

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082521\
 Data File : VN068298.D
 Acq On : 25 Aug 2021 14:22
 Operator : JC/MD
 Sample : M3445-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20210816

Quant Time: Aug 26 04:01:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

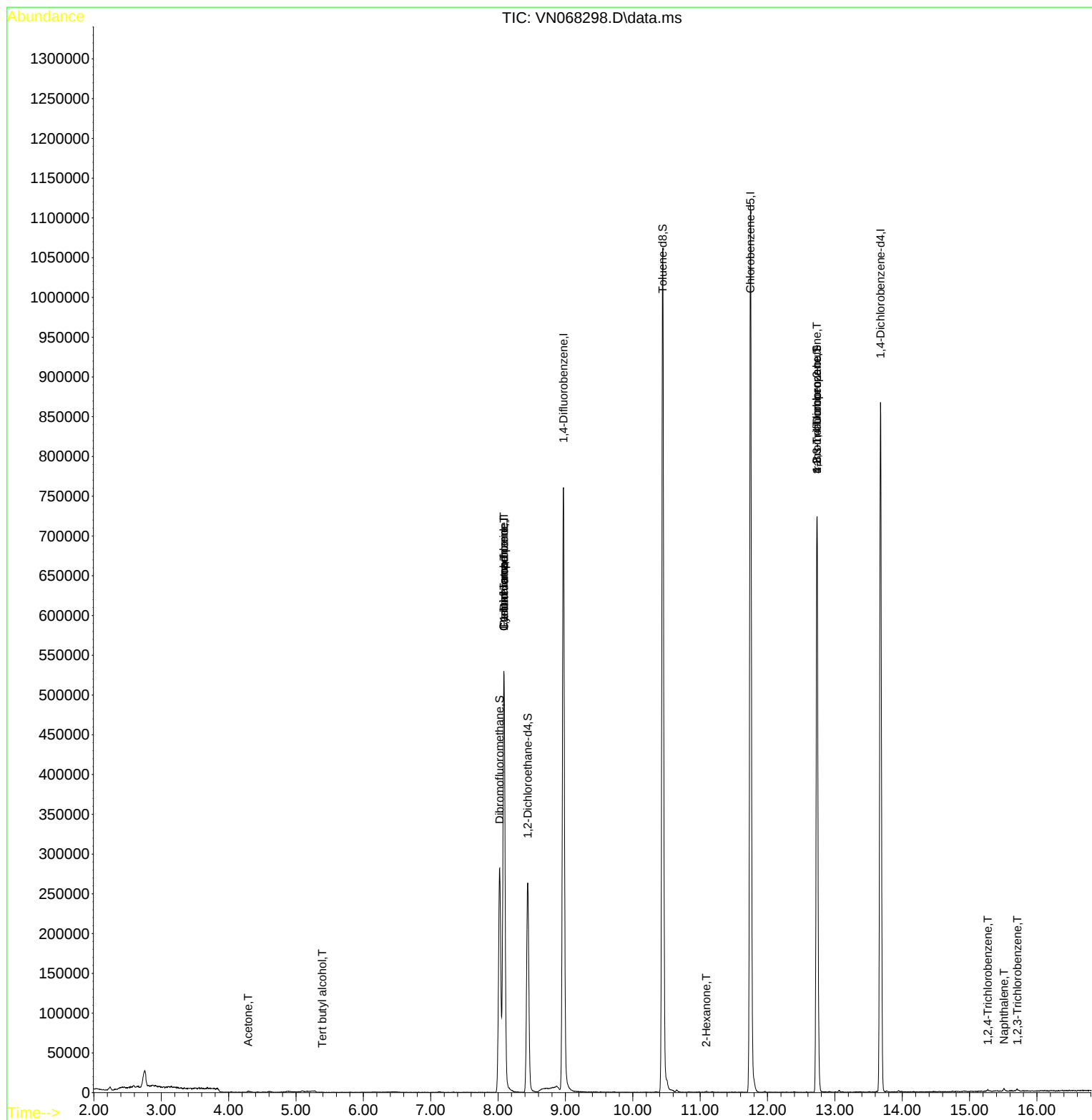
Internal Standards						
1) Pentafluorobenzene	8.086	168	441108	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	736888	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	717150	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	266402	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	225229	47.821	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.640%		
35) Dibromofluoromethane	8.024	113	204198	44.138	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.280%		
50) Toluene-d8	10.443	98	794767	45.085	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	90.180%		
62) 4-Bromofluorobenzene	12.733	95	253483	43.195	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	86.400%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.840	94	186	Below Cal	#	64
6) Chloroethane	2.904	64	25	Below Cal	#	44
11) Tert butyl alcohol	5.390	59	204	0.347	ug/l #	71
13) Acrolein	4.044	56	60	Below Cal		90
16) Acetone	4.288	43	1001	0.728	ug/l #	68
18) Methyl Acetate	4.848	43	377	Below Cal	#	54
20) Methylene Chloride	5.087	84	750	Below Cal	#	48
31) Cyclohexane	8.088	56	7484	1.206	ug/l #	1
36) 1,1-Dichloropropene	8.088	75	28887	4.795	ug/l #	53
38) Carbon Tetrachloride	8.088	117	42205	6.075	ug/l #	17
59) 2-Hexanone	11.092	43	1245	0.355	ug/l	83
76) 1,2,3-Trichloropropane	12.733	75	129610	29.271	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.733	75	129610	95.898	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.271	180	930	2.883	ug/l #	76
95) Naphthalene	15.509	128	3646	3.670	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.708	180	1246	3.110	ug/l	93

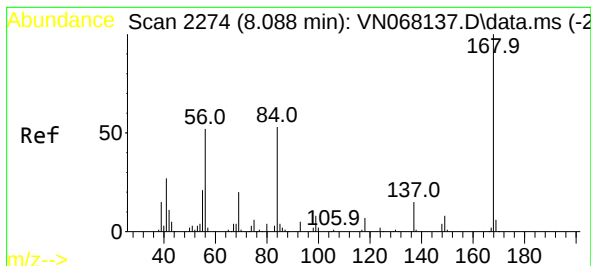
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.086 min Scan# 2273

Delta R.T. -0.002 min

Lab File: VN068298.D

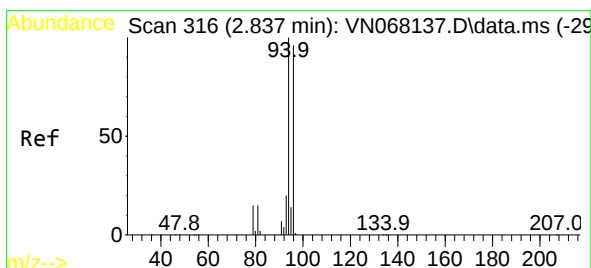
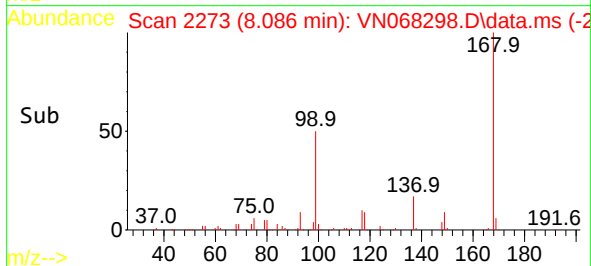
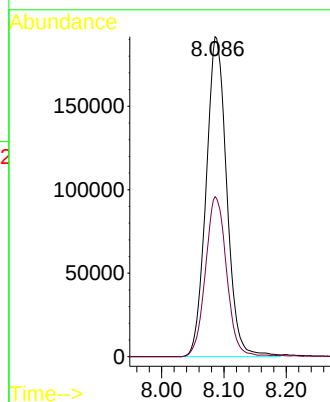
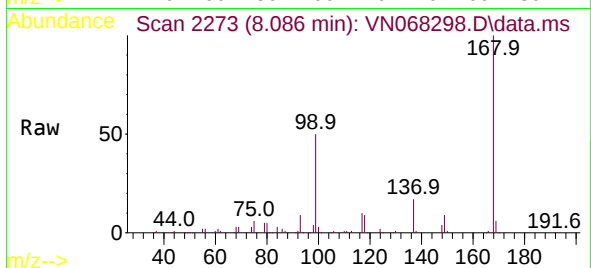
Acq: 25 Aug 2021 14:22

