

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068834.D
 Acq On : 7 Oct 2021 11:49
 Operator : JC/MD
 Sample : VN1007WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1007WBL01

Quant Time: Oct 08 05:55:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

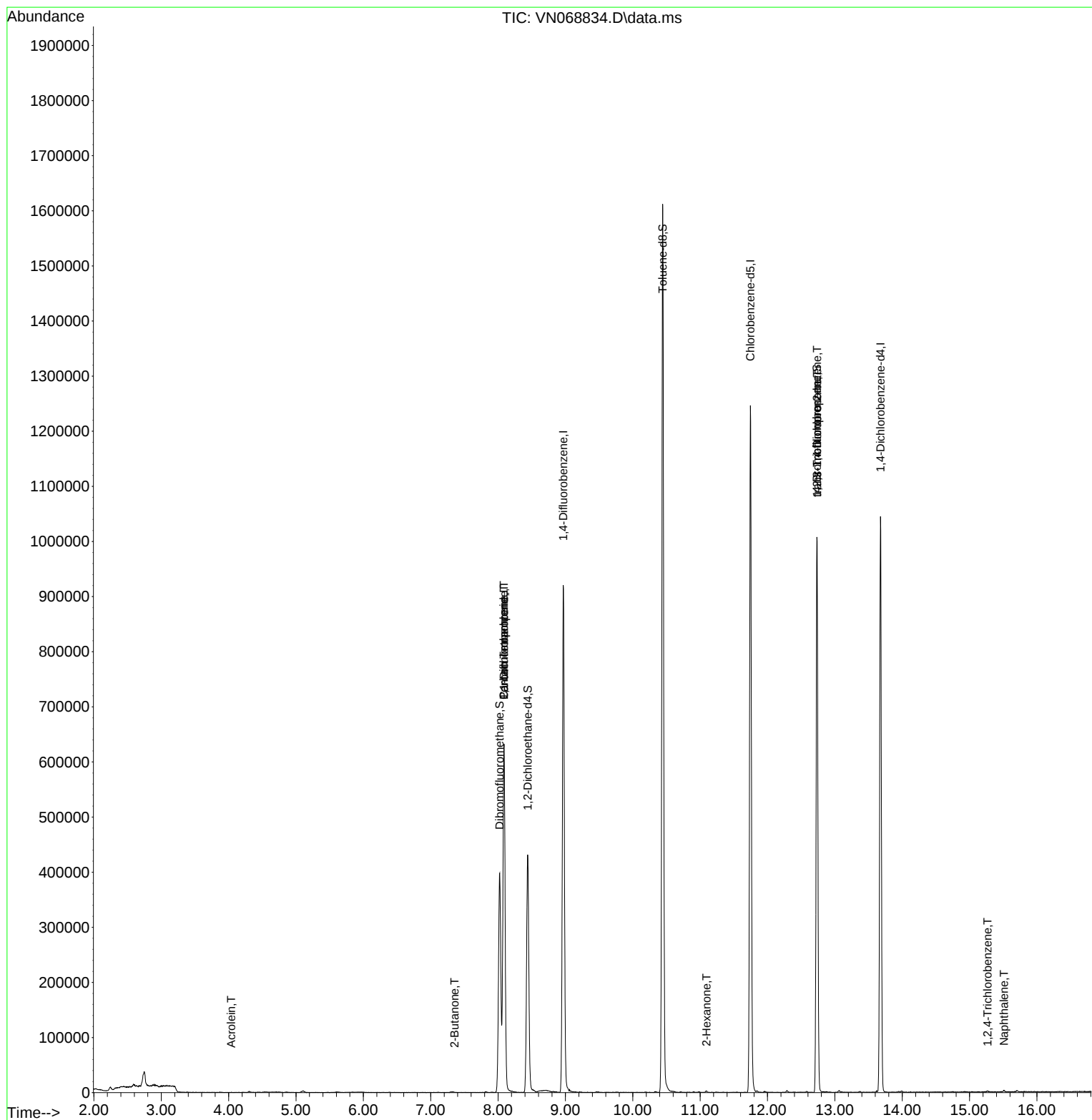
Internal Standards						
1) Pentafluorobenzene	8.088	168	455887	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	791422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	709397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	264715	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	359762	53.699	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	= 107.400%		
35) Dibromofluoromethane	8.021	113	278880	53.644	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	= 107.280%		
50) Toluene-d8	10.443	98	1096077	54.064	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	= 108.120%		
62) 4-Bromofluorobenzene	12.733	95	325081	43.149	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	= 86.300%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.081	85	417	Below Cal	#	43
3) Chloromethane	2.301	50	1493	Below Cal		97
4) Vinyl Chloride	2.445	62	843	Below Cal		92
6) Chloroethane	3.025	64	765	Below Cal	#	49
7) Trichlorofluoromethane	3.387	101	277	Below Cal	#	18
13) Acrolein	4.038	56	175	0.405 ug/l	#	14
16) Acetone	4.285	43	335	Below Cal	#	48
17) Carbon Disulfide	4.537	76	1512	Below Cal	#	74
20) Methylene Chloride	5.109	84	1985	Below Cal	#	57
21) trans-1,2-Dichloroethene	5.597	96	55	Below Cal	#	42
25) 2-Butanone	7.353	43	738	0.241 ug/l	#	51
31) Cyclohexane	8.083	56	12847	Below Cal	#	38
36) 1,1-Dichloropropene	8.088	75	40589	6.488 ug/l	#	53
38) Carbon Tetrachloride	8.088	117	49956	6.630 ug/l	#	17
59) 2-Hexanone	11.095	43	1696	0.340 ug/l	#	41
76) 1,2,3-Trichloropropane	12.736	75	191963	36.787 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.736	75	191963	106.572 ug/l	#	6
93) 1,2,4-Trichlorobenzene	15.268	180	1010	0.257 ug/l	#	62
95) Naphthalene	15.512	128	2891	0.275 ug/l	#	80

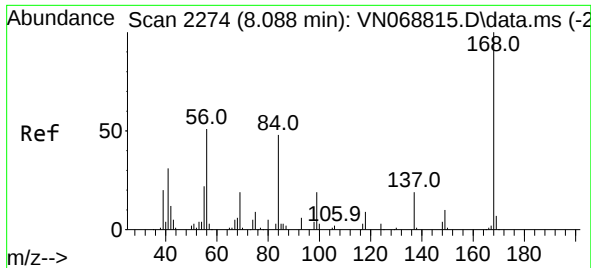
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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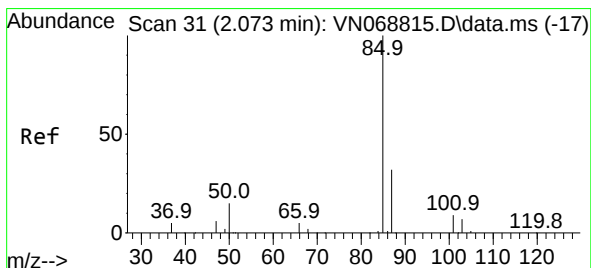
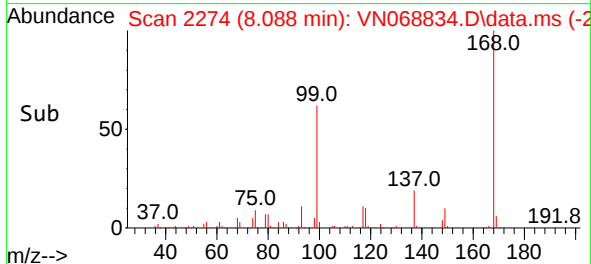
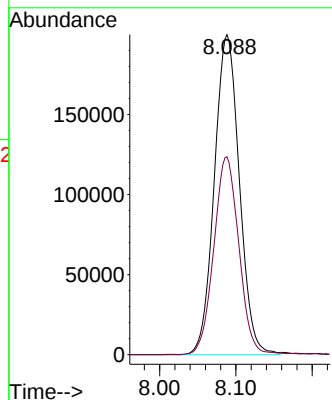
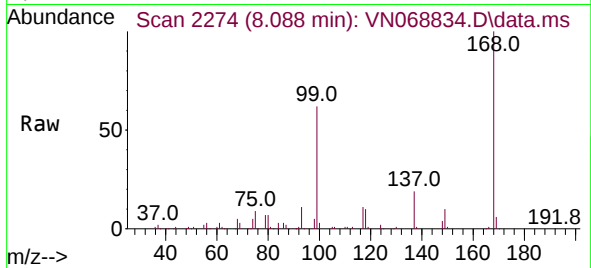




