

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072021\
 Data File : VN067819.D
 Acq On : 20 Jul 2021 15:58
 Operator : JC/MD
 Sample : PB137795TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 21 05:08:34 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	356524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	661869	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	683831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	260010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	268589	49.848	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.700%
35) Dibromofluoromethane	8.024	113	196199	49.064	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.120%
50) Toluene-d8	10.443	98	864504	51.649	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.300%
62) 4-Bromofluorobenzene	12.734	95	297170	50.258	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.520%

Target Compounds				Qvalue		
5) Bromomethane	2.880	94	2062	Below Cal	#	88
6) Chloroethane	2.995	64	92	Below Cal	#	44
7) Trichlorofluoromethane	3.368	101	154	Below Cal	#	18
13) Acrolein	4.041	56	418	Below Cal		93
16) Acetone	4.293	43	27814	16.405	ug/l	90
18) Methyl Acetate	4.873	43	4677	0.982	ug/l	# 60
20) Methylene Chloride	5.095	84	23768	5.384	ug/l	88
25) 2-Butanone	7.356	43	6483	2.303	ug/l	93
29) Tetrahydrofuran	7.708	42	2059	1.112	ug/l	# 48
31) Cyclohexane	8.088	56	9537	1.262	ug/l	# 29
36) 1,1-Dichloropropene	8.086	75	31973	5.200	ug/l	# 47
37) Ethyl Acetate	7.356	43	6483	1.088	ug/l	# 69
38) Carbon Tetrachloride	8.086	117	39116	6.450	ug/l	# 16
43) Isopropyl Acetate	8.566	43	44360	4.233	ug/l	# 92
45) 1,2-Dichloropropane	9.631	63	3200	0.687	ug/l	# 44
48) Methyl methacrylate	9.547	41	10360	2.235	ug/l	# 14
49) 1,4-Dioxane	9.569	88	26	32.406	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.336	43	9425	1.464	ug/l	# 75
53) t-1,3-Dichloropropene	10.733	75	205	1.770	ug/l	# 43
54) cis-1,3-Dichloropropene	10.247	75	74505	10.365	ug/l	# 63
57) 1,3-Dichloropropane	11.095	76	44837	5.660	ug/l	# 43
59) 2-Hexanone	11.095	43	684650	152.364	ug/l	# 55
60) Dibromochloromethane	11.492	129	450	2.432	ug/l	# 11
71) Bromoform	12.460	173	88	3.195	ug/l	# 29
74) N-amyl acetate	12.393	43	3901	0.513	ug/l	# 87
76) 1,2,3-Trichloropropane	12.734	75	164373	30.956	ug/l	# 100
79) 2-Chlorotoluene	13.106	91	4025	0.281	ug/l	99
80) 1,3,5-Trimethylbenzene	13.063	105	5578	0.328	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.734	75	164373	99.806	ug/l	# 6
82) 4-Chlorotoluene	13.106	91	4025	0.284	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	3601	0.216	ug/l	96
86) p-Isopropyltoluene	13.616	119	3666	0.226	ug/l	# 82
88) 1,4-Dichlorobenzene	13.696	146	3658	0.415	ug/l	# 64
89) n-Butylbenzene	13.941	91	7102	0.511	ug/l	94
91) 1,2-Dichlorobenzene	13.989	146	2932	0.353	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	14.608	75	464	0.439	ug/l	# 66

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Quant Time: Jul 21 05:08:34 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

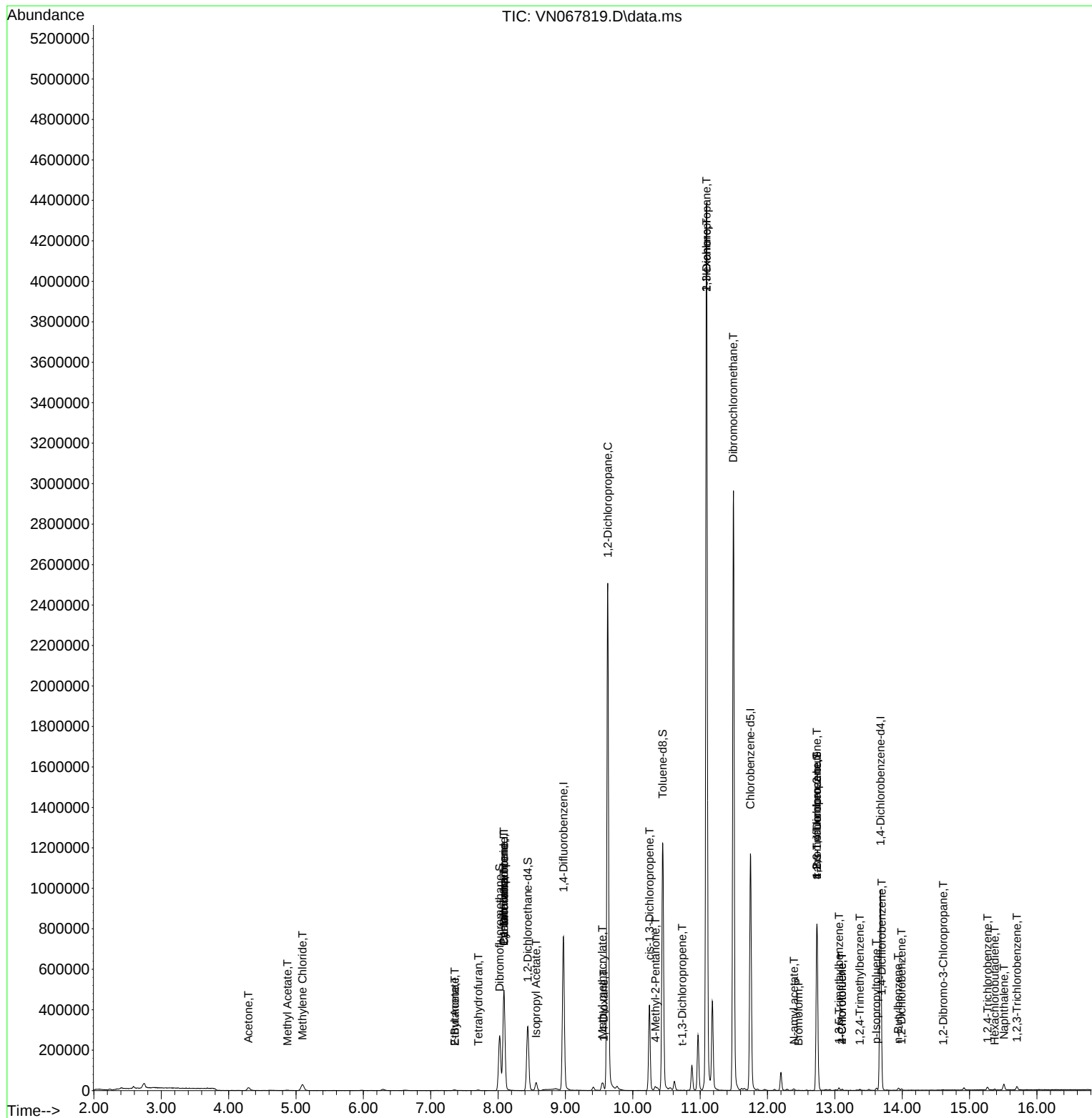
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.268	180	4827	3.729	ug/l	90
94) Hexachlorobutadiene	15.373	225	644	0.369	ug/l	88
95) Naphthalene	15.509	128	25791	4.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.703	180	5370	3.858	ug/l	96

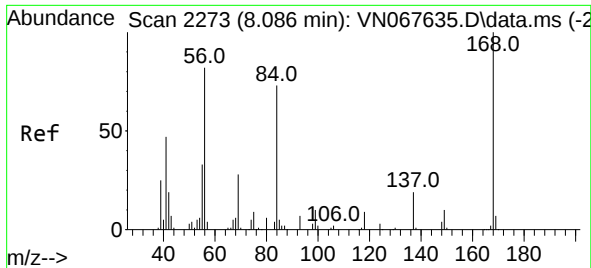
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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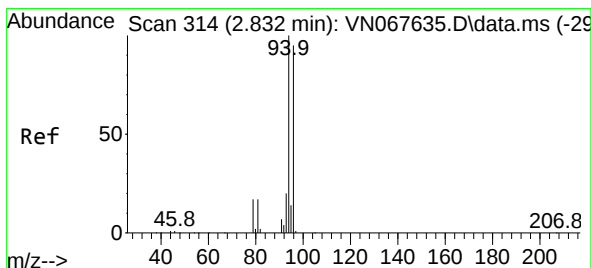
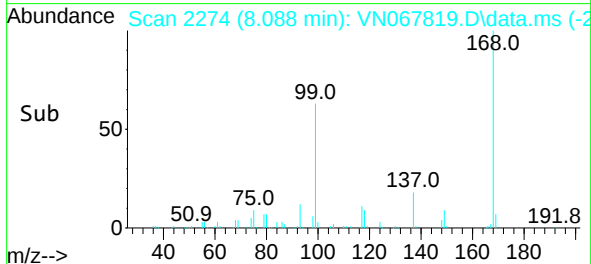
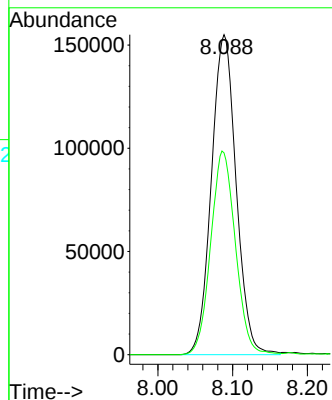
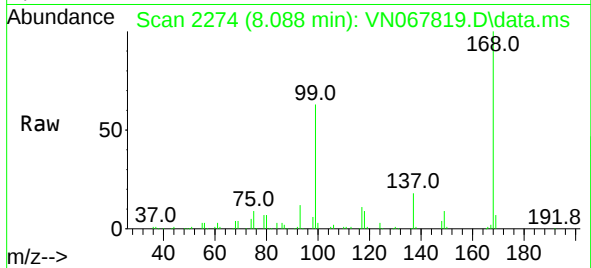




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.002 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

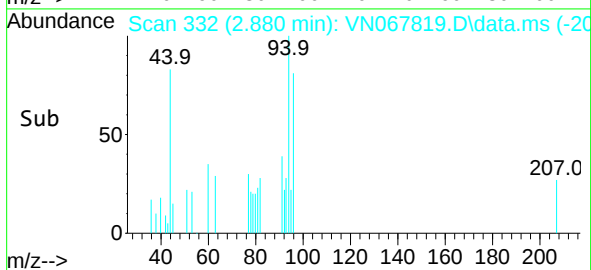
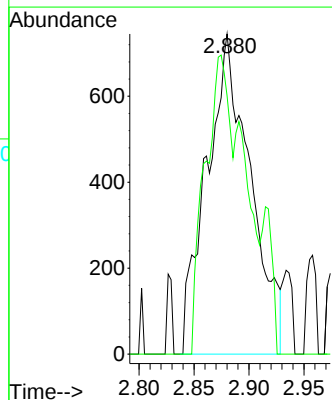
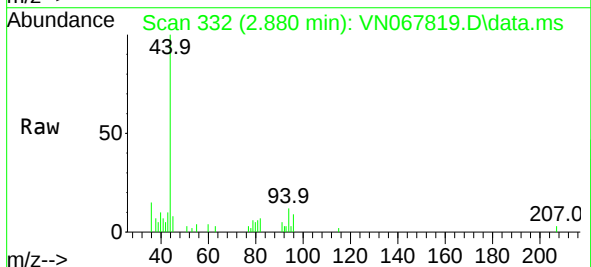
Instrument :
MSVOA_N
ClientSampleId :

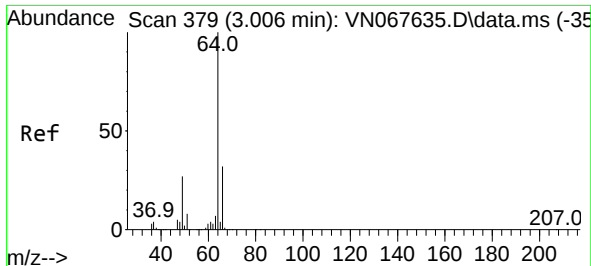
Tgt Ion:168 Resp: 356524
Ion Ratio Lower Upper
168 100
99 63.1 62.9 94.3



#5
Bromomethane
Concen: Below Cal
RT: 2.880 min Scan# 332
Delta R.T. 0.048 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 94 Resp: 2062
Ion Ratio Lower Upper
94 100
96 80.7 73.7 110.5

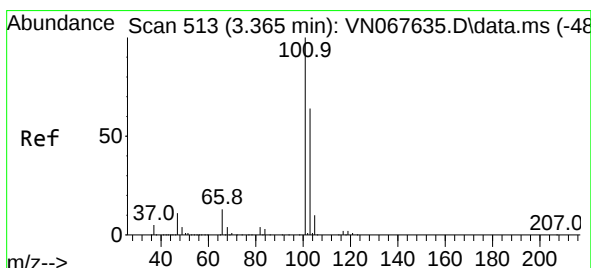
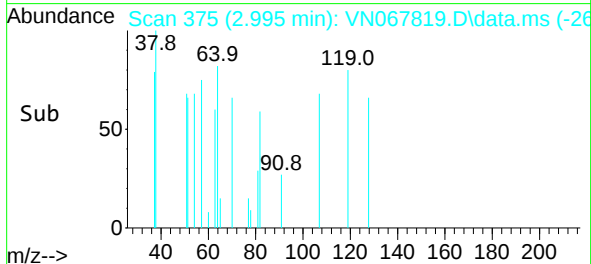
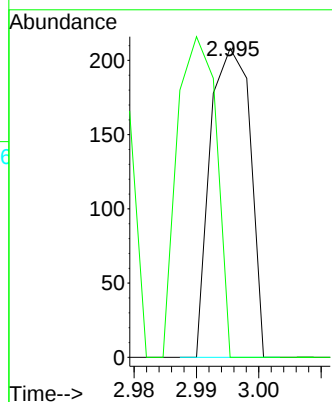
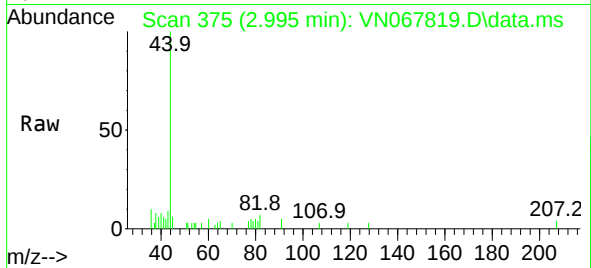




#6
Chloroethane
Concen: Below Cal
RT: 2.995 min Scan# 375
Delta R.T. -0.011 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

