

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072021\
 Data File : VN067826.D
 Acq On : 20 Jul 2021 18:50
 Operator : JC/MD
 Sample : M3089-07
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 05:11:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	308799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	590804	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	602094	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	227544	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	241188	51.681	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.360%	
35) Dibromofluoromethane	8.024	113	177199	49.643	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.280%	
50) Toluene-d8	10.446	98	762027	51.002	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 102.000%	
62) 4-Bromofluorobenzene	12.733	95	259520	49.170	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 98.340%	

Target Compounds			Qvalue			
5) Bromomethane	2.826	94	60	Below Cal	#	4
6) Chloroethane	3.014	64	78	Below Cal	#	44
7) Trichlorofluoromethane	3.365	101	213	Below Cal		88
11) Tert butyl alcohol	5.385	59	272	0.406	ug/l #	71
13) Acrolein	4.039	56	310	Below Cal	#	58
16) Acetone	4.293	43	50418	34.333	ug/l	96
18) Methyl Acetate	4.870	43	8207	1.990	ug/l #	78
20) Methylene Chloride	5.095	84	32996	9.055	ug/l	93
25) 2-Butanone	7.345	43	5571	2.285	ug/l	91
29) Tetrahydrofuran	7.697	42	4486	2.797	ug/l #	78
31) Cyclohexane	8.086	56	8303	1.269	ug/l #	4
36) 1,1-Dichloropropene	8.086	75	28312	5.159	ug/l #	51
38) Carbon Tetrachloride	8.086	117	34421	6.359	ug/l #	17
43) Isopropyl Acetate	8.563	43	30189	3.228	ug/l #	93
45) 1,2-Dichloropropane	9.625	63	1683	0.405	ug/l #	44
48) Methyl methacrylate	9.547	41	8903	2.152	ug/l #	13
49) 1,4-Dioxane	9.628	88	25	32.427	ug/l #	1
51) 4-Methyl-2-Pentanone	10.333	43	11277	1.962	ug/l #	81
53) t-1,3-Dichloropropene	10.725	75	97	1.758	ug/l #	1
54) cis-1,3-Dichloropropene	10.247	75	52855	8.238	ug/l #	64
57) 1,3-Dichloropropane	11.095	76	26509	3.749	ug/l #	43
59) 2-Hexanone	11.095	43	415122	103.494	ug/l #	54
60) Dibromochloromethane	11.240	129	55	2.367	ug/l #	11
71) Bromoform	12.712	173	48	3.187	ug/l #	29
74) N-amyl acetate	12.393	43	3286	0.493	ug/l #	80
76) 1,2,3-Trichloropropane	12.733	75	144421	31.079	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	144421	100.203	ug/l #	6
82) 4-Chlorotoluene	13.106	91	2554	0.206	ug/l	87
87) 1,3-Dichlorobenzene	13.616	146	1918	0.254	ug/l	94
88) 1,4-Dichlorobenzene	13.616	146	1918	0.249	ug/l	95
89) n-Butylbenzene	13.943	91	4799	0.395	ug/l	97
91) 1,2-Dichlorobenzene	13.997	146	1514	0.208	ug/l #	76
92) 1,2-Dibromo-3-Chloropr...	14.605	75	198	0.214	ug/l #	46
93) 1,2,4-Trichlorobenzene	15.271	180	3439	3.533	ug/l	91
94) Hexachlorobutadiene	15.373	225	615	0.402	ug/l #	71
95) Naphthalene	15.509	128	15654	4.333	ug/l #	92

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Response via : Initial Calibration

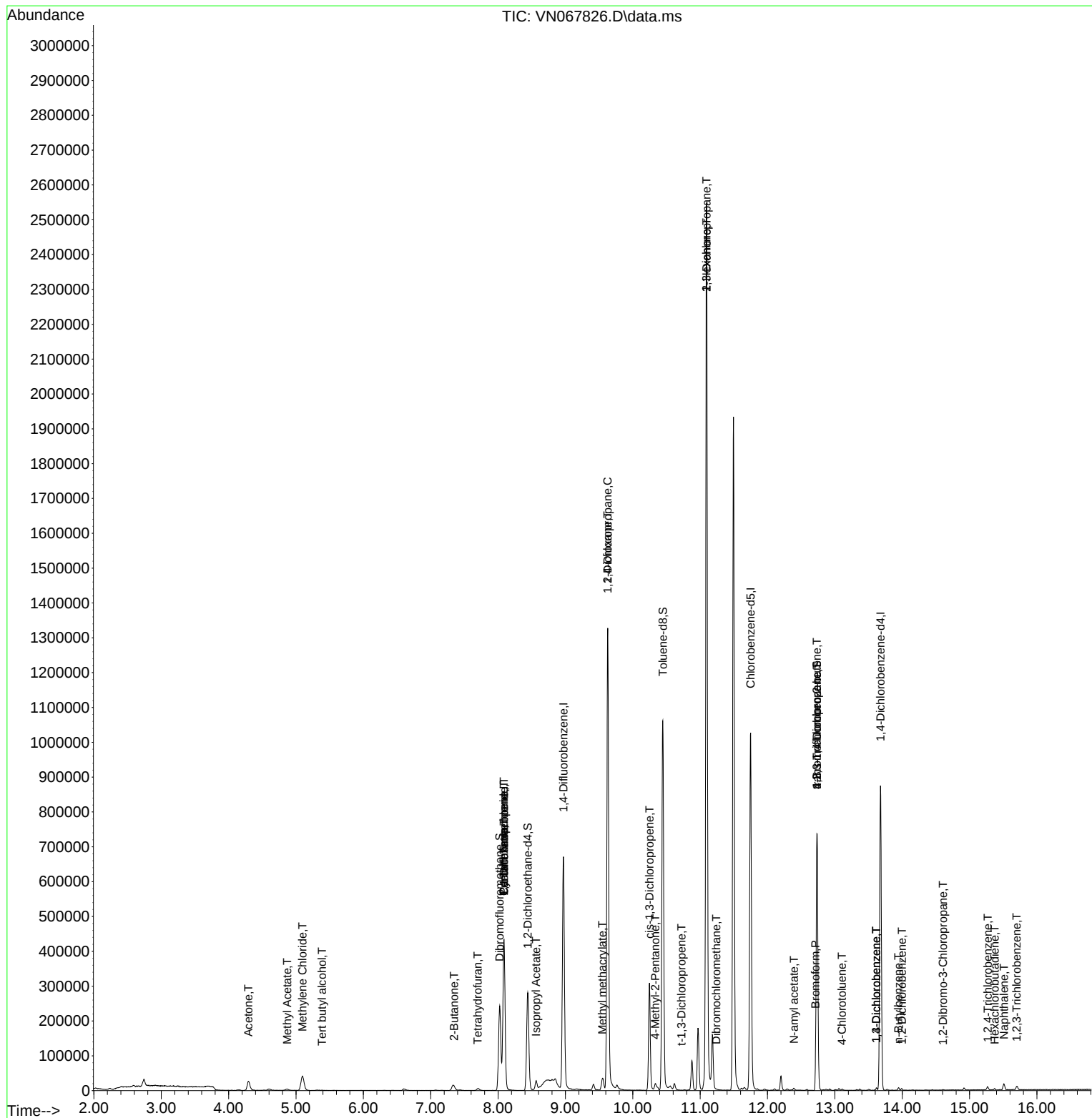
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.700	180	4094	3.700	ug/l	98

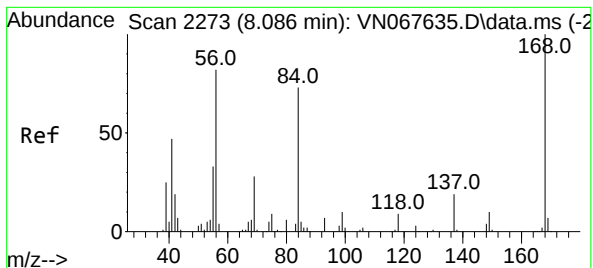
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. 0.002 min

Lab File: VN067826.D

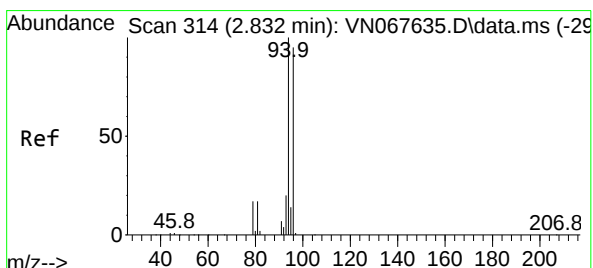
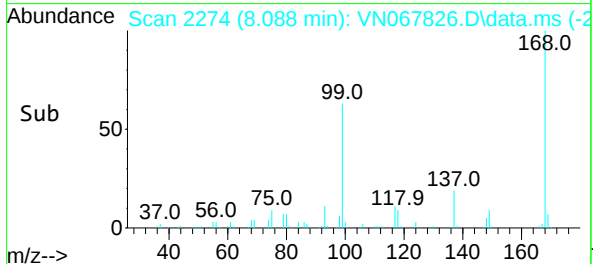
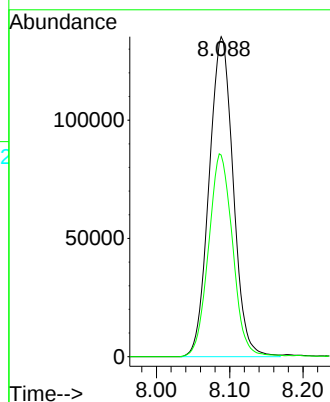
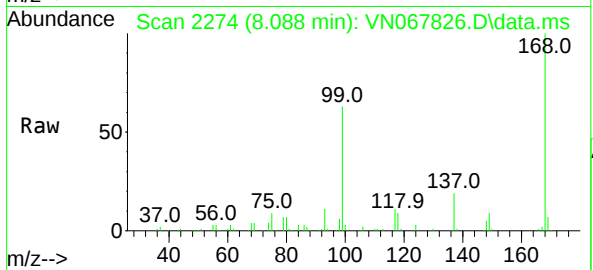
Acq: 20 Jul 2021 18:50

Tgt Ion:168 Resp: 308799

Ion Ratio Lower Upper

168 100

99 63.0 62.9 94.3



#5

Bromomethane

Concen: Below Cal

RT: 2.826 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN067826.D

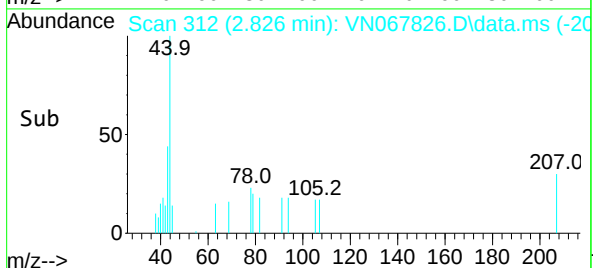
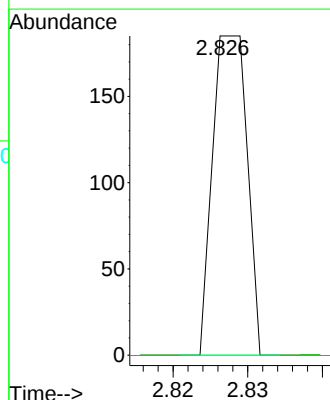
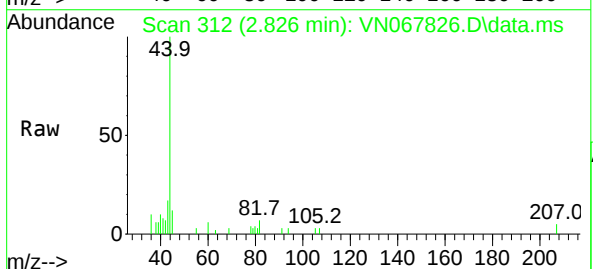
Acq: 20 Jul 2021 18:50

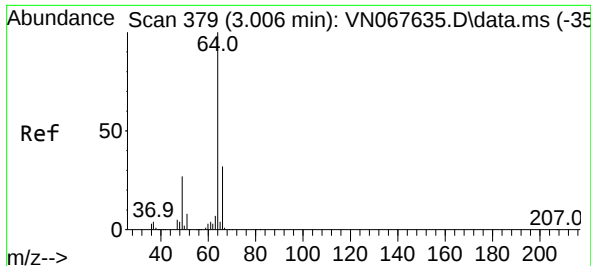
Tgt Ion: 94 Resp: 60

Ion Ratio Lower Upper

94 100

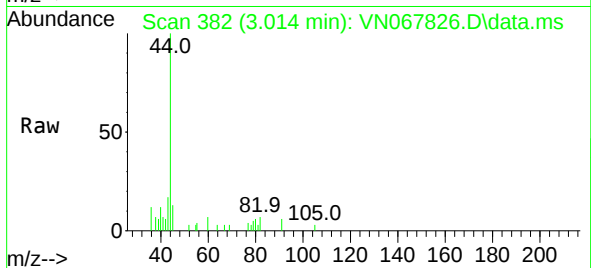
96 0.0 73.7 110.5#



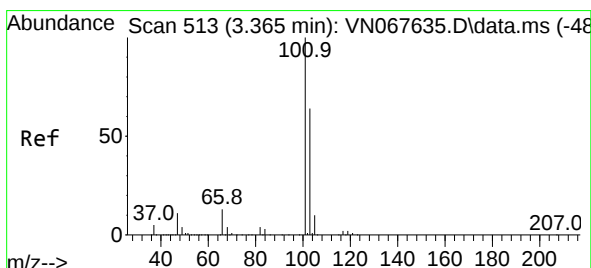
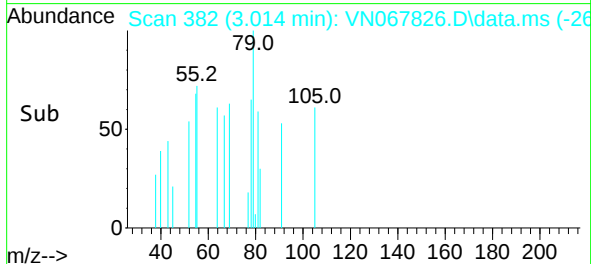
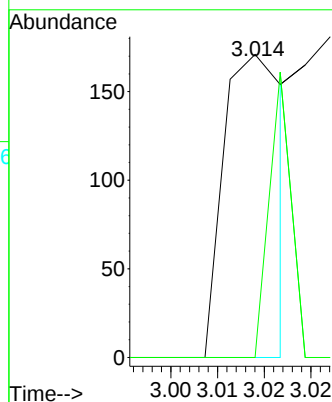


