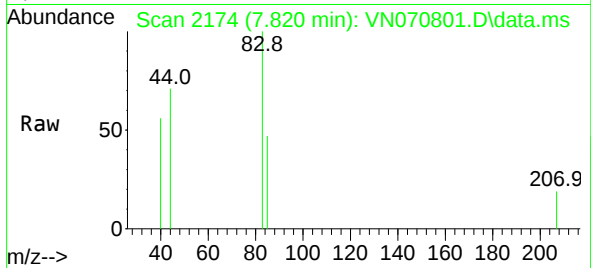




#30
Chloroform
Concen: Below Cal
RT: 7.820 min Scan# 2173
Delta R.T. 0.002 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

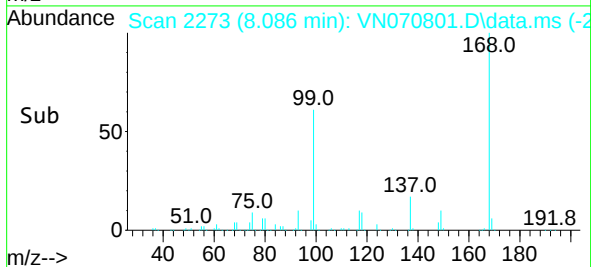
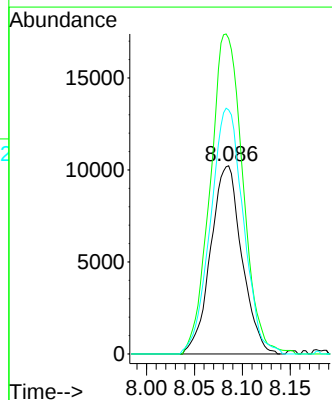
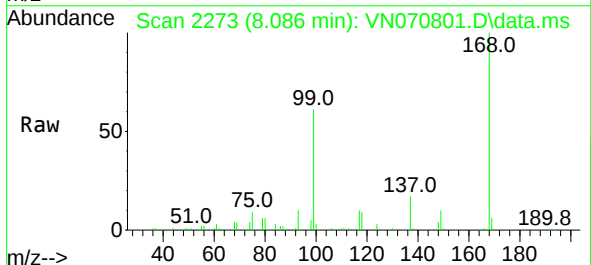
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

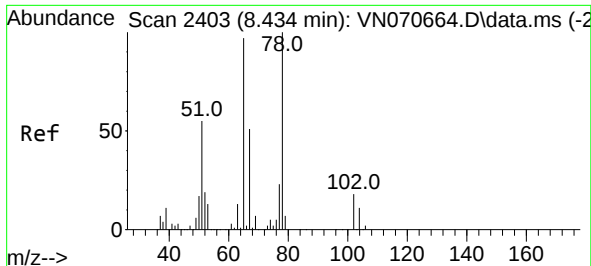
Tgt Ion: 83 Resp: 1876
Ion Ratio Lower Upper
83 100
85 46.7 51.9 77.9#



#31
Cyclohexane
Concen: 0.906 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.008 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion: 56 Resp: 23095
Ion Ratio Lower Upper
56 100
69 167.8 27.1 40.7#
84 129.7 73.4 110.0#





#33

1,2-Dichloroethane-d4

Concen: 49.075 ug/l

RT: 8.434 min Scan# 2403

Delta R.T. 0.000 min

Lab File: VN070801.D

Acq: 27 Jan 2022 12:52

Instrument :

MSVOA_N

ClientSampleId :

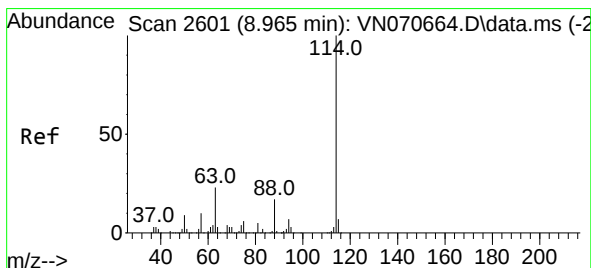
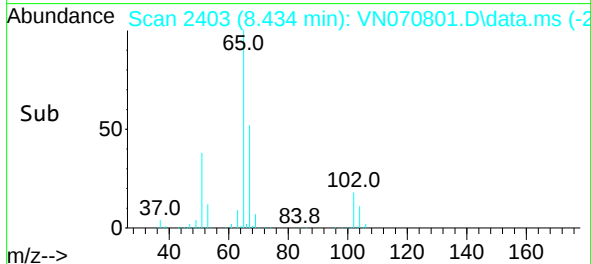
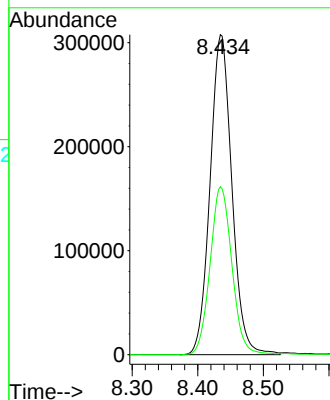
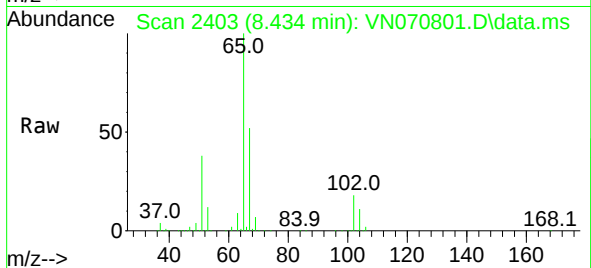
VN0127WBL01

