

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092521\
 Data File : VN068661.D
 Acq On : 25 Sep 2021 11:47
 Operator : JC/MD
 Sample : VN0925WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0925WBL01

Quant Time: Sep 27 04:41:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

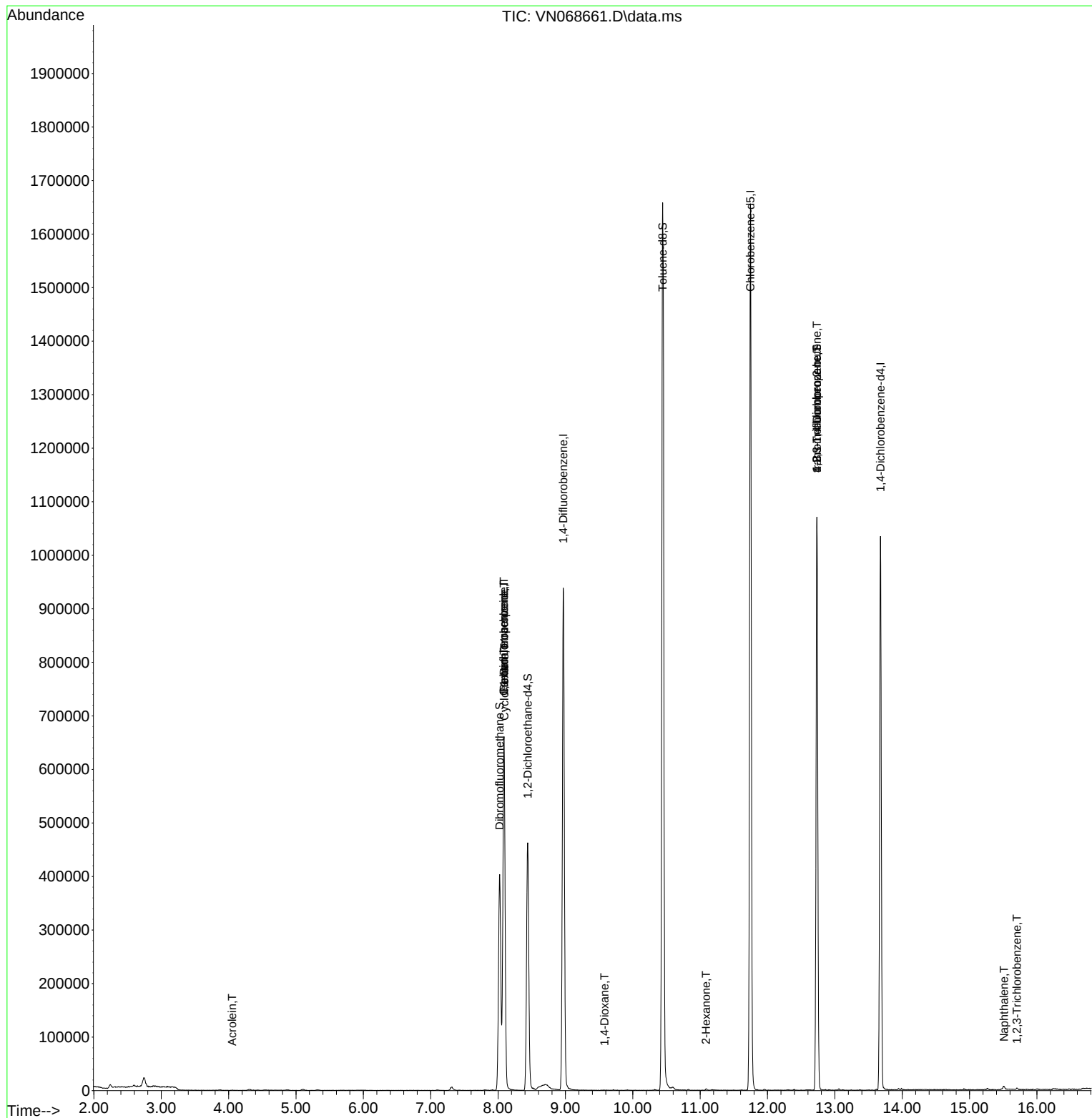
Internal Standards						
1) Pentafluorobenzene	8.088	168	503449	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	818446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	906014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	266545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	384822	48.959	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.920%
35) Dibromofluoromethane	8.024	113	290605	53.095	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	106.180%
50) Toluene-d8	10.443	98	1274403	54.903	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.800%
62) 4-Bromofluorobenzene	12.733	95	364840	45.958	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.920%
Target Compounds						
5) Bromomethane	2.861	94	259	Below Cal	#	78
6) Chloroethane	3.078	64	179	Below Cal	#	44
13) Acrolein	4.052	56	230	7.414	ug/l	85
16) Acetone	4.304	43	3172	Below Cal		95
20) Methylene Chloride	5.106	84	1001	Below Cal	#	77
31) Cyclohexane	8.094	56	12361	1.121	ug/l	# 9
36) 1,1-Dichloropropene	8.086	75	40323	4.878	ug/l	# 46
38) Carbon Tetrachloride	8.086	117	50912	5.963	ug/l	# 16
49) 1,4-Dioxane	9.579	88	25	0.234	ug/l	# 1
59) 2-Hexanone	11.087	43	2129	0.305	ug/l	73
76) 1,2,3-Trichloropropane	12.733	75	208066	31.570	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.733	75	208066	89.179	ug/l	# 6
95) Naphthalene	15.512	128	5737	2.029	ug/l	# 90
96) 1,2,3-Trichlorobenzene	15.702	180	1370	0.313	ug/l	63