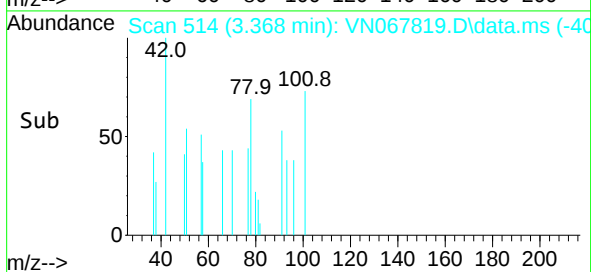
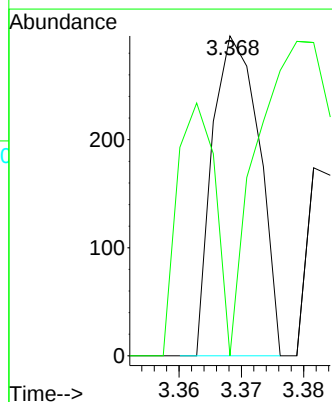
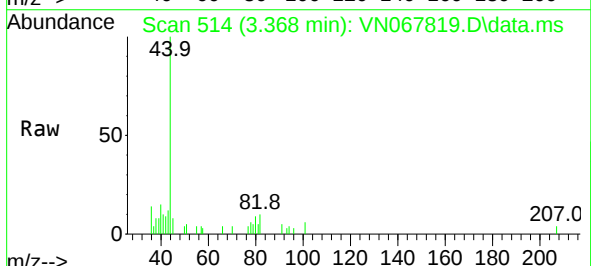
Instrument :
MSVOA_N
ClientSampleId :

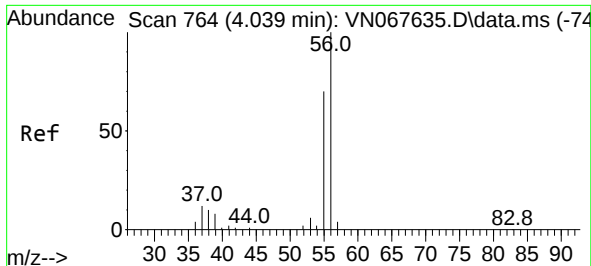
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.368 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 101 Resp: 154
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#

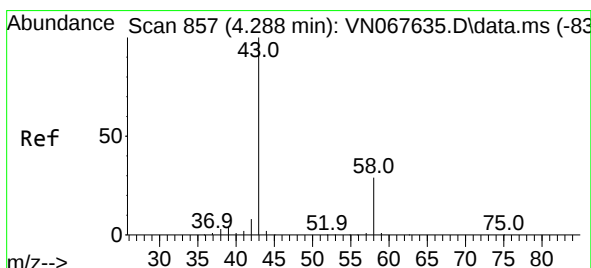
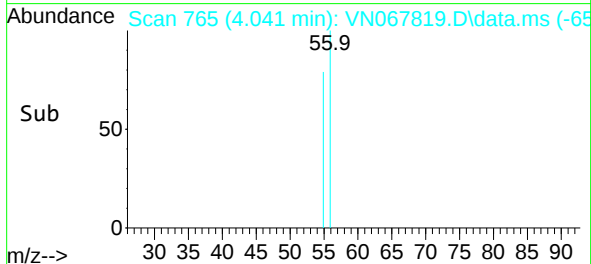
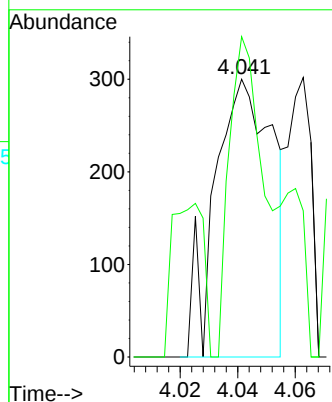
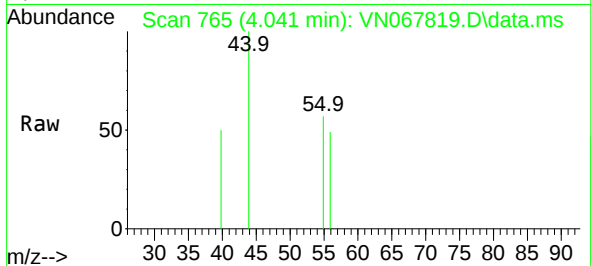




#13
Acrolein
Concen: Below Cal
RT: 4.041 min Scan# 765
Delta R.T. 0.002 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

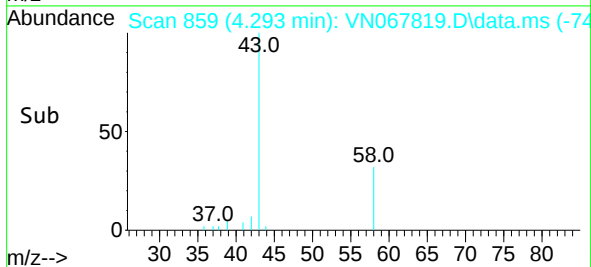
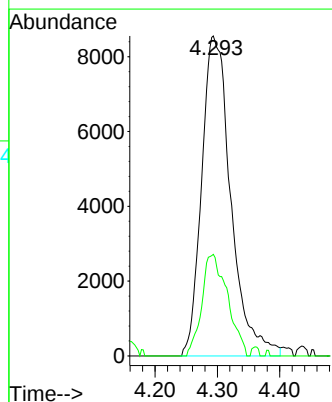
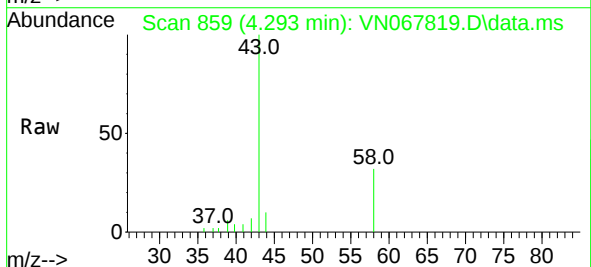
Instrument :
MSVOA_N
ClientSampleId :

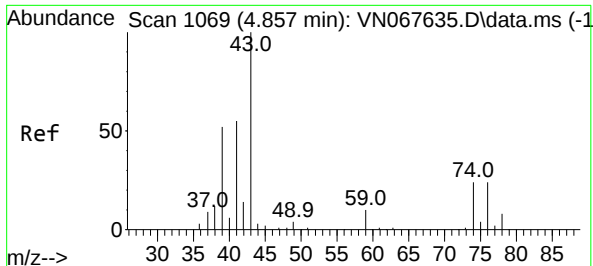
Tgt Ion: 56 Resp: 418
Ion Ratio Lower Upper
56 100
55 66.0 57.4 86.0



#16
Acetone
Concen: 16.405 ug/l
RT: 4.293 min Scan# 859
Delta R.T. 0.005 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 43 Resp: 27814
Ion Ratio Lower Upper
43 100
58 31.7 21.2 31.8





#18

Methyl Acetate

Concen: 0.982 ug/l

RT: 4.873 min Scan# 1075

Delta R.T. 0.016 min

Lab File: VN067819.D

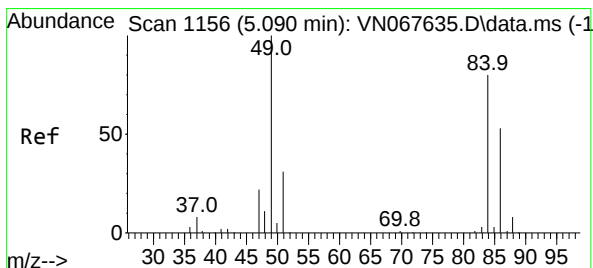
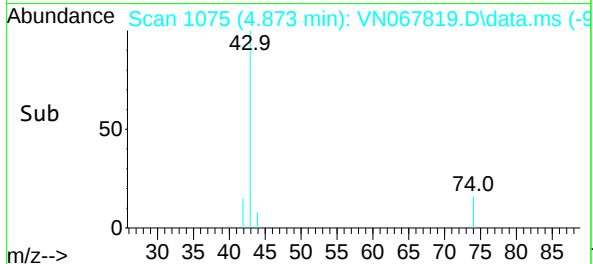
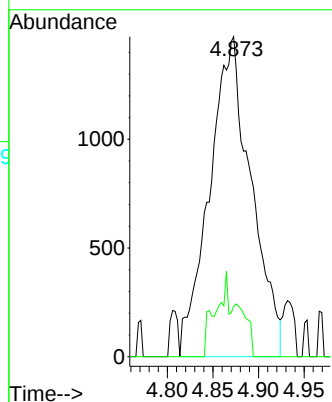
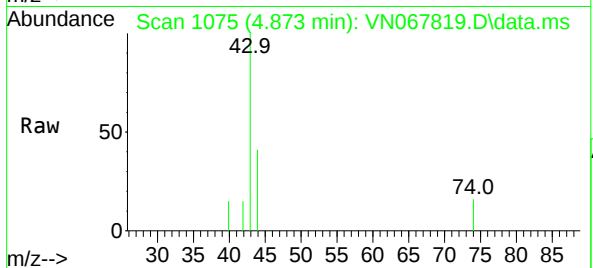
Acq: 20 Jul 2021 15:58

Tgt Ion: 43 Resp: 4677

Ion Ratio Lower Upper

43 100

74 2.7 17.4 26.0#



#20

Methylene Chloride

Concen: 5.384 ug/l

RT: 5.095 min Scan# 1158

Delta R.T. 0.005 min

Lab File: VN067819.D

Acq: 20 Jul 2021 15:58

Tgt Ion: 84 Resp: 23768

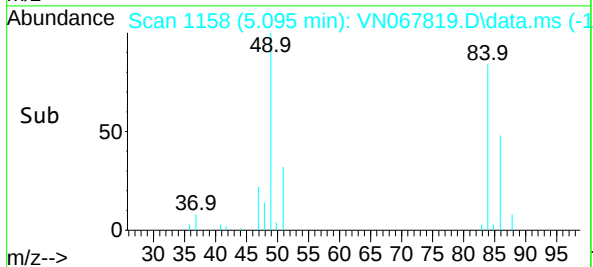
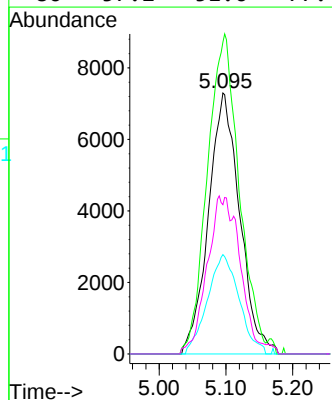
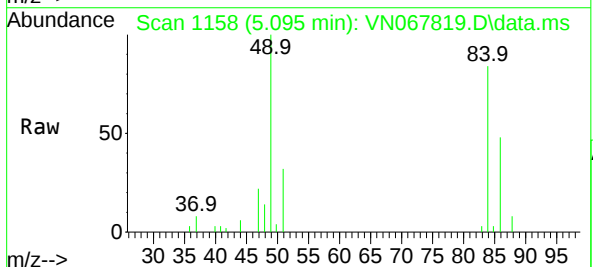
Ion Ratio Lower Upper

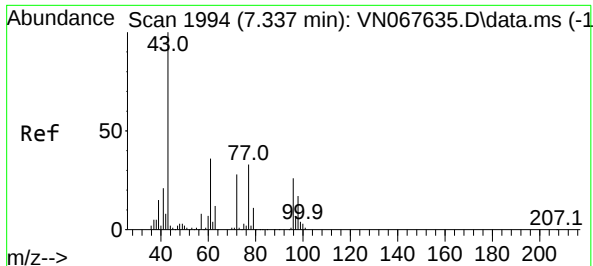
84 100

49 119.5 110.9 166.3

51 38.0 32.6 49.0

86 57.2 51.6 77.4

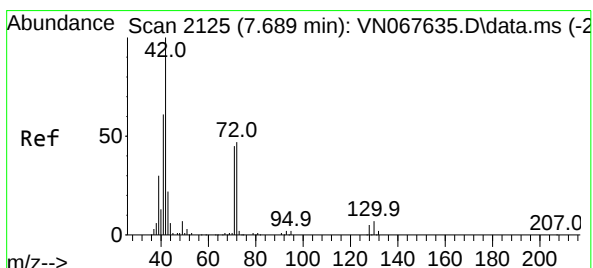
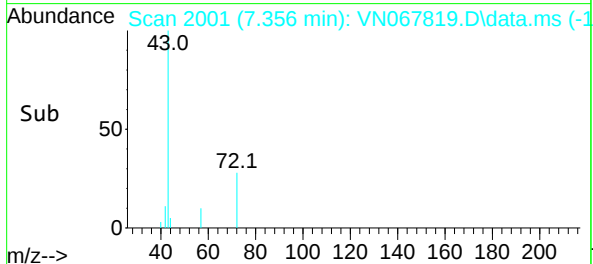
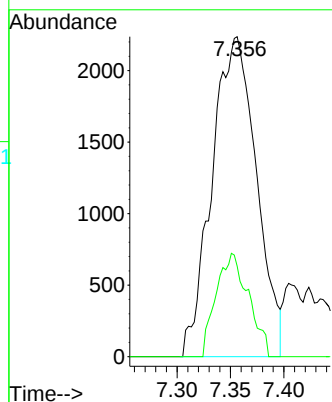
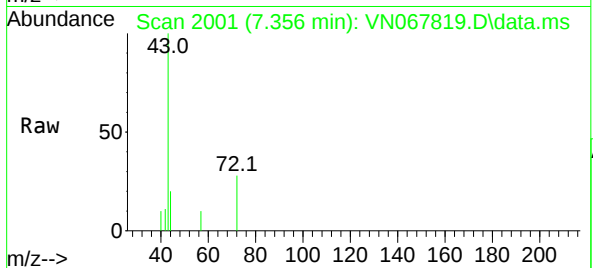




#25
2-Butanone
Concen: 2.303 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. 0.019 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