Tgt Ion: 65 Resp: 710184

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070801.D

Acq: 27 Jan 2022 12:52

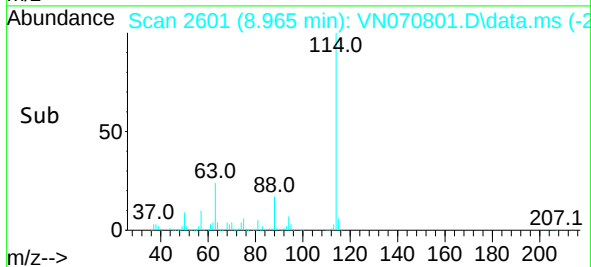
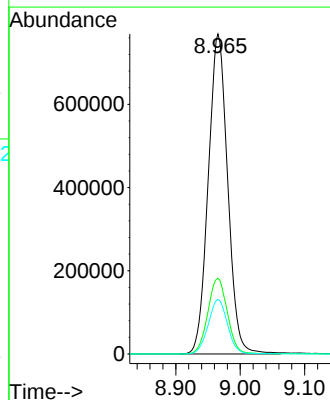
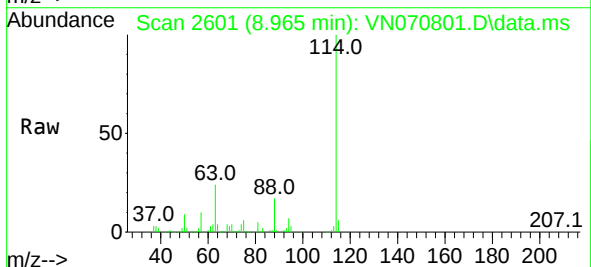
Tgt Ion: 114 Resp: 1611256

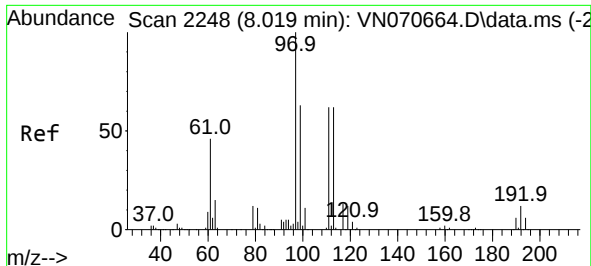
Ion Ratio Lower Upper

114 100

63 23.6 0.0 37.8

88 17.1 0.0 27.4

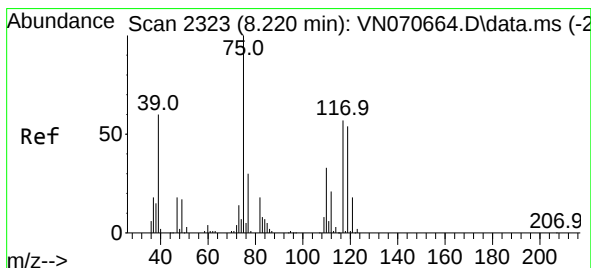
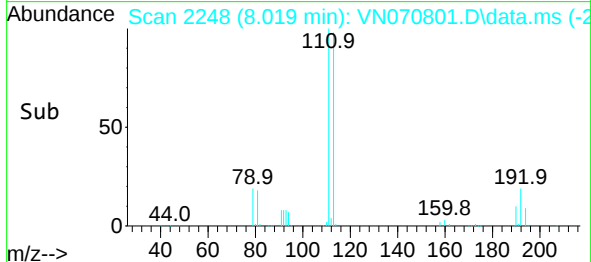
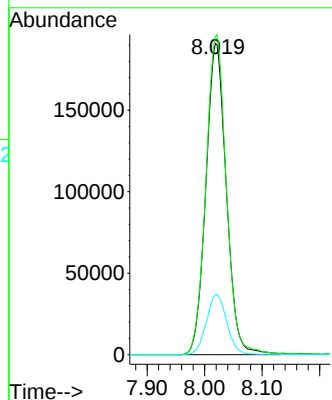
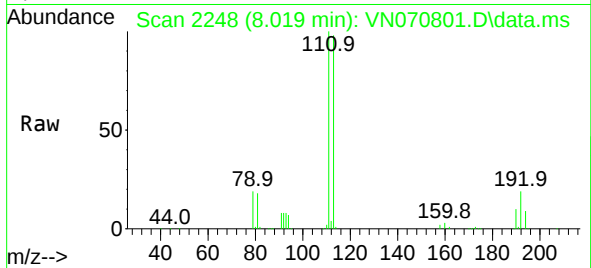




#35
Dibromofluoromethane
Concen: 47.271 ug/l
RT: 8.019 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

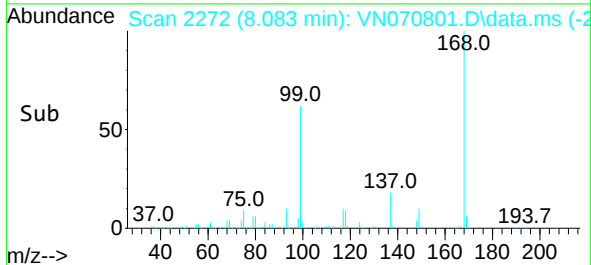
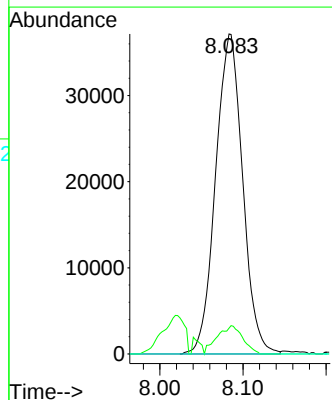
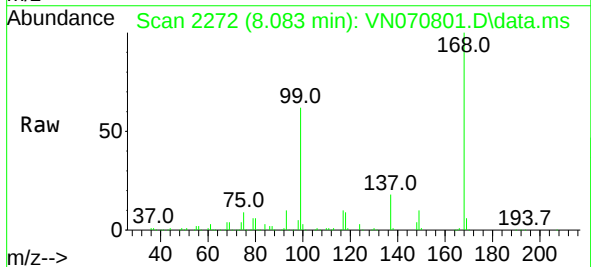
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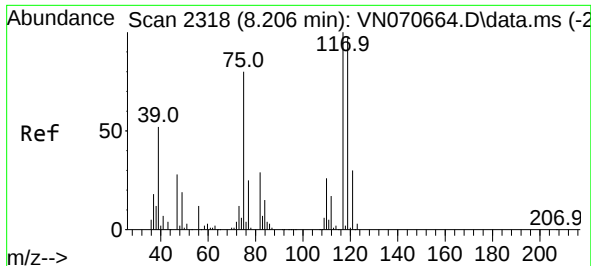
Tgt Ion:113 Resp: 472454
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 8.083 min Scan# 2272
Delta R.T. -0.137 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion: 75 Resp: 83986
Ion Ratio Lower Upper
75 100
110 8.4 18.4 55.2#
77 0.0 24.4 36.6#