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.008 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

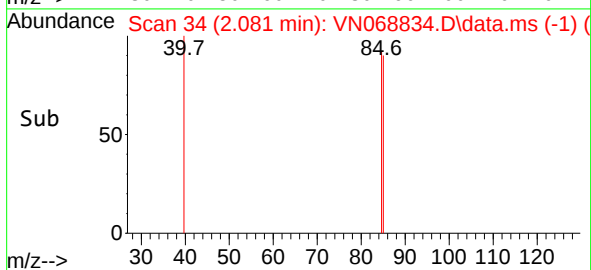
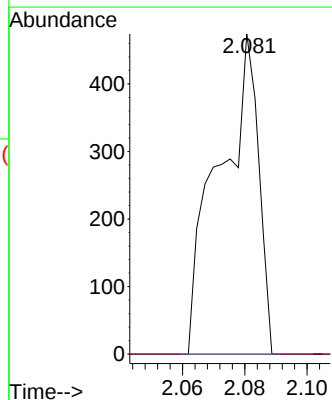
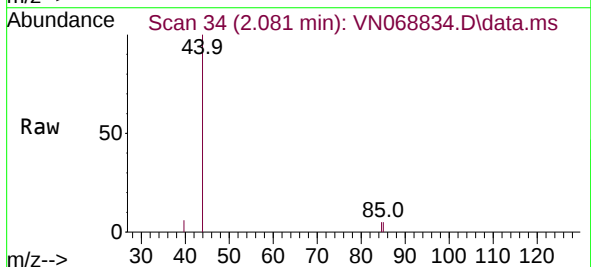
Instrument :
MSVOA_N
ClientSampled :
VN1007WBL01

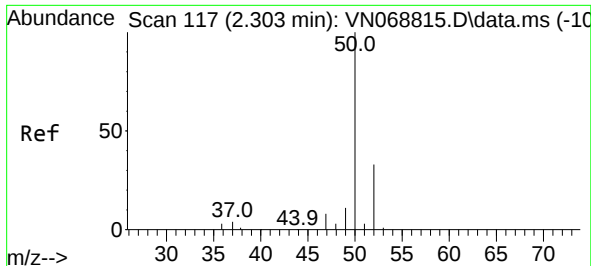
Tgt Ion:168 Resp: 455887
Ion Ratio Lower Upper
168 100
99 61.8 62.9 94.3#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 2.081 min Scan# 34
Delta R.T. 0.008 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion: 85 Resp: 417
Ion Ratio Lower Upper
85 100
87 0.0 16.1 48.2#

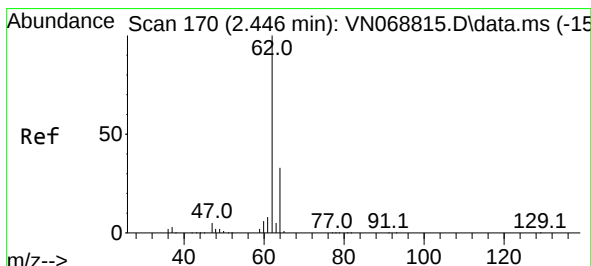
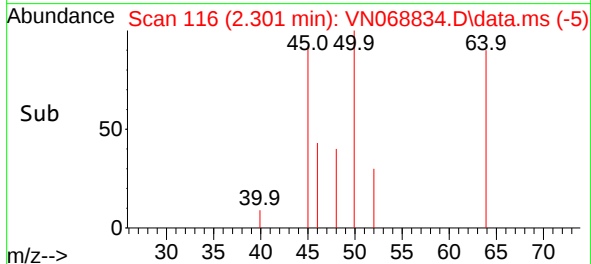
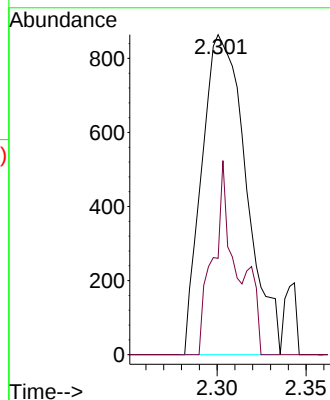
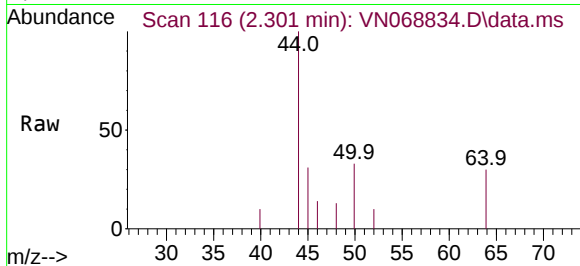




#3
Chloromethane
Concen: Below Cal
RT: 2.301 min Scan# 116
Delta R.T. -0.002 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

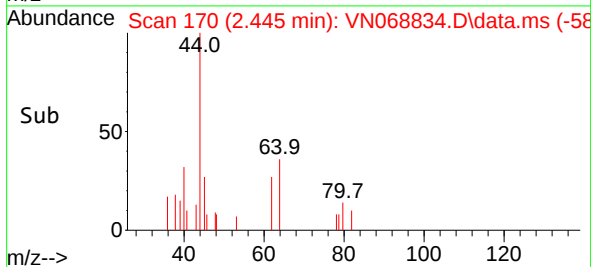
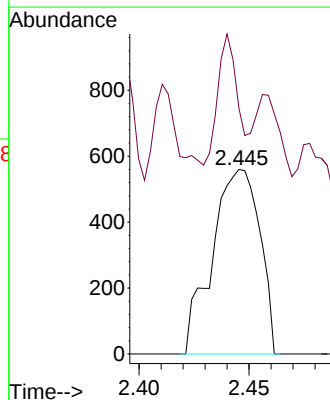
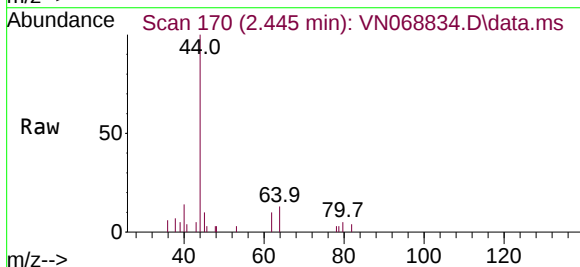
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

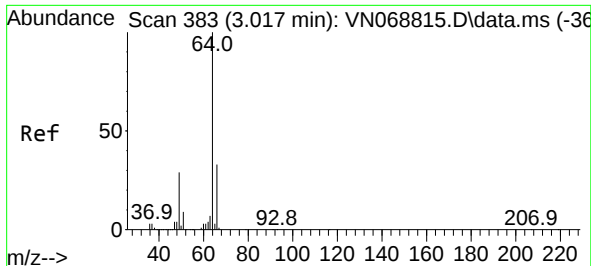
Tgt Ion: 50 Resp: 1493
Ion Ratio Lower Upper
50 100
52 30.1 25.6 38.4



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.445 min Scan# 170
Delta R.T. -0.001 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion: 62 Resp: 843
Ion Ratio Lower Upper
62 100
64 26.3 24.4 36.6

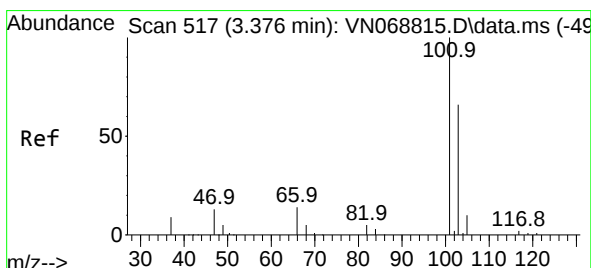
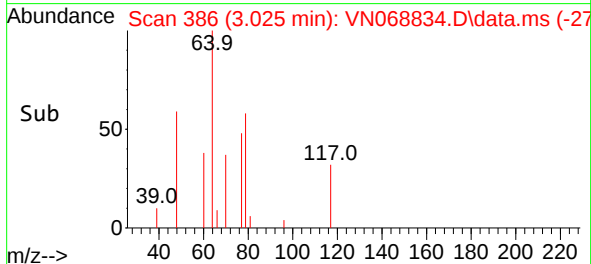
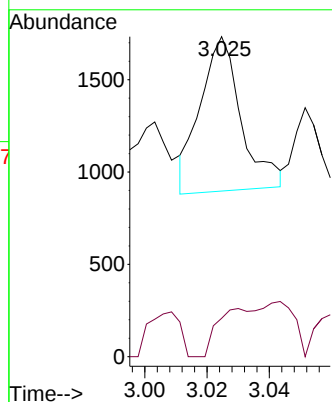
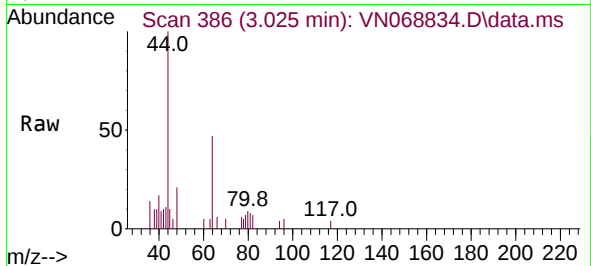