Tgt Ion:168 Resp: 441108

Ion Ratio Lower Upper

168 100

99 50.0 62.9 94.3#



#5

Bromomethane

Concen: Below Cal

RT: 2.840 min Scan# 317

Delta R.T. 0.003 min

Lab File: VN068298.D

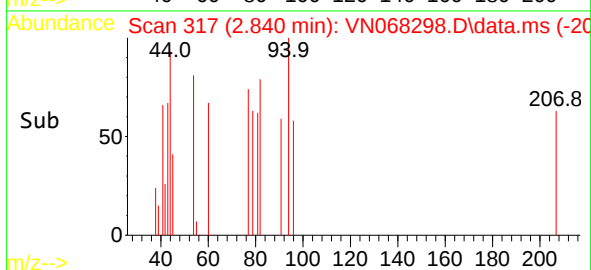
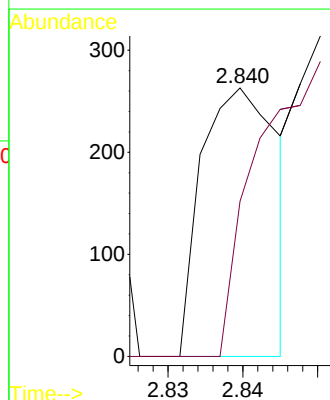
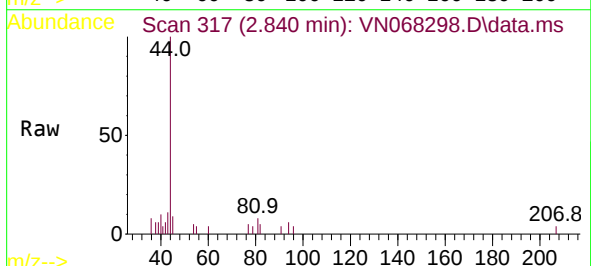
Acq: 25 Aug 2021 14:22

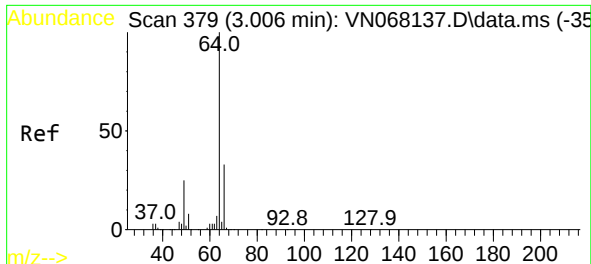
Tgt Ion: 94 Resp: 186

Ion Ratio Lower Upper

94 100

96 57.8 73.7 110.5#

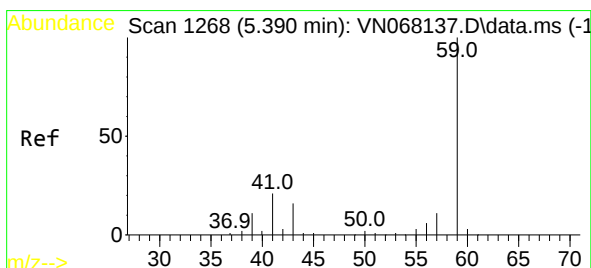
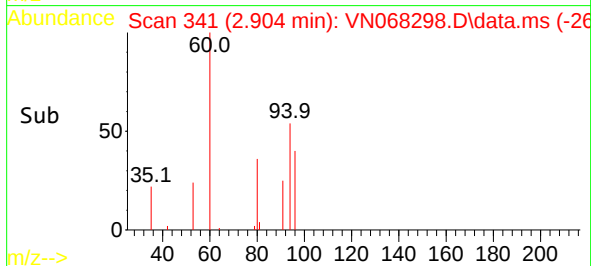
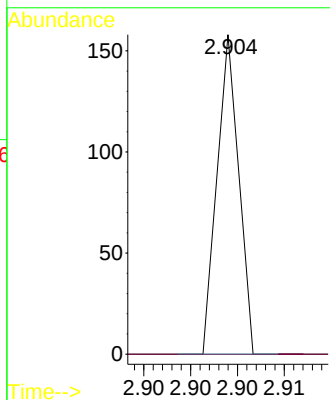
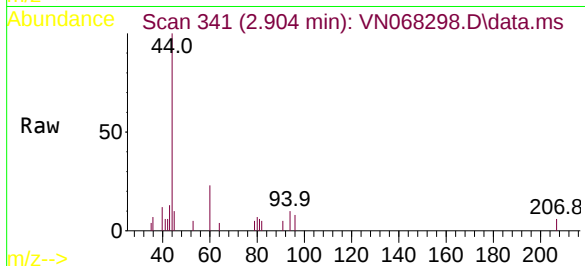




#6
Chloroethane
Concen: Below Cal
RT: 2.904 min Scan# 341
Delta R.T. -0.102 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

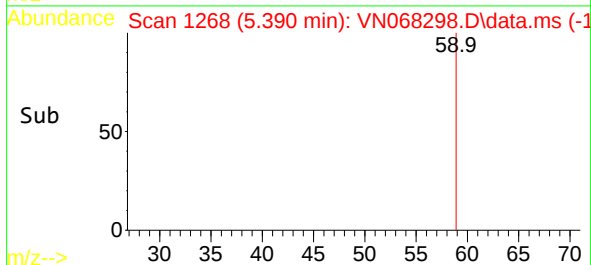
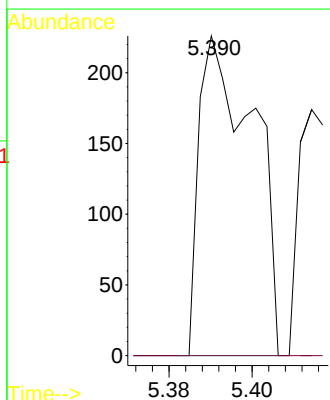
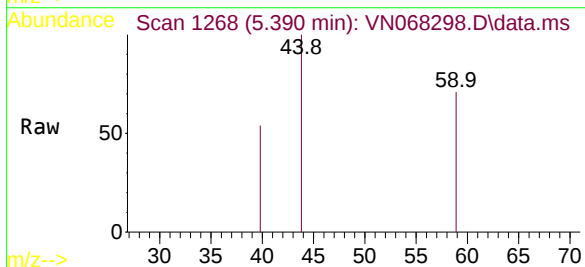
Instrument :
MSVOA_N
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TT-TB-20210816