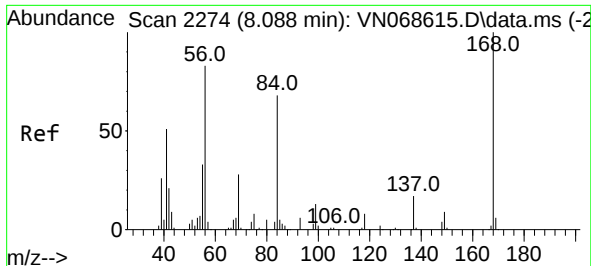
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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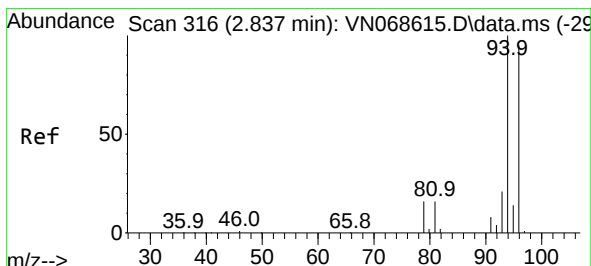
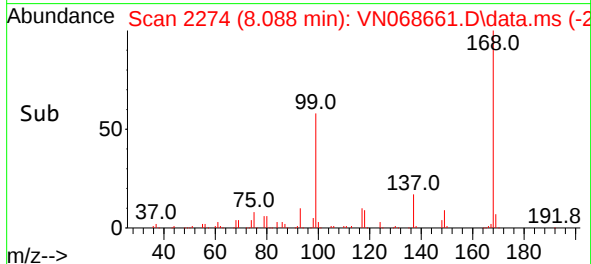
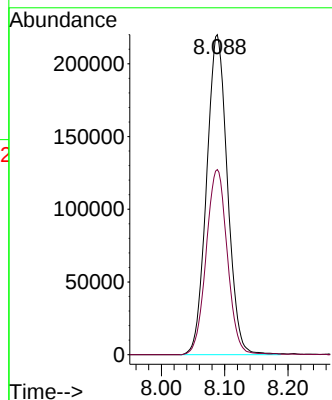
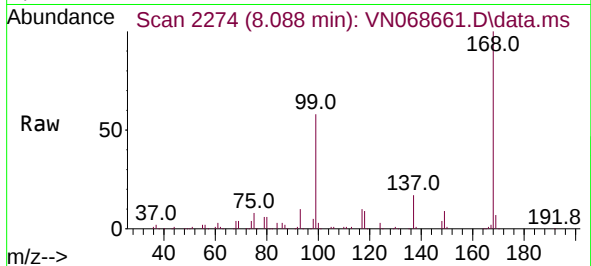