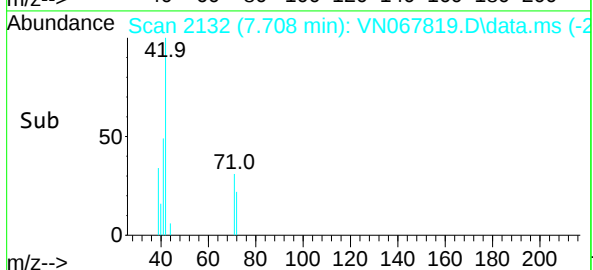
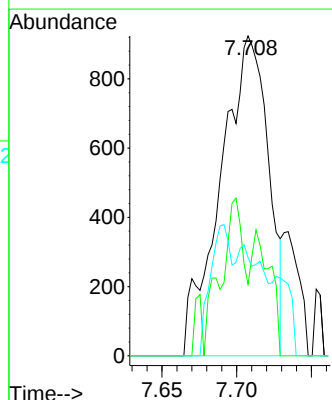
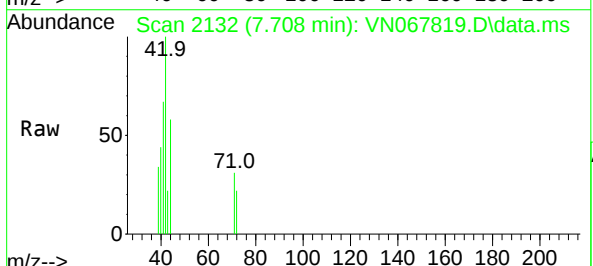
Instrument :
MSVOA_N
ClientSampled :

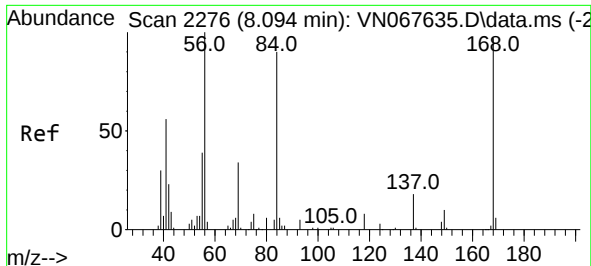
Tgt Ion: 43 Resp: 6483
Ion Ratio Lower Upper
43 100
72 28.3 19.7 29.5



#29
Tetrahydrofuran
Concen: 1.112 ug/l
RT: 7.708 min Scan# 2132
Delta R.T. 0.019 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 42 Resp: 2059
Ion Ratio Lower Upper
42 100
72 15.2 32.8 49.2#
71 0.0 31.2 46.8#

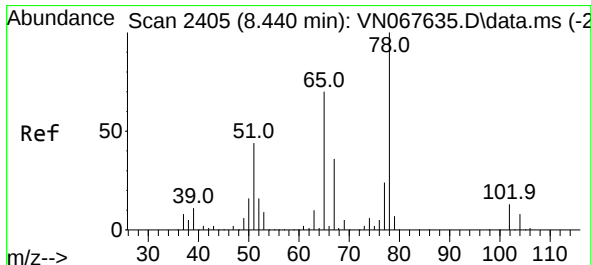
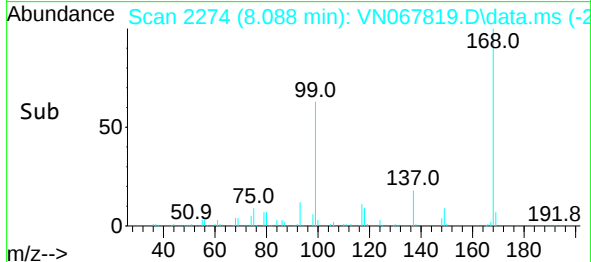
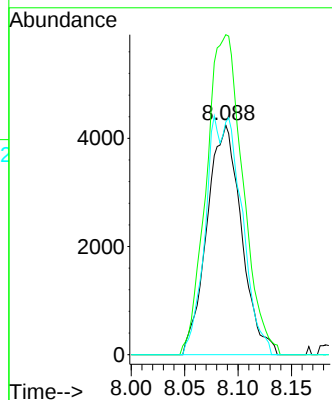
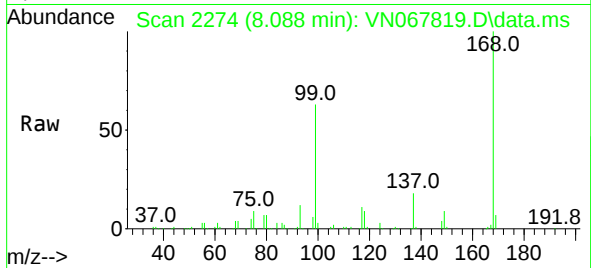




#31
Cyclohexane
Concen: 1.262 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

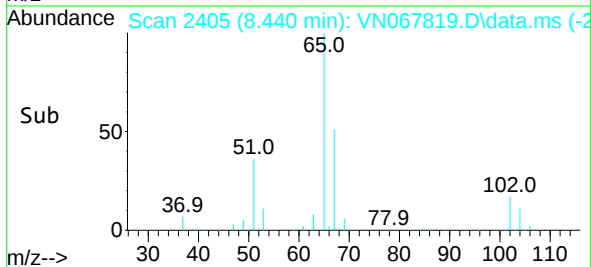
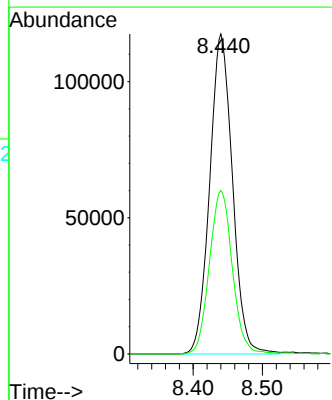
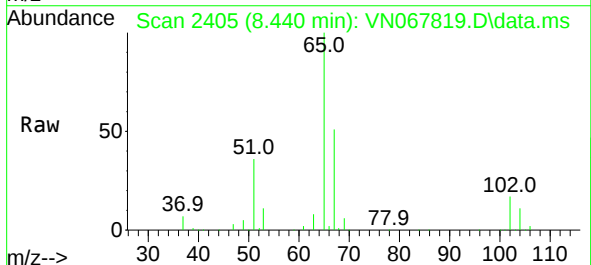
Instrument :
MSVOA_N
ClientSampled :

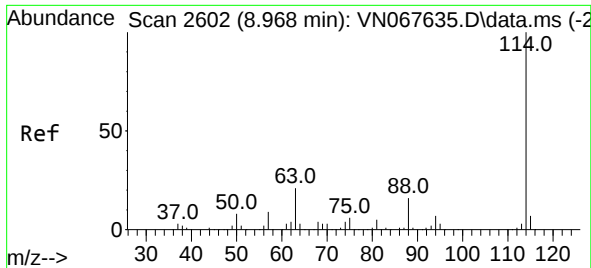
Tgt Ion: 56 Resp: 9537
Ion Ratio Lower Upper
56 100
69 139.5 27.3 40.9#
84 101.5 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 49.848 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 65 Resp: 268589
Ion Ratio Lower Upper
65 100
67 51.3 0.0 98.6

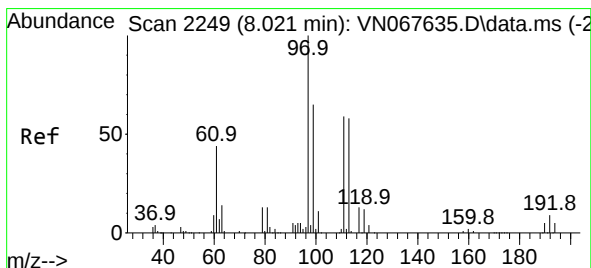
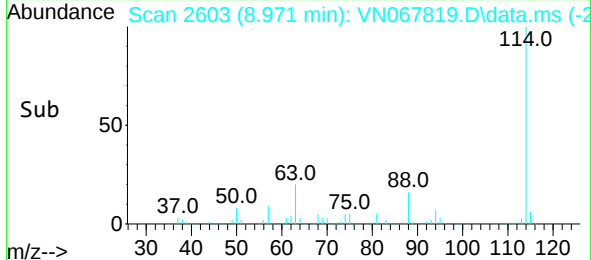
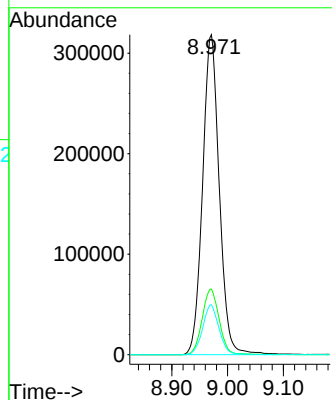
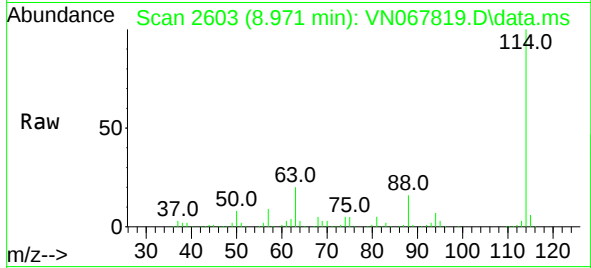




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

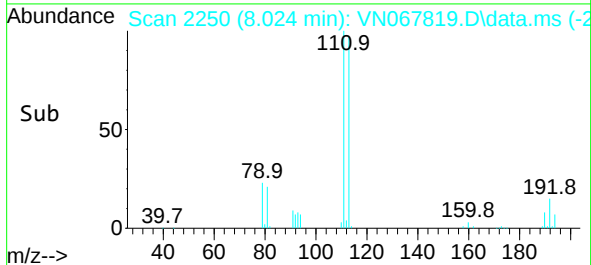
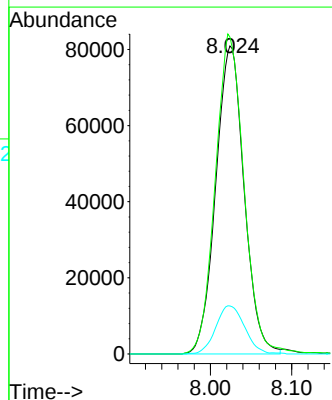
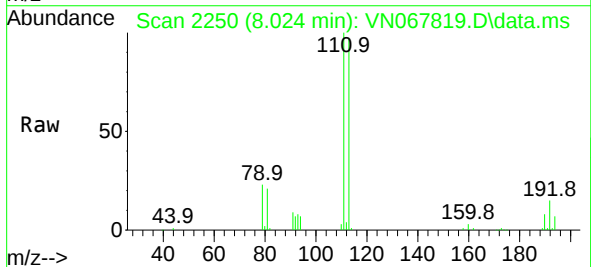
Instrument :
MSVOA_N
ClientSampleId :

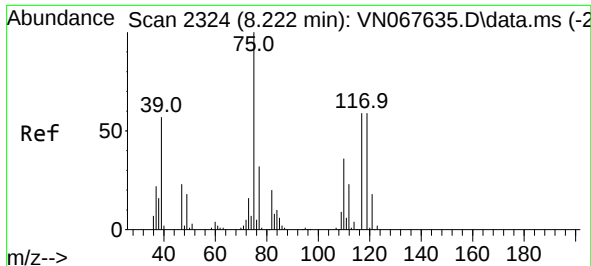
Tgt Ion:114 Resp: 661869
Ion Ratio Lower Upper
114 100
63 20.5 0.0 49.0
88 15.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.064 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

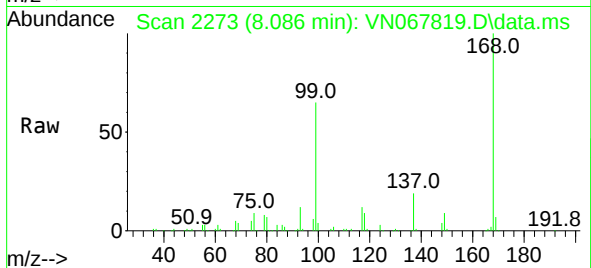
Tgt Ion:113 Resp: 196199
Ion Ratio Lower Upper
113 100
111 104.7 83.8 125.8
192 16.0 13.4 20.0



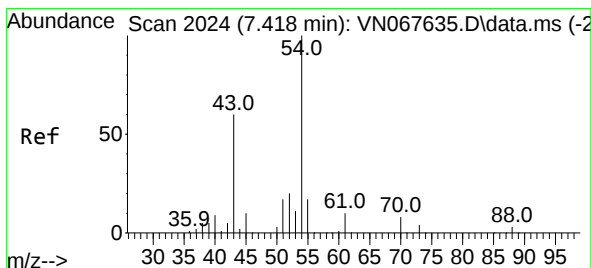
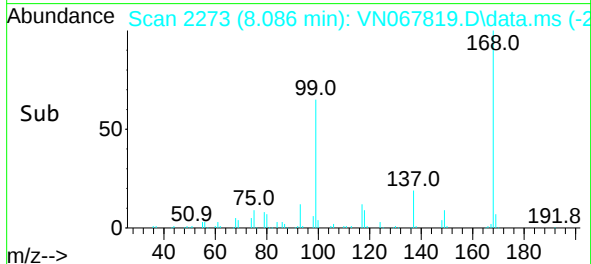
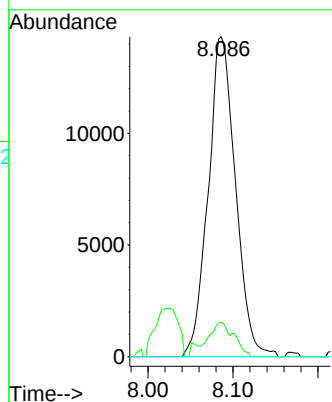


#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.136 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Instrument :
MSVOA_N
ClientSampled :

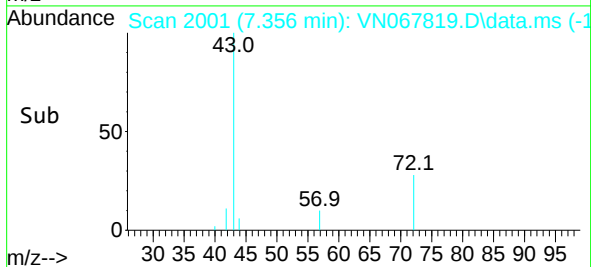
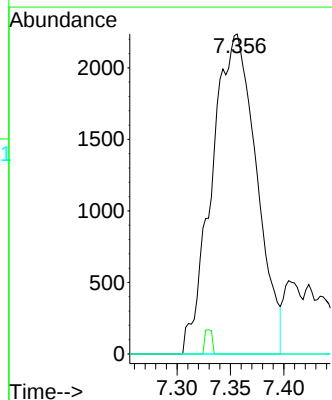
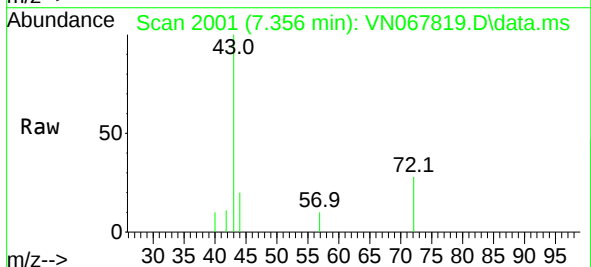