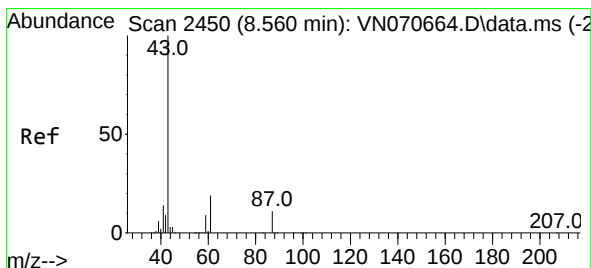
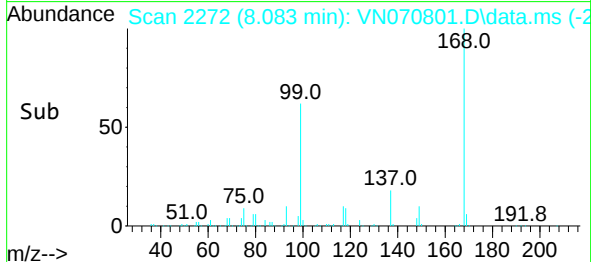
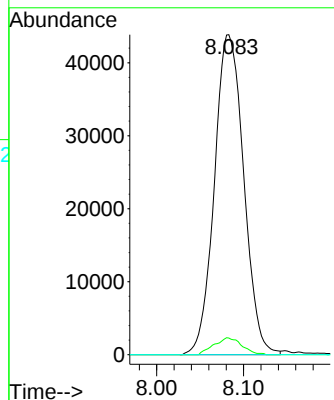
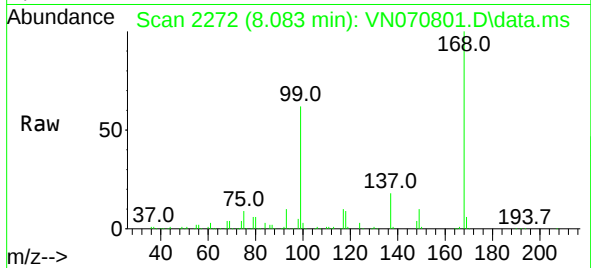




#38
Carbon Tetrachloride
Concen: 6.874 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.123 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

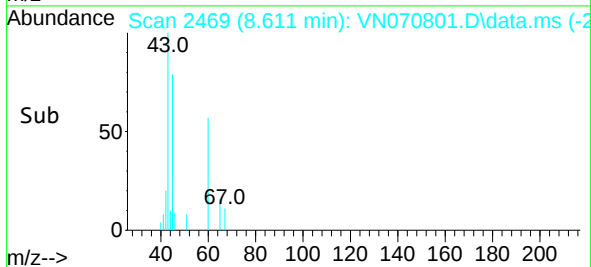
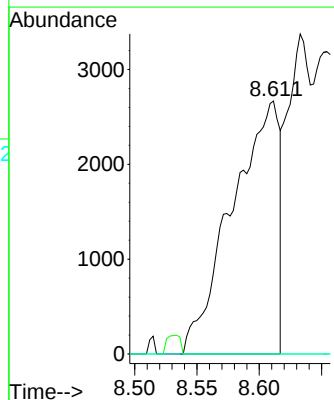
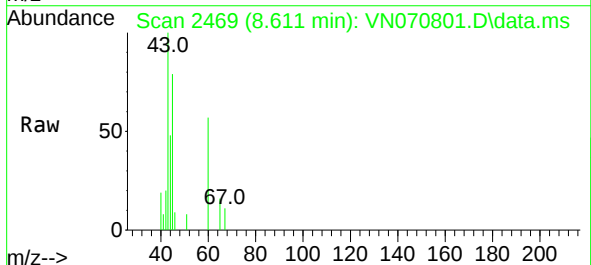
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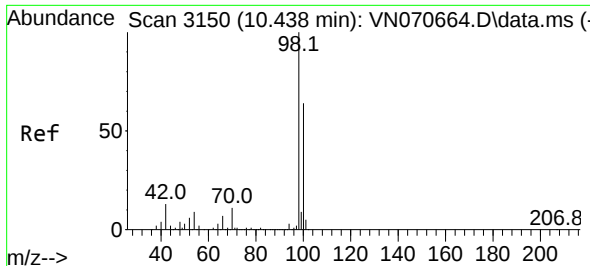
Tgt Ion:117 Resp: 102895
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.2 36.2#



#43
Isopropyl Acetate
Concen: 0.206 ug/l
RT: 8.611 min Scan# 2469
Delta R.T. 0.051 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion: 43 Resp: 7027
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 11.2 16.8#