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

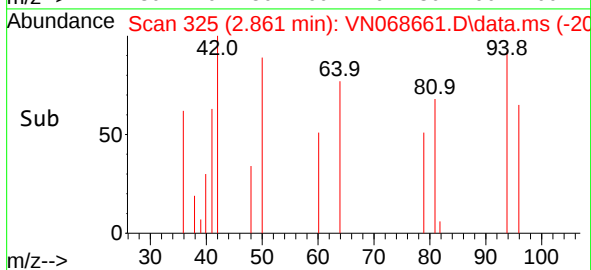
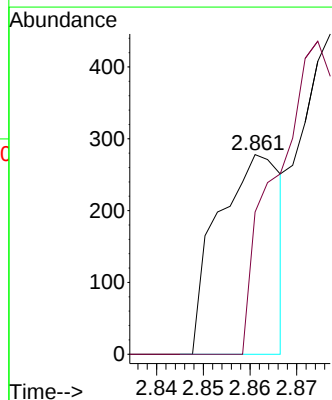
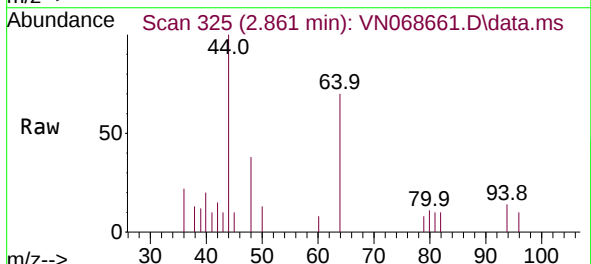
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

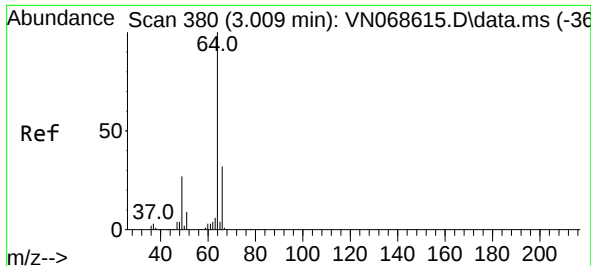
Tgt Ion:168 Resp: 503449
Ion Ratio Lower Upper
168 100
99 57.9 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.861 min Scan# 325
Delta R.T. 0.024 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 71.2 73.7 110.5#

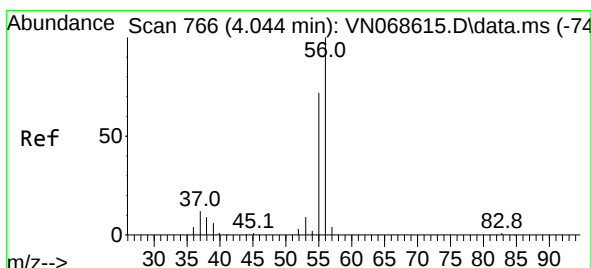
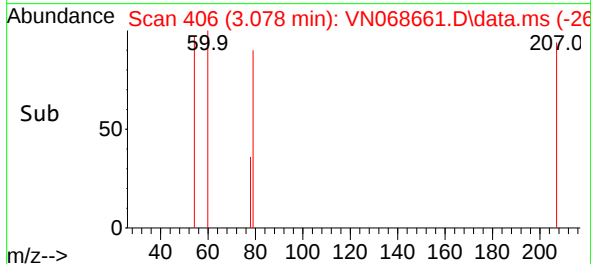
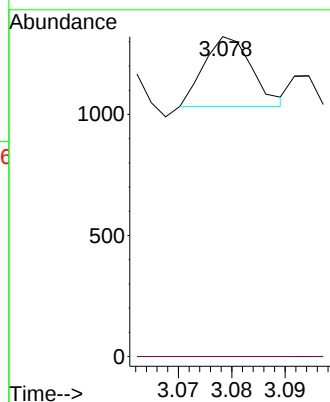
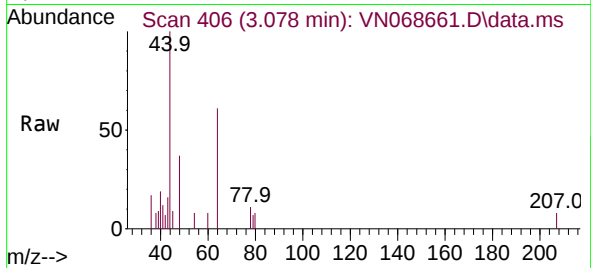




#6
Chloroethane
Concen: Below Cal
RT: 3.078 min Scan# 406
Delta R.T. 0.069 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