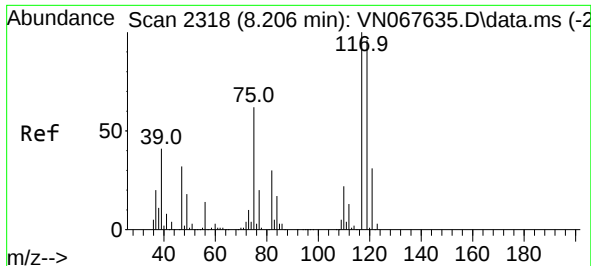
Tgt Ion: 75 Resp: 31973
Ion Ratio Lower Upper
75 100
110 4.1 15.7 47.0#
77 0.0 24.6 37.0#



#37
Ethyl Acetate
Concen: 1.088 ug/l
RT: 7.356 min Scan# 2001
Delta R.T. -0.062 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

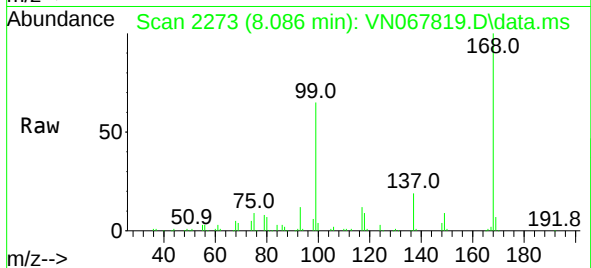
Tgt Ion: 43 Resp: 6483
Ion Ratio Lower Upper
43 100
61 0.0 10.6 16.0#
70 0.0 8.1 12.1#



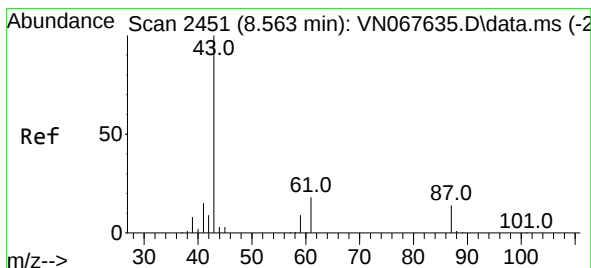
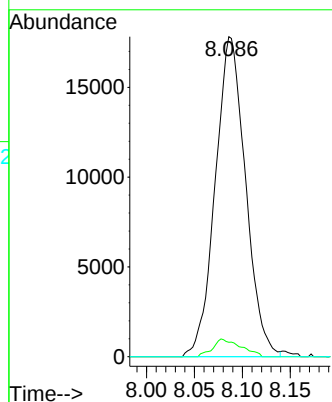
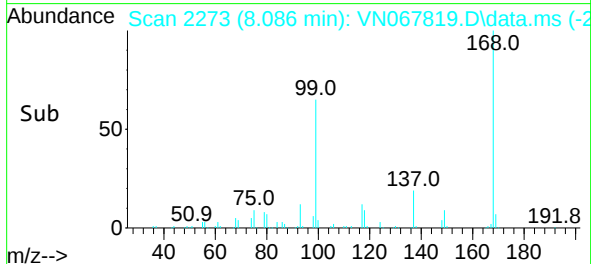


#38
Carbon Tetrachloride
Concen: 6.450 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.120 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

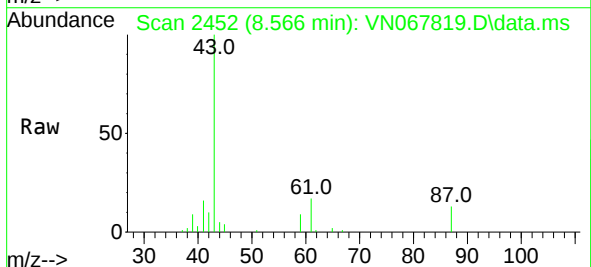
Instrument :
MSVOA_N
ClientSampleId :



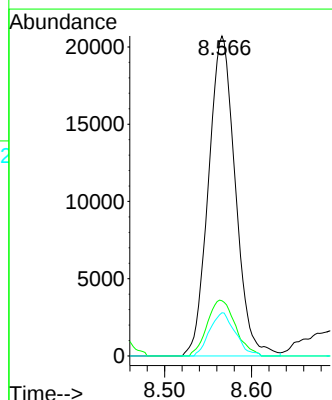
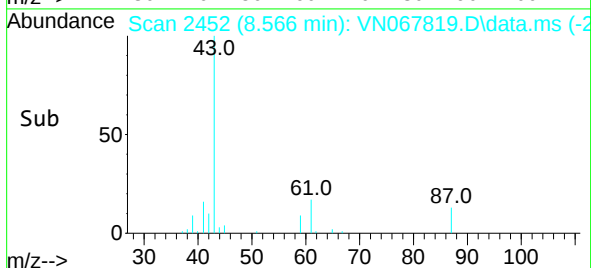
Tgt Ion:117 Resp: 39116
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.2#
121 0.0 23.5 35.3#

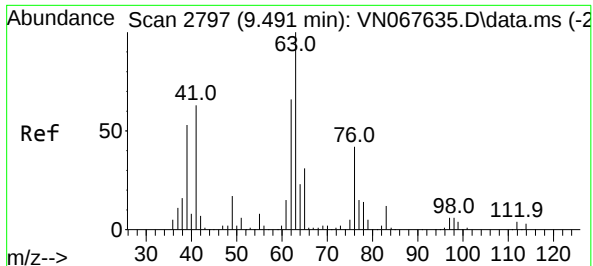


#43
Isopropyl Acetate
Concen: 4.233 ug/l
RT: 8.566 min Scan# 2452
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58



Tgt Ion: 43 Resp: 44360
Ion Ratio Lower Upper
43 100
61 18.3 19.0 28.4#
87 12.9 9.5 14.3

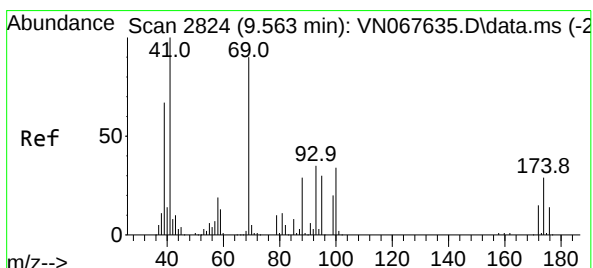
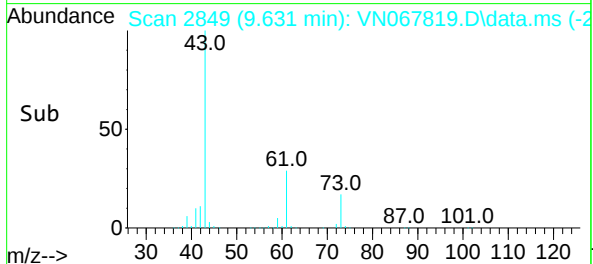
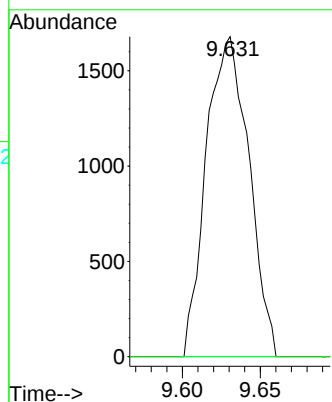
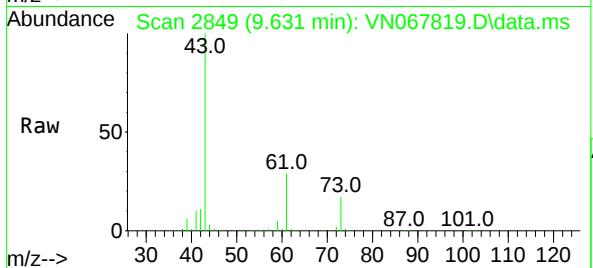




#45
1,2-Dichloropropane
Concen: 0.687 ug/l
RT: 9.631 min Scan# 2849
Delta R.T. 0.140 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

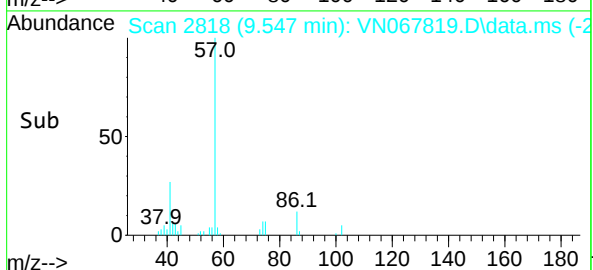
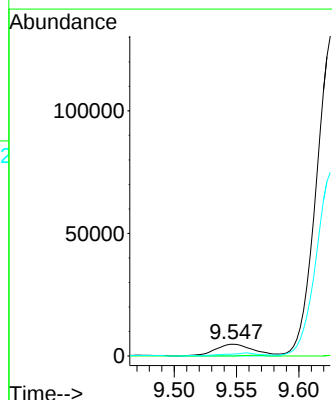
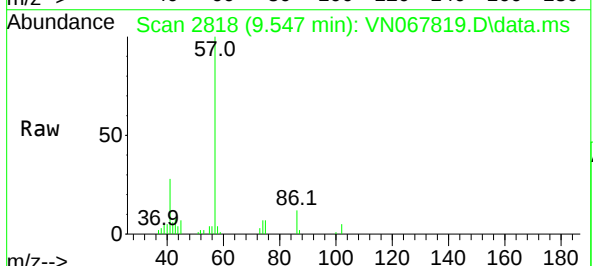
Instrument :
MSVOA_N
ClientSampled :

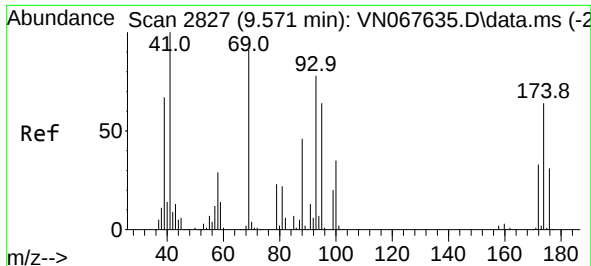
Tgt Ion: 63 Resp: 3200
Ion Ratio Lower Upper
63 100
65 0.0 24.3 36.5#



#48
Methyl methacrylate
Concen: 2.235 ug/l
RT: 9.547 min Scan# 2818
Delta R.T. -0.016 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

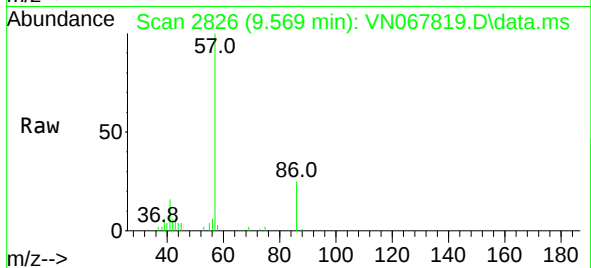
Tgt Ion: 41 Resp: 10360
Ion Ratio Lower Upper
41 100
69 2.8 64.6 96.8#
39 0.0 53.3 79.9#



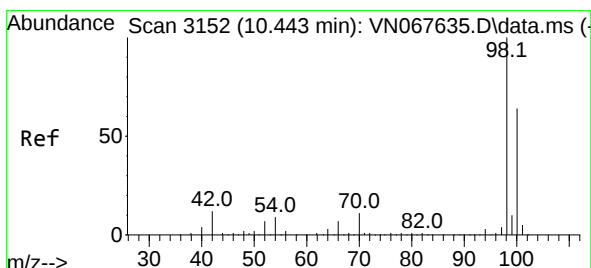
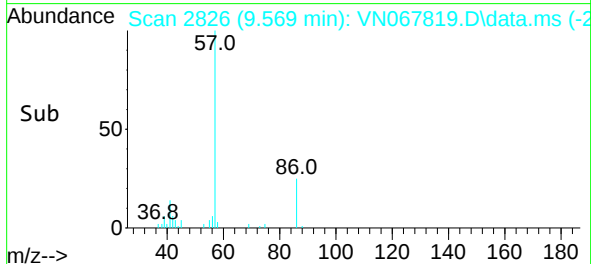
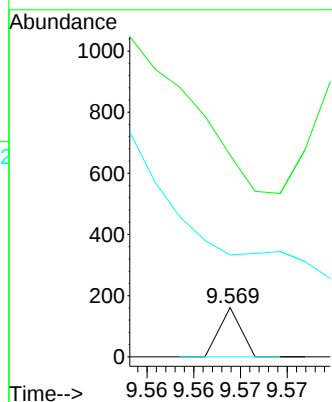


#49
1,4-Dioxane
Concen: 32.406 ug/l
RT: 9.569 min Scan# 2826
Delta R.T. -0.002 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Instrument :
MSVOA_N
ClientSampled :

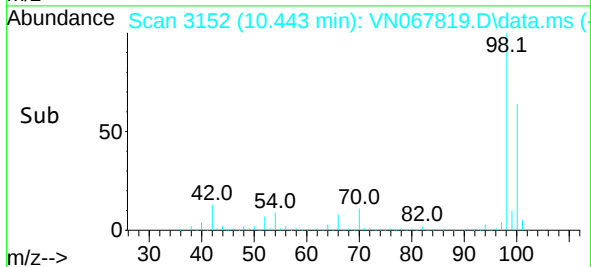
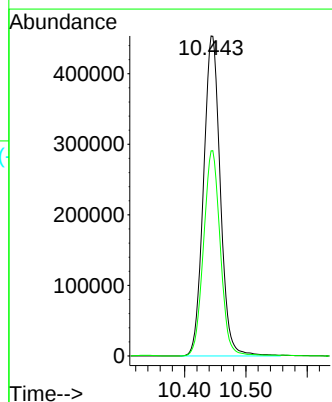
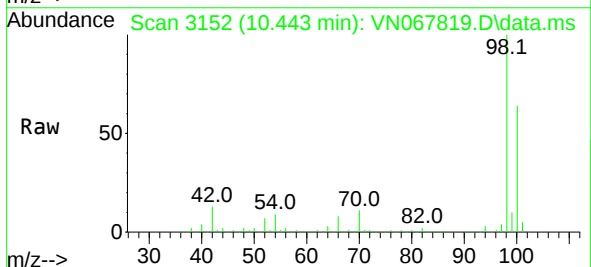


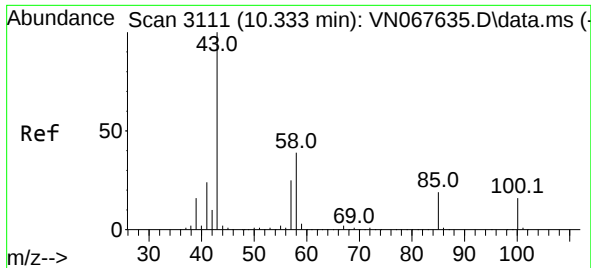
Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 28.8 43.2#
58 6984.6 60.4 90.6#