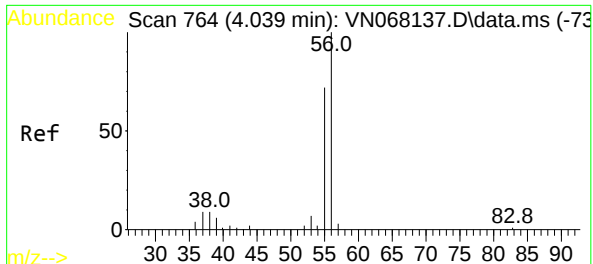
Tgt Ion: 64 Resp: 25
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#11
Tert butyl alcohol
Concen: 0.347 ug/l
RT: 5.390 min Scan# 1268
Delta R.T. 0.000 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion: 59 Resp: 204
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

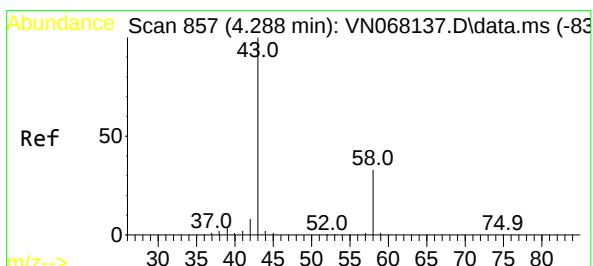
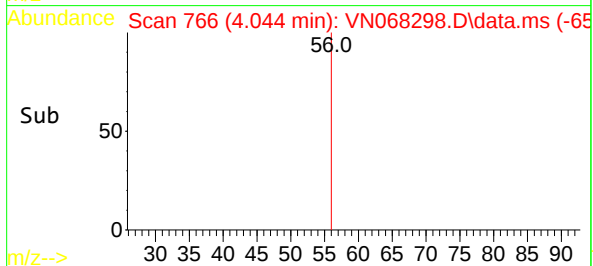
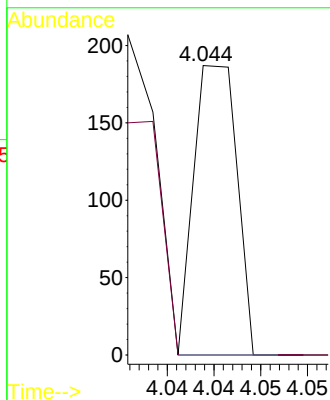
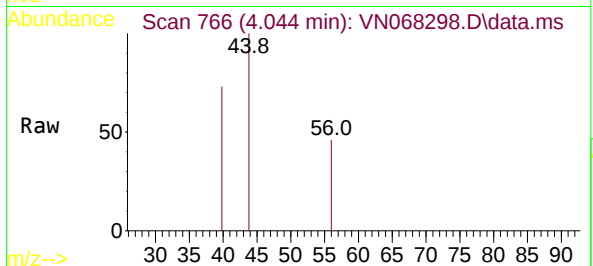




#13
Acrolein
Concen: Below Cal
RT: 4.044 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

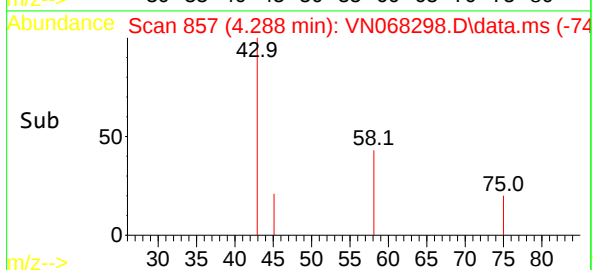
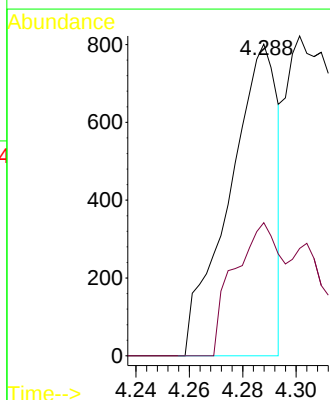
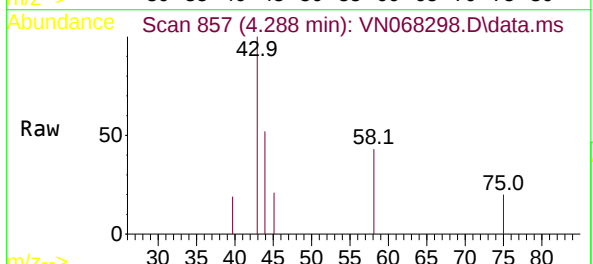
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

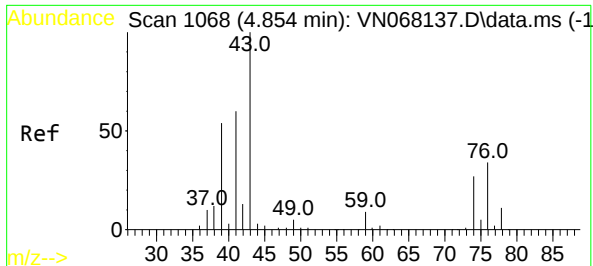
Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 80.0 57.4 86.0



#16
Acetone
Concen: 0.728 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.000 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
58 42.7 21.2 31.8#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.848 min Scan# 1066

Delta R.T. -0.006 min

Lab File: VN068298.D

Acq: 25 Aug 2021 14:22

Instrument :

MSVOA_N

ClientSampleId :

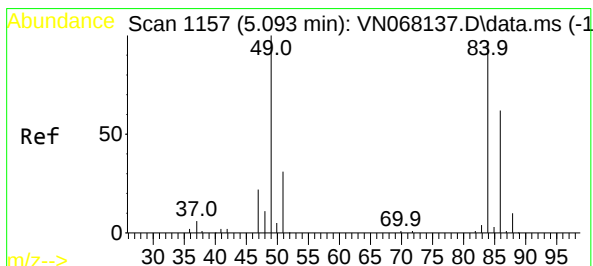
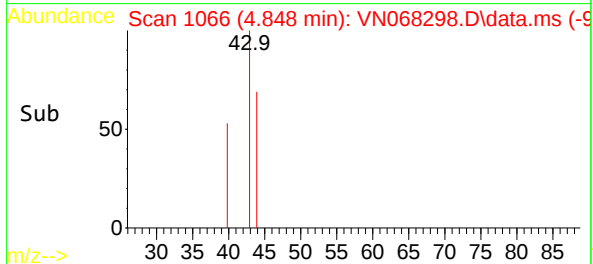
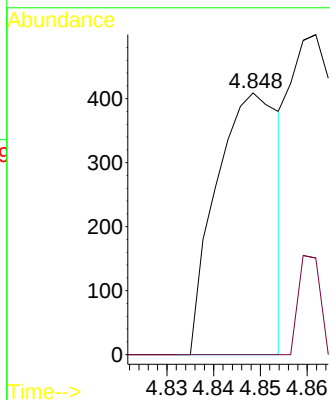
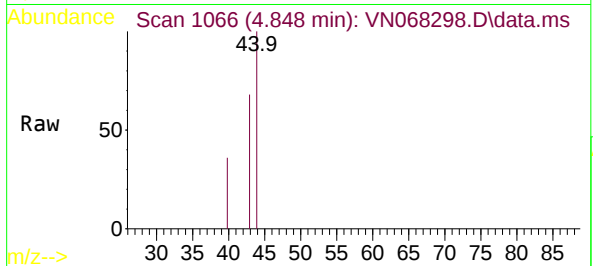
TT-TB-20210816

Tgt Ion: 43 Resp: 377

Ion Ratio Lower Upper

43 100

74 0.0 17.4 26.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 5.087 min Scan# 1155