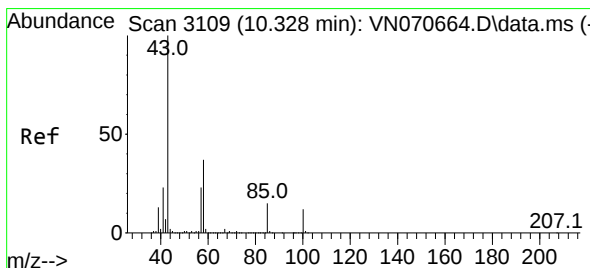
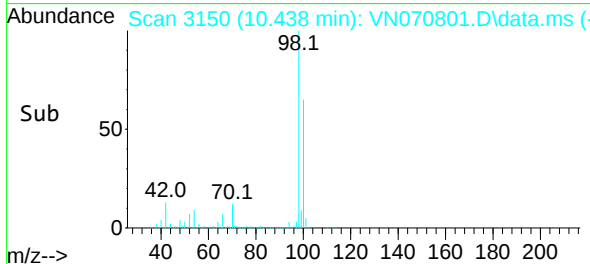
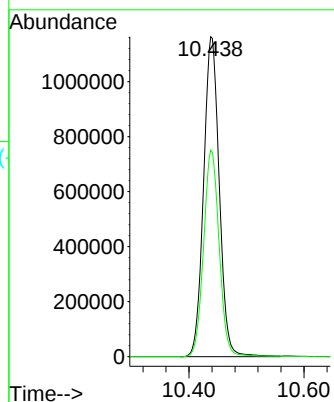
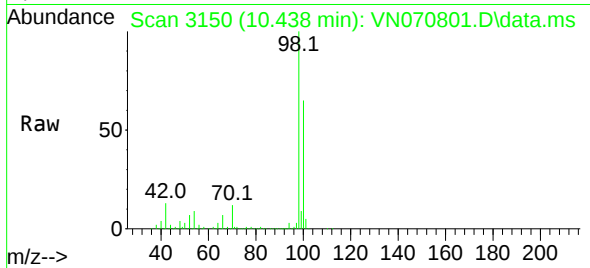




#50
Toluene-d8
Concen: 52.276 ug/l
RT: 10.438 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

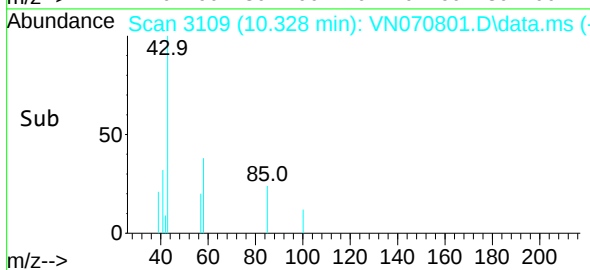
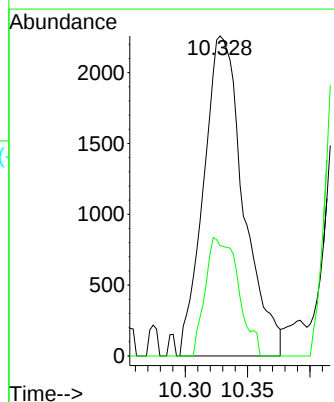
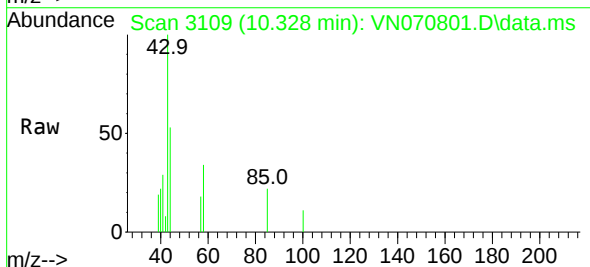
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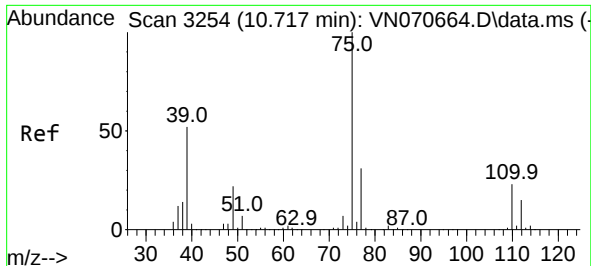
Tgt Ion: 98 Resp: 2201059
Ion Ratio Lower Upper
98 100
100 64.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 0.231 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion: 43 Resp: 5039
Ion Ratio Lower Upper
43 100
58 30.4 30.4 45.6

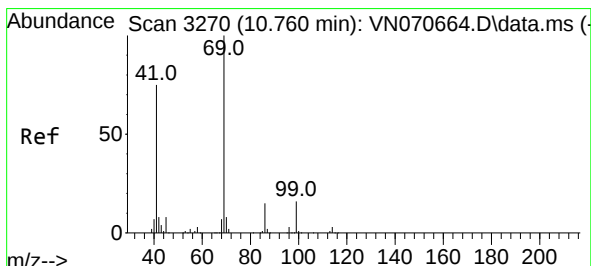
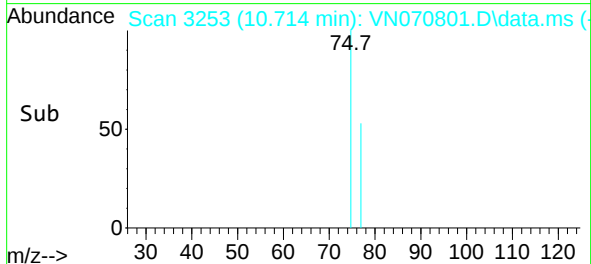
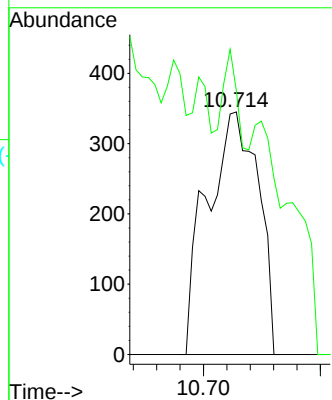
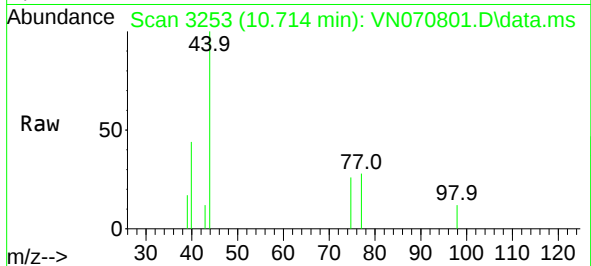




#53
t-1,3-Dichloropropene
Concen: 2.428 ug/l
RT: 10.714 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