#50
Toluene-d8
Concen: 51.649 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 98 Resp: 864504
Ion Ratio Lower Upper
98 100
100 63.9 51.7 77.5

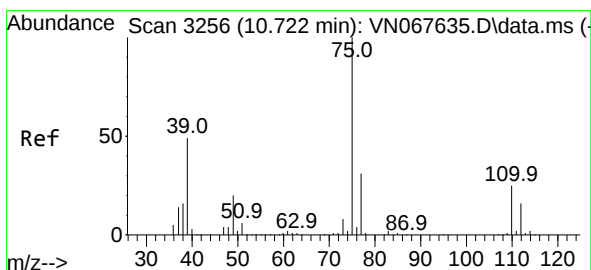
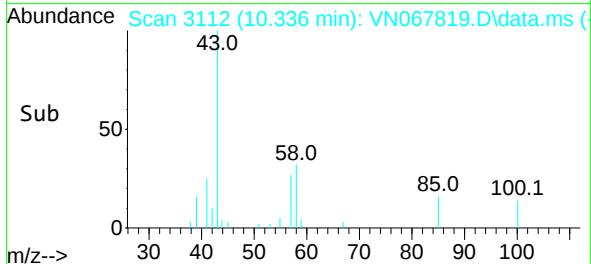
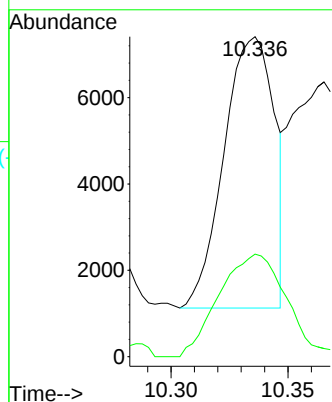
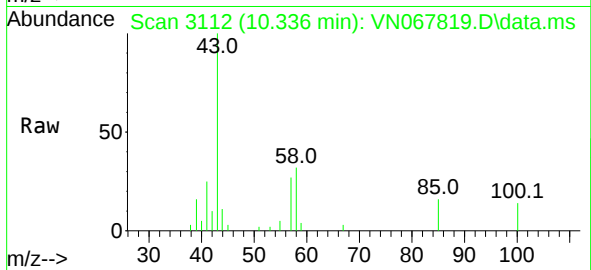




#51
4-Methyl-2-Pentanone
Concen: 1.464 ug/l
RT: 10.336 min Scan# 3112
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

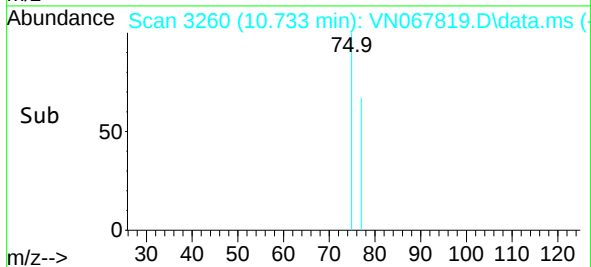
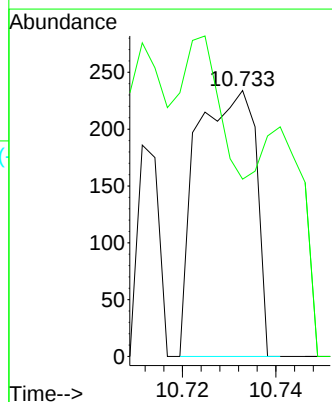
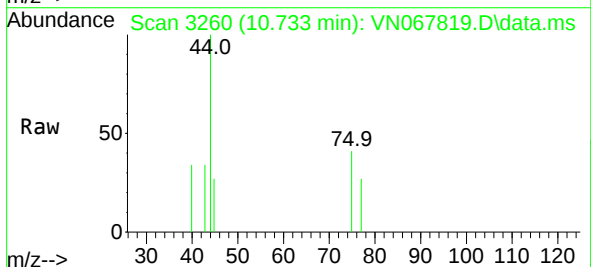
Instrument :
MSVOA_N
ClientSampled :

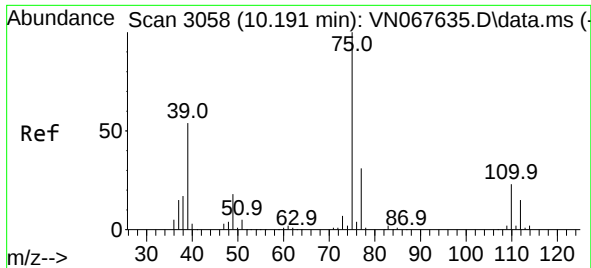
Tgt Ion: 43 Resp: 9425
Ion Ratio Lower Upper
43 100
58 50.3 28.6 43.0#



#53
t-1,3-Dichloropropene
Concen: 1.770 ug/l
RT: 10.733 min Scan# 3260
Delta R.T. 0.011 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 75 Resp: 205
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#

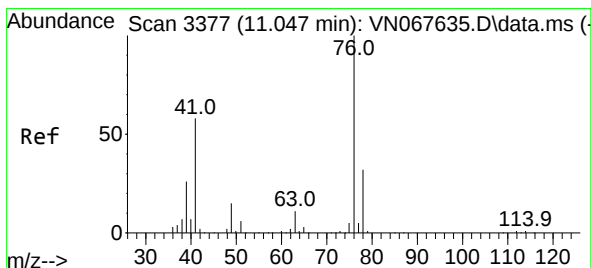
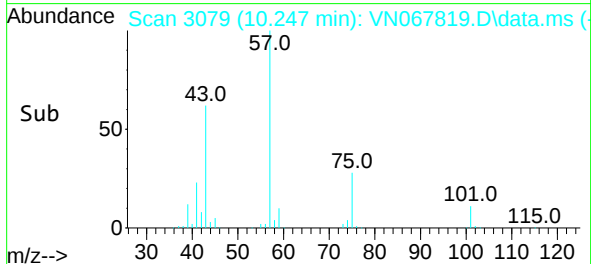
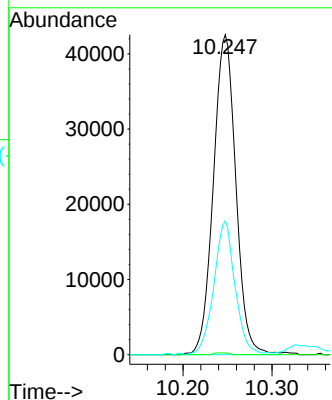
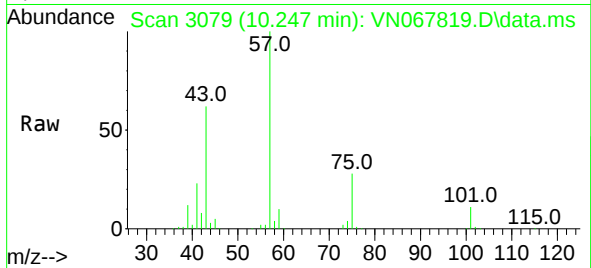




#54
cis-1,3-Dichloropropene
Concen: 10.365 ug/l
RT: 10.247 min Scan# 3079
Delta R.T. 0.056 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

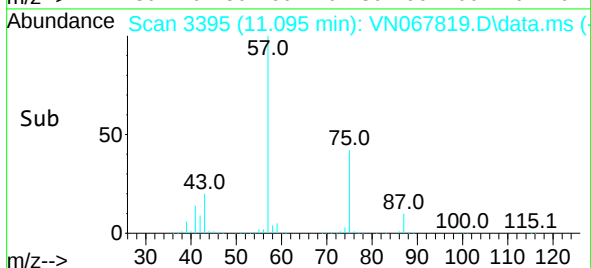
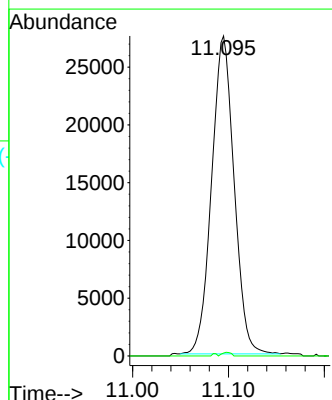
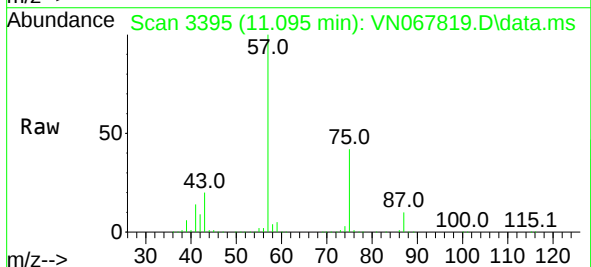
Instrument :
MSVOA_N
ClientSampleId :

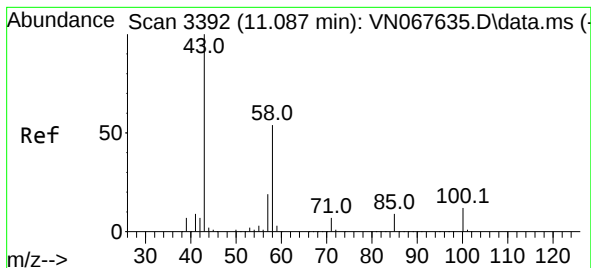
Tgt Ion: 75 Resp: 74505
Ion Ratio Lower Upper
75 100
77 0.6 24.6 37.0#
39 41.4 50.7 76.1#



#57
1,3-Dichloropropane
Concen: 5.660 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.048 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 76 Resp: 44837
Ion Ratio Lower Upper
76 100
78 0.4 25.7 38.5#

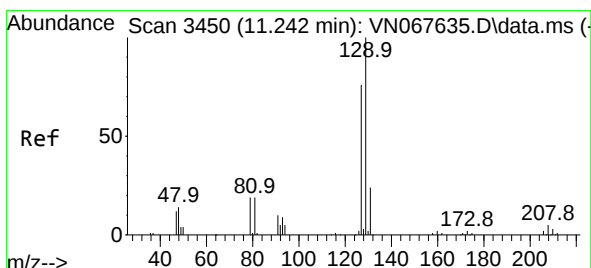
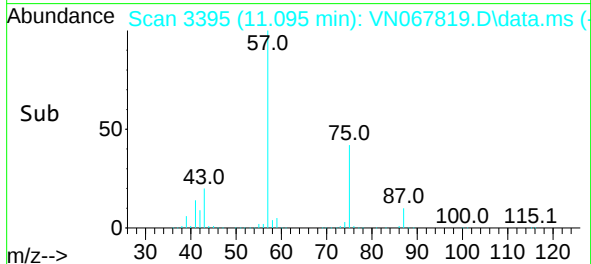
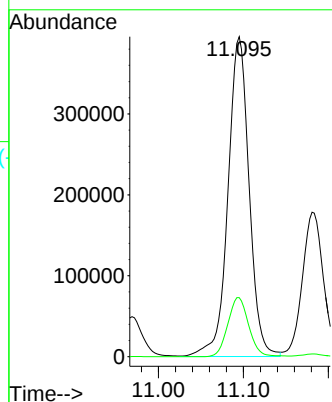
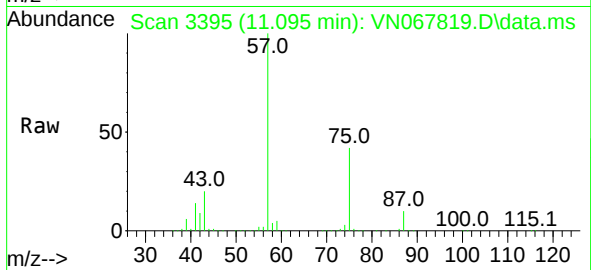




#59
2-Hexanone
Concen: 152.364 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

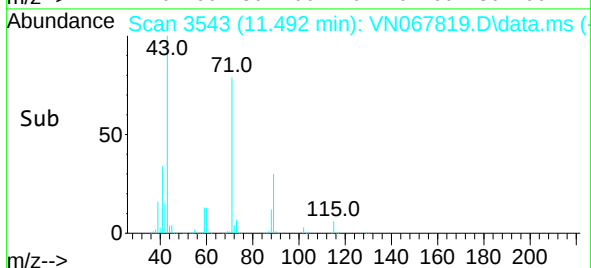
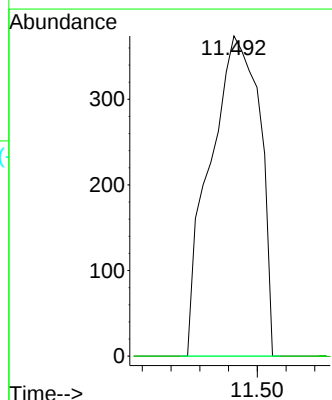
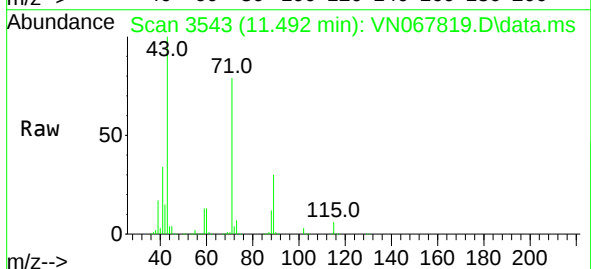
Instrument :
MSVOA_N
ClientSampleId :

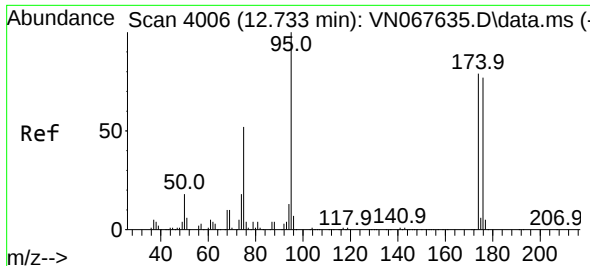
Tgt Ion: 43 Resp: 684650
Ion Ratio Lower Upper
43 100
58 18.3 24.7 74.1#



#60
Dibromochloromethane
Concen: 2.432 ug/l
RT: 11.492 min Scan# 3543
Delta R.T. 0.250 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion:129 Resp: 450
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