#6
Chloroethane
Concen: Below Cal
RT: 3.025 min Scan# 386
Delta R.T. 0.008 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

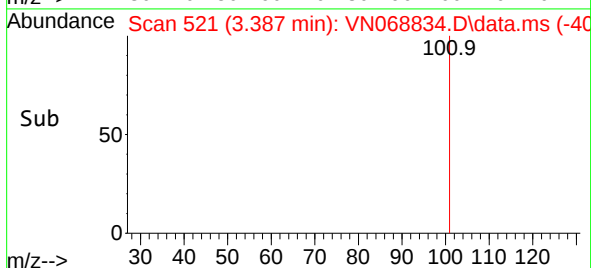
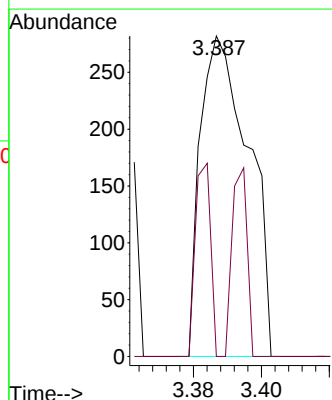
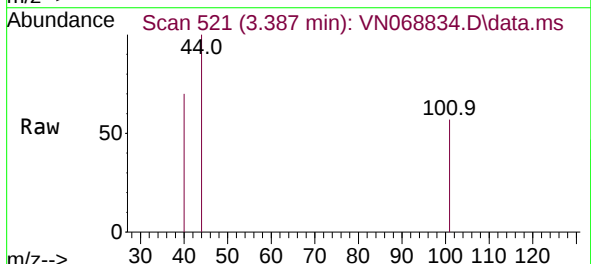
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

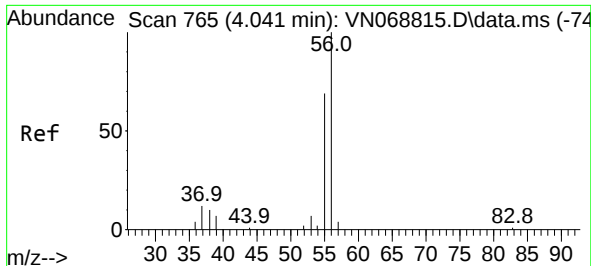
Tgt Ion: 64 Resp: 765
Ion Ratio Lower Upper
64 100
66 2.8 24.7 37.1#



#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.387 min Scan# 521
Delta R.T. 0.011 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion:101 Resp: 277
Ion Ratio Lower Upper
101 100
103 0.0 51.2 76.8#

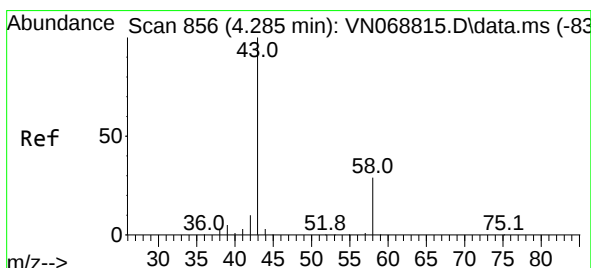
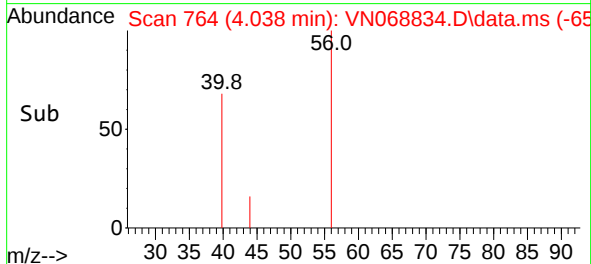
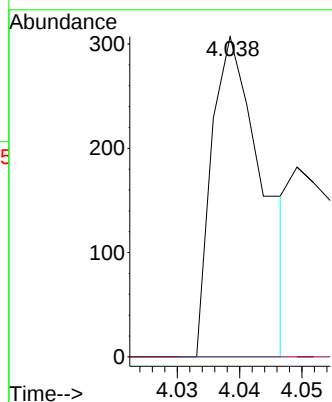
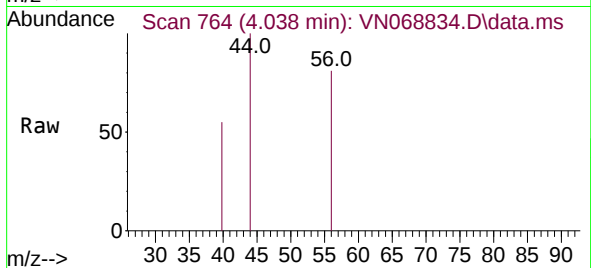




#13
Acrolein
Concen: 0.405 ug/l
RT: 4.038 min Scan# 764
Delta R.T. -0.003 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

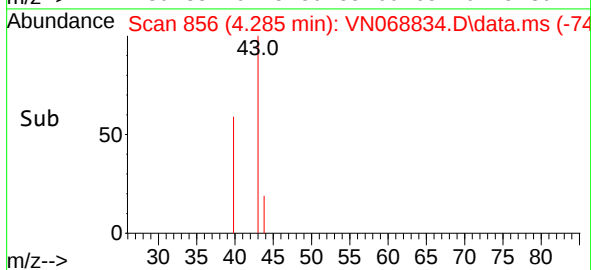
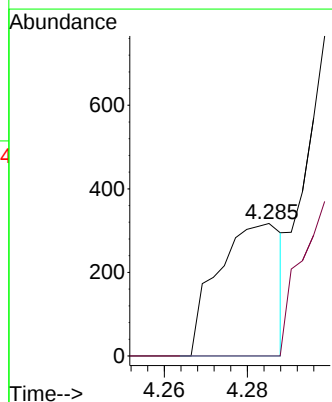
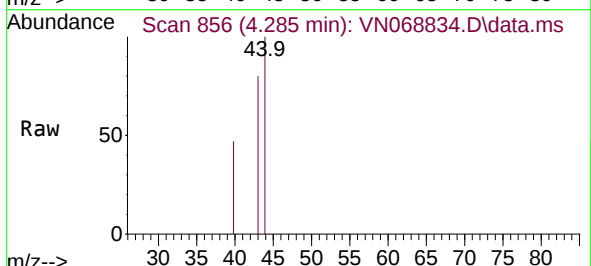
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

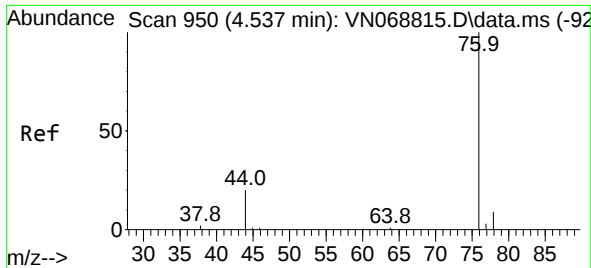
Tgt Ion: 56 Resp: 175
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#



#16
Acetone
Concen: Below Cal
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
58 0.0 21.2 31.8#