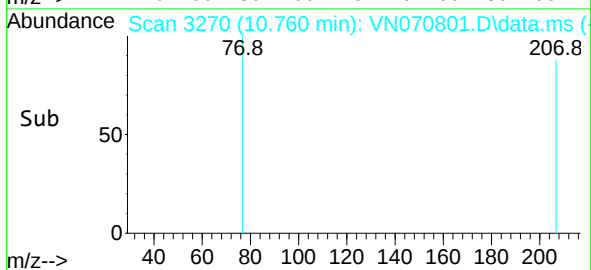
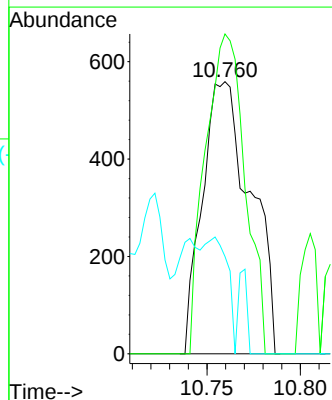
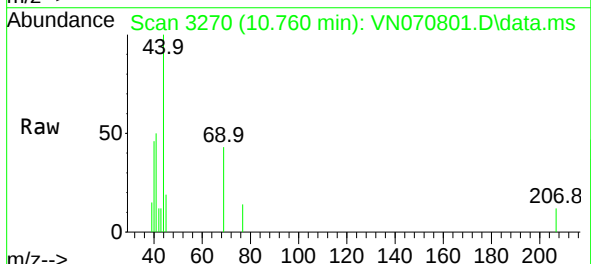
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

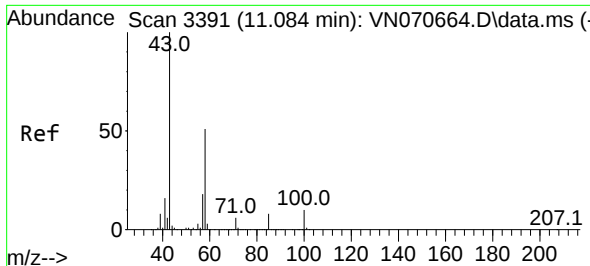
Tgt Ion: 75 Resp: 525
Ion Ratio Lower Upper
75 100
77 48.4 25.6 38.4#



#56
Ethyl methacrylate
Concen: 2.343 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion: 69 Resp: 1006
Ion Ratio Lower Upper
69 100
41 96.7 51.4 77.0#
39 5.5 34.6 52.0#

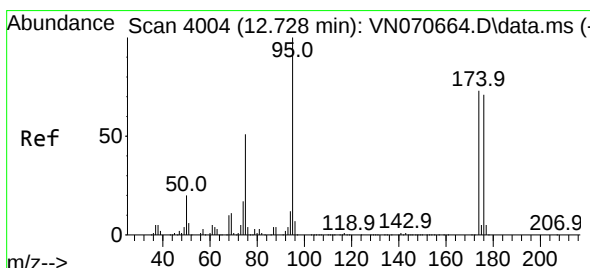
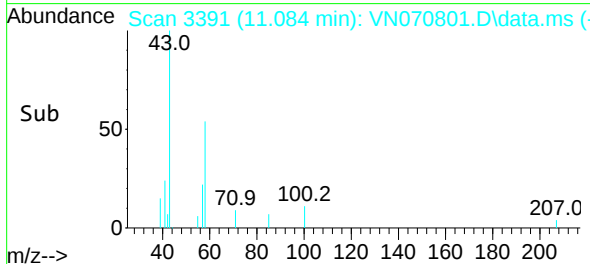
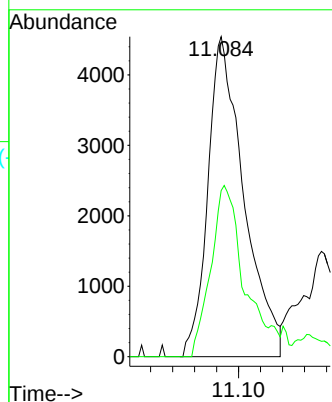
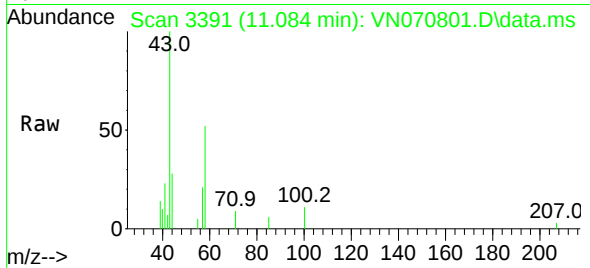




#59
2-Hexanone
Concen: 0.653 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

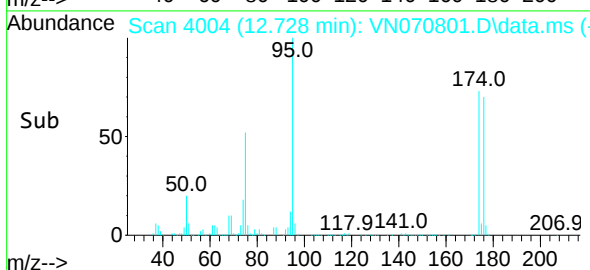
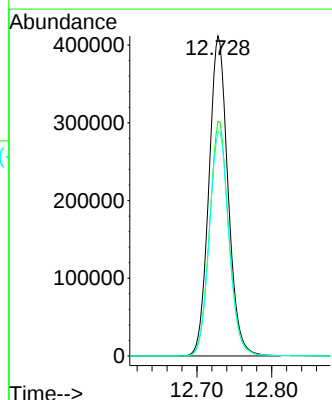
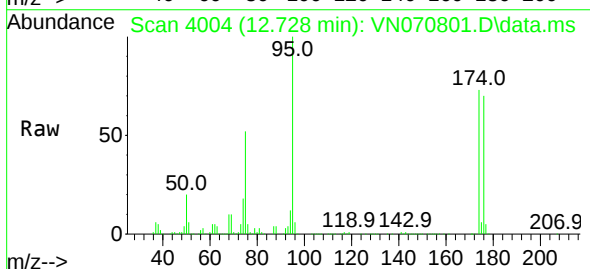
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