#6
Chloroethane
Concen: Below Cal
RT: 3.014 min Scan# 382
Delta R.T. 0.008 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Instrument :
MSVOA_N
ClientSampled :

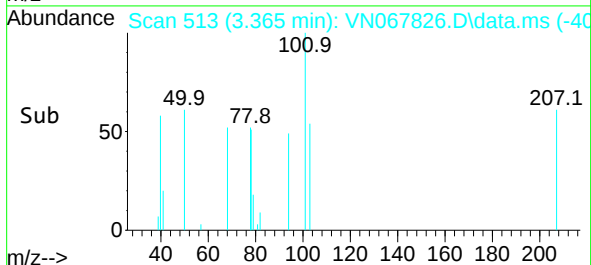
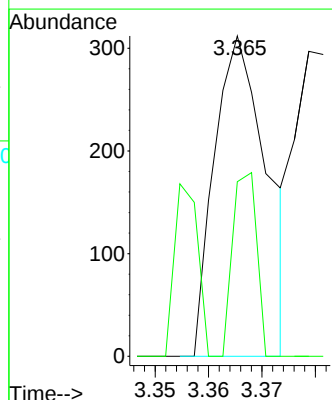
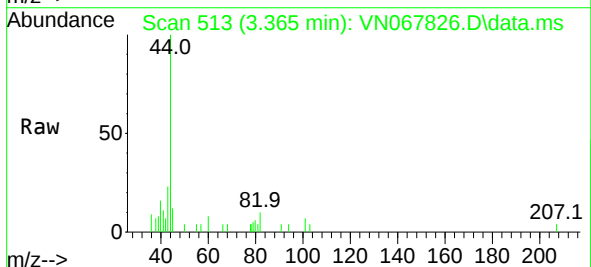


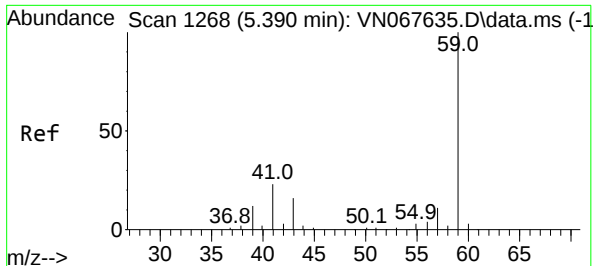
Tgt Ion: 64 Resp: 78
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.365 min Scan# 513
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 101 Resp: 213
Ion Ratio Lower Upper
101 100
103 54.5 51.2 76.8

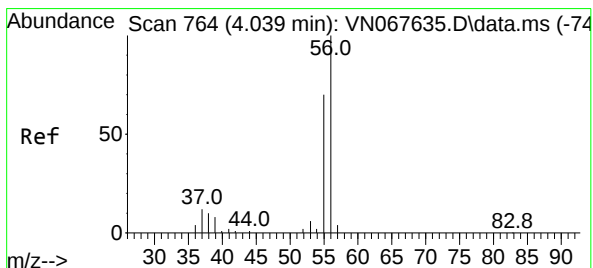
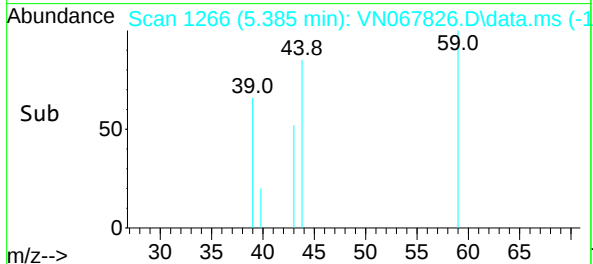
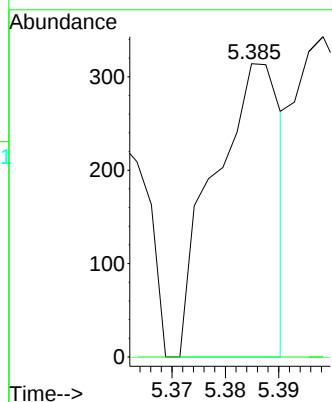
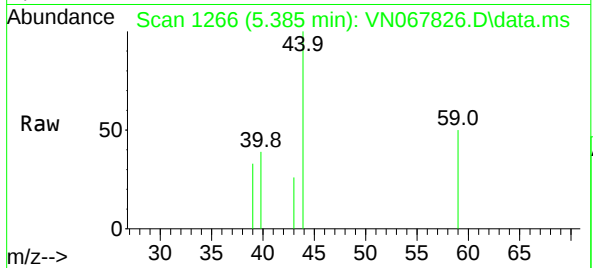




#11
Tert butyl alcohol
Concen: 0.406 ug/l
RT: 5.385 min Scan# 1266
Delta R.T. -0.005 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

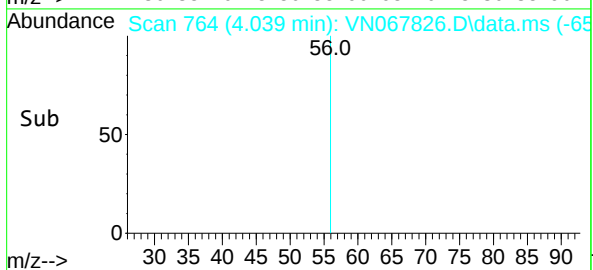
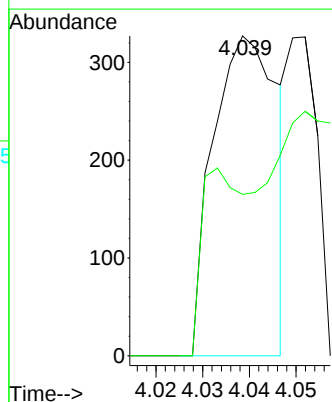
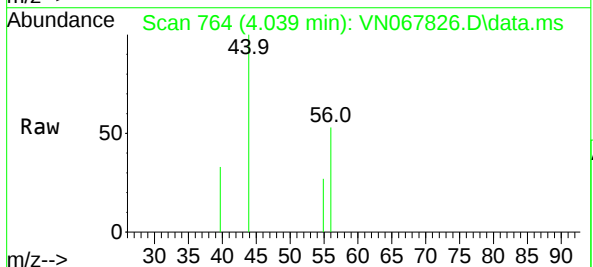
Instrument :
MSVOA_N
ClientSampled :

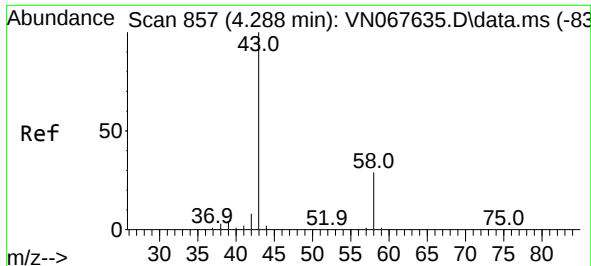
Tgt Ion: 59 Resp: 272
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#13
Acrolein
Concen: Below Cal
RT: 4.039 min Scan# 764
Delta R.T. -0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 56 Resp: 310
Ion Ratio Lower Upper
56 100
55 37.1 57.4 86.0#

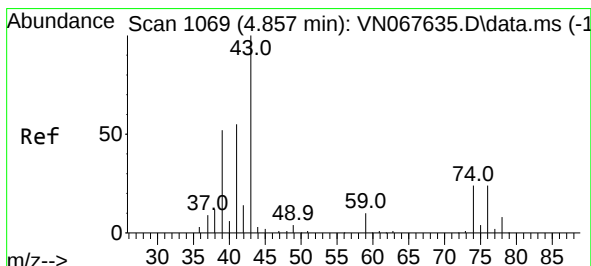
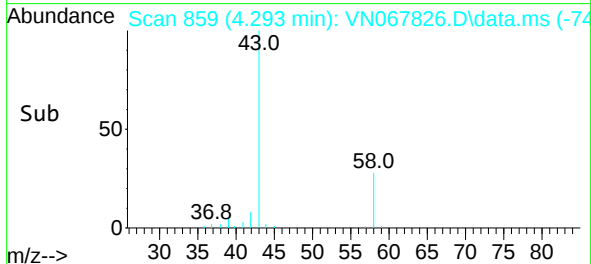
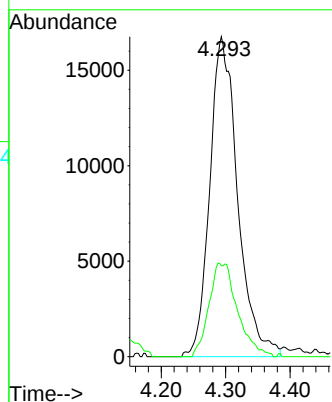
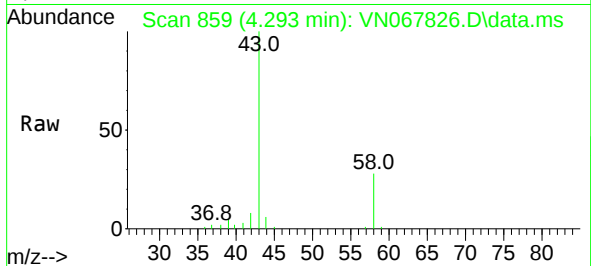




#16
Acetone
Concen: 34.333 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

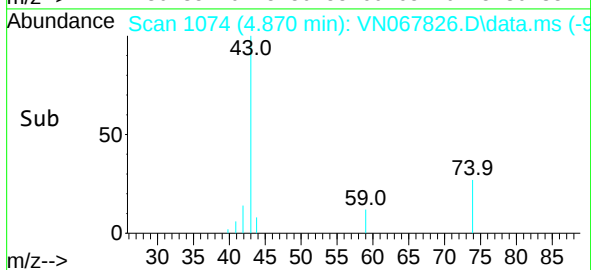
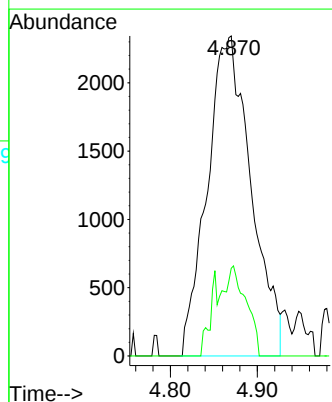
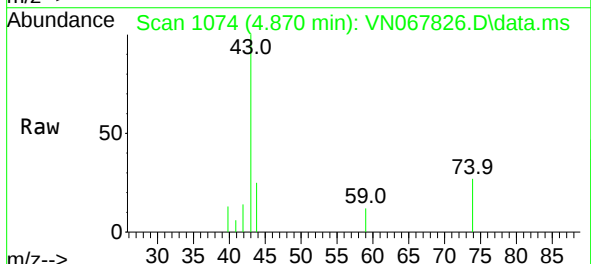
Instrument :
MSVOA_N
ClientSampled :

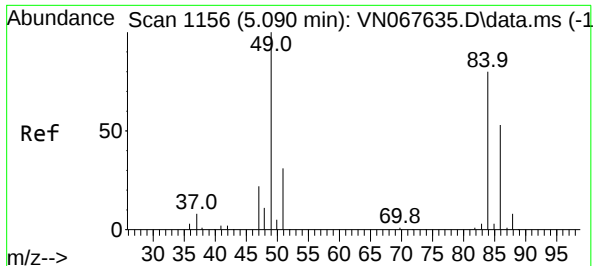
Tgt Ion: 43 Resp: 50418
Ion Ratio Lower Upper
43 100
58 28.4 21.2 31.8



#18
Methyl Acetate
Concen: 1.990 ug/l
RT: 4.870 min Scan# 1074
Delta R.T. 0.013 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

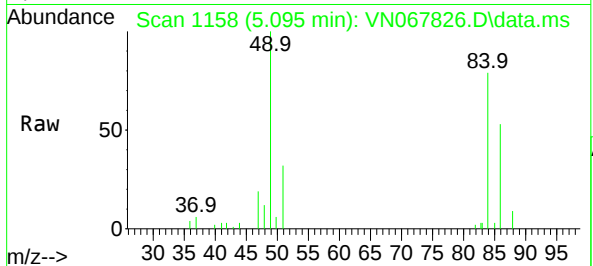
Tgt Ion: 43 Resp: 8207
Ion Ratio Lower Upper
43 100
74 11.2 17.4 26.0#