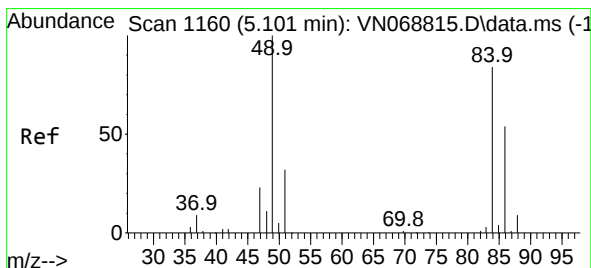
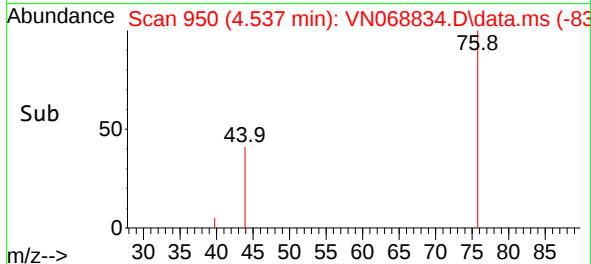
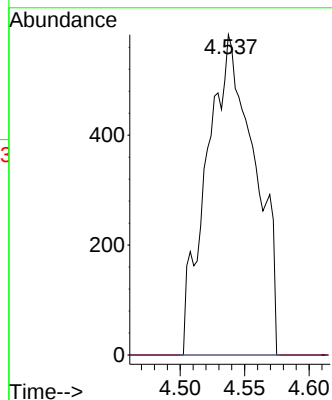
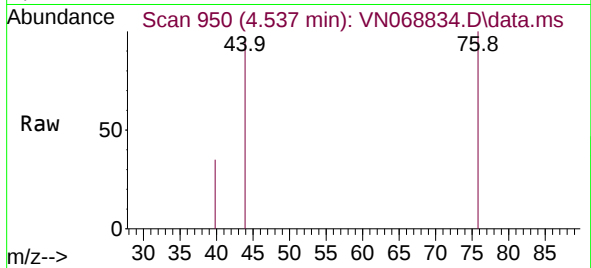




#17
Carbon Disulfide
Concen: Below Cal
RT: 4.537 min Scan# 950
Delta R.T. 0.000 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

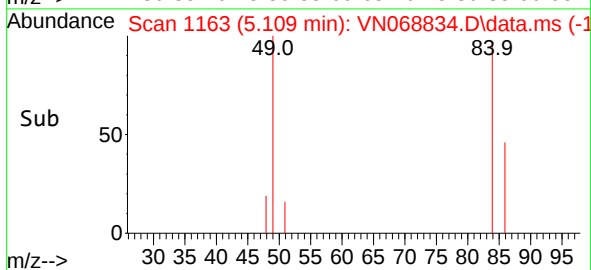
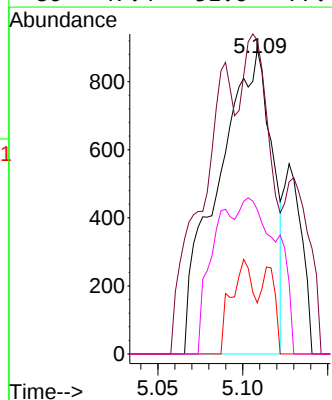
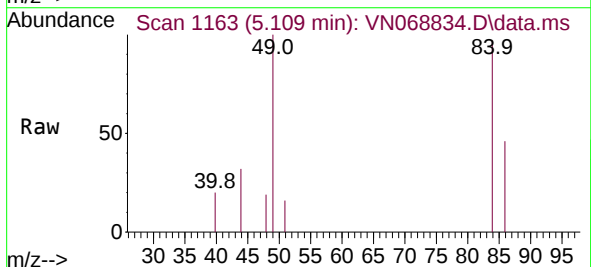
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

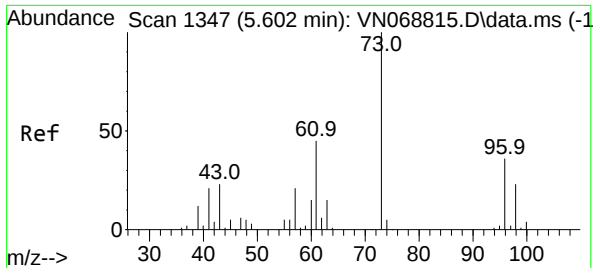
Tgt Ion: 76 Resp: 1512
Ion Ratio Lower Upper
76 100
78 0.0 7.7 11.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.109 min Scan# 1163
Delta R.T. 0.008 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion: 84 Resp: 1985
Ion Ratio Lower Upper
84 100
49 73.1 110.9 166.3#
51 16.8 32.6 49.0#
86 47.4 51.6 77.4#

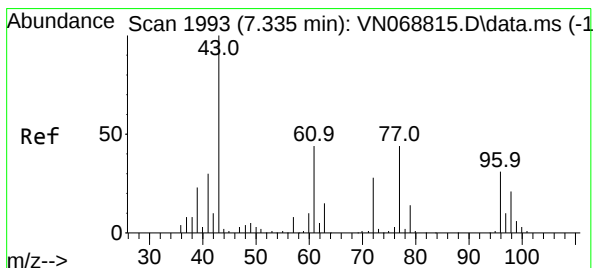
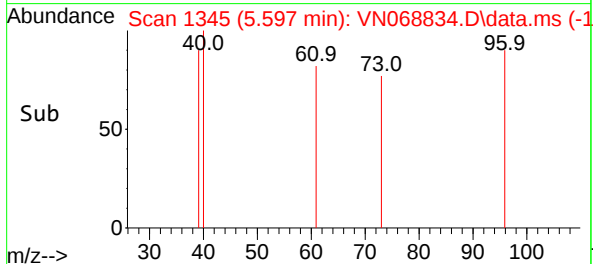
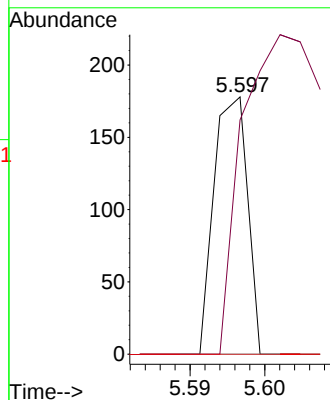
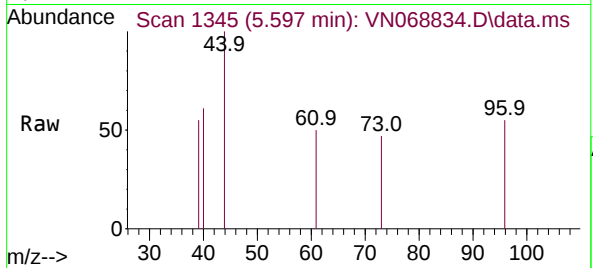




#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 5.597 min Scan# 1345
Delta R.T. -0.005 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

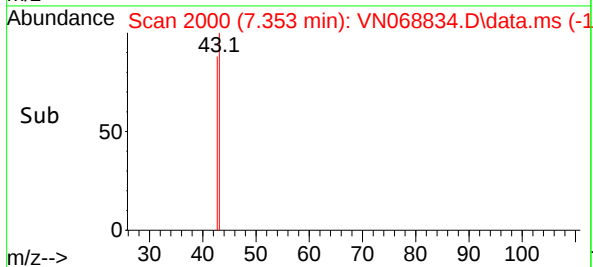
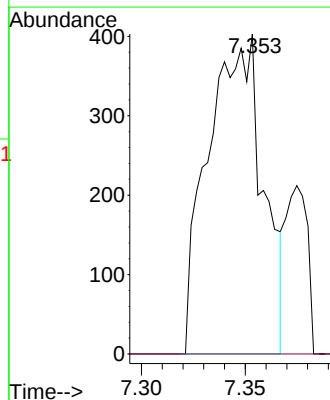
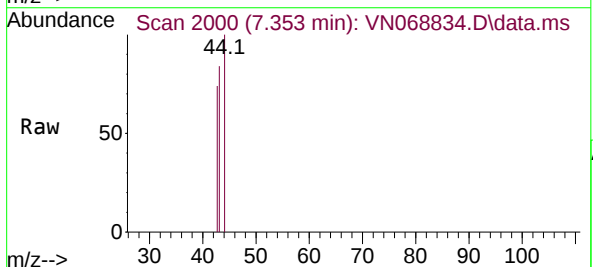
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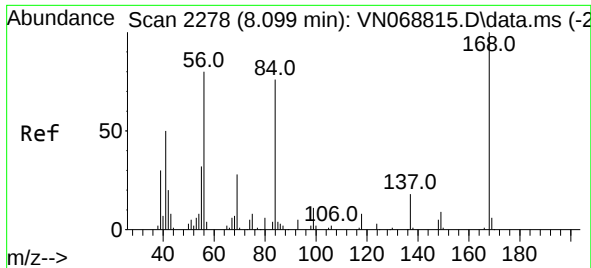
Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 91.0 123.5 185.3#
98 0.0 48.6 72.8#