Delta R.T. -0.006 min

Lab File: VN068298.D

Acq: 25 Aug 2021 14:22

Tgt Ion: 84 Resp: 750

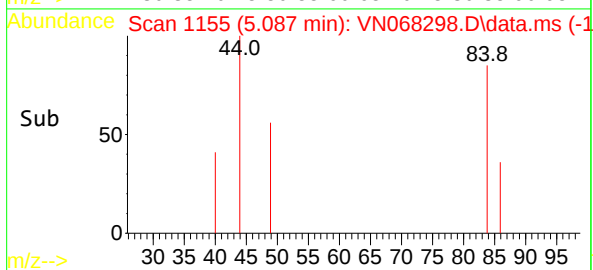
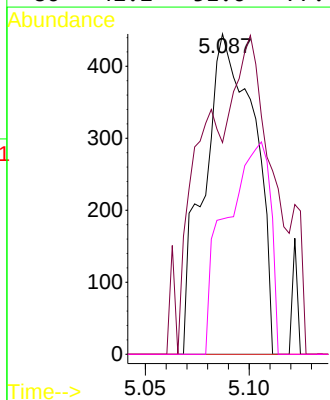
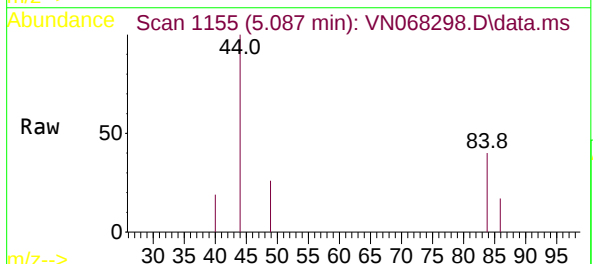
Ion Ratio Lower Upper

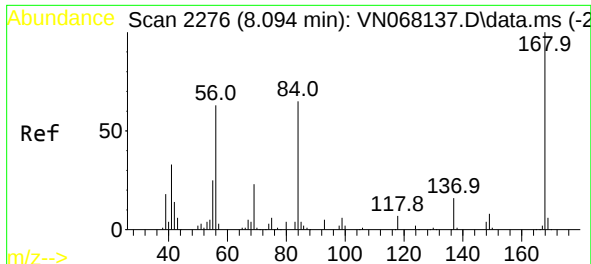
84 100

49 66.1 110.9 166.3#

51 0.0 32.6 49.0#

86 42.2 51.6 77.4#

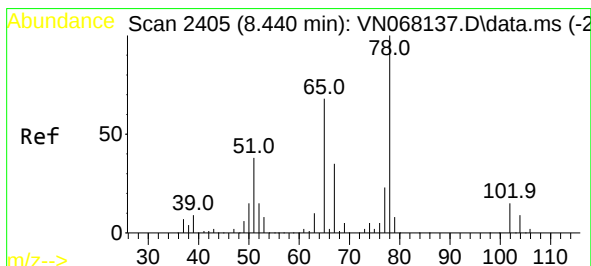
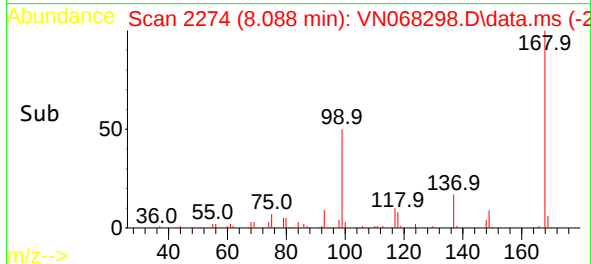
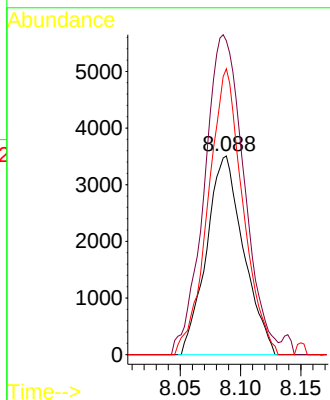
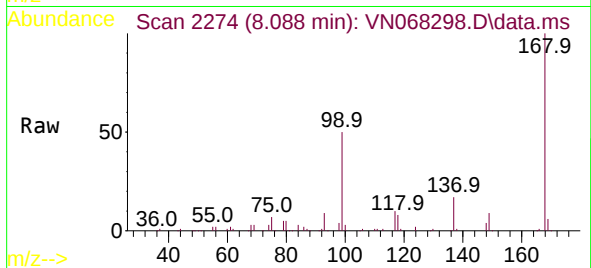




#31
Cyclohexane
Concen: 1.206 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.006 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

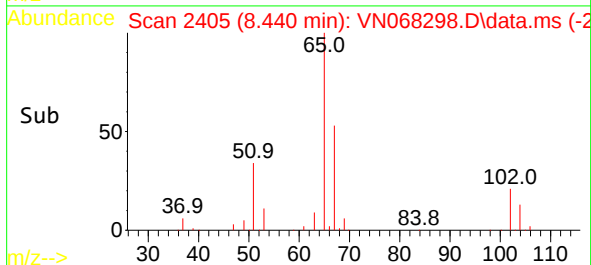
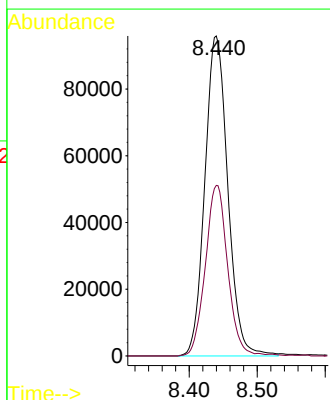
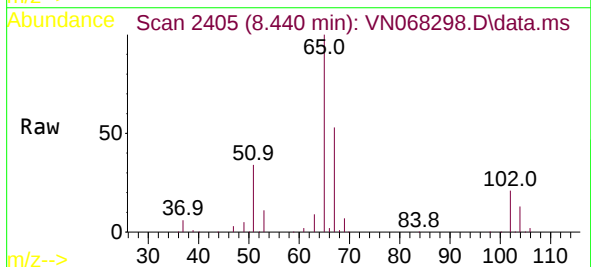
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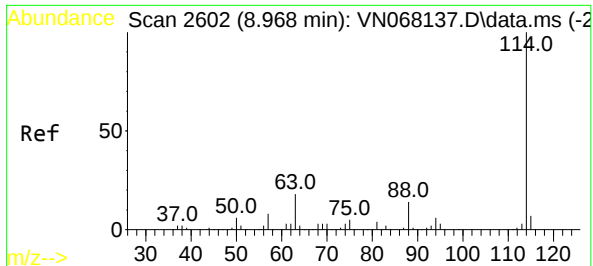
Tgt Ion: 56 Resp: 7484
Ion Ratio Lower Upper
56 100
69 151.9 27.3 40.9#
84 143.9 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 47.821 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion: 65 Resp: 225229
Ion Ratio Lower Upper
65 100
67 51.6 0.0 98.6