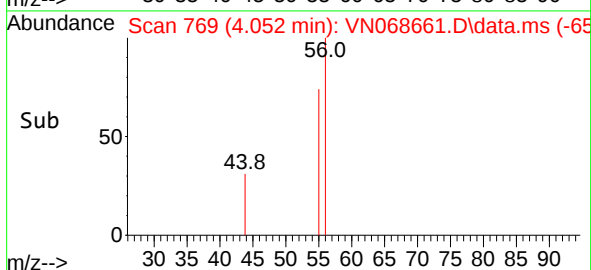
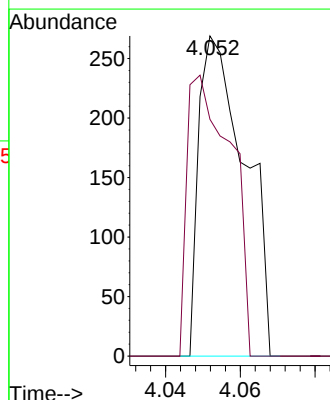
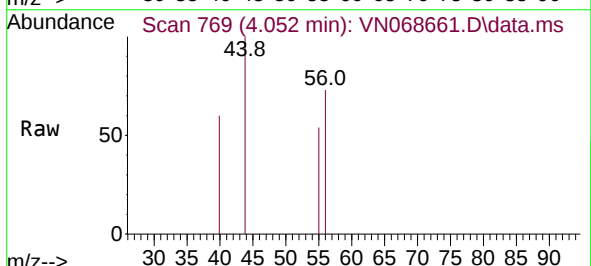
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

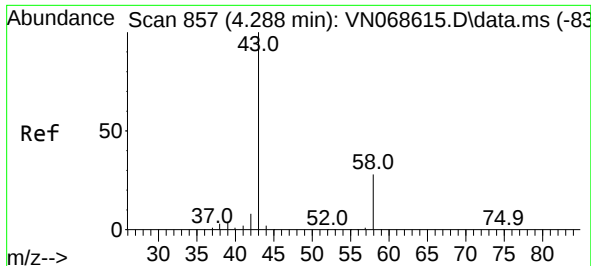
Tgt Ion: 64 Resp: 179
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: 7.414 ug/l
RT: 4.052 min Scan# 769
Delta R.T. 0.008 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion: 56 Resp: 230
Ion Ratio Lower Upper
56 100
55 83.9 57.4 86.0

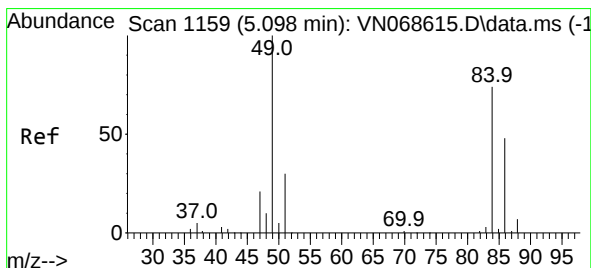
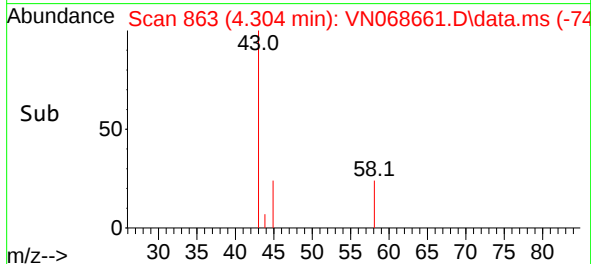
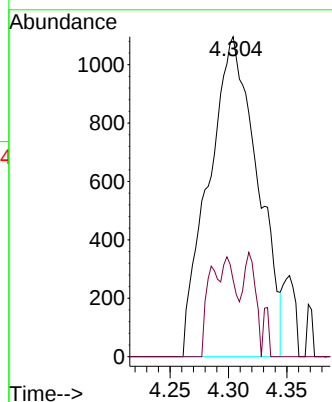
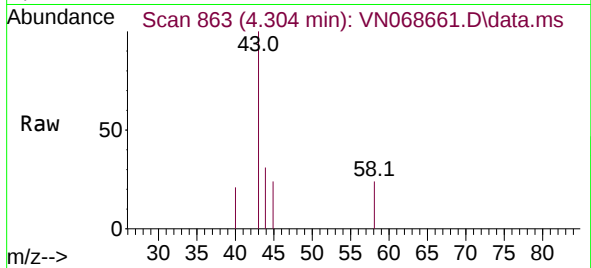