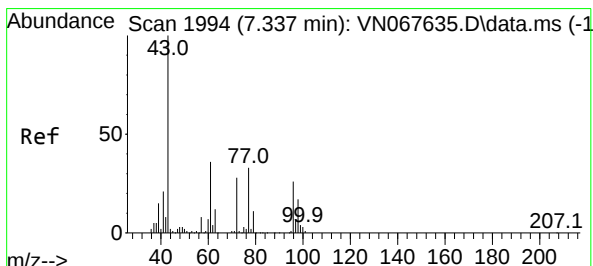
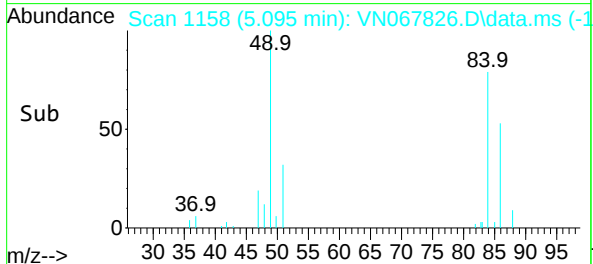
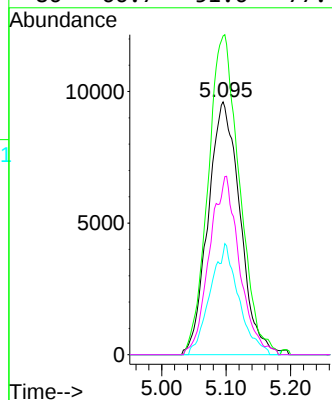


#20
Methylene Chloride
Concen: 9.055 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.005 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

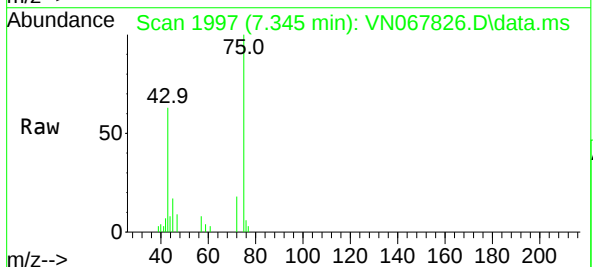
Instrument :
MSVOA_N
ClientSampled :



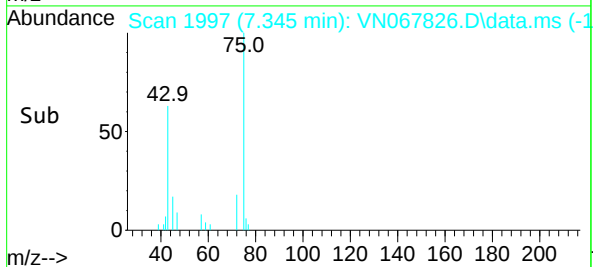
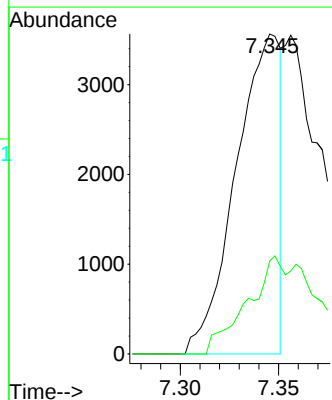
Tgt Ion:	84	Resp:	32996
Ion	Ratio	Lower	Upper
84	100		
49	126.1	110.9	166.3
51	39.8	32.6	49.0
86	66.7	51.6	77.4

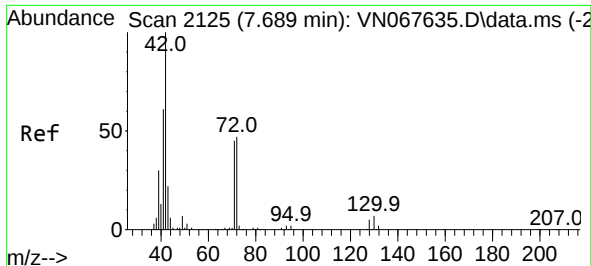


#25
2-Butanone
Concen: 2.285 ug/l
RT: 7.345 min Scan# 1997
Delta R.T. 0.008 min
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Tgt Ion:	43	Resp:	5571
Ion	Ratio	Lower	Upper
43	100		
72	29.0	19.7	29.5





#29

Tetrahydrofuran

Concen: 2.797 ug/l

RT: 7.697 min Scan# 2128

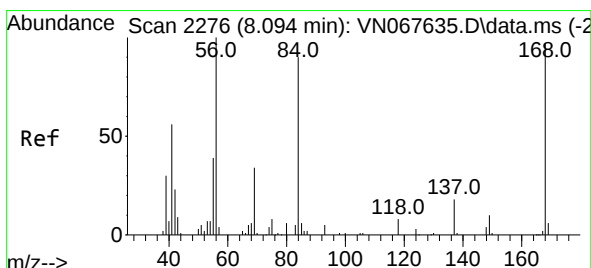
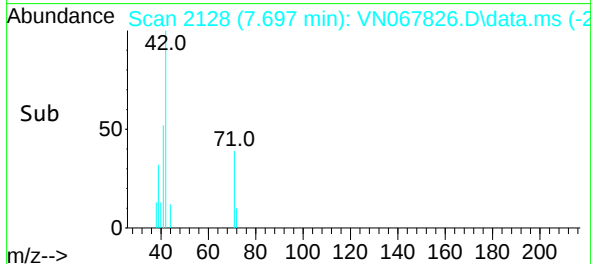
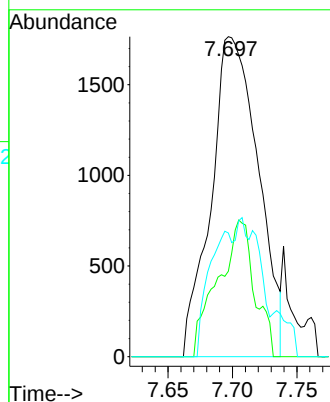
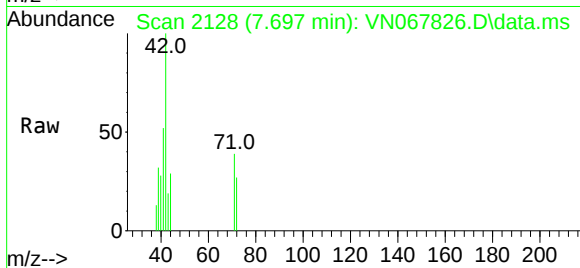
Delta R.T. 0.008 min

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Instrument :
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ClientSampled :

Tgt Ion:	42	Resp:	4486
Ion	Ratio	Lower	Upper
42	100		
72	33.2	32.8	49.2
71	19.5	31.2	46.8#



#31

Cyclohexane

Concen: 1.269 ug/l

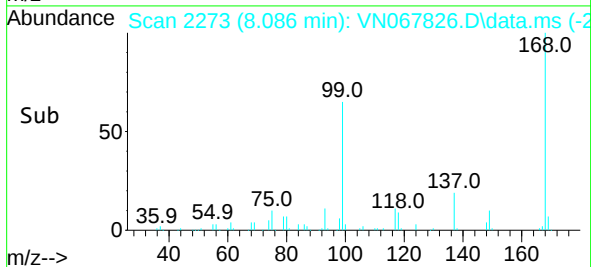
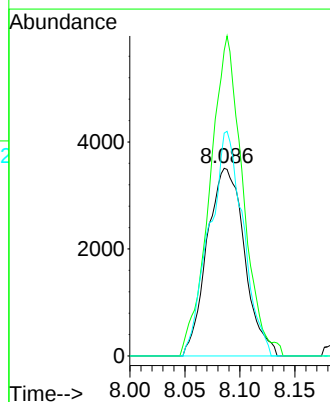
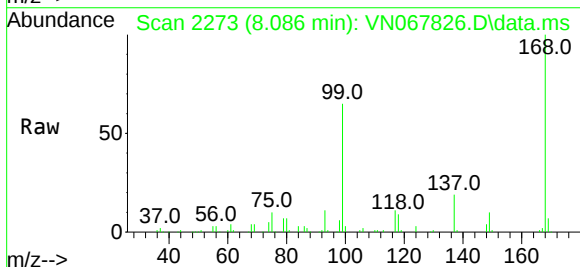
RT: 8.086 min Scan# 2273

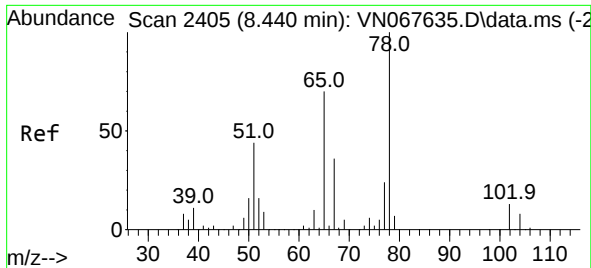
Delta R.T. -0.008 min

Lab File: VN067826.D

Acq: 20 Jul 2021 18:50

Tgt Ion:	56	Resp:	8303
Ion	Ratio	Lower	Upper
56	100		
69	162.8	27.3	40.9#
84	118.8	64.9	97.3#



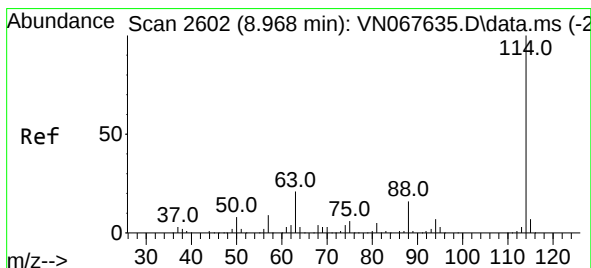
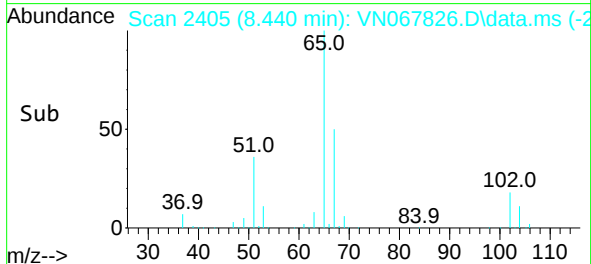
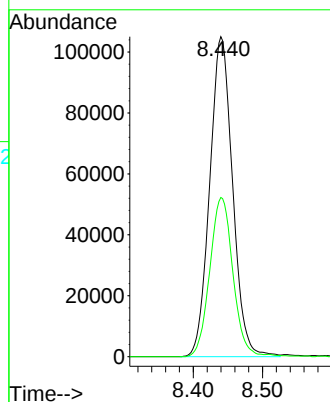
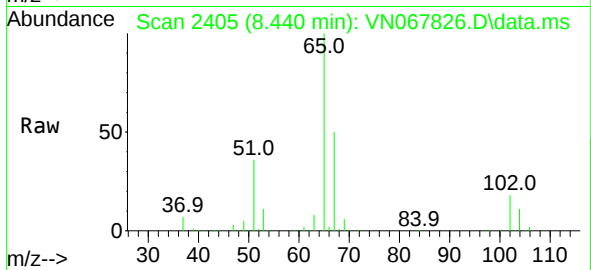


#33

1,2-Dichloroethane-d4
Concen: 51.681 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Instrument :
MSVOA_N
ClientSampled :

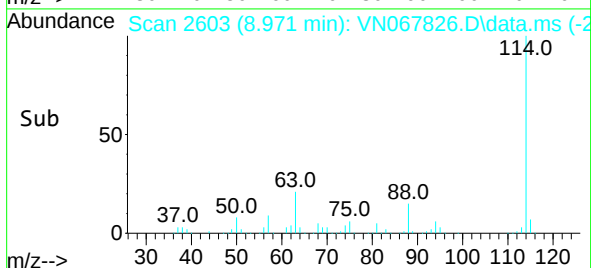
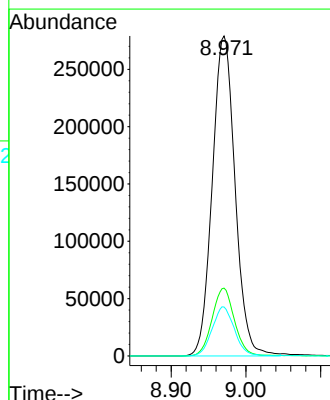
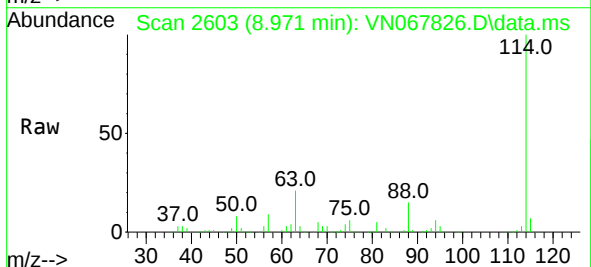
Tgt Ion: 65 Resp: 241188
Ion Ratio Lower Upper
65 100
67 50.1 0.0 98.6

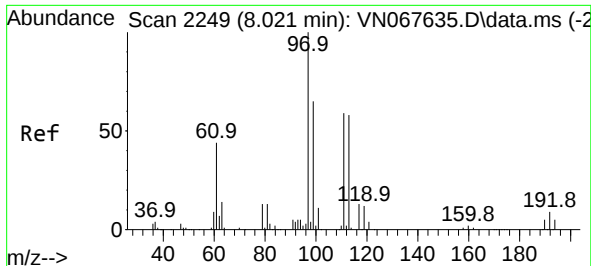


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 114 Resp: 590804
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.0
88 15.3 0.0 36.6