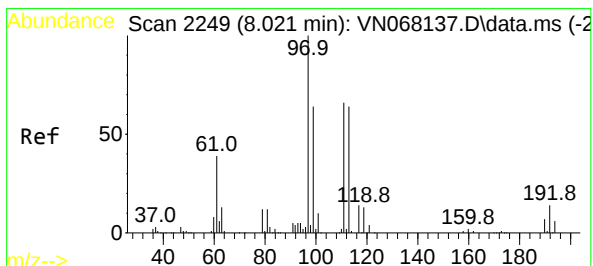
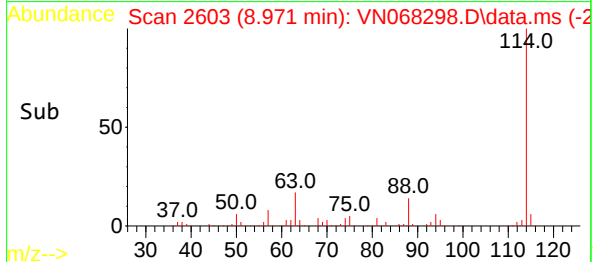
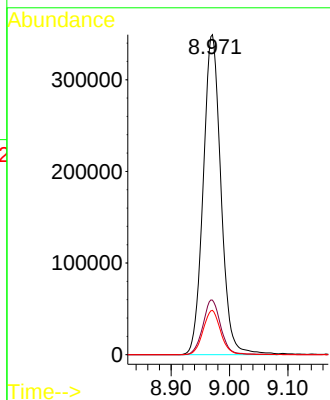
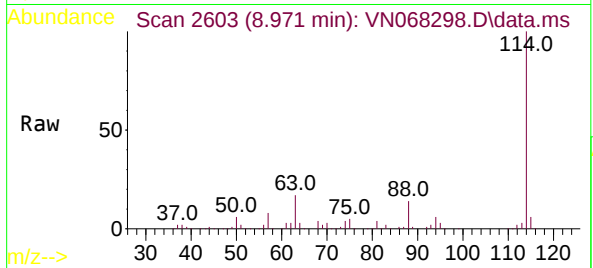




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

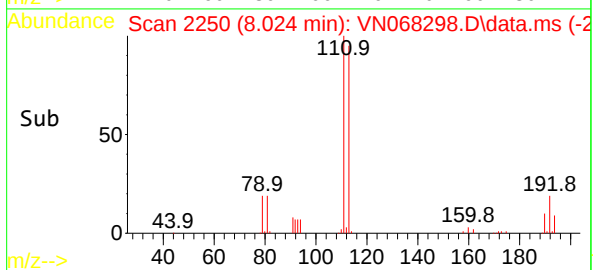
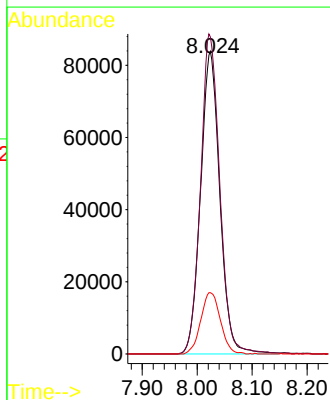
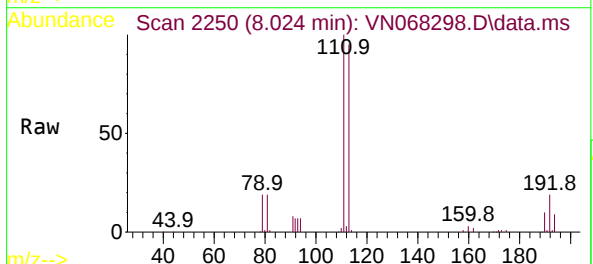
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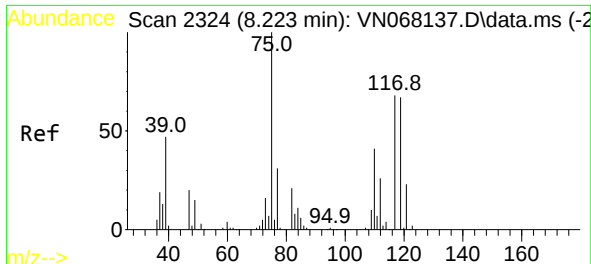
Tgt Ion:114 Resp: 736888
Ion Ratio Lower Upper
114 100
63 17.0 0.0 49.0
88 13.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 44.138 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. 0.003 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion:113 Resp: 204198
Ion Ratio Lower Upper
113 100
111 105.4 83.8 125.8
192 20.6 13.4 20.0#

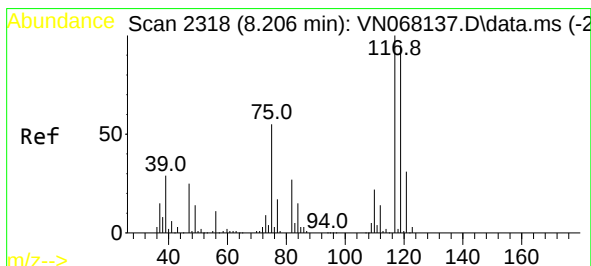
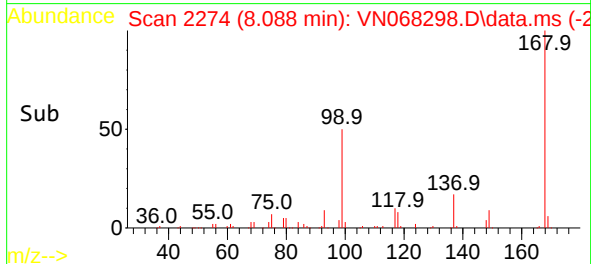
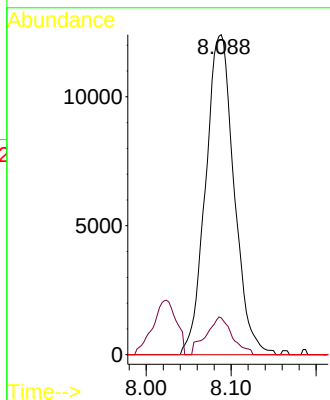
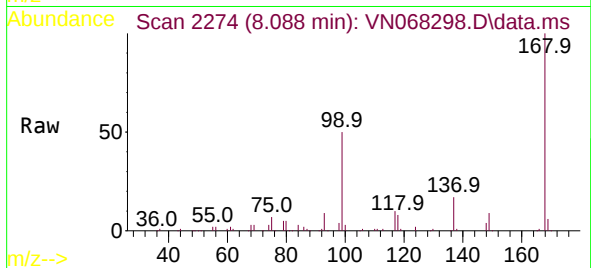




#36
1,1-Dichloropropene
Concen: 4.795 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