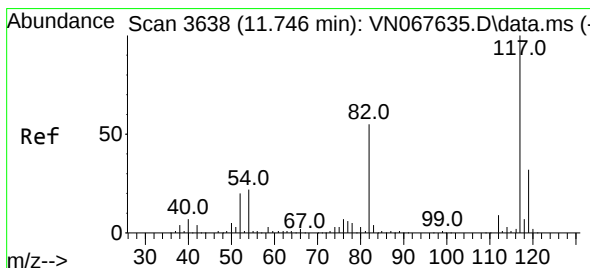
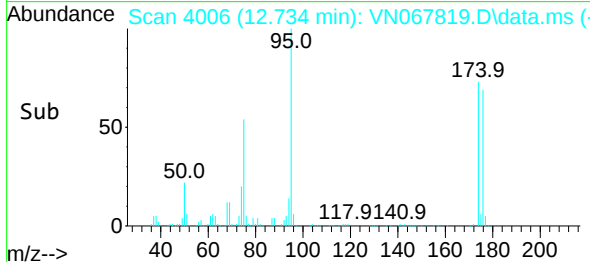
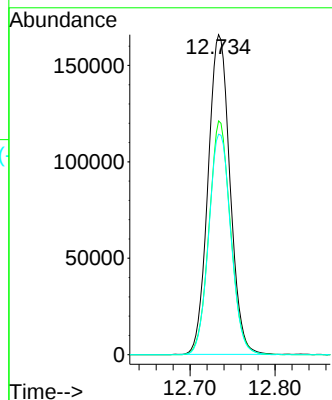
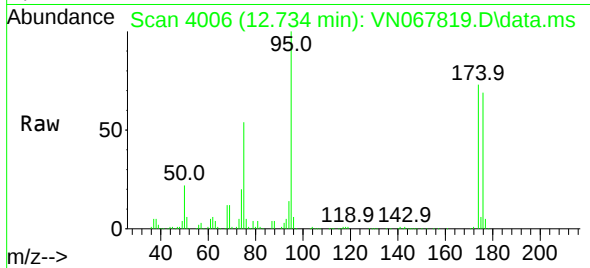




#62
4-Bromofluorobenzene
Concen: 50.258 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.001 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

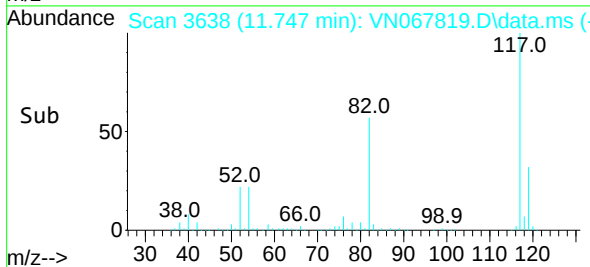
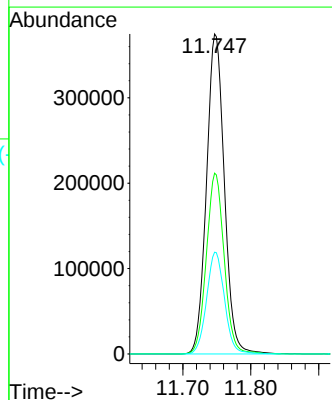
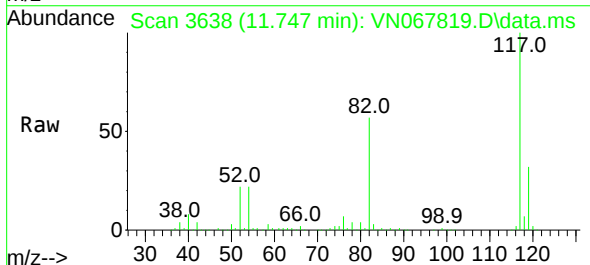
Instrument :
MSVOA_N
ClientSampleId :

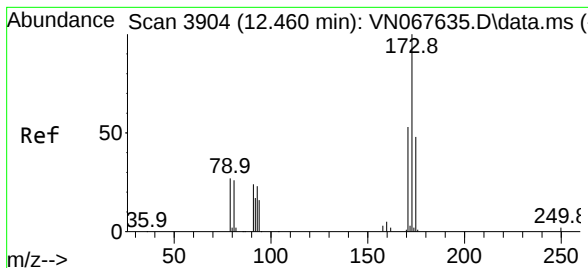
Tgt Ion: 95 Resp: 297170
Ion Ratio Lower Upper
95 100
174 71.9 0.0 122.0
176 69.8 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 117 Resp: 683831
Ion Ratio Lower Upper
117 100
82 56.5 53.1 79.7
119 31.8 25.5 38.3

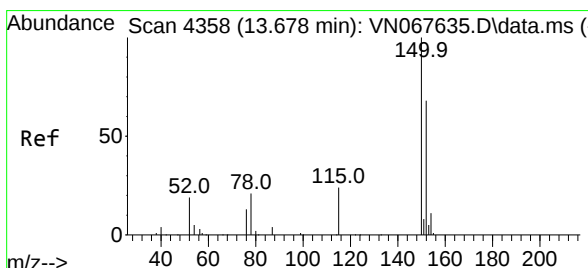
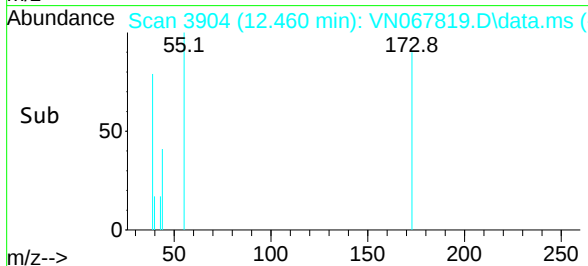
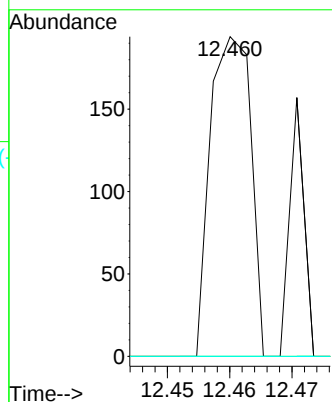
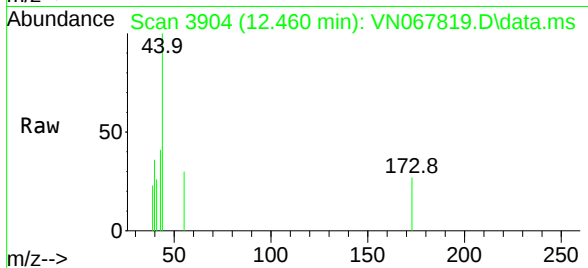




#71
Bromoform
Concen: 3.195 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. 0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

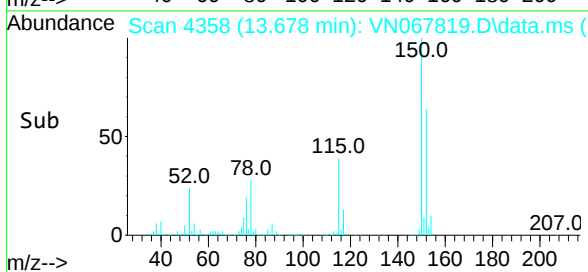
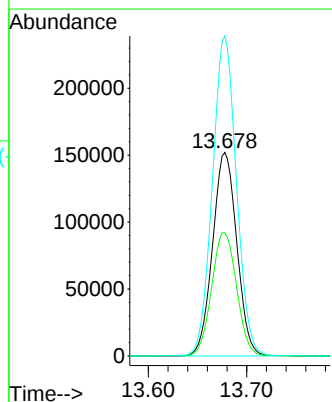
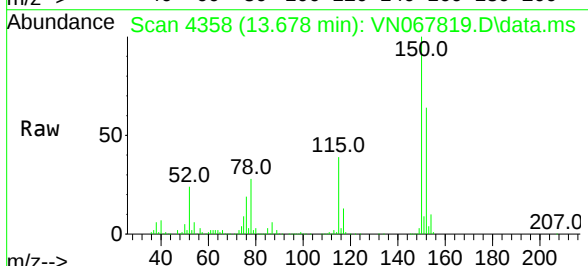
Instrument :
MSVOA_N
ClientSampled :

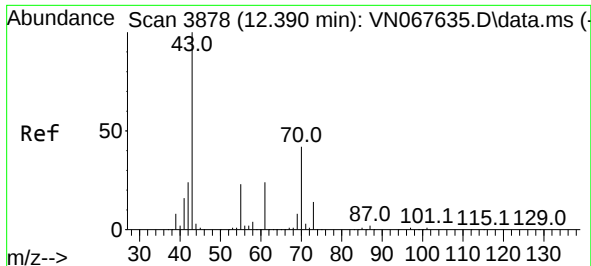
Tgt Ion:173 Resp: 88
Ion Ratio Lower Upper
173 100
175 0.0 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.678 min Scan# 4358
Delta R.T. 0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion:152 Resp: 260010
Ion Ratio Lower Upper
152 100
115 62.5 36.1 108.5
150 155.4 0.0 351.8

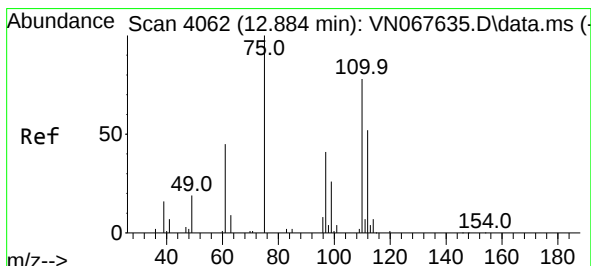
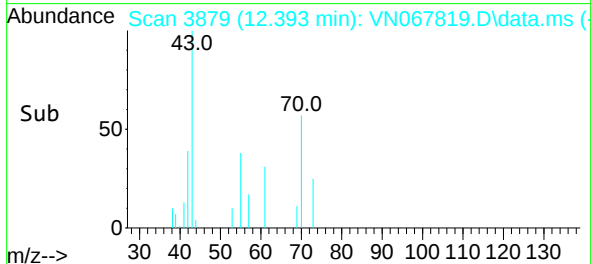
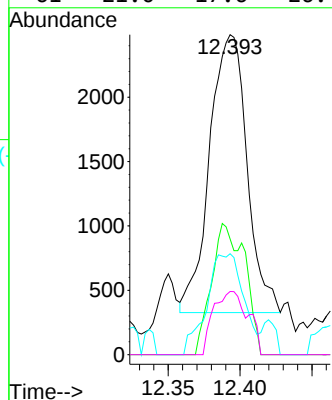
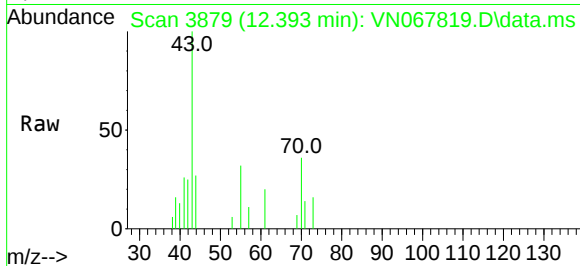




#74
N-amy1 acetate
Concen: 0.513 ug/l
RT: 12.393 min Scan# 3879
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

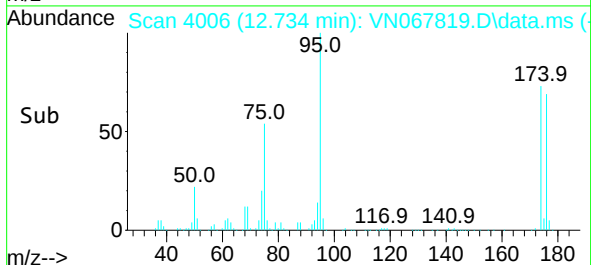
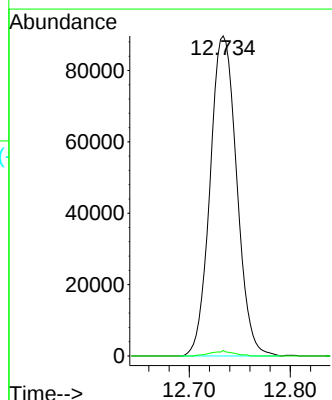
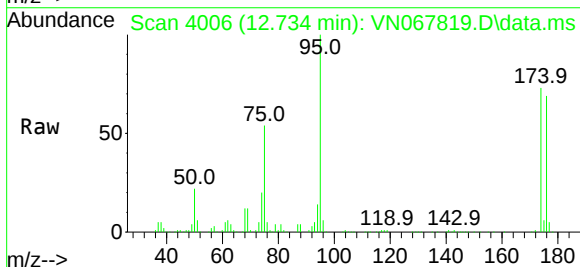
Instrument :
MSVOA_N
ClientSampleId :

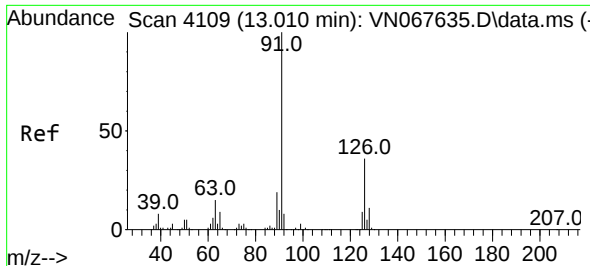
Tgt Ion:	43	Resp:	3901
Ion	Ratio	Lower	Upper
43	100		
70	42.0	29.4	44.2
55	35.7	17.0	25.4#
61	21.0	17.6	26.4



#76
1,2,3-Trichloropropane
Concen: 30.956 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. -0.150 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion:	75	Resp:	164373
Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

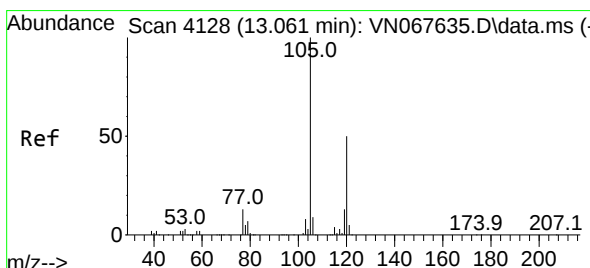
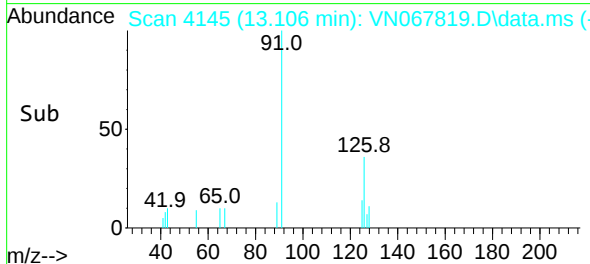
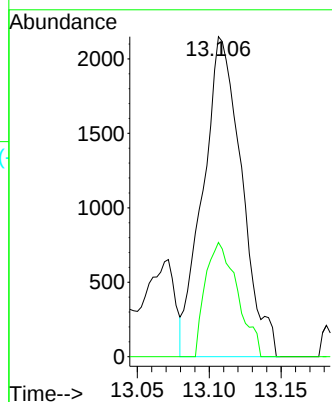
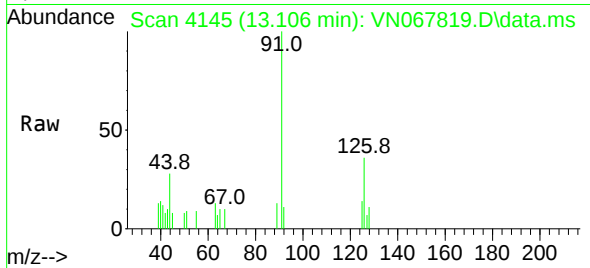