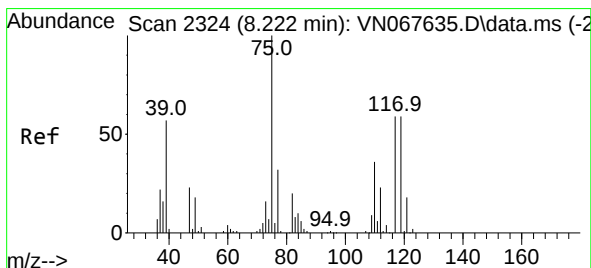
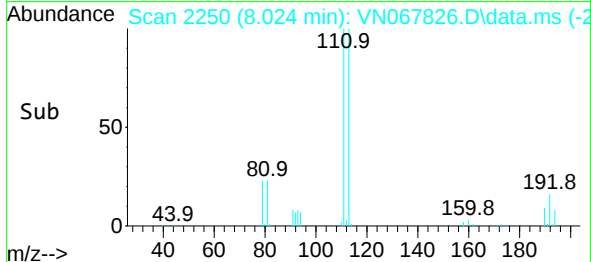
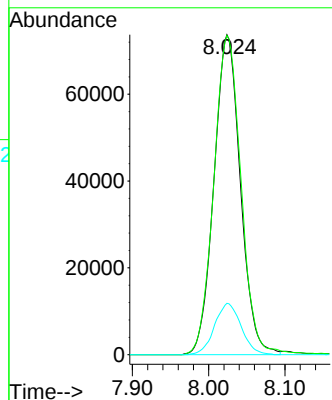
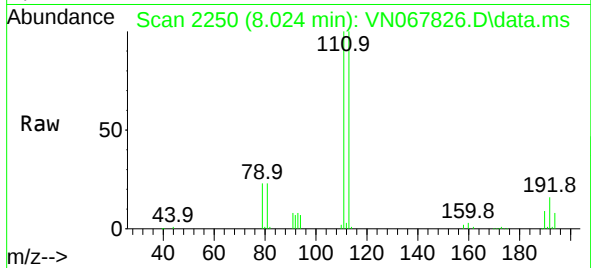




#35
Dibromofluoromethane
Concen: 49.643 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

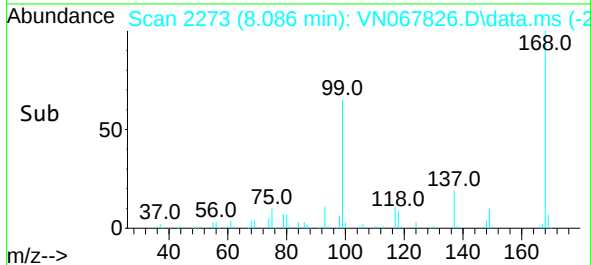
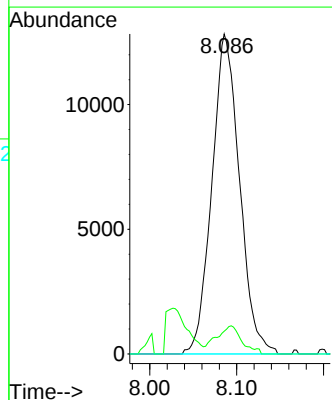
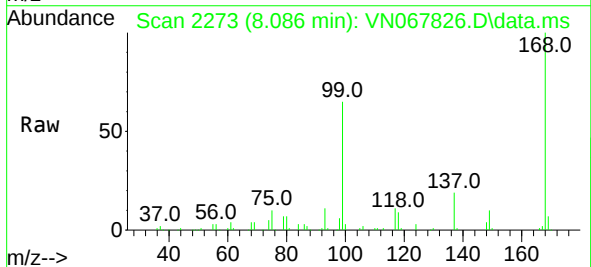
Instrument :
MSVOA_N
ClientSampled :

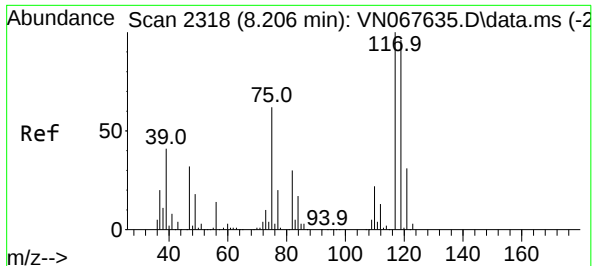
Tgt Ion:113 Resp: 177199
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.8
192 16.2 13.4 20.0



#36
1,1-Dichloropropene
Concen: 5.159 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

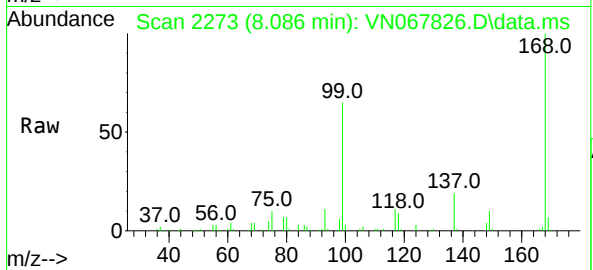
Tgt Ion: 75 Resp: 28312
Ion Ratio Lower Upper
75 100
110 8.2 15.7 47.0#
77 0.0 24.6 37.0#



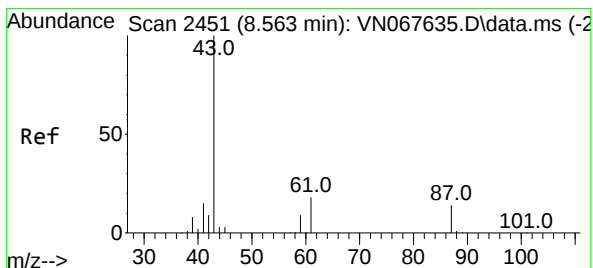
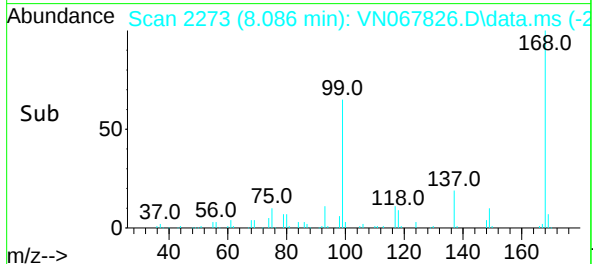
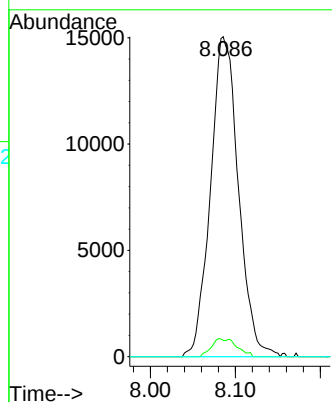


#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Instrument :
MSVOA_N
ClientSampled :

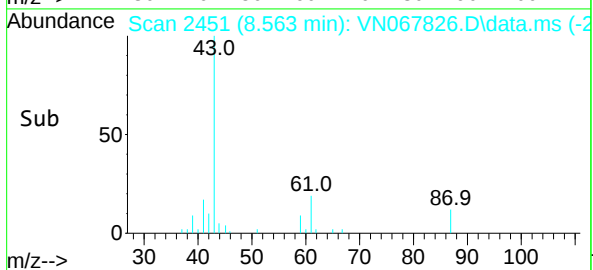
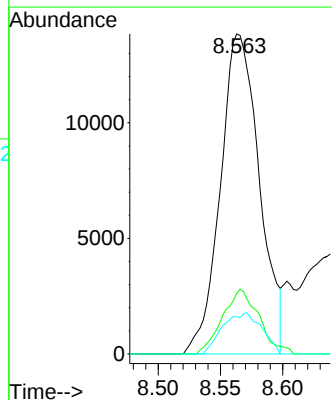
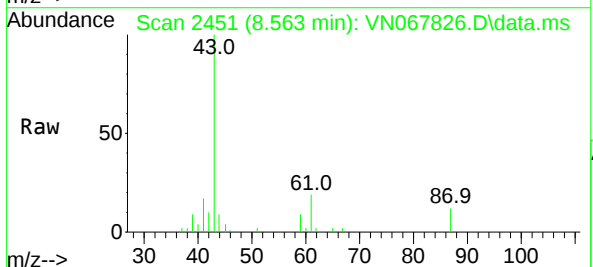


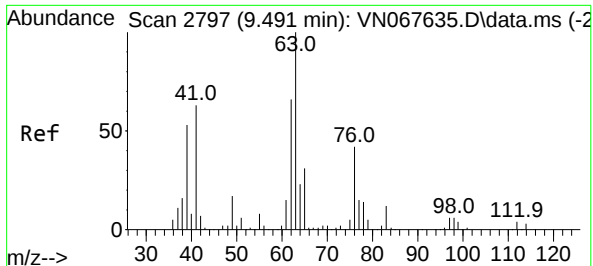
Tgt Ion:117 Resp: 34421
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 23.5 35.3#



#43
Isopropyl Acetate
Concen: 3.228 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 43 Resp: 30189
Ion Ratio Lower Upper
43 100
61 18.9 19.0 28.4#
87 12.9 9.5 14.3



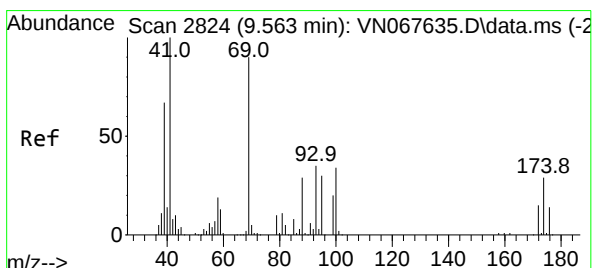
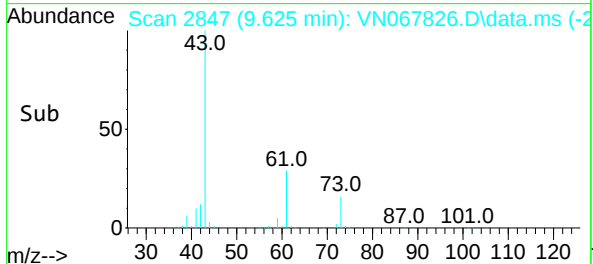
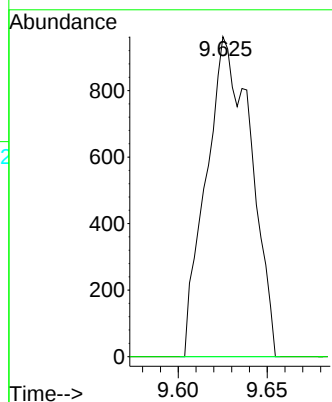
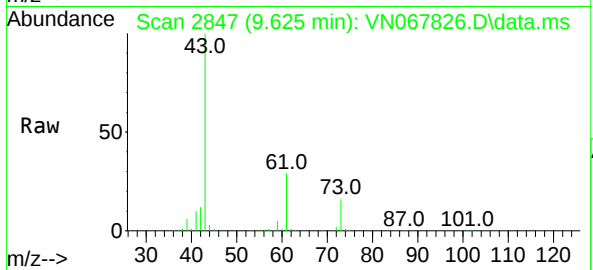


#45

1,2-Dichloropropane
Concen: 0.405 ug/l
RT: 9.625 min Scan# 2847
Delta R.T. 0.134 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Instrument :
MSVOA_N
ClientSampled :

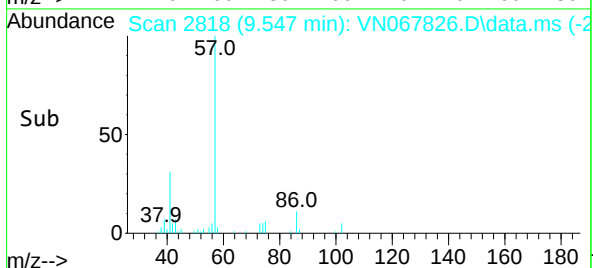
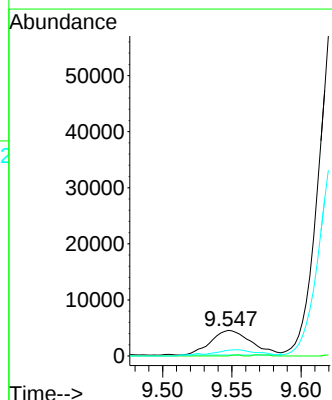
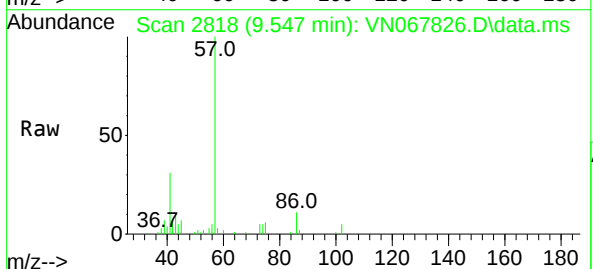
Tgt Ion: 63 Resp: 1683
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#

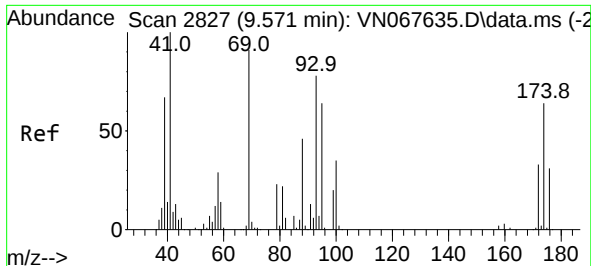


#48

Methyl methacrylate
Concen: 2.152 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 41 Resp: 8903
Ion Ratio Lower Upper
41 100
69 0.9 64.6 96.8#
39 0.0 53.3 79.9#