#25
2-Butanone
Concen: 0.241 ug/l
RT: 7.353 min Scan# 2000
Delta R.T. 0.018 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
72 0.0 19.7 29.5#

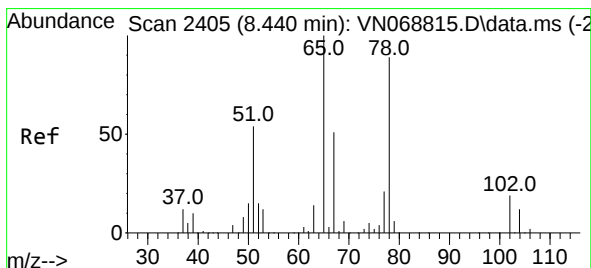
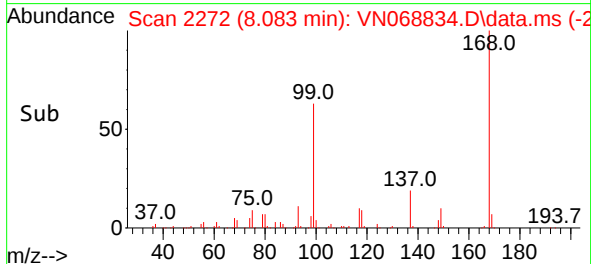
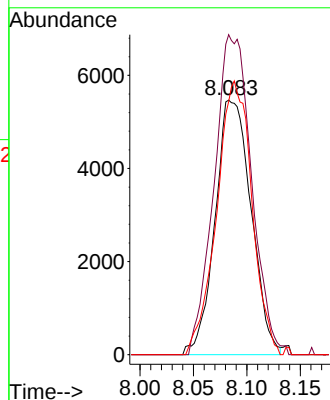
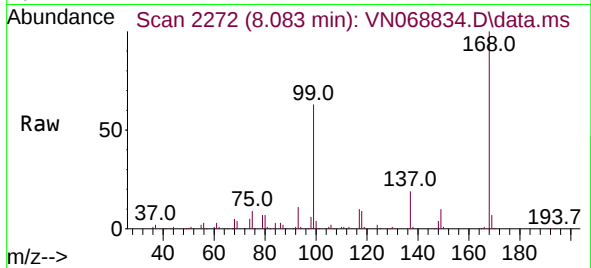




#31
Cyclohexane
Concen: Below Cal
RT: 8.083 min Scan# 2272
Delta R.T. -0.016 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

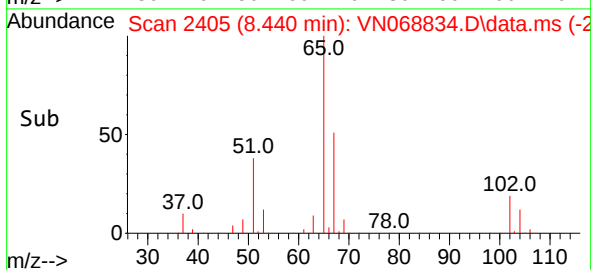
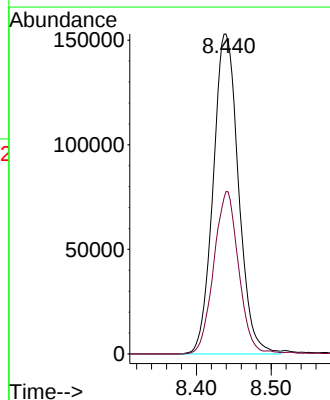
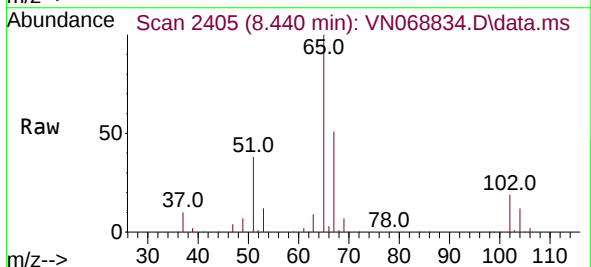
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

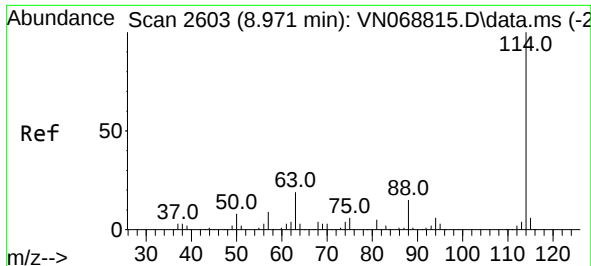
Tgt Ion: 56 Resp: 12847
Ion Ratio Lower Upper
56 100
69 125.7 27.3 40.9#
84 99.4 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 53.699 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion: 65 Resp: 359762
Ion Ratio Lower Upper
65 100
67 49.5 0.0 98.6

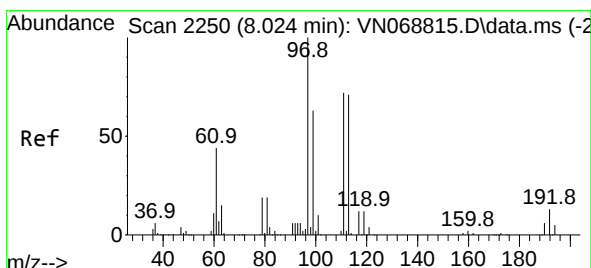
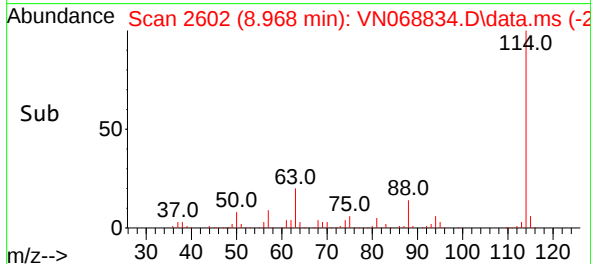
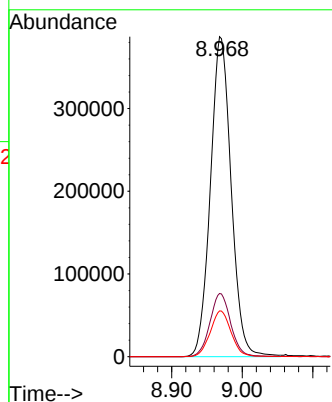
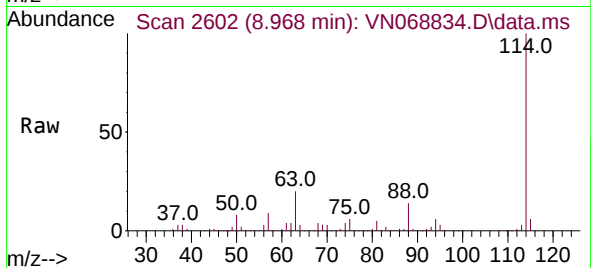




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.003 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

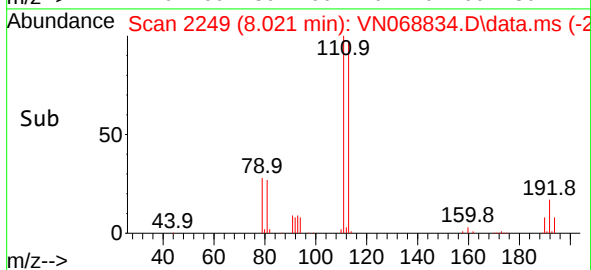
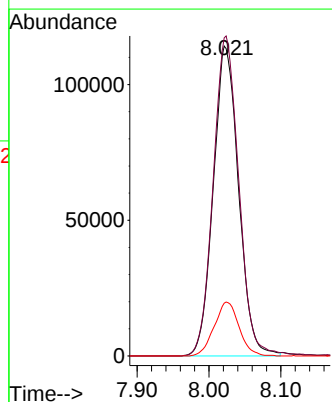
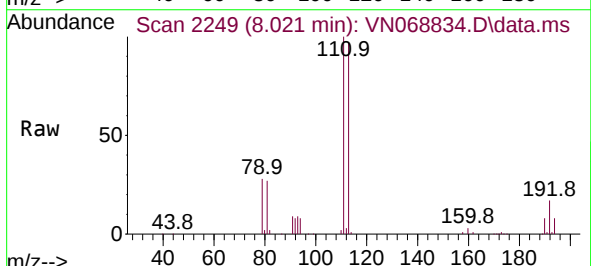
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