#16
Acetone
Concen: Below Cal
RT: 4.304 min Scan# 863
Delta R.T. 0.016 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

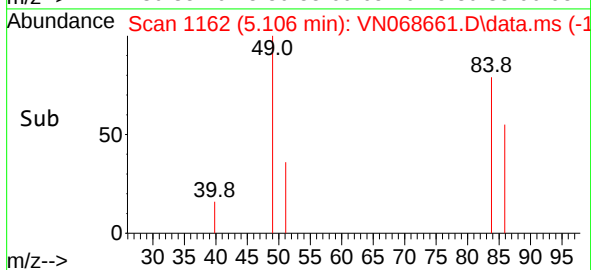
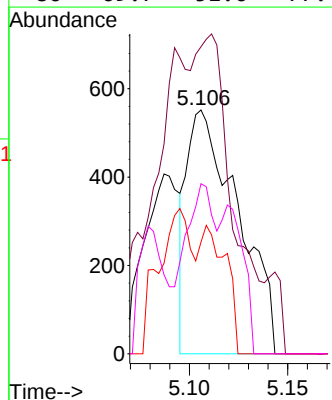
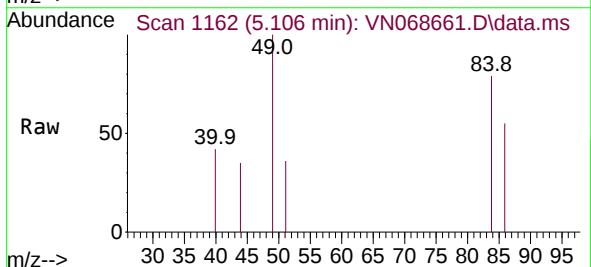
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

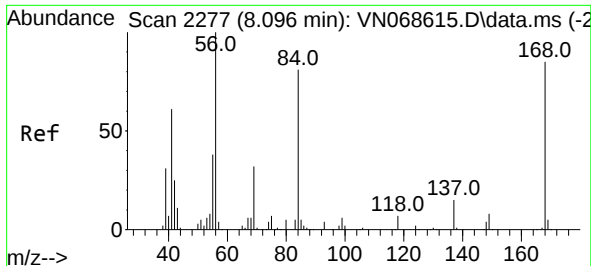
Tgt Ion: 43 Resp: 3172
Ion Ratio Lower Upper
43 100
58 23.9 21.2 31.8



#20
Methylene Chloride
Concen: Below Cal
RT: 5.106 min Scan# 1162
Delta R.T. 0.008 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion: 84 Resp: 1001
Ion Ratio Lower Upper
84 100
49 95.8 110.9 166.3#
51 45.8 32.6 49.0
86 69.7 51.6 77.4

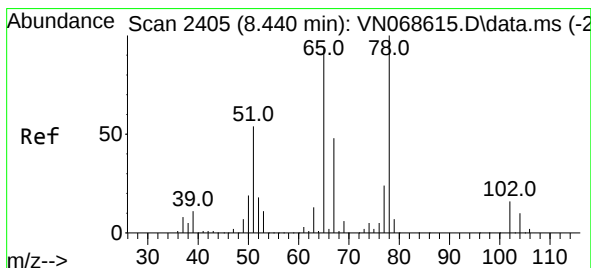
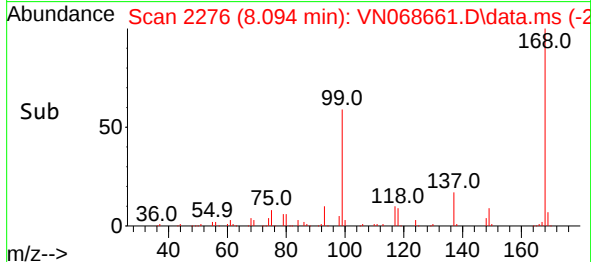
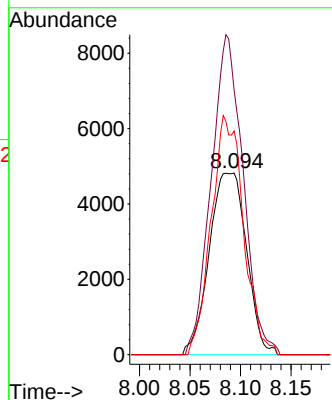
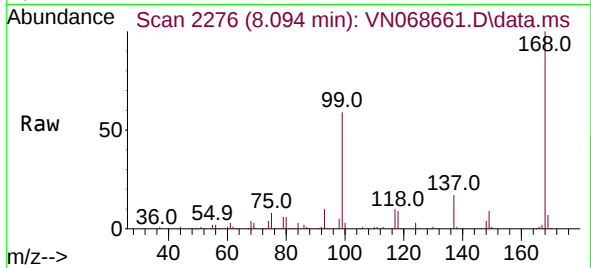