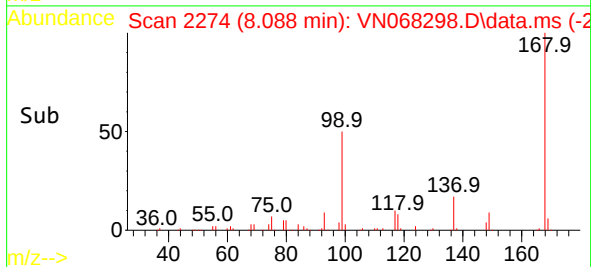
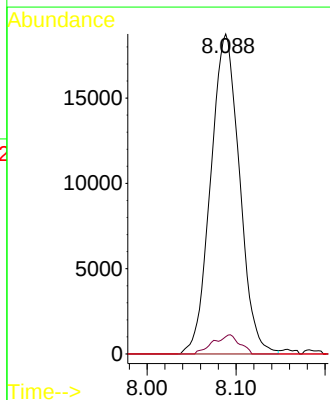
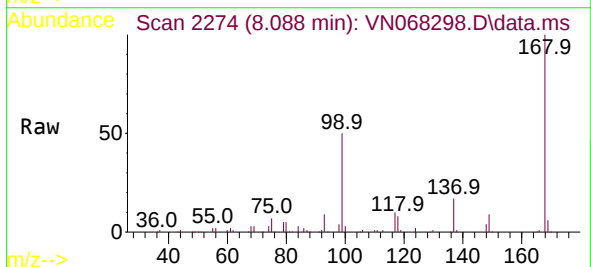
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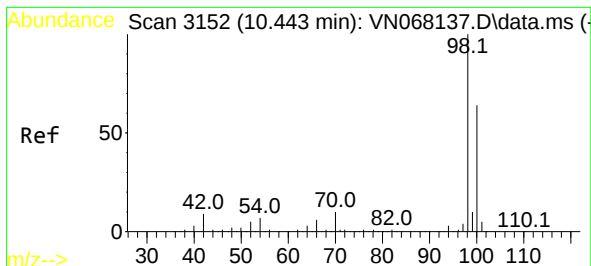
Tgt Ion: 75 Resp: 28887
Ion Ratio Lower Upper
75 100
110 10.8 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 6.075 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.118 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion: 117 Resp: 42205
Ion Ratio Lower Upper
117 100
119 5.4 75.4 113.2#
121 0.0 23.5 35.3#

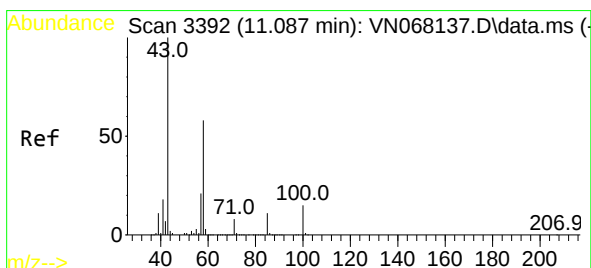
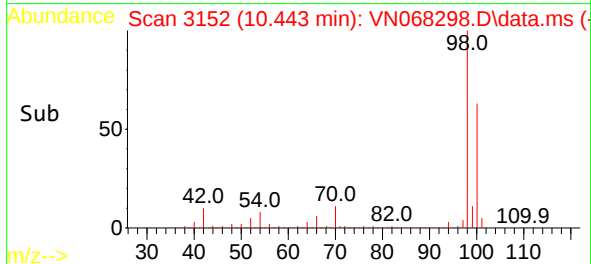
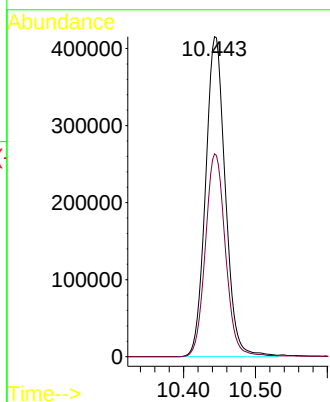
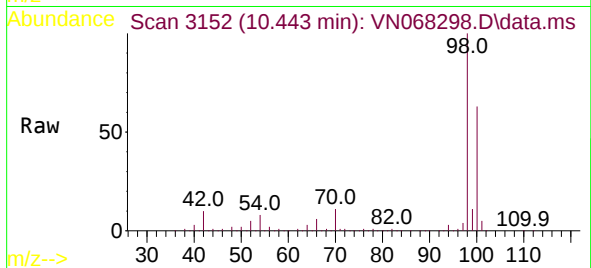




#50
Toluene-d8
Concen: 45.085 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

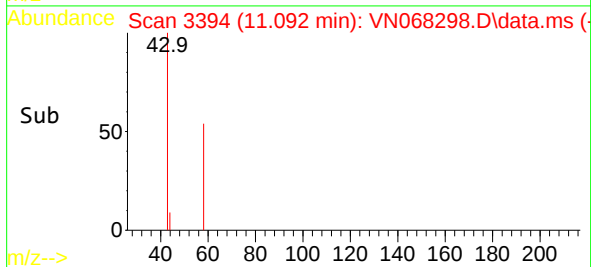
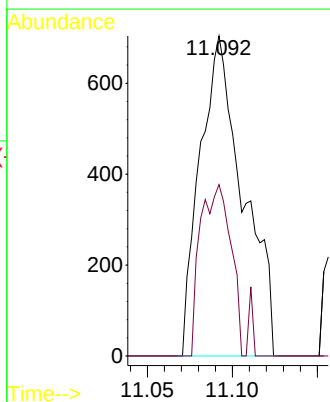
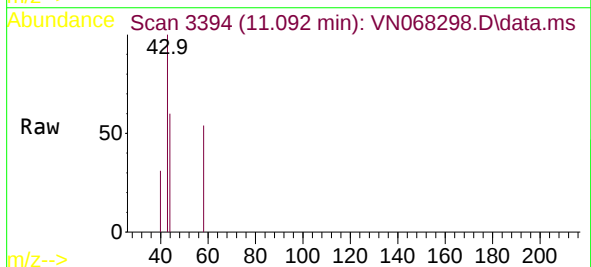
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

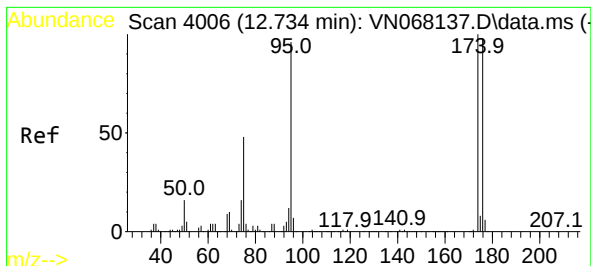
Tgt Ion: 98 Resp: 794767
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#59
2-Hexanone
Concen: 0.355 ug/l
RT: 11.092 min Scan# 3394
Delta R.T. 0.005 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion: 43 Resp: 1245
Ion Ratio Lower Upper
43 100
58 37.8 24.7 74.1

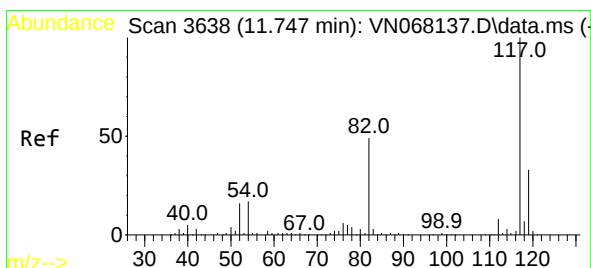
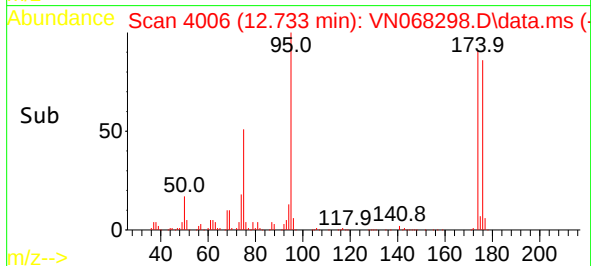
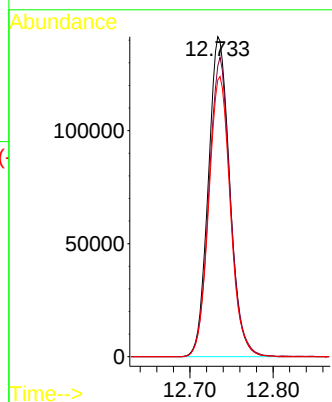
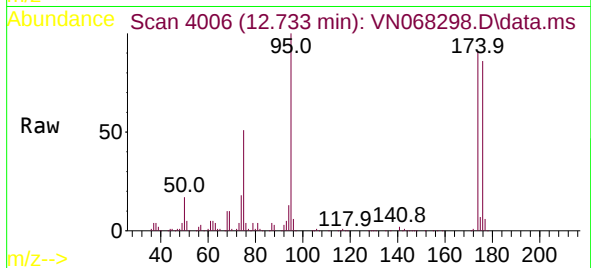