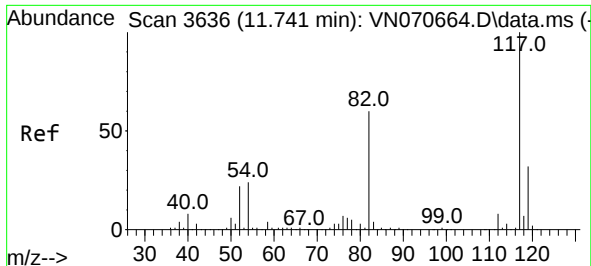
Tgt Ion: 43 Resp: 10330
Ion Ratio Lower Upper
43 100
58 50.4 26.9 80.7



#62
4-Bromofluorobenzene
Concen: 48.713 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion: 95 Resp: 730882
Ion Ratio Lower Upper
95 100
174 74.1 0.0 187.2
176 71.9 0.0 181.4

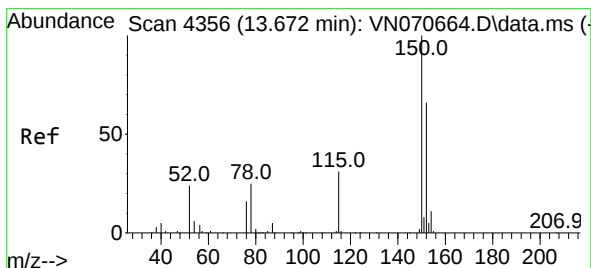
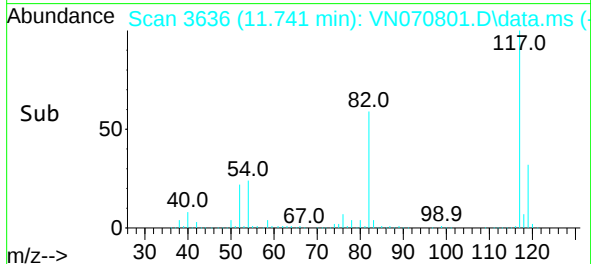
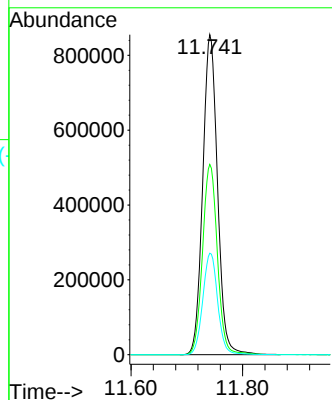
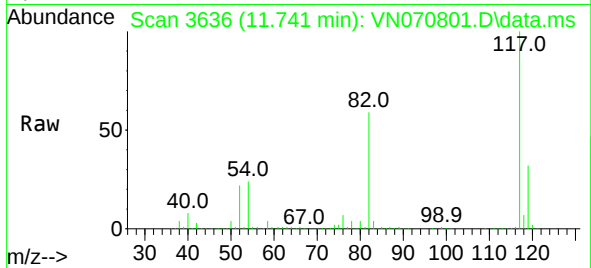




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.741 min Scan# 3636
Delta R.T. 0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

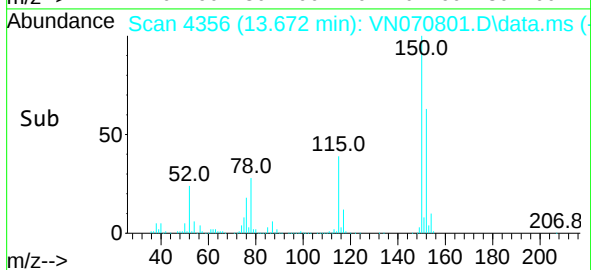
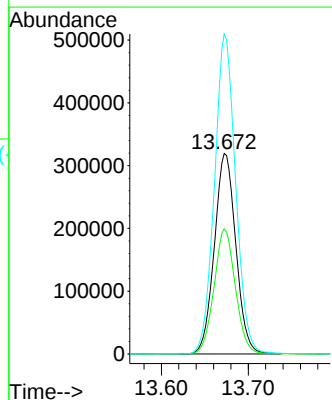
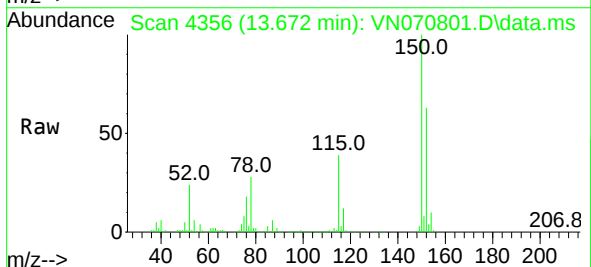
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

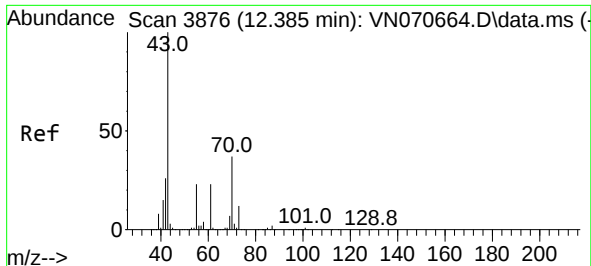
Tgt Ion:117 Resp: 1573344
Ion Ratio Lower Upper
117 100
82 59.5 42.4 63.6
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion:152 Resp: 548298
Ion Ratio Lower Upper
152 100
115 61.7 27.5 82.5
150 157.3 0.0 344.4