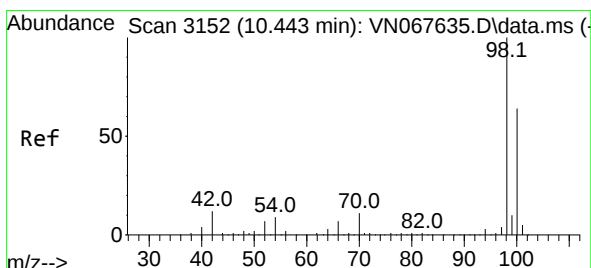
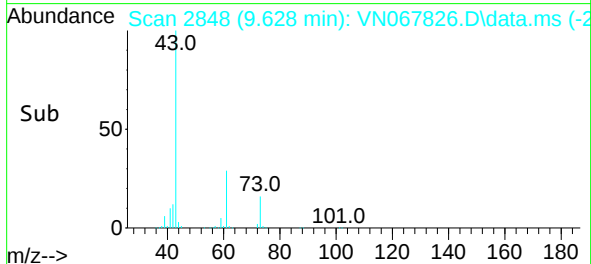
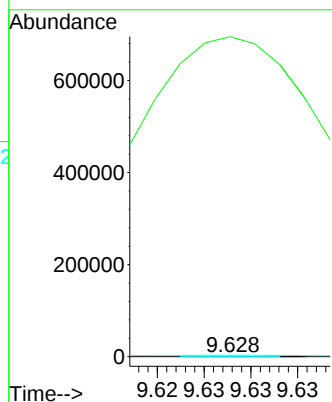
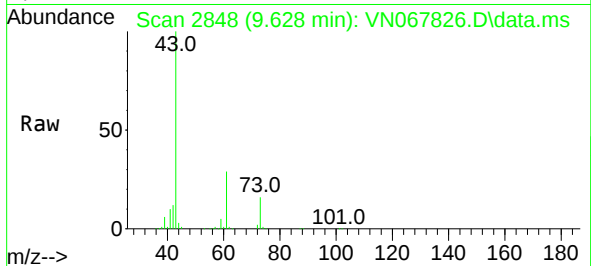




#49
1,4-Dioxane
Concen: 32.427 ug/l
RT: 9.628 min Scan# 2848
Delta R.T. 0.057 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

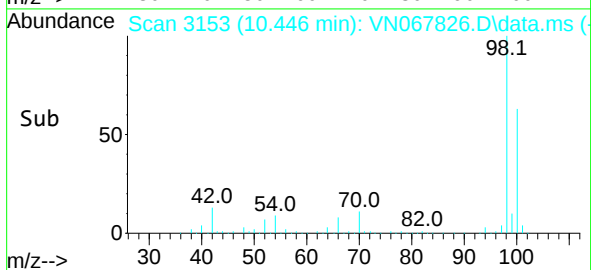
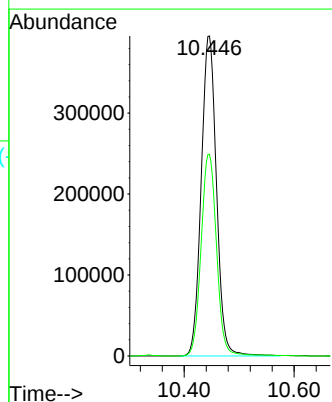
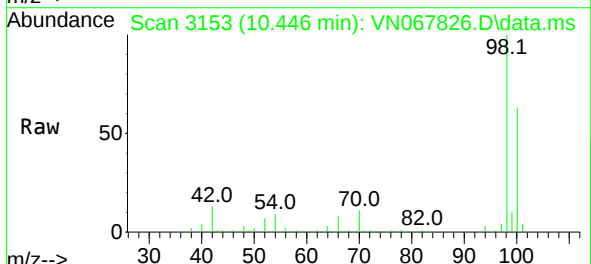
Instrument :
MSVOA_N
ClientSampled :

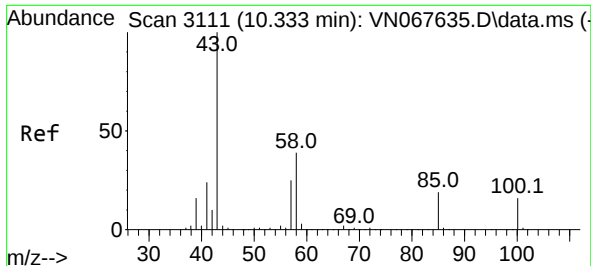
Tgt Ion: 88 Resp: 25
Ion Ratio Lower Upper
88 100
43 5236376.0 28.8 43.2#
58 24596.0 60.4 90.6#



#50
Toluene-d8
Concen: 51.002 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 98 Resp: 762027
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5

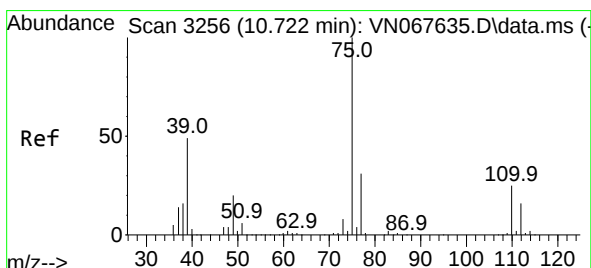
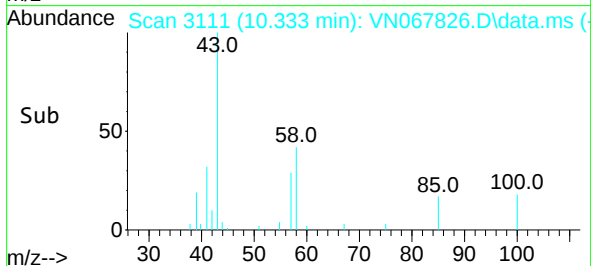
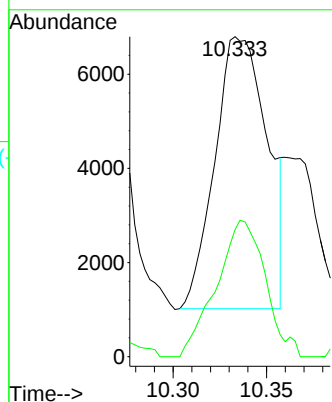
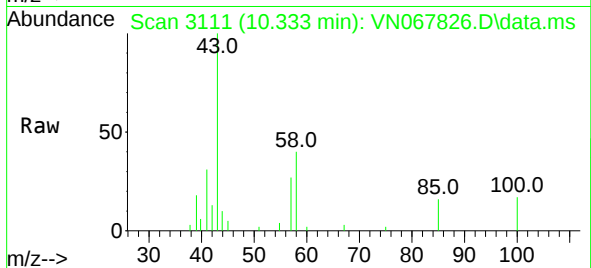




#51
4-Methyl-2-Pentanone
Concen: 1.962 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

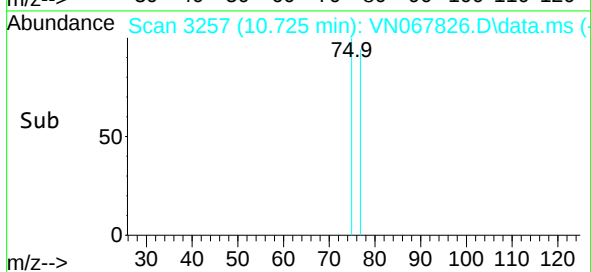
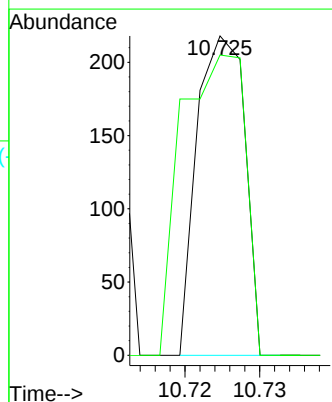
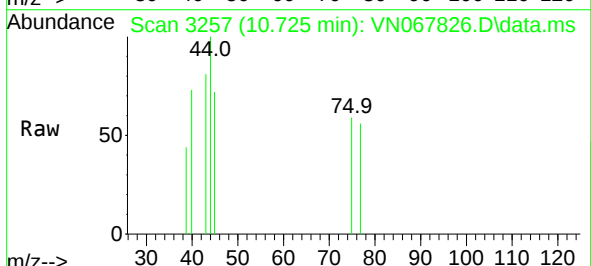
Instrument :
MSVOA_N
ClientSampled :

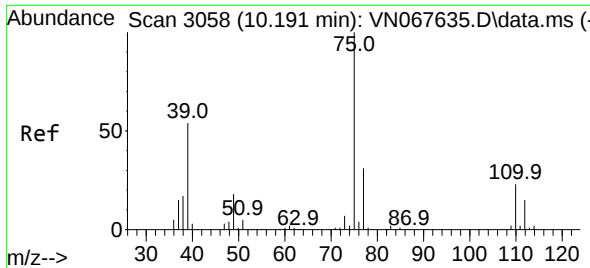
Tgt Ion: 43 Resp: 11277
Ion Ratio Lower Upper
43 100
58 46.7 28.6 43.0#



#53
t-1,3-Dichloropropene
Concen: 1.758 ug/l
RT: 10.725 min Scan# 3257
Delta R.T. 0.003 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 75 Resp: 97
Ion Ratio Lower Upper
75 100
77 94.0 25.1 37.7#

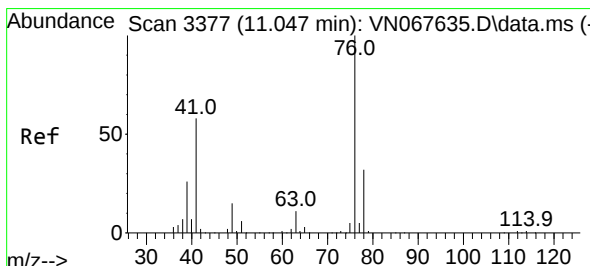
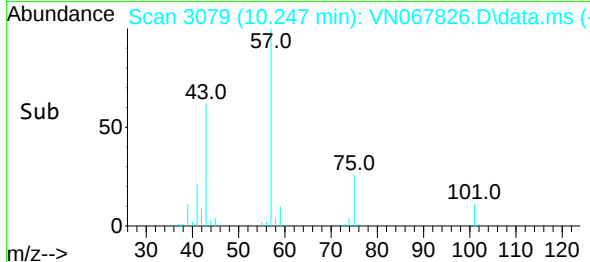
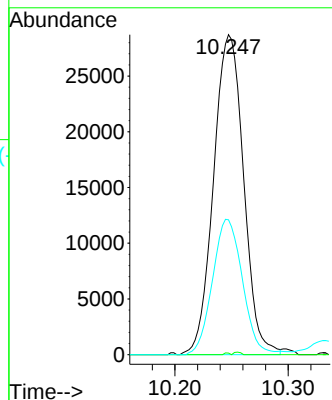
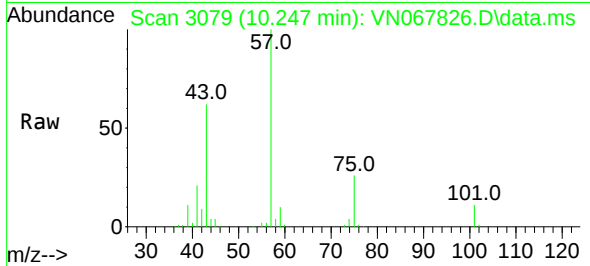




#54
 cis-1,3-Dichloropropene
 Concen: 8.238 ug/l
 RT: 10.247 min Scan# 3079
 Delta R.T. 0.056 min
 Lab File: VN067826.D
 Acq: 20 Jul 2021 18:50

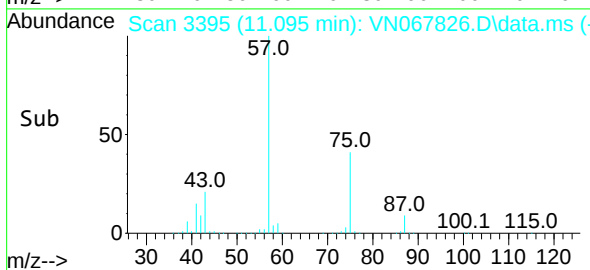
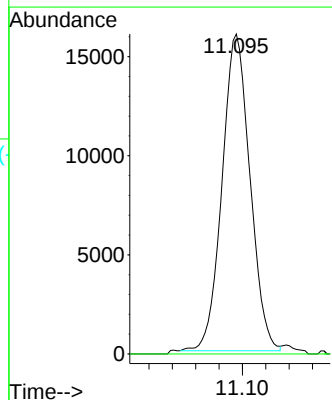
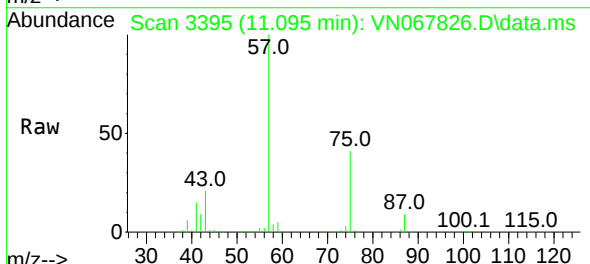
Instrument :
 MSVOA_N
 ClientSampled :

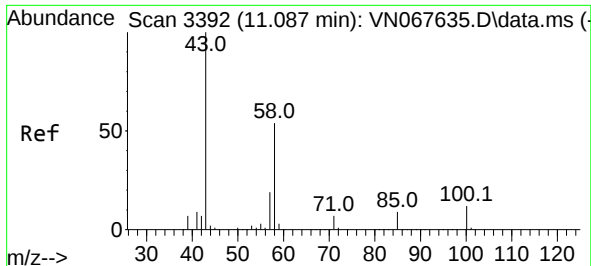
Tgt Ion: 75 Resp: 52855
 Ion Ratio Lower Upper
 75 100
 77 0.5 24.6 37.0#
 39 42.2 50.7 76.1#



#57
 1,3-Dichloropropane
 Concen: 3.749 ug/l
 RT: 11.095 min Scan# 3395
 Delta R.T. 0.048 min
 Lab File: VN067826.D
 Acq: 20 Jul 2021 18:50