#31
Cyclohexane
Concen: 1.121 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.002 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

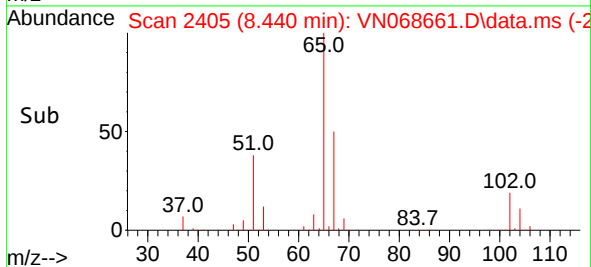
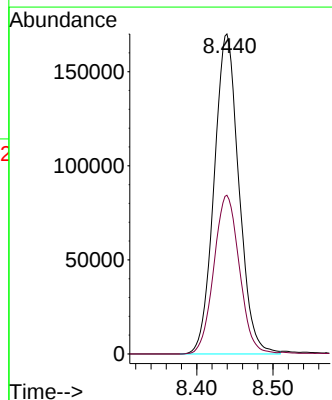
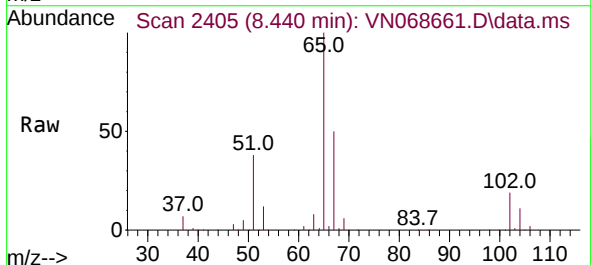
Instrument :
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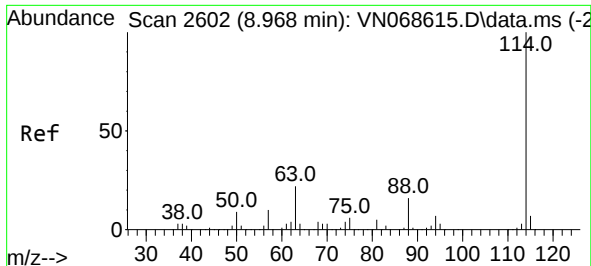
Tgt Ion: 56 Resp: 12361
Ion Ratio Lower Upper
56 100
69 145.6 27.3 40.9#
84 123.1 64.9 97.3#



#33
1,2-Dichloroethane-d4
Concen: 48.959 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion: 65 Resp: 384822
Ion Ratio Lower Upper
65 100
67 51.0 0.0 98.6

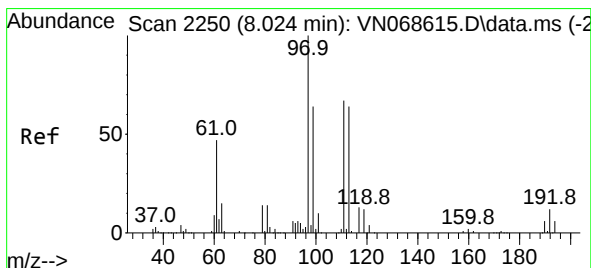
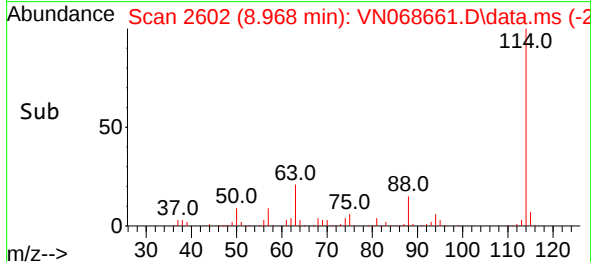
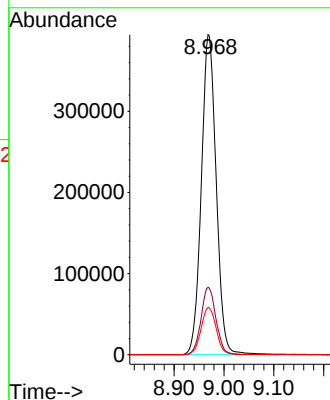
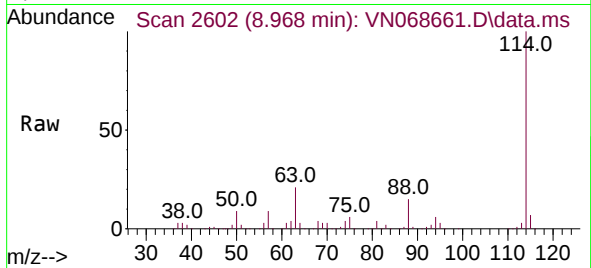