#62
4-Bromofluorobenzene
Concen: 43.195 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

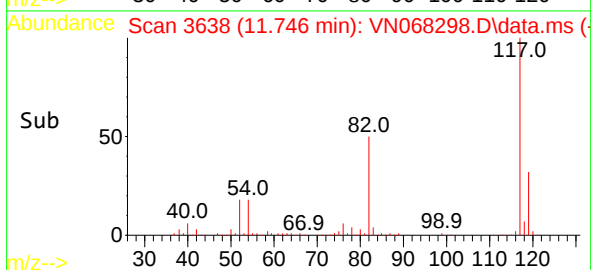
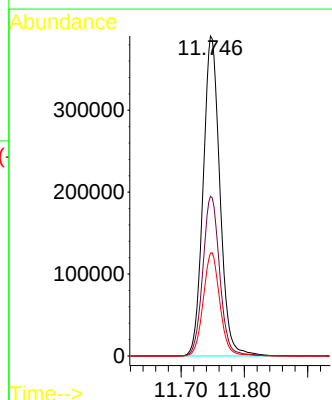
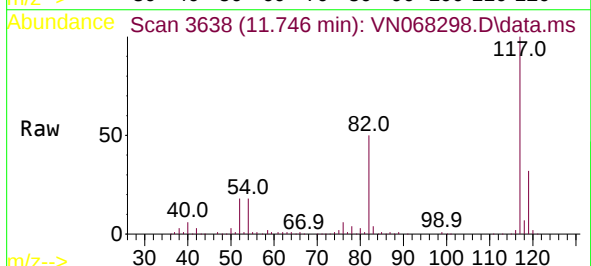
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

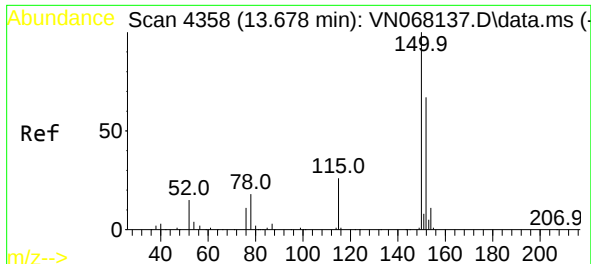
Tgt Ion: 95 Resp: 253483
Ion Ratio Lower Upper
95 100
174 93.5 0.0 122.0
176 88.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion: 117 Resp: 717150
Ion Ratio Lower Upper
117 100
82 49.9 53.1 79.7#
119 32.1 25.5 38.3

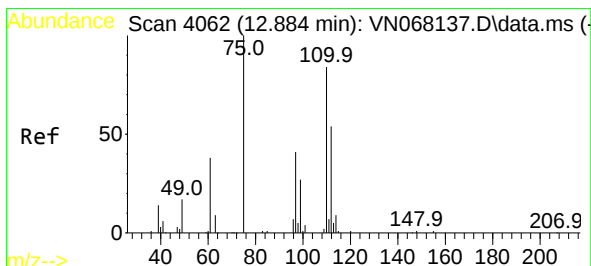
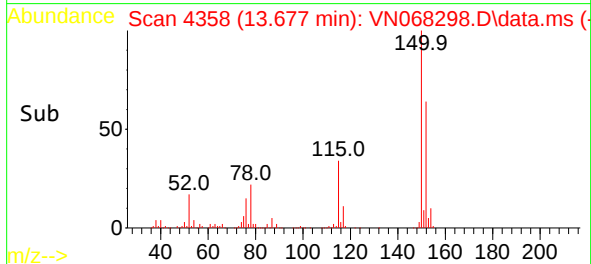
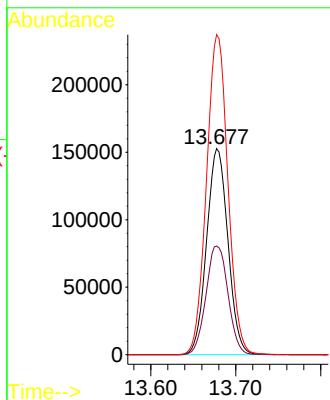
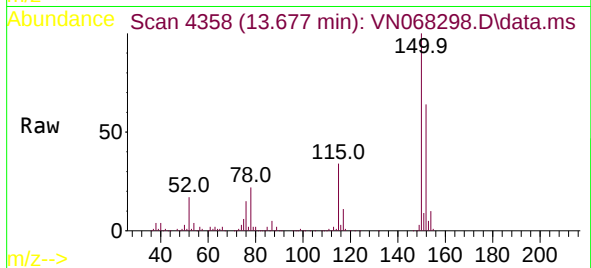




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. -0.001 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

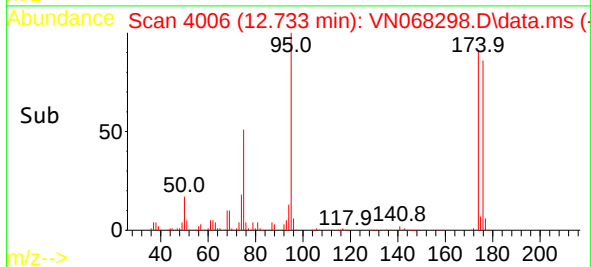
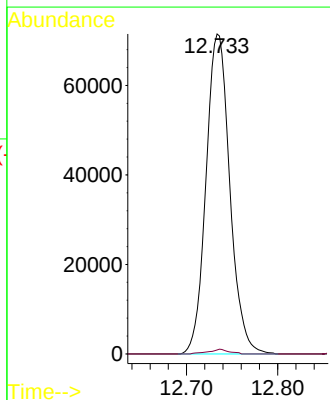
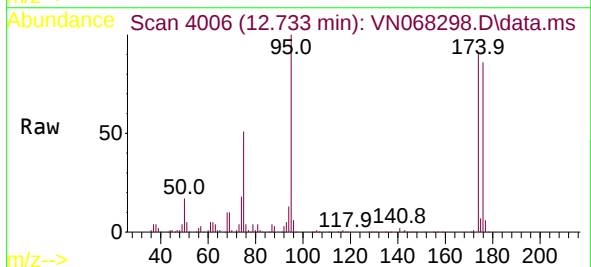
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

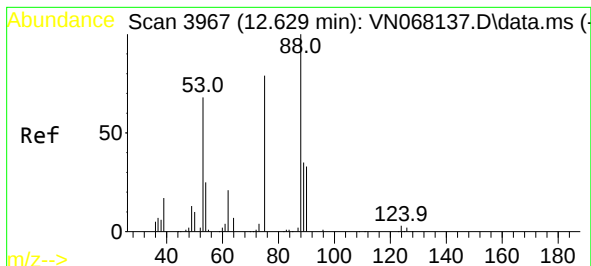
Tgt Ion:152 Resp: 266402
Ion Ratio Lower Upper
152 100
115 54.6 36.1 108.5
150 155.9 0.0 351.8