Tgt Ion: 76 Resp: 26509
 Ion Ratio Lower Upper
 76 100
 78 0.0 25.7 38.5#

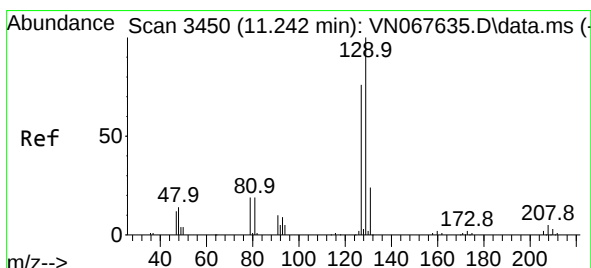
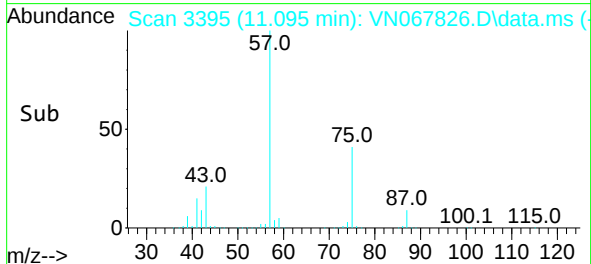
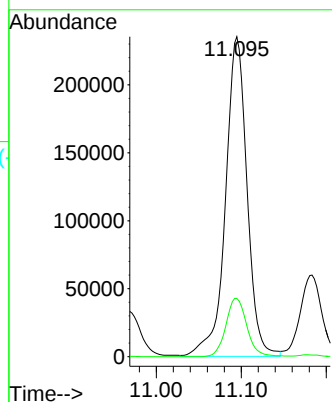
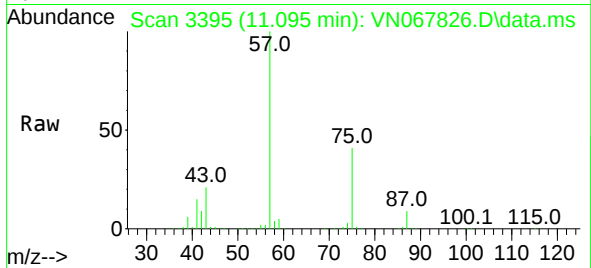




#59
2-Hexanone
Concen: 103.494 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

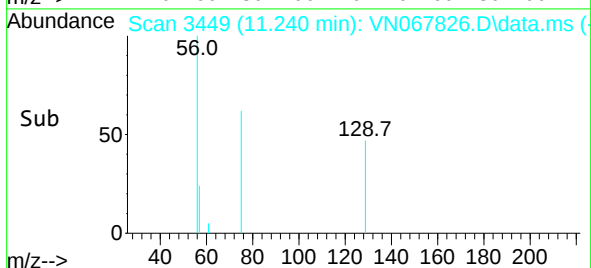
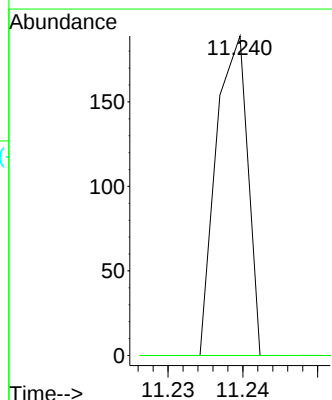
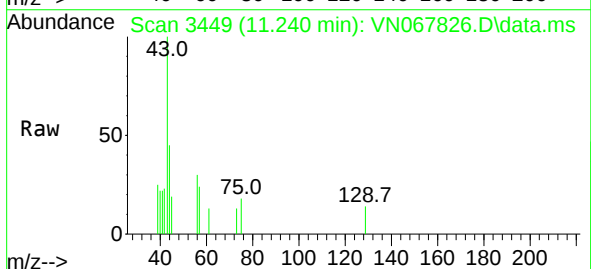
Instrument :
MSVOA_N
ClientSampled :

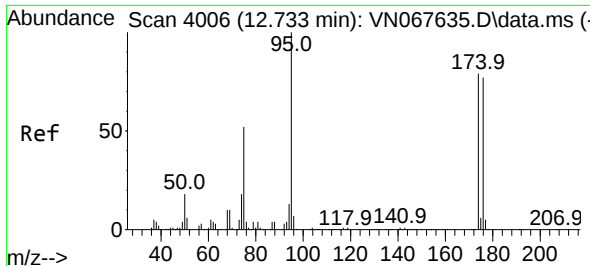
Tgt Ion: 43 Resp: 415122
Ion Ratio Lower Upper
43 100
58 17.8 24.7 74.1#



#60
Dibromochloromethane
Concen: 2.367 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.002 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 129 Resp: 55
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

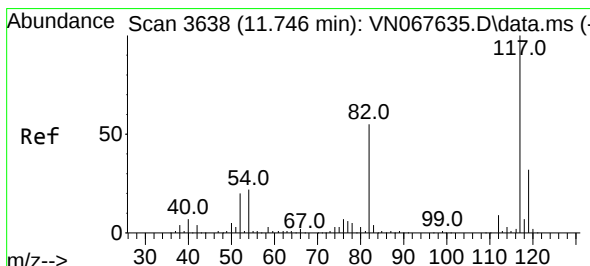
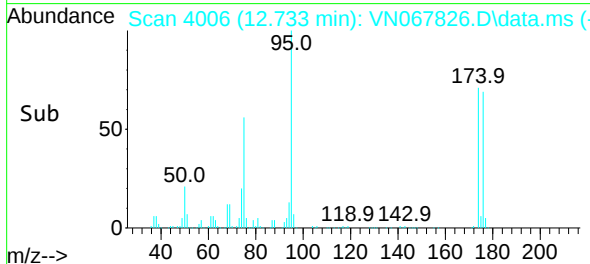
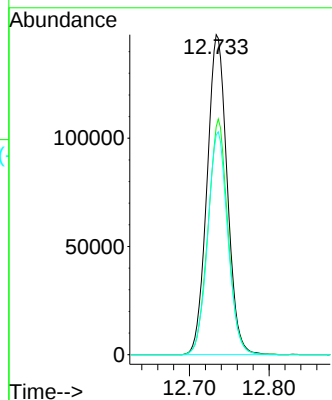
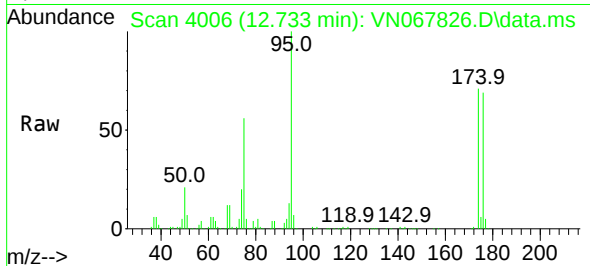




#62
4-Bromofluorobenzene
Concen: 49.170 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

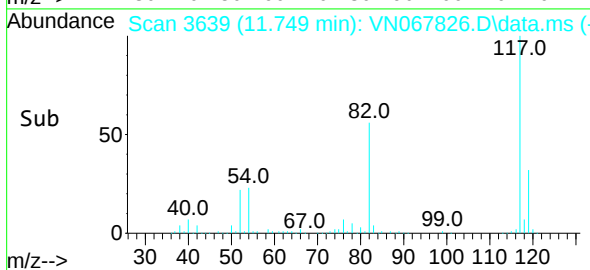
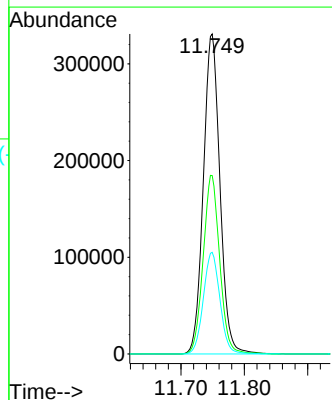
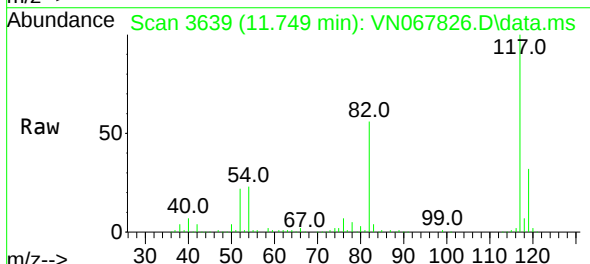
Instrument :
MSVOA_N
ClientSampled :

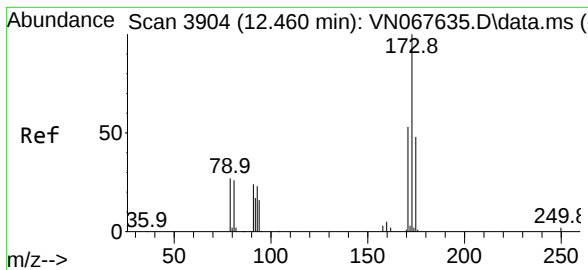
Tgt Ion: 95 Resp: 259520
Ion Ratio Lower Upper
95 100
174 72.5 0.0 122.0
176 69.7 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 117 Resp: 602094
Ion Ratio Lower Upper
117 100
82 55.8 53.1 79.7
119 31.8 25.5 38.3

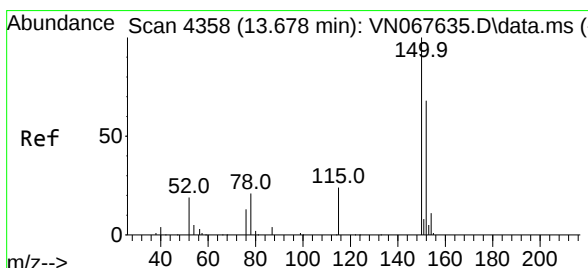
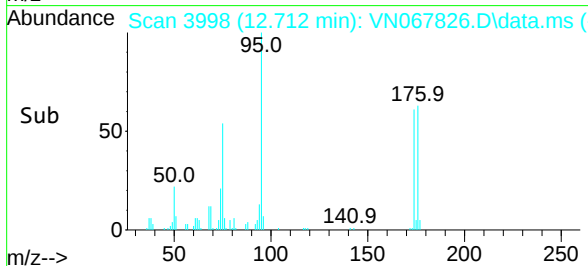
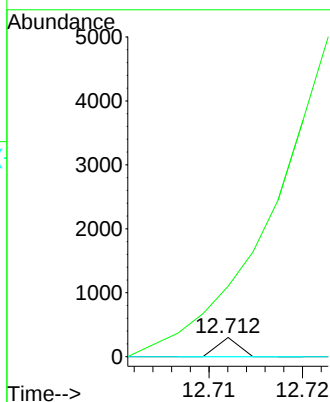
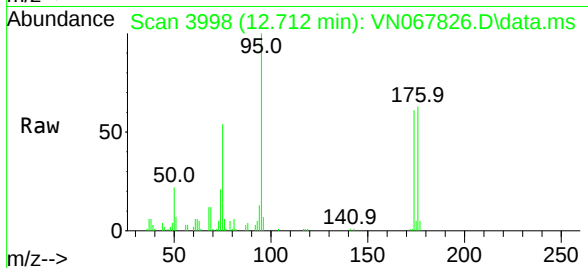




#71
Bromoform
Concen: 3.187 ug/l
RT: 12.712 min Scan# 3998
Delta R.T. 0.252 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

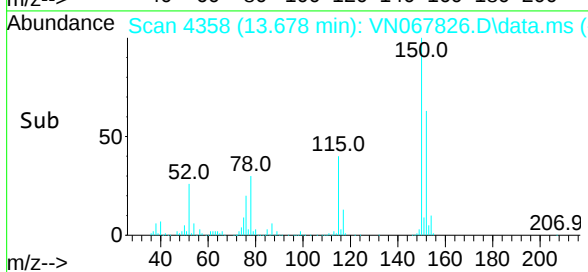
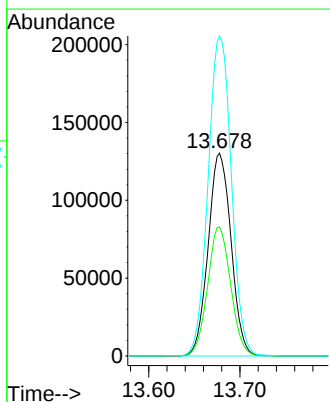
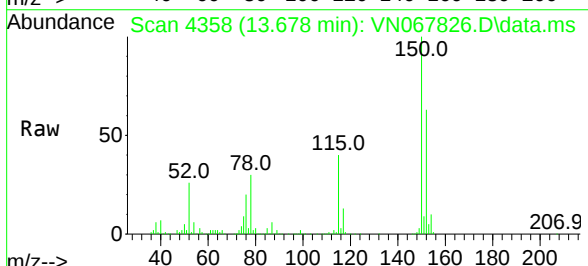
Instrument :
MSVOA_N
ClientSampleId :

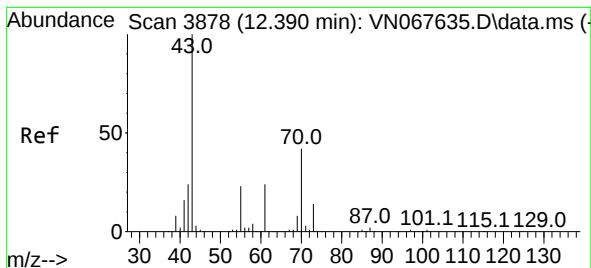
Tgt Ion:173 Resp: 48
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion:152 Resp: 227544
Ion Ratio Lower Upper
152 100
115 63.9 36.1 108.5
150 160.2 0.0 351.8