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

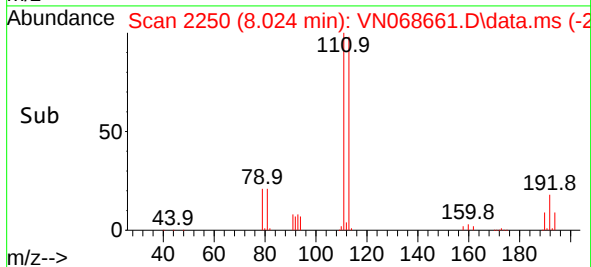
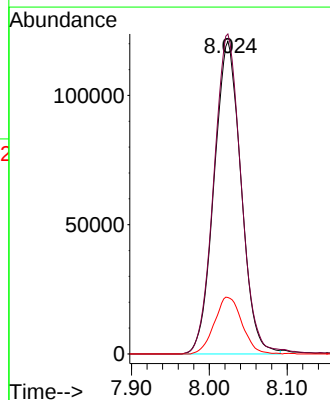
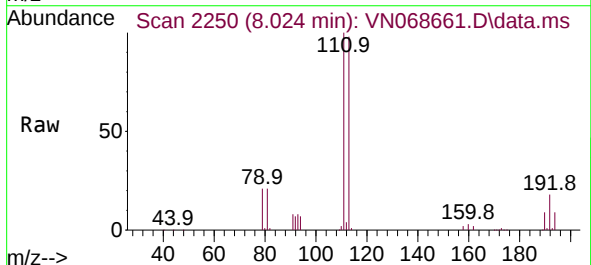
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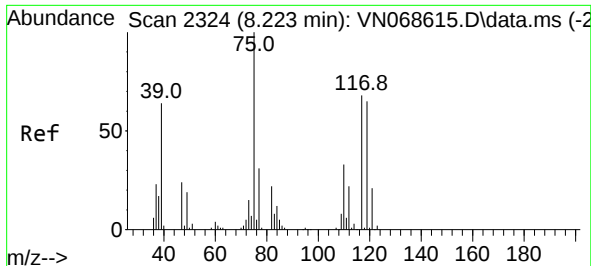
Tgt Ion:114 Resp: 818446
Ion Ratio Lower Upper
114 100
63 21.0 0.0 49.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.095 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion:113 Resp: 290605
Ion Ratio Lower Upper
113 100
111 103.8 83.8 125.8
192 18.6 13.4 20.0

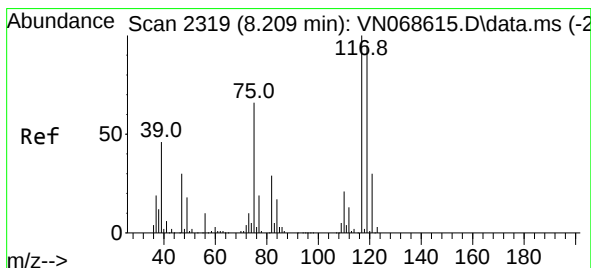
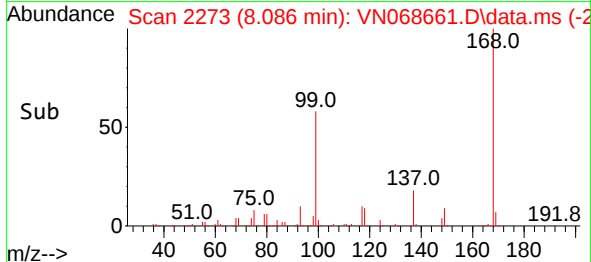
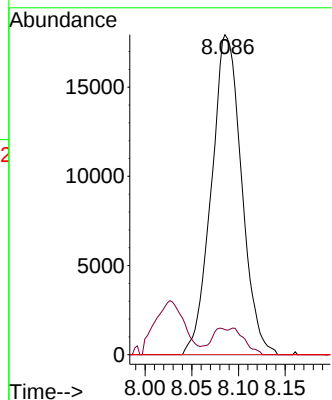
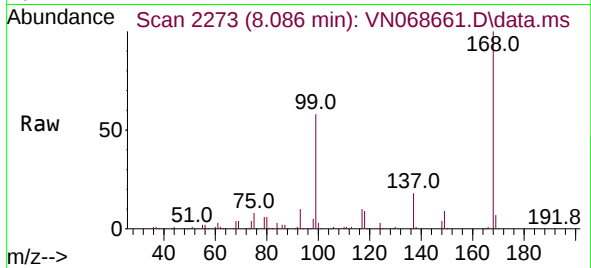