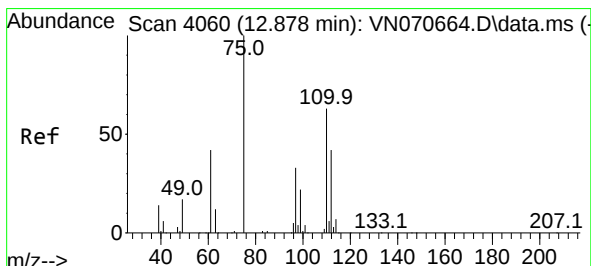
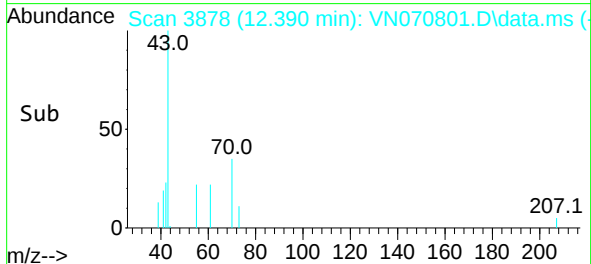
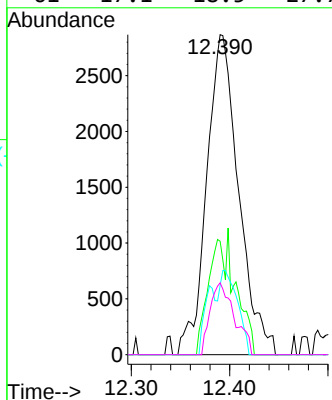
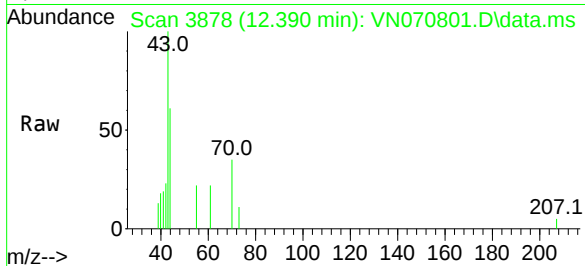




#74
N-amy1 acetate
Concen: 0.306 ug/l
RT: 12.390 min Scan# 3876
Delta R.T. 0.005 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

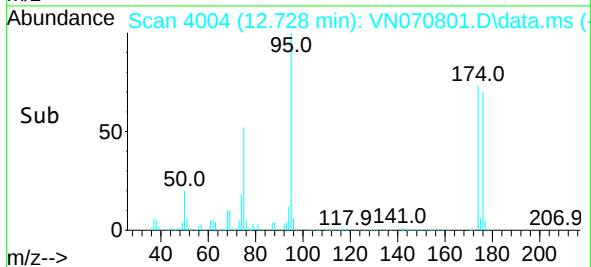
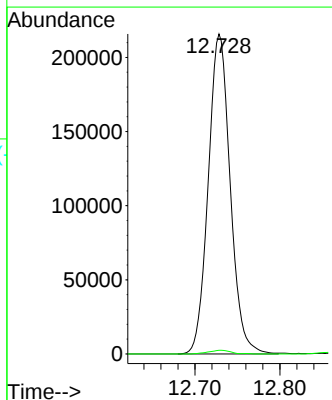
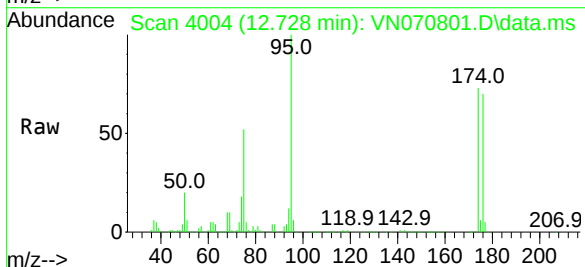
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

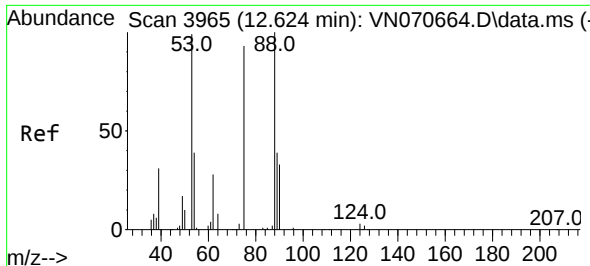
Tgt Ion:	43	Resp:	6482
Ion	Ratio	Lower	Upper
43	100		
70	18.7	33.4	50.0#
55	14.4	19.3	28.9#
61	17.1	18.5	27.7#



#76
1,2,3-Trichloropropane
Concen: 26.667 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.150 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion:	75	Resp:	387793
Ion	Ratio	Lower	Upper
75	100		
77	1.1	82.6	247.8#

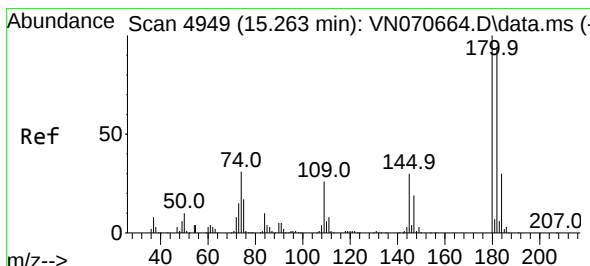
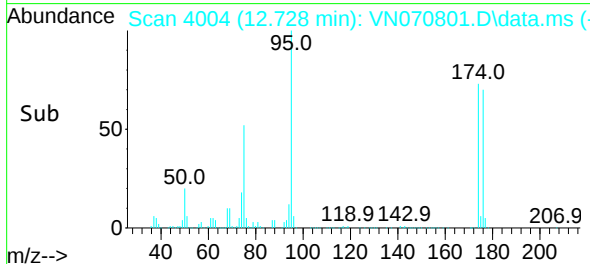
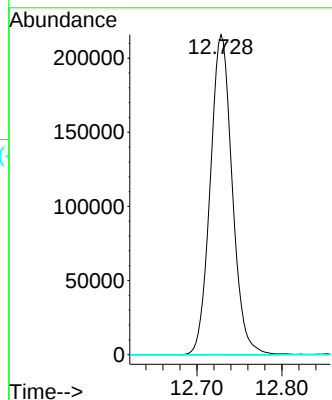
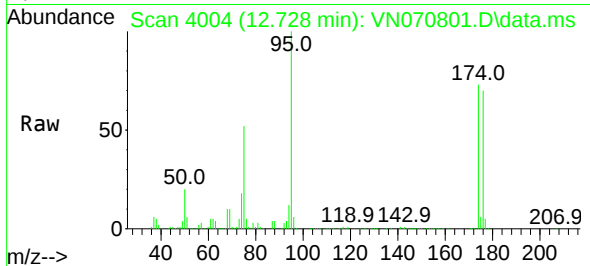