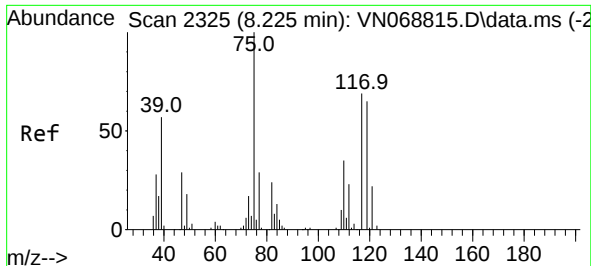
Tgt Ion:114 Resp: 791422
Ion Ratio Lower Upper
114 100
63 19.8 0.0 49.0
88 14.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.644 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. -0.003 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion:113 Resp: 278880
Ion Ratio Lower Upper
113 100
111 104.8 83.8 125.8
192 17.1 13.4 20.0





#36

1,1-Dichloropropene

Concen: 6.488 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.137 min

Lab File: VN068834.D

Acq: 7 Oct 2021 11:49

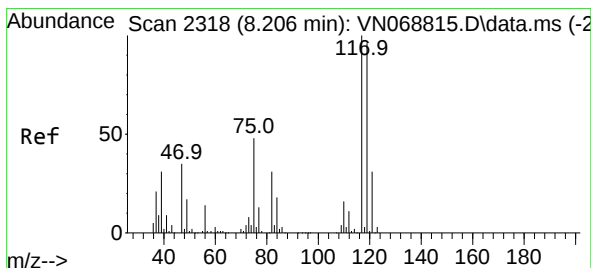
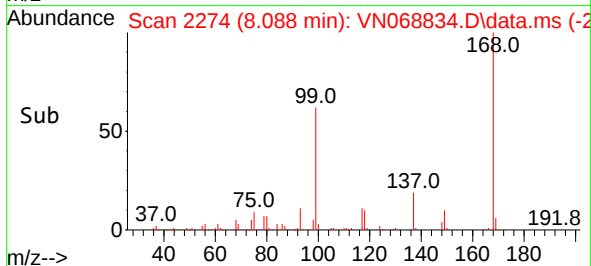
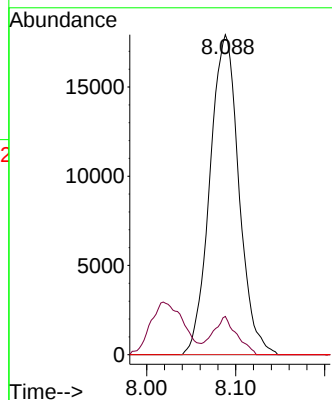
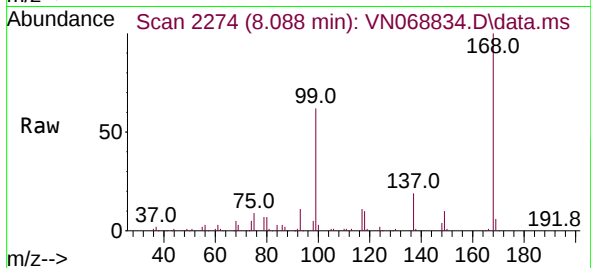
Tgt Ion: 75 Resp: 40589

Ion Ratio Lower Upper

75 100

110 9.9 15.7 47.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 6.630 ug/l

RT: 8.088 min Scan# 2274

Delta R.T. -0.118 min

Lab File: VN068834.D

Acq: 7 Oct 2021 11:49

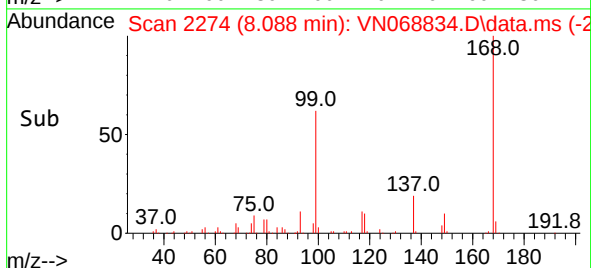
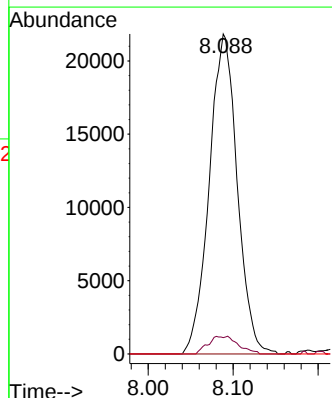
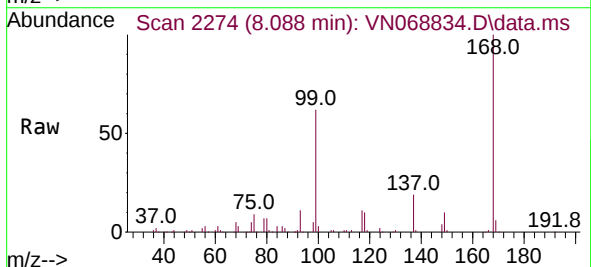
Tgt Ion: 117 Resp: 49956

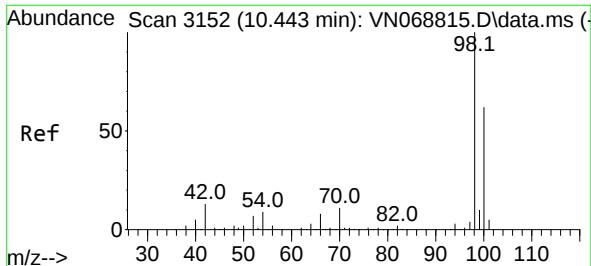
Ion Ratio Lower Upper

117 100

119 5.1 75.4 113.2#

121 0.0 23.5 35.3#

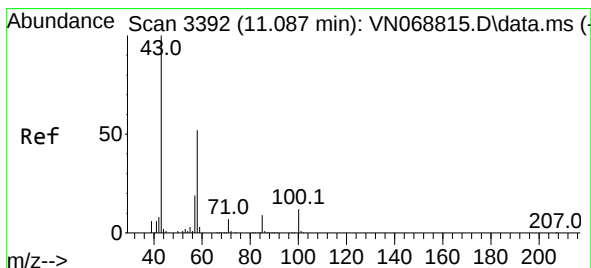
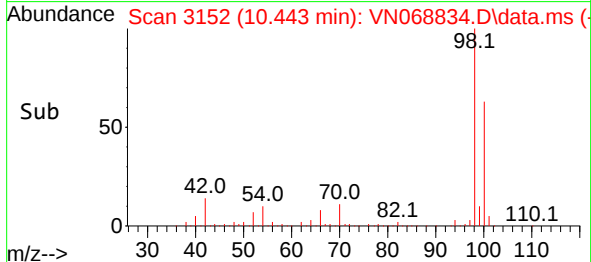
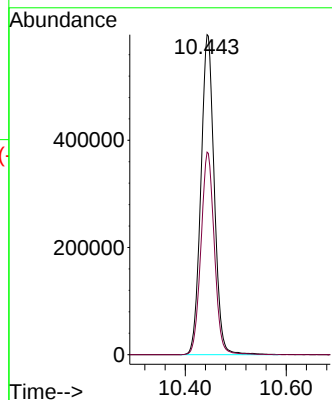
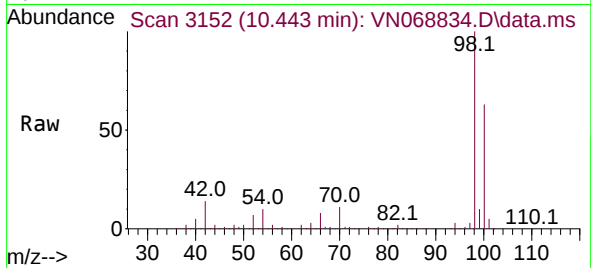




#50
Toluene-d8
Concen: 54.064 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