#76
1,2,3-Trichloropropane
Concen: 29.271 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.151 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion: 75 Resp: 129610
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

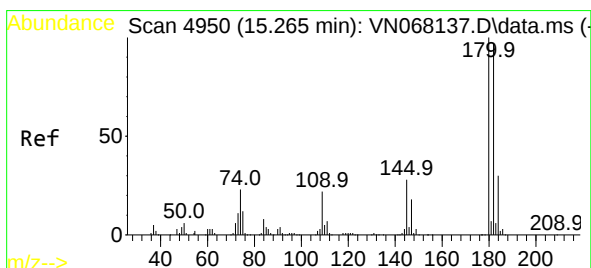
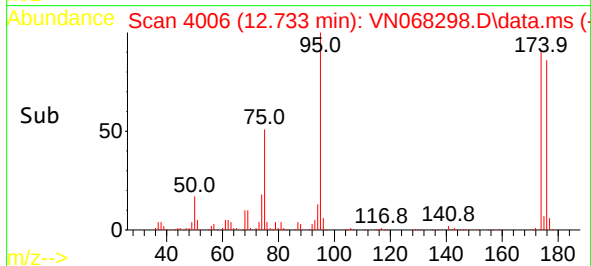
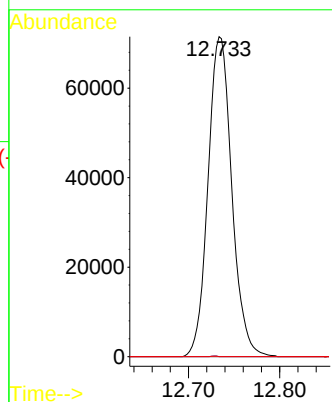
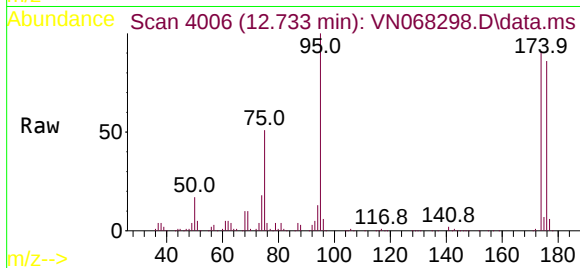




#81
trans-1,4-Dichloro-2-butene
Concen: 95.898 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.104 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

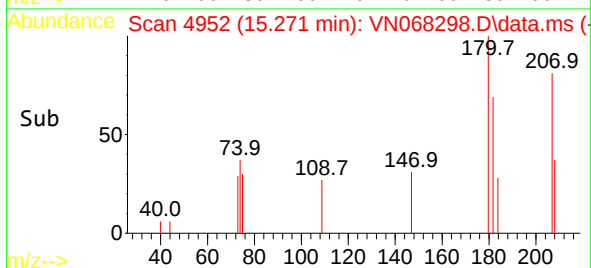
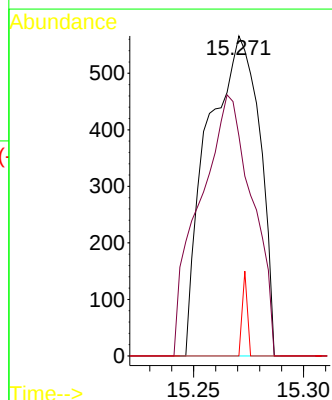
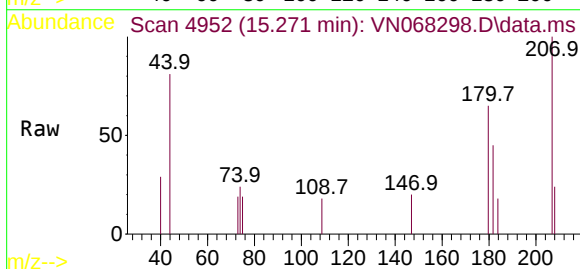
Instrument :
MSVOA_N
ClientSampleId :
TT-TB-20210816

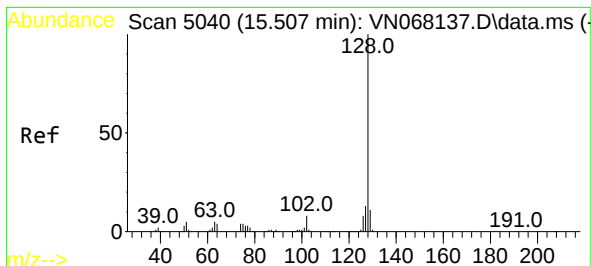
Tgt Ion: 75 Resp: 129610
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 2.883 ug/l
RT: 15.271 min Scan# 4952
Delta R.T. 0.006 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion:180 Resp: 930
Ion Ratio Lower Upper
180 100
182 82.6 47.5 142.5
145 2.6 17.2 51.6#

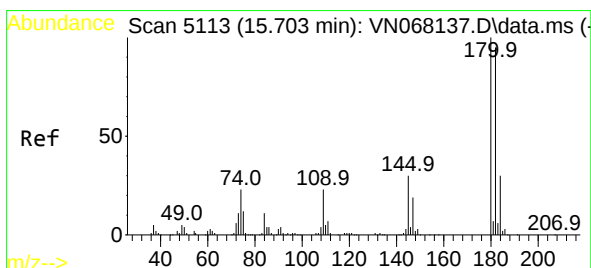
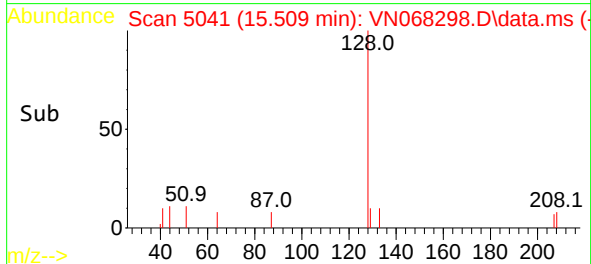
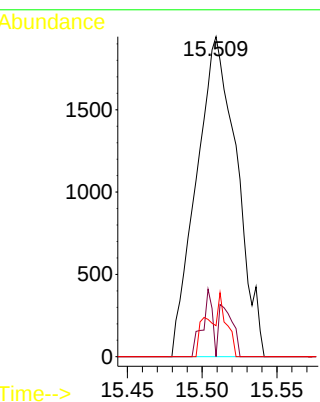
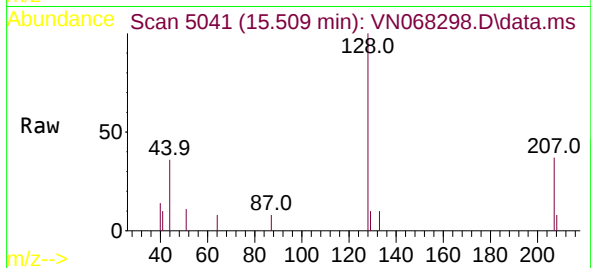




#95
Naphthalene
Concen: 3.670 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Instrument :
MSVOA_N
ClientSampled :
TT-TB-20210816

Tgt Ion:128 Resp: 3646
Ion Ratio Lower Upper
128 100
127 5.6 10.6 15.8#
129 4.1 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 3.110 ug/l
RT: 15.708 min Scan# 5115
Delta R.T. 0.005 min
Lab File: VN068298.D
Acq: 25 Aug 2021 14:22

Tgt Ion:180 Resp: 1246
Ion Ratio Lower Upper
180 100
182 94.4 47.8 143.3
145 23.5 18.2 54.6