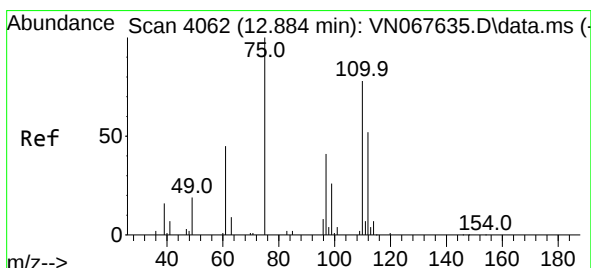
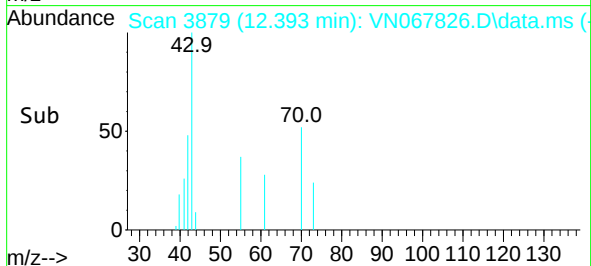
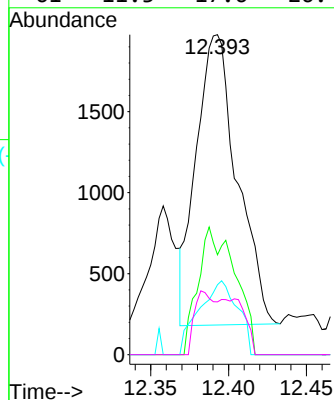
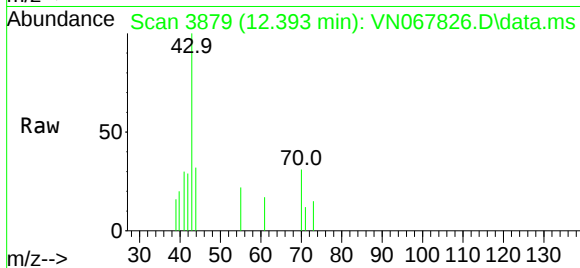




#74
N-amy1 acetate
Concen: 0.493 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

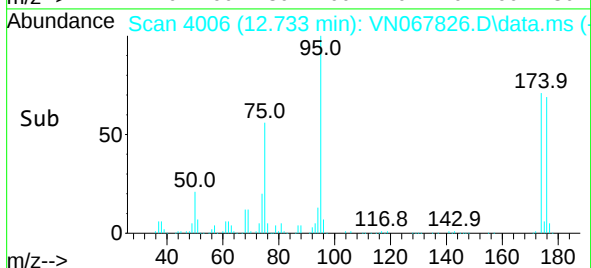
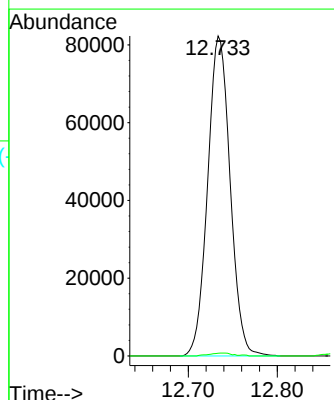
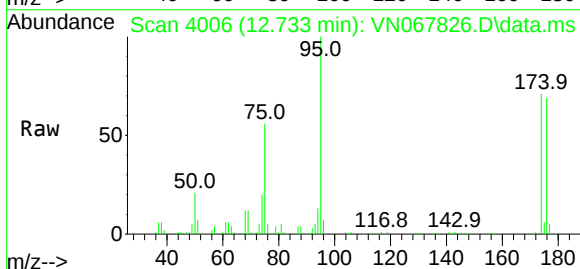
Instrument :
MSVOA_N
ClientSampleId :

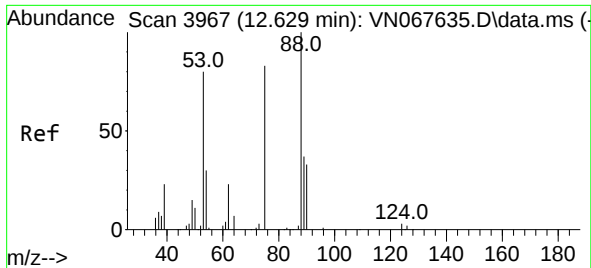
Tgt Ion: 43	Resp: 3286
Ion Ratio	Lower Upper
43 100	
70 20.8	29.4 44.2#
55 23.9	17.0 25.4
61 11.3	17.6 26.4#



#76
1,2,3-Trichloropropane
Concen: 31.079 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 75	Resp: 144421
Ion Ratio	Lower Upper
75 100	
77 0.9	0.0 0.0#

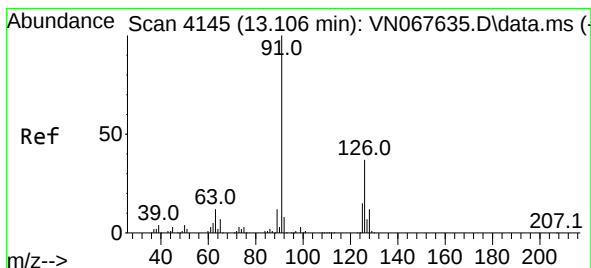
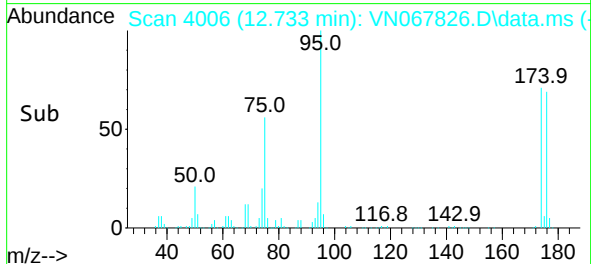
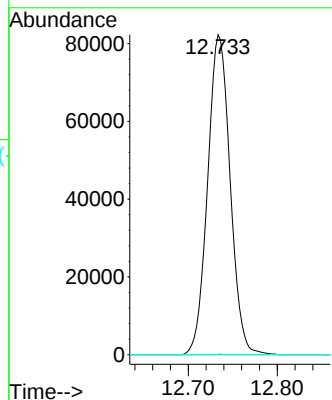
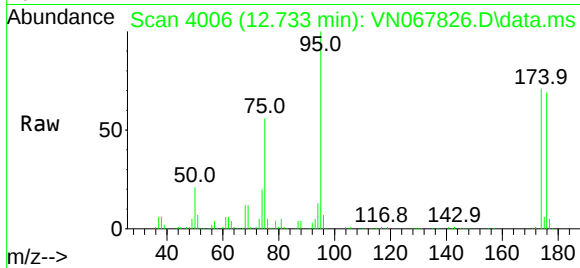




#81
trans-1,4-Dichloro-2-butene
Concen: 100.203 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

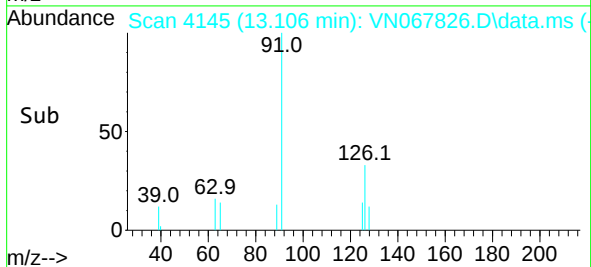
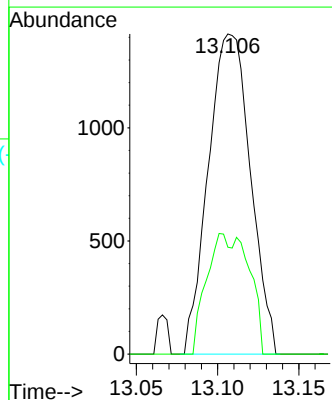
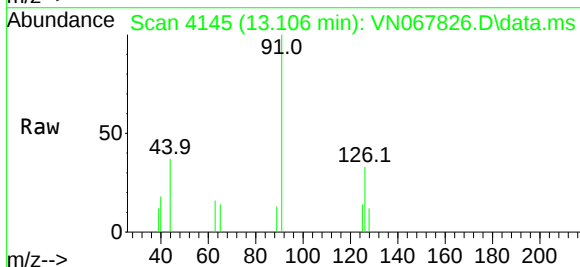
Instrument :
MSVOA_N
ClientSampled :

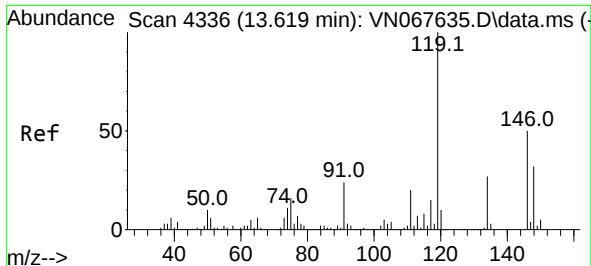
Tgt Ion: 75 Resp: 144421
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.206 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 91 Resp: 2554
Ion Ratio Lower Upper
91 100
126 22.8 14.8 44.4





#87

1,3-Dichlorobenzene

Concen: 0.254 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.003 min

Lab File: VN067826.D

Acq: 20 Jul 2021 18:50

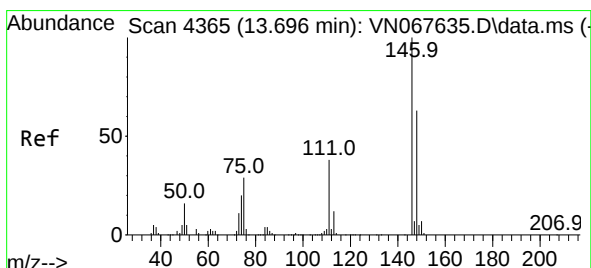
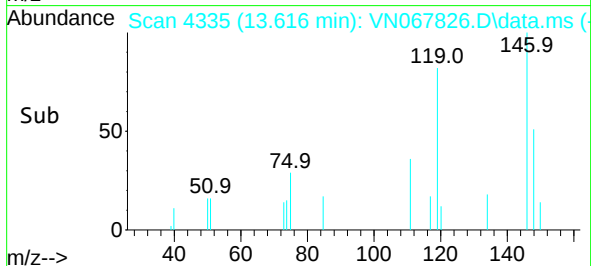
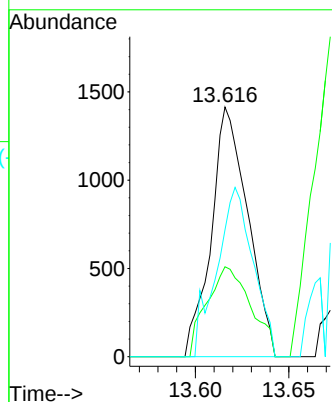
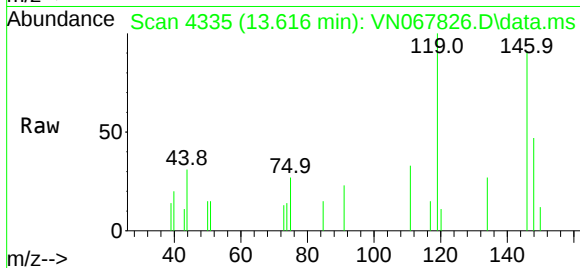
Tgt Ion:146 Resp: 1918

Ion Ratio Lower Upper

146 100

111 43.5 24.3 72.8

148 67.6 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 0.249 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.080 min

Lab File: VN067826.D

Acq: 20 Jul 2021 18:50

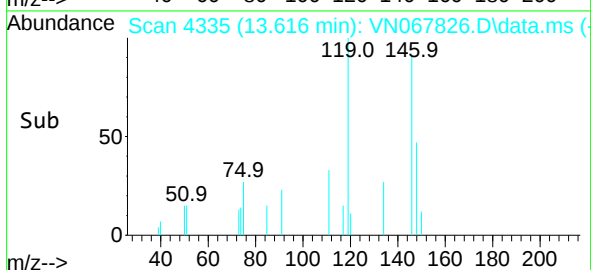
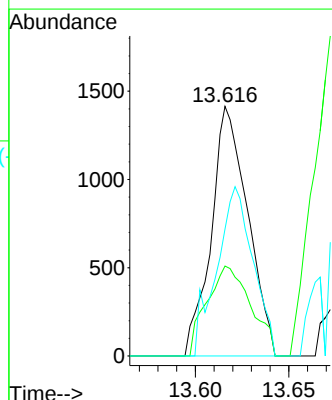
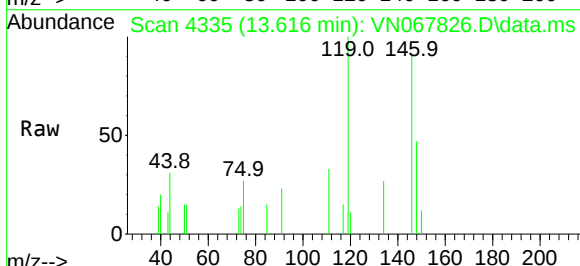
Tgt Ion:146 Resp: 1918