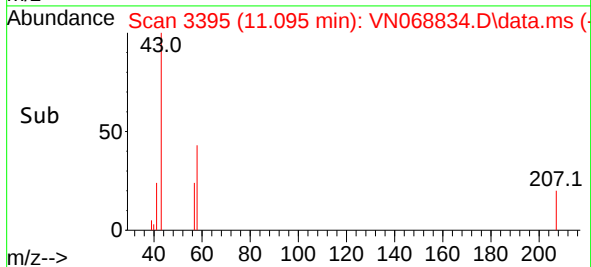
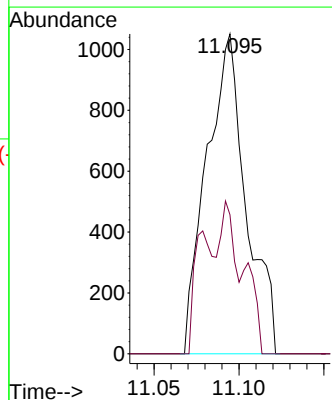
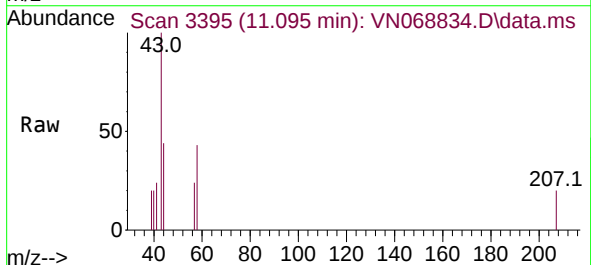
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

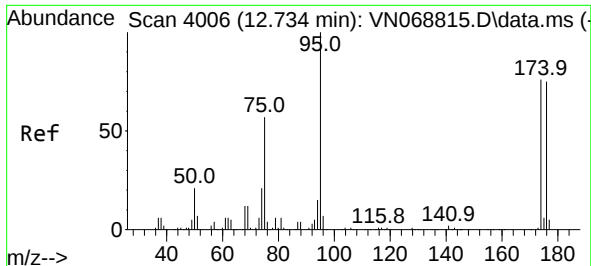
Tgt Ion: 98 Resp: 1096077
Ion Ratio Lower Upper
98 100
100 63.5 51.7 77.5



#59
2-Hexanone
Concen: 0.340 ug/l
RT: 11.095 min Scan# 3395
Delta R.T. 0.008 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Tgt Ion: 43 Resp: 1696
Ion Ratio Lower Upper
43 100
58 9.1 24.7 74.1#

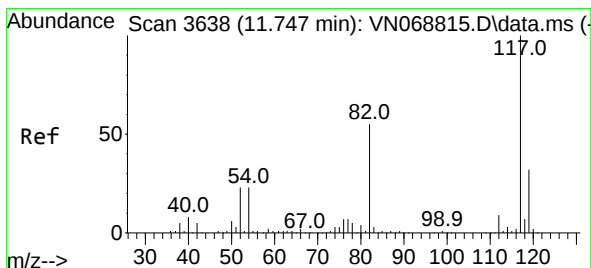
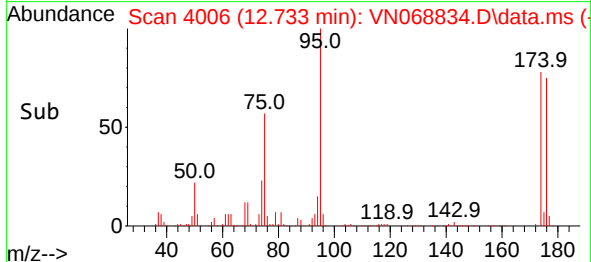
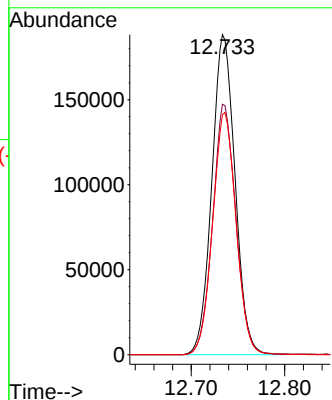
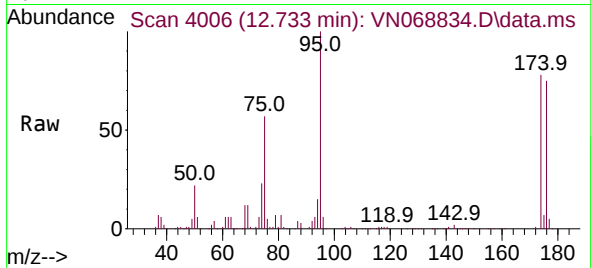




#62
4-Bromofluorobenzene
Concen: 43.149 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.001 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

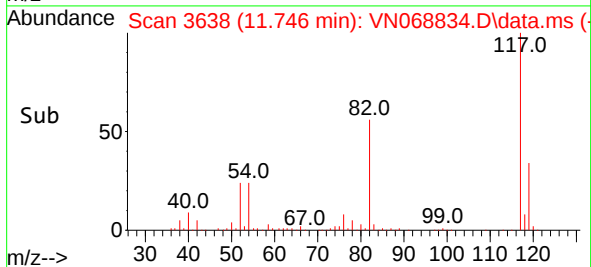
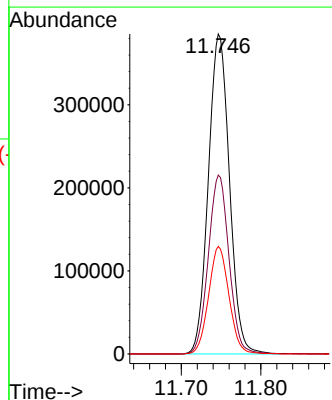
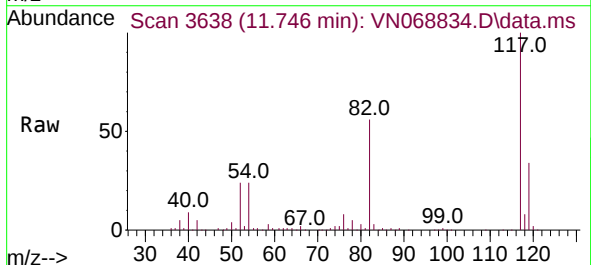
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

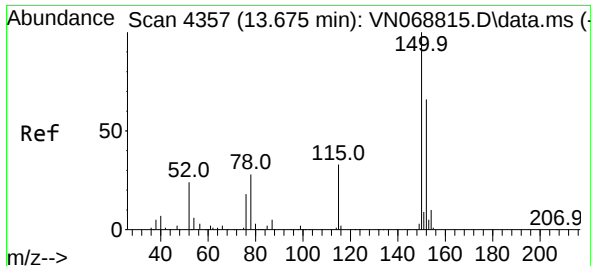
Tgt Ion: 95 Resp: 325081
Ion Ratio Lower Upper
95 100
174 78.5 0.0 122.0
176 76.3 0.0 117.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

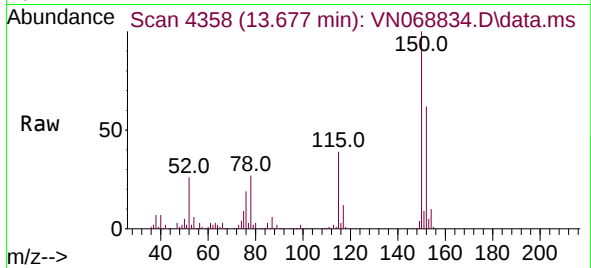
Tgt Ion: 117 Resp: 709397
Ion Ratio Lower Upper
117 100
82 55.9 53.1 79.7
119 33.6 25.5 38.3



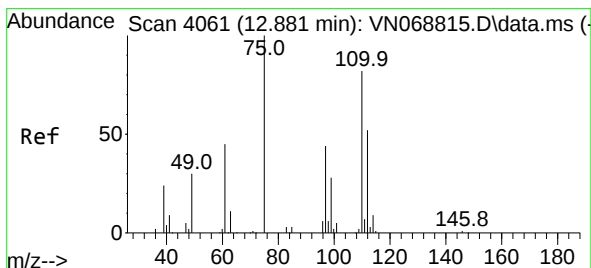
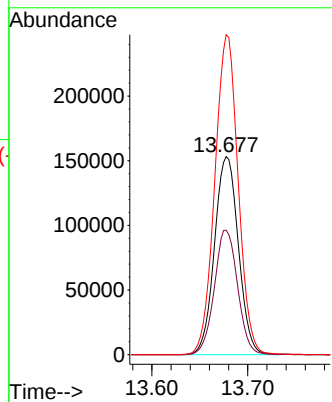
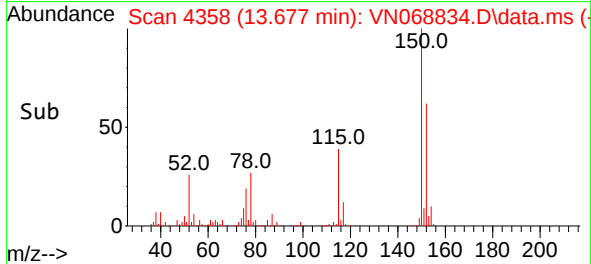