#79
2-Chlorotoluene
Concen: 0.281 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.096 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

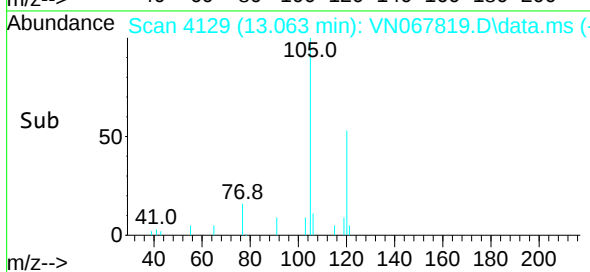
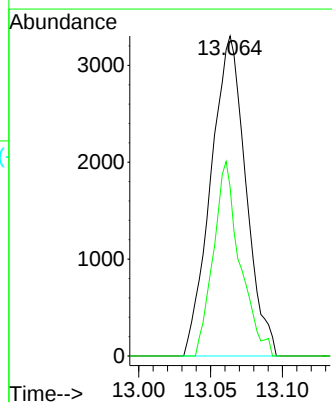
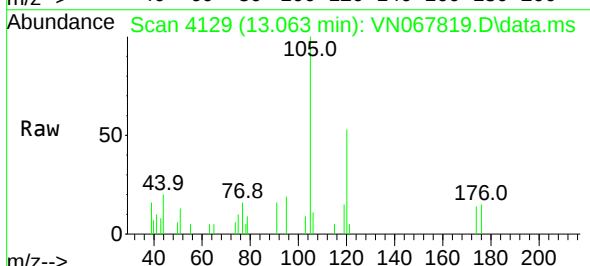
Instrument :
MSVOA_N
ClientSampleId :

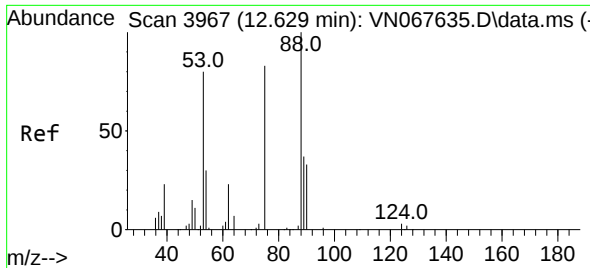
Tgt Ion: 91 Resp: 4025
Ion Ratio Lower Upper
91 100
126 29.6 14.5 43.5



#80
1,3,5-Trimethylbenzene
Concen: 0.328 ug/l
RT: 13.063 min Scan# 4129
Delta R.T. 0.002 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 105 Resp: 5578
Ion Ratio Lower Upper
105 100
120 46.3 22.2 66.6

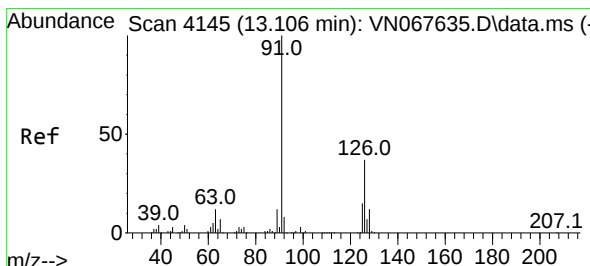
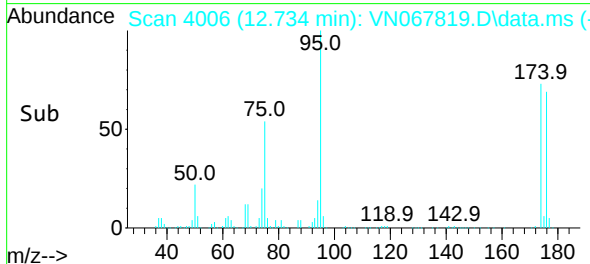
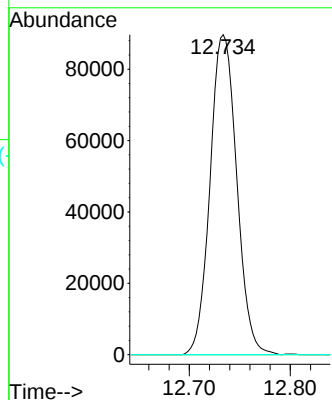
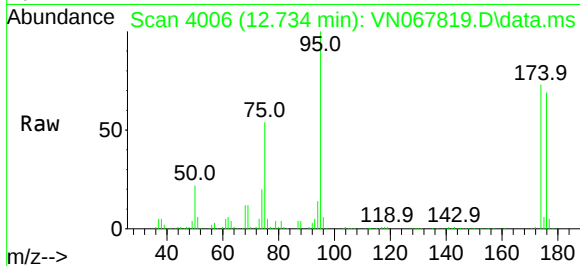




#81
trans-1,4-Dichloro-2-butene
Concen: 99.806 ug/l
RT: 12.734 min Scan# 4006
Delta R.T. 0.105 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

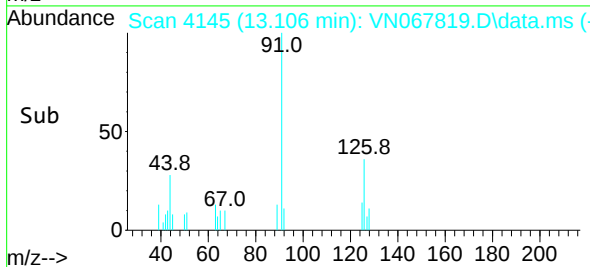
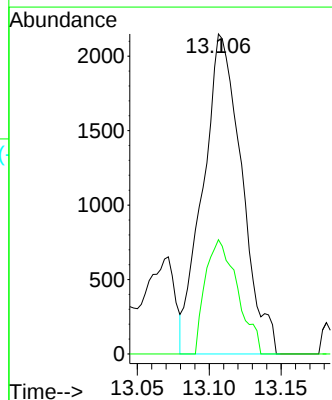
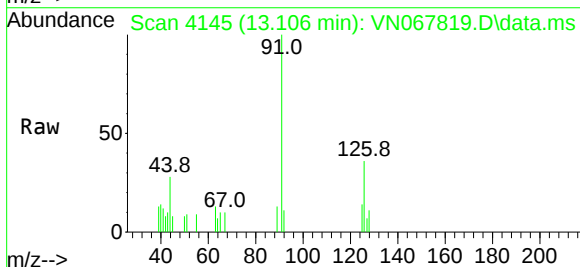
Instrument :
MSVOA_N
ClientSampleId :

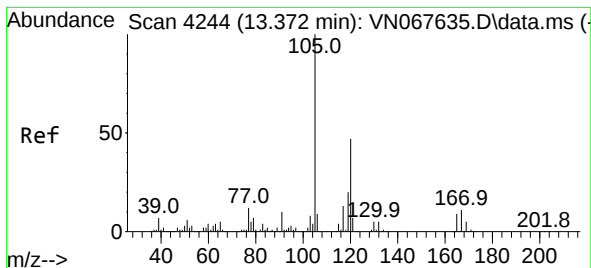
Tgt Ion: 75 Resp: 164373
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#82
4-Chlorotoluene
Concen: 0.284 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion: 91 Resp: 4025
Ion Ratio Lower Upper
91 100
126 29.6 14.8 44.4





#84

1,2,4-Trimethylbenzene

Concen: 0.216 ug/l

RT: 13.369 min Scan# 4243

Delta R.T. -0.003 min

Lab File: VN067819.D

Acq: 20 Jul 2021 15:58

Tgt Ion:105 Resp: 3601

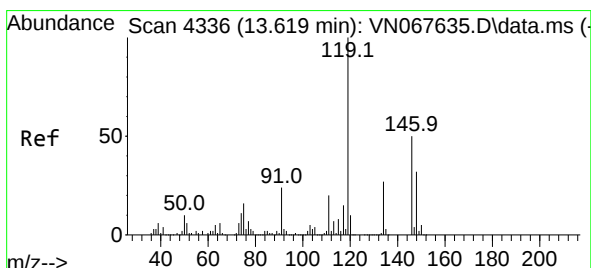
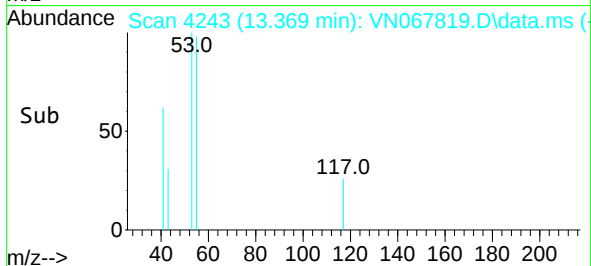
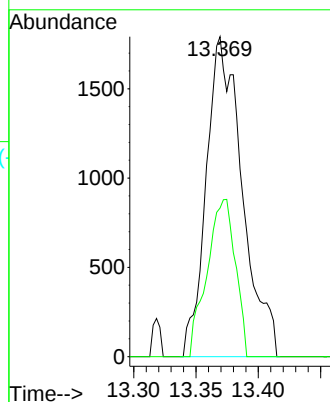
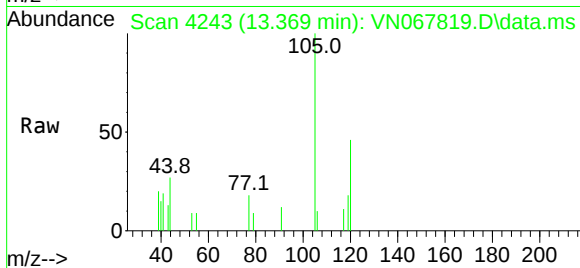
Ion Ratio Lower Upper

105	100		
120	38.6	20.6	61.8

Instrument :

MSVOA_N

ClientSampled :



#86

p-Isopropyltoluene

Concen: 0.226 ug/l

RT: 13.616 min Scan# 4335

Delta R.T. -0.003 min

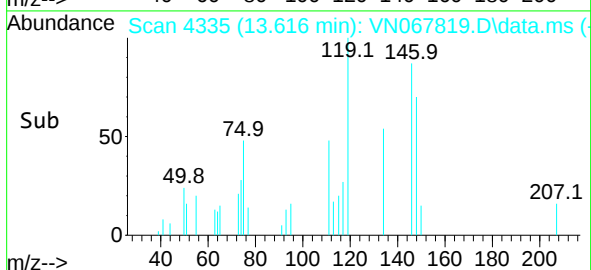
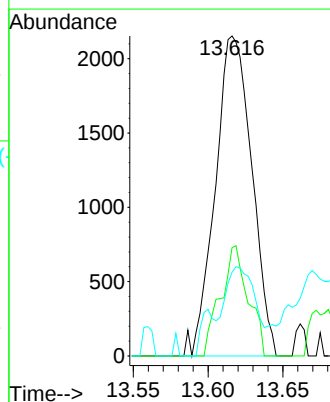
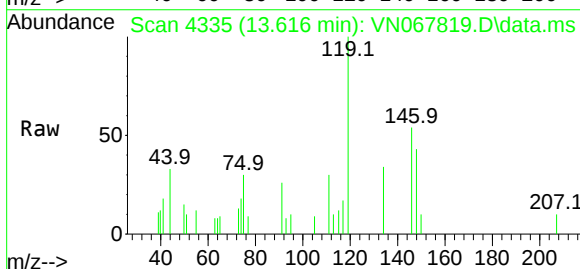
Lab File: VN067819.D

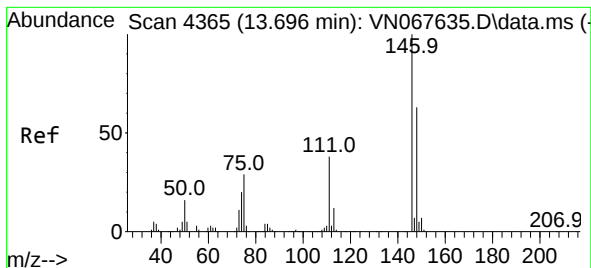
Acq: 20 Jul 2021 15:58

Tgt Ion:119 Resp: 3666

Ion Ratio Lower Upper

119	100		
134	26.0	12.4	37.4
91	12.5	14.8	44.3





#88

1,4-Dichlorobenzene

Concen: 0.415 ug/l

RT: 13.696 min Scan# 4365

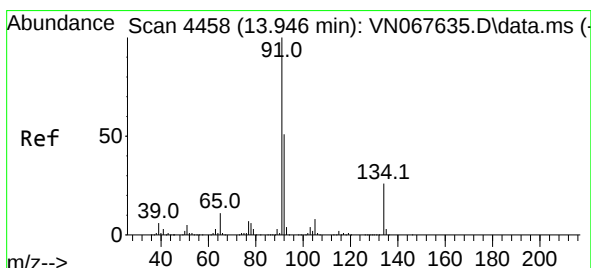
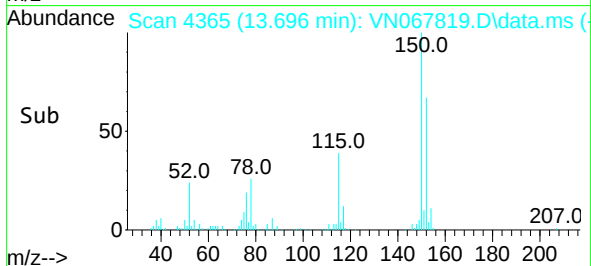
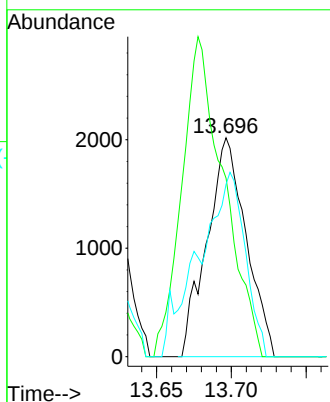
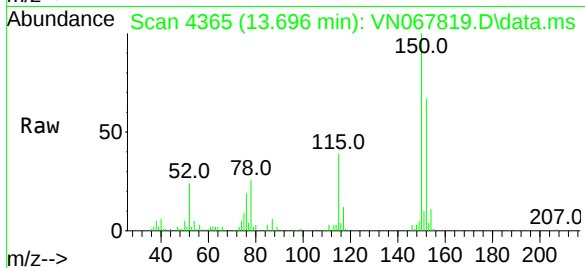
Delta R.T. 0.000 min