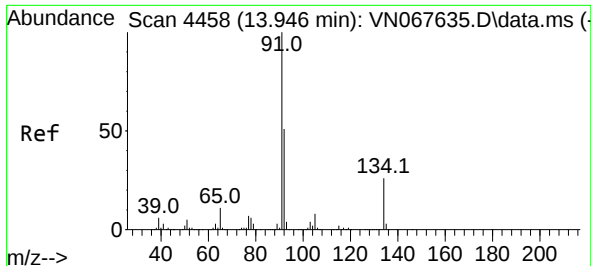
Ion Ratio Lower Upper

146 100

111 43.5 23.4 70.2

148 67.6 31.8 95.3

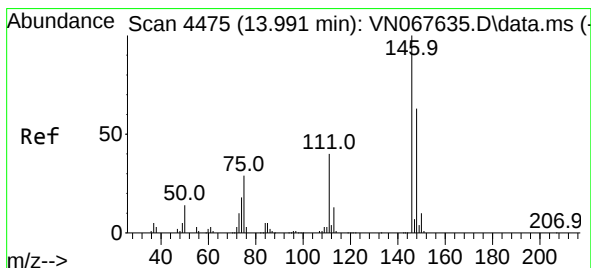
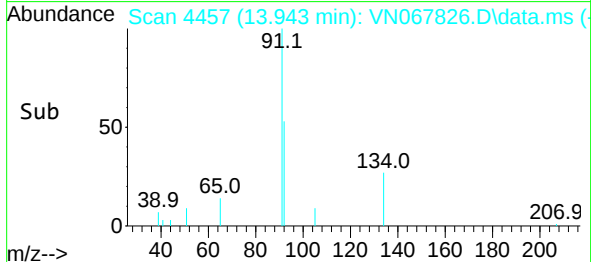
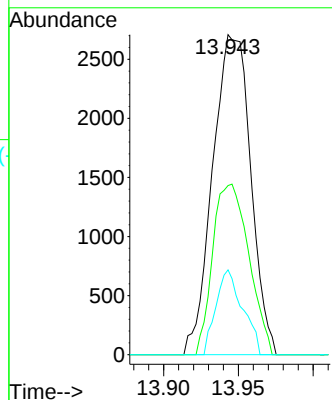
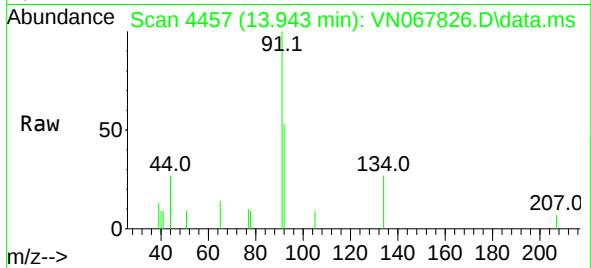




#89
n-Butylbenzene
Concen: 0.395 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. -0.003 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

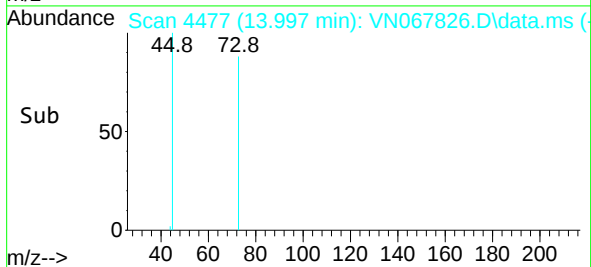
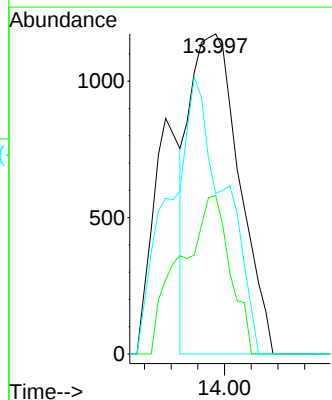
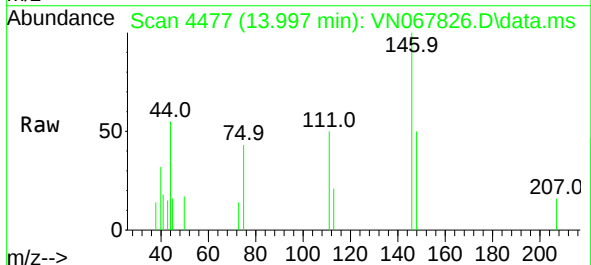
Instrument :
MSVOA_N
ClientSampleId :

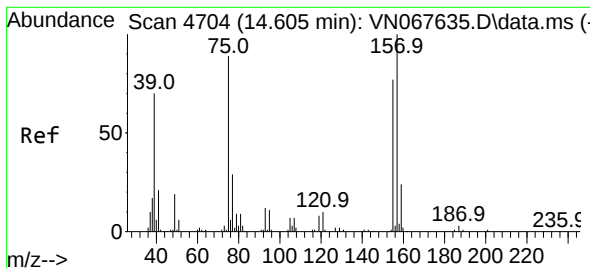
Tgt Ion: 91	Resp: 4799
Ion Ratio	Lower Upper
91 100	
92 50.6	25.7 77.1
134 18.5	11.2 33.6



#91
1,2-Dichlorobenzene
Concen: 0.208 ug/l
RT: 13.997 min Scan# 4477
Delta R.T. 0.006 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 146	Resp: 1514
Ion Ratio	Lower Upper
146 100	
111 49.4	24.9 74.6
148 96.9	31.6 95.0#

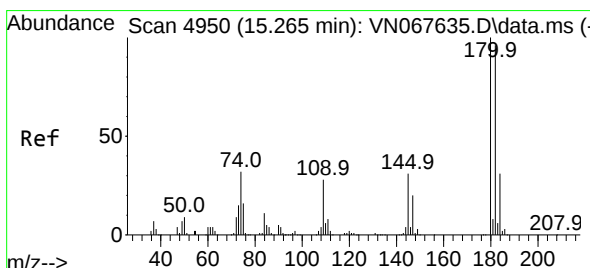
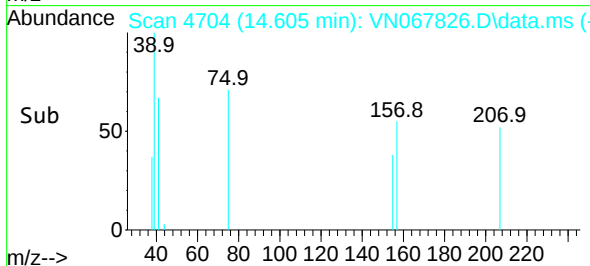
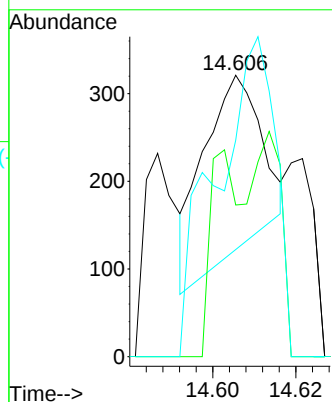
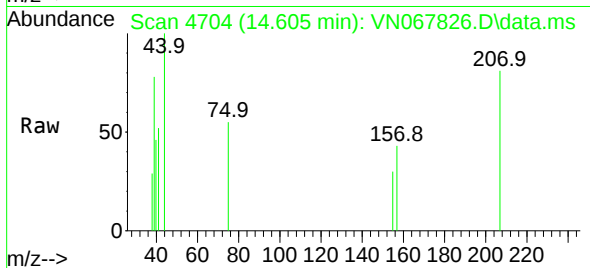




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.214 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

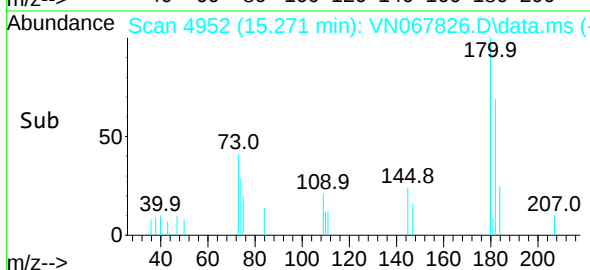
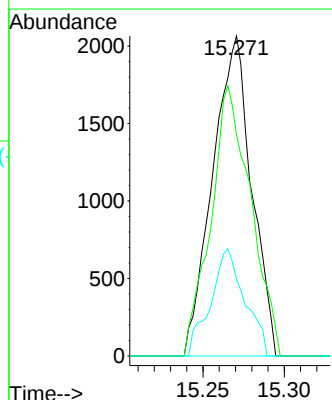
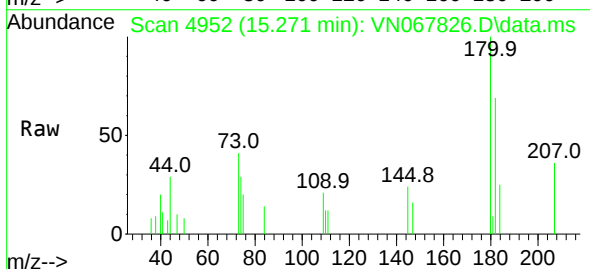
Instrument :
MSVOA_N
ClientSampled :

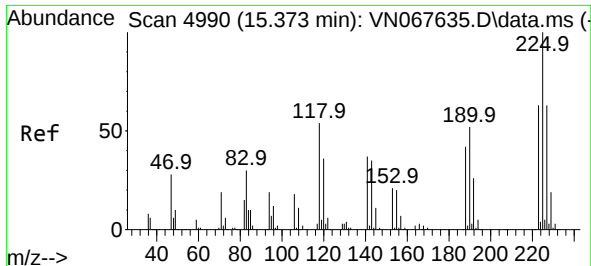
Tgt Ion: 75 Resp: 198
Ion Ratio Lower Upper
75 100
155 51.5 29.8 89.5
157 0.0 37.6 112.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.533 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion: 180 Resp: 3439
Ion Ratio Lower Upper
180 100
182 86.4 47.5 142.5
145 29.5 17.2 51.6

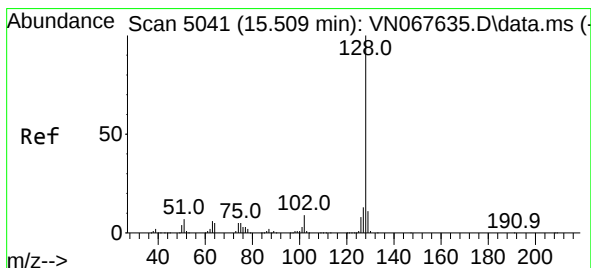
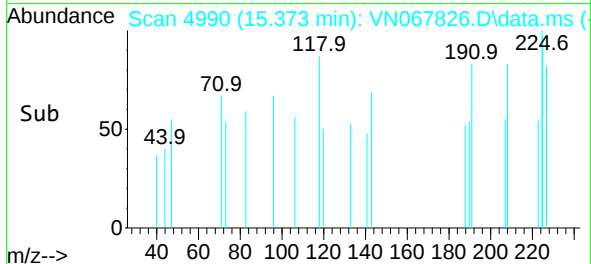
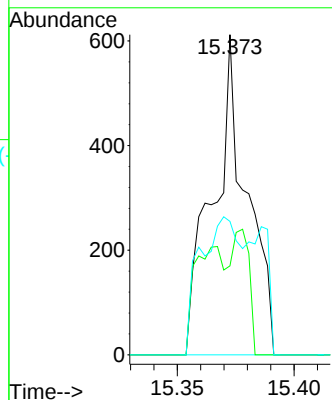
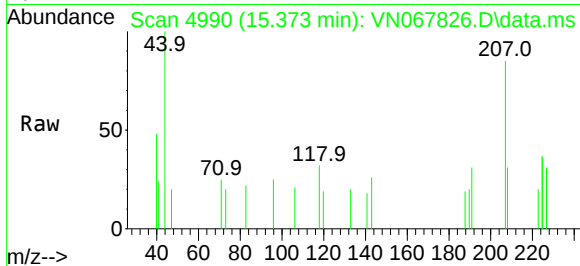




#94
Hexachlorobutadiene
Concen: 0.402 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

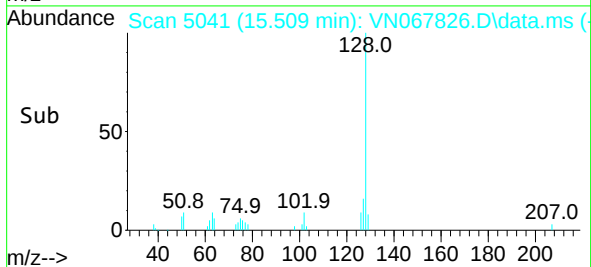
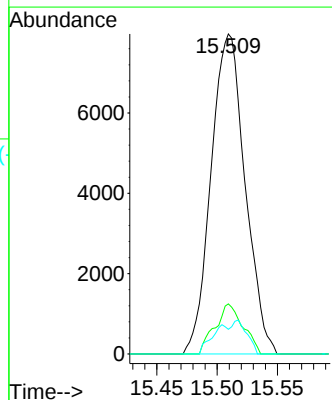
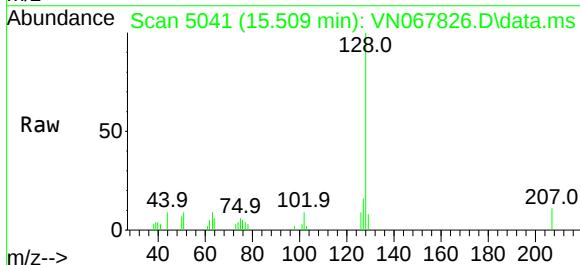
Instrument :
MSVOA_N
ClientSampled :

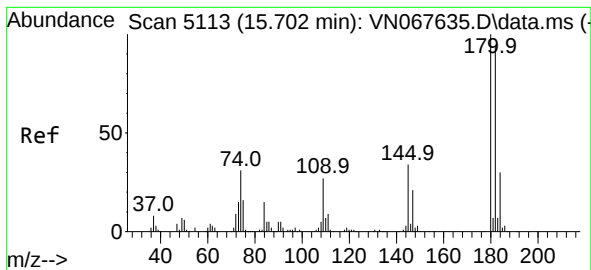
Tgt Ion:225 Resp: 615
Ion Ratio Lower Upper
225 100
223 29.3 31.4 94.0#
227 51.2 31.2 93.6



#95
Naphthalene
Concen: 4.333 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067826.D
Acq: 20 Jul 2021 18:50

Tgt Ion:128 Resp: 15654
Ion Ratio Lower Upper
128 100
127 12.9 10.6 15.8
129 4.6 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.700 ug/l
 RT: 15.700 min Scan# 5112
 Delta R.T. -0.002 min
 Lab File: VN067826.D
 Acq: 20 Jul 2021 18:50

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:180 Resp: 4094
 Ion Ratio Lower Upper
 180 100
 182 94.9 47.8 143.3
 145 33.5 18.2 54.6