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

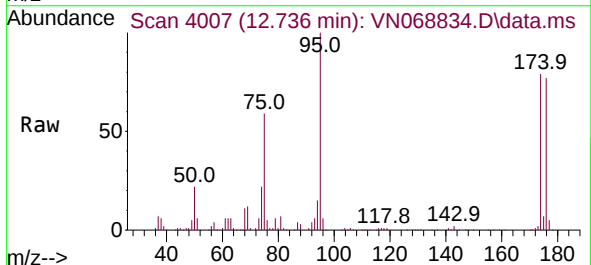
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01



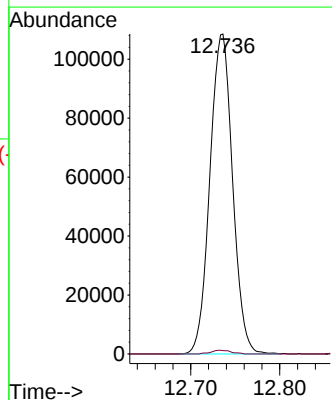
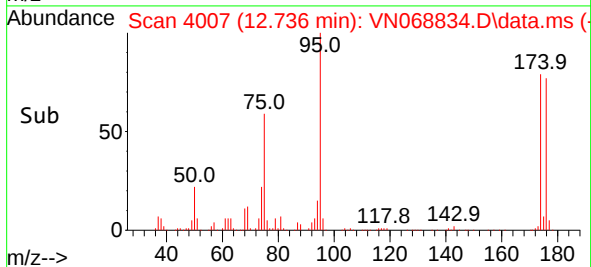
Tgt Ion:152 Resp: 264715
Ion Ratio Lower Upper
152 100
115 61.3 36.1 108.5
150 158.1 0.0 351.8

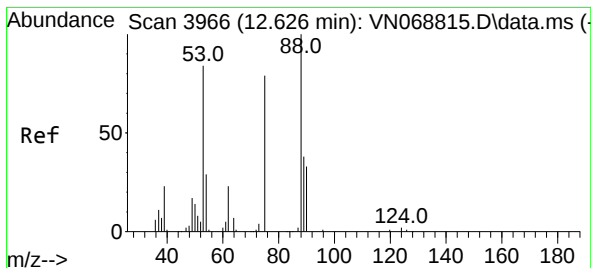


#76
1,2,3-Trichloropropane
Concen: 36.787 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49



Tgt Ion: 75 Resp: 191963
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#

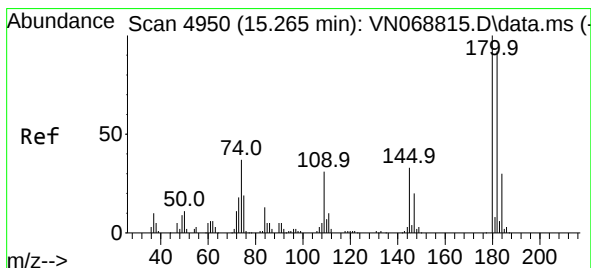
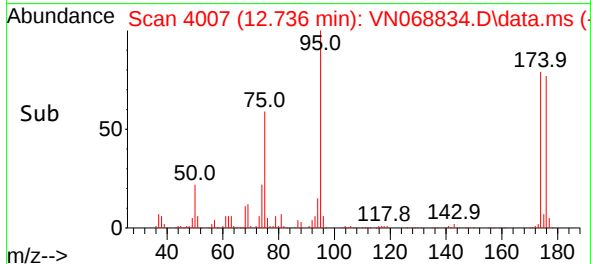
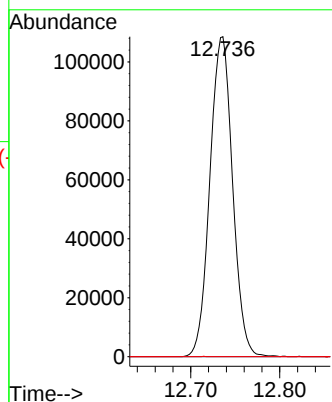
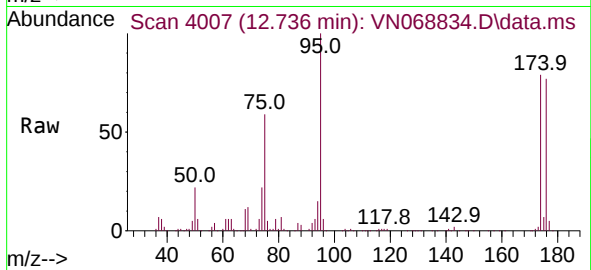




#81
trans-1,4-Dichloro-2-butene
Concen: 106.572 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.110 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

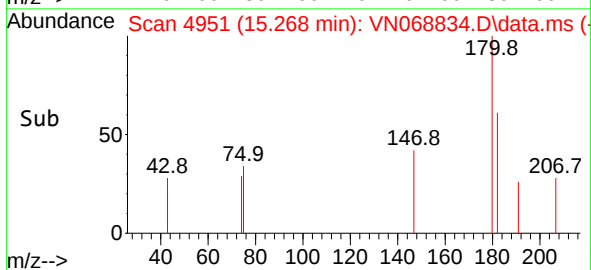
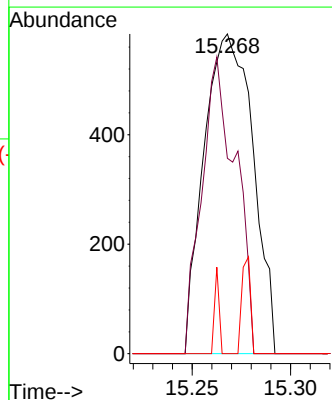
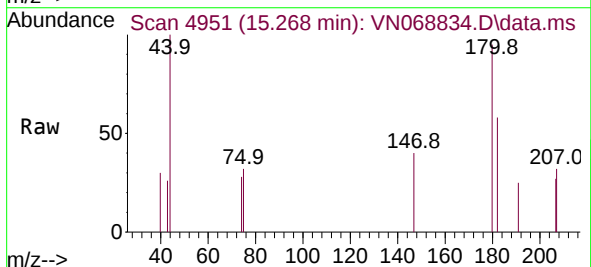
Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01

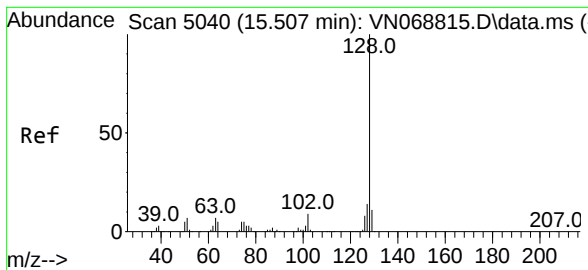
Tgt Ion: 75 Resp: 191963
Ion Ratio Lower Upper
75 100
53 0.0 87.6 131.4#
89 0.0 37.8 56.8#



#93
1,2,4-Trichlorobenzene
Concen: 0.257 ug/l
RT: 15.268 min Scan# 4951
Delta R.T. 0.003 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

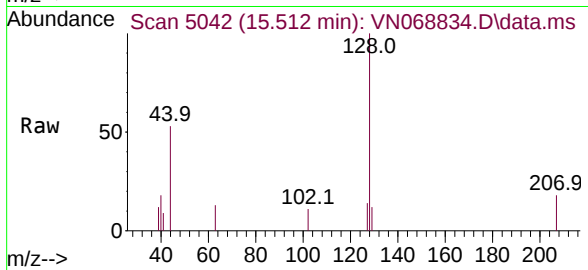
Tgt Ion:180 Resp: 1010
Ion Ratio Lower Upper
180 100
182 64.4 47.5 142.5
145 2.5 17.2 51.6#





#95
Naphthalene
Concen: 0.275 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068834.D
Acq: 7 Oct 2021 11:49

Instrument :
MSVOA_N
ClientSampleId :
VN1007WBL01



Tgt Ion:	128	Resp:	2891
Ion	Ratio	Lower	Upper
128	100		
127	4.8	10.6	15.8#
129	3.3	8.6	12.8#