Lab File: VN067819.D

Acq: 20 Jul 2021 15:58

Tgt Ion:	146	Resp:	3658
Ion	Ratio	Lower	Upper
146	100		
111	0.0	23.4	70.2#
148	71.5	31.8	95.3

Instrument :
MSVOA_N
ClientSampled :



#89

n-Butylbenzene

Concen: 0.511 ug/l

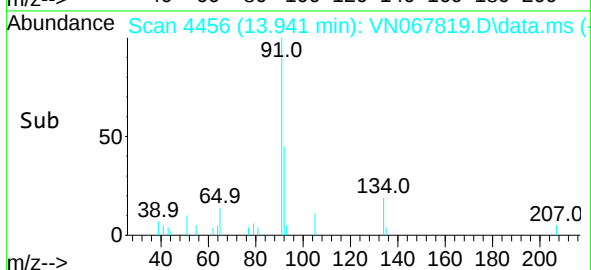
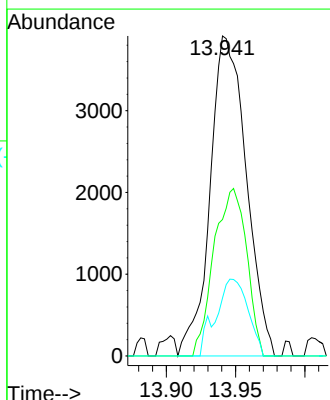
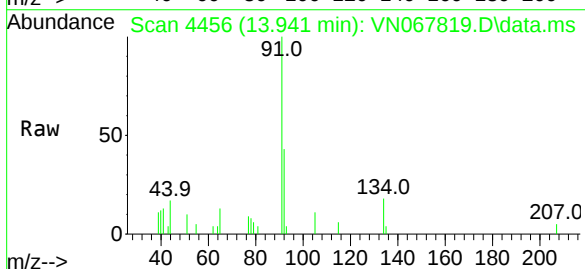
RT: 13.941 min Scan# 4456

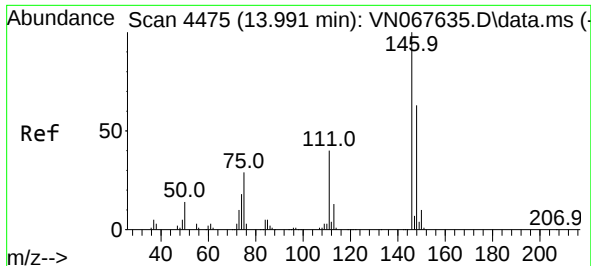
Delta R.T. -0.005 min

Lab File: VN067819.D

Acq: 20 Jul 2021 15:58

Tgt Ion:	91	Resp:	7102
Ion	Ratio	Lower	Upper
91	100		
92	47.4	25.7	77.1
134	18.6	11.2	33.6

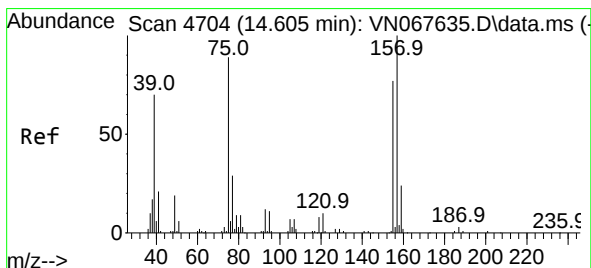
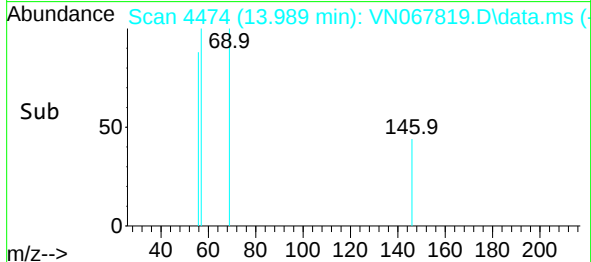
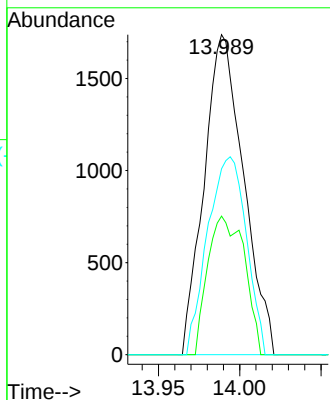
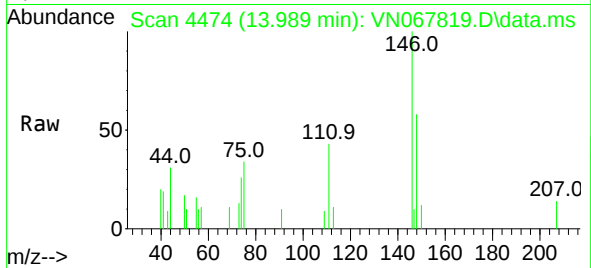




#91
1,2-Dichlorobenzene
Concen: 0.353 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. -0.002 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

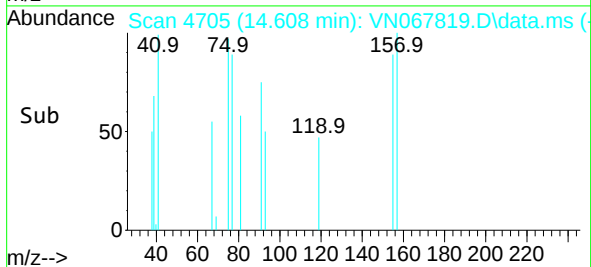
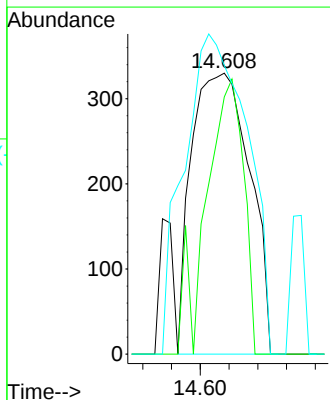
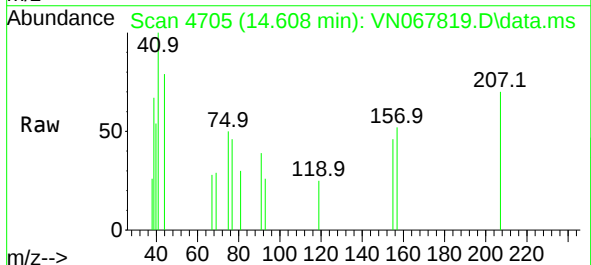
Instrument :
MSVOA_N
ClientSampleId :

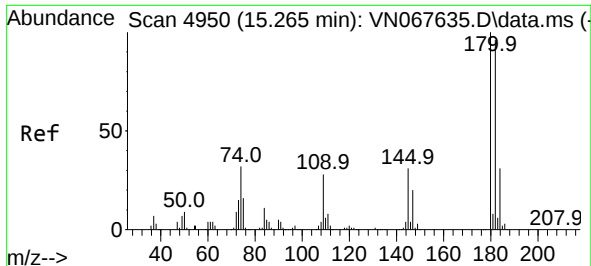
Tgt Ion:146 Resp: 2932
Ion Ratio Lower Upper
146 100
111 40.3 24.9 74.6
148 60.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.439 ug/l
RT: 14.608 min Scan# 4705
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

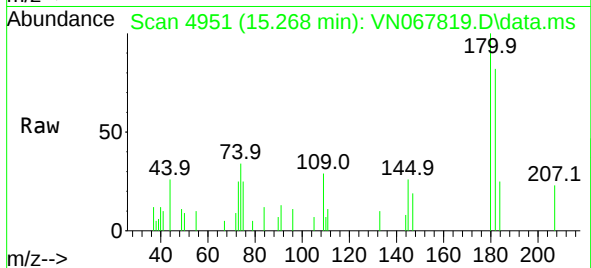
Tgt Ion: 75 Resp: 464
Ion Ratio Lower Upper
75 100
155 62.9 29.8 89.5
157 124.4 37.6 112.8#



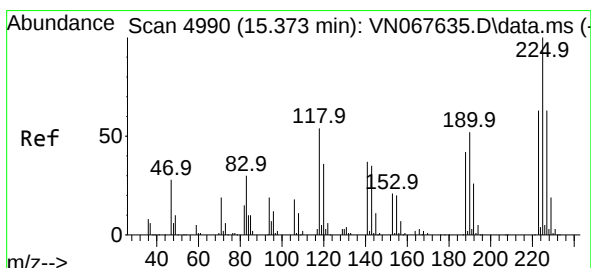
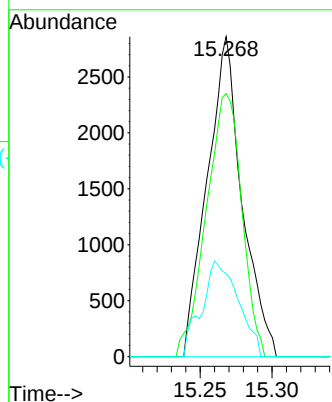
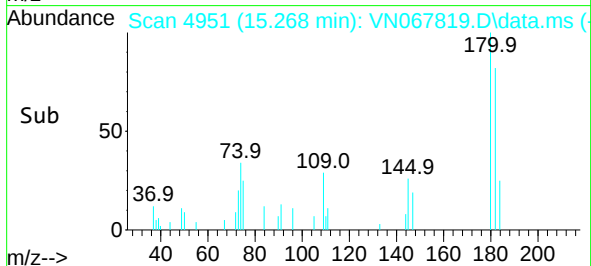


#93
1,2,4-Trichlorobenzene
Concen: 3.729 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

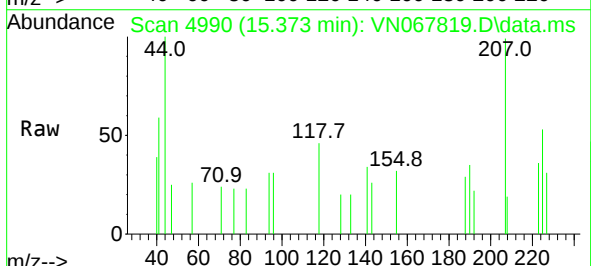
Instrument :
MSVOA_N
ClientSampled :



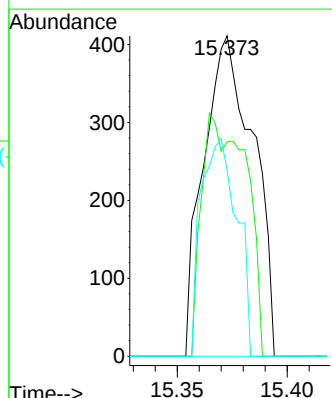
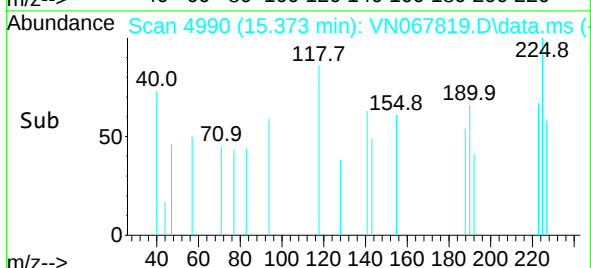
Tgt Ion:180 Resp: 4827
Ion Ratio Lower Upper
180 100
182 83.4 47.5 142.5
145 31.5 17.2 51.6

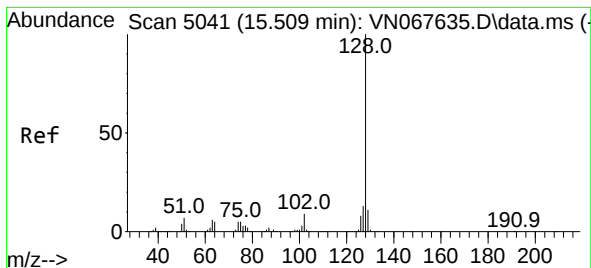


#94
Hexachlorobutadiene
Concen: 0.369 ug/l
RT: 15.373 min Scan# 4990
Delta R.T. -0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58



Tgt Ion:225 Resp: 644
Ion Ratio Lower Upper
225 100
223 67.9 31.4 94.0
227 49.5 31.2 93.6

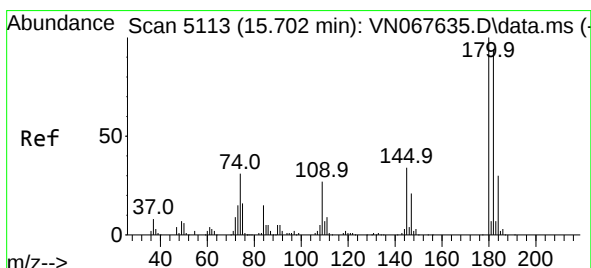
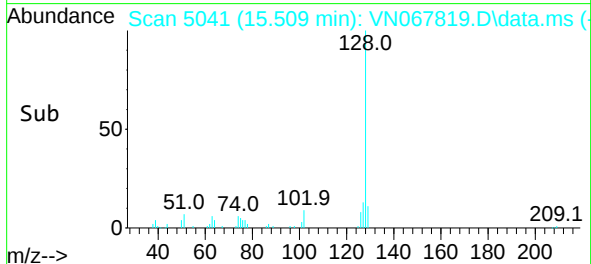
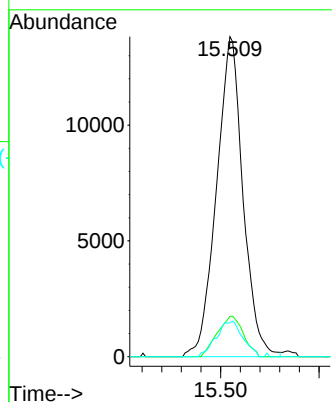
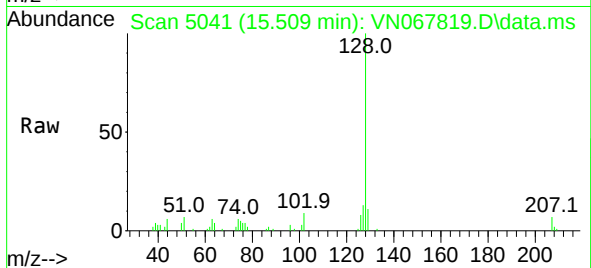




#95
Naphthalene
Concen: 4.916 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.000 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:	128	Resp:	25791
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	15.8
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 3.858 ug/l
RT: 15.703 min Scan# 5113
Delta R.T. 0.001 min
Lab File: VN067819.D
Acq: 20 Jul 2021 15:58

Tgt Ion:	180	Resp:	5370
Ion Ratio	Lower	Upper	
180	100		
182	93.5	47.8	143.3
145	41.1	18.2	54.6