#81
 trans-1,4-Dichloro-2-butene
 Concen: 79.444 ug/l
 RT: 12.728 min Scan# 4004
 Delta R.T. 0.104 min
 Lab File: VN070801.D
 Acq: 27 Jan 2022 12:52

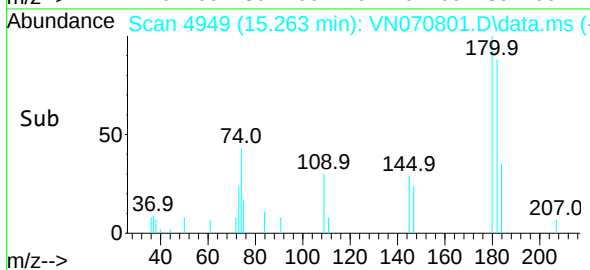
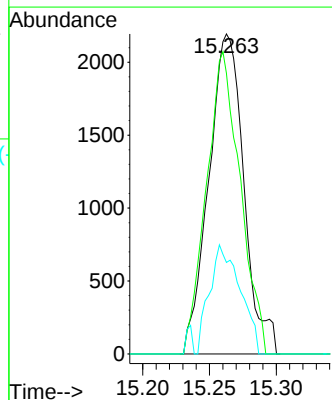
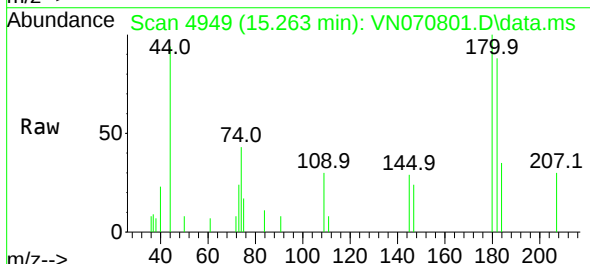
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBL01

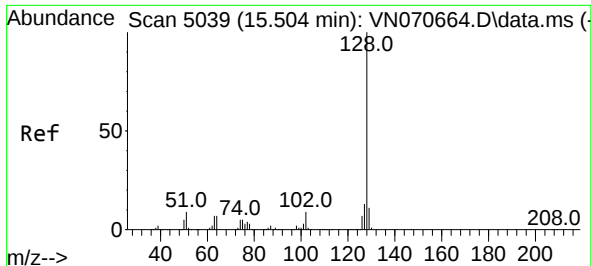
Tgt Ion: 75 Resp: 387793
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 38.2 57.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 3.794 ug/l
 RT: 15.263 min Scan# 4949
 Delta R.T. -0.000 min
 Lab File: VN070801.D
 Acq: 27 Jan 2022 12:52

Tgt Ion: 180 Resp: 4013
 Ion Ratio Lower Upper
 180 100
 182 90.8 48.3 144.9
 145 29.9 14.5 43.5

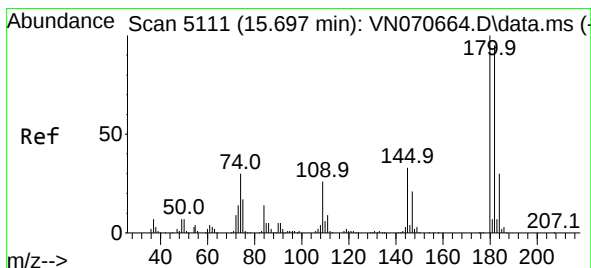
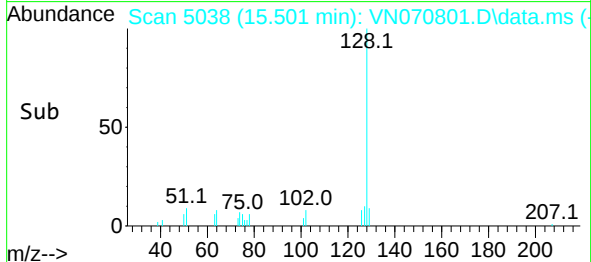
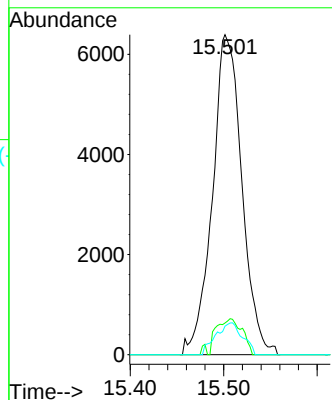
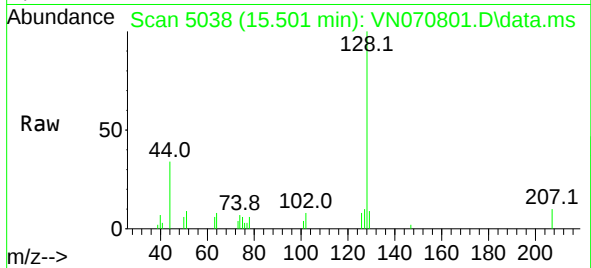




#95
Naphthalene
Concen: 5.392 ug/l
RT: 15.501 min Scan# 5038
Delta R.T. -0.003 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

Tgt Ion:128 Resp: 13999
Ion Ratio Lower Upper
128 100
127 9.8 10.5 15.7#
129 9.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 3.611 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070801.D
Acq: 27 Jan 2022 12:52

Tgt Ion:180 Resp: 4093
Ion Ratio Lower Upper
180 100
182 109.3 47.4 142.2
145 29.7 15.0 45.1