#36
1,1-Dichloropropene
Concen: 4.878 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.137 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

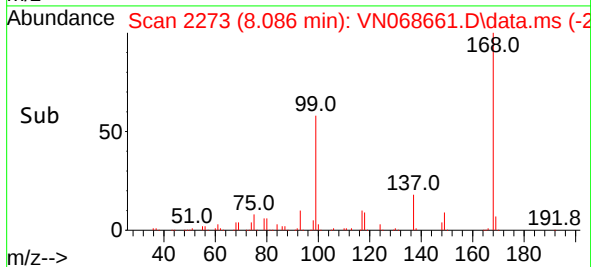
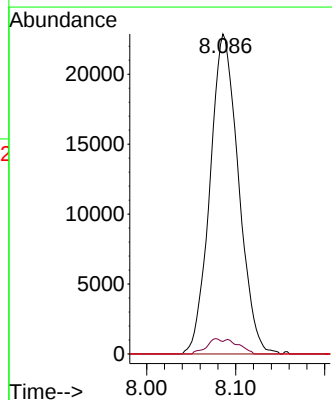
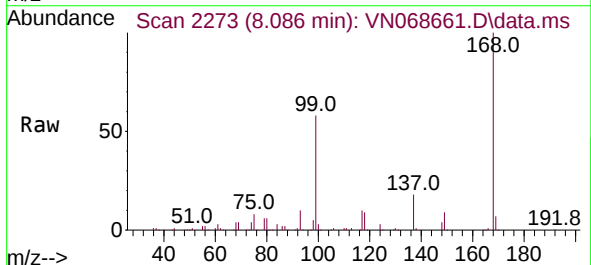
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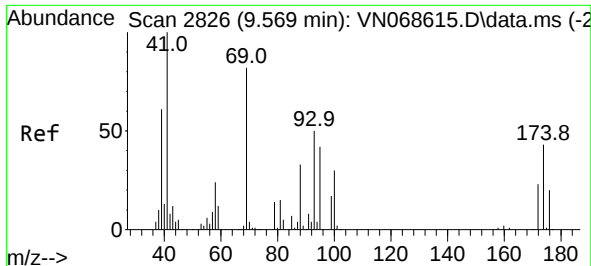
Tgt Ion: 75 Resp: 40323
Ion Ratio Lower Upper
75 100
110 2.4 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.963 ug/l
RT: 8.086 min Scan# 2273
Delta R.T. -0.123 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion: 117 Resp: 50912
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.2#
121 0.0 23.5 35.3#





#49

1,4-Dioxane

Concen: 0.234 ug/l

RT: 9.579 min Scan# 2830

Delta R.T. 0.010 min

Lab File: VN068661.D

Acq: 25 Sep 2021 11:47

Tgt Ion: 88 Resp: 25

Ion Ratio Lower Upper

88 100

43 1056.0 28.8 43.2#

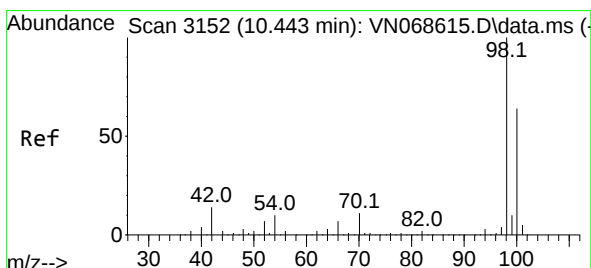
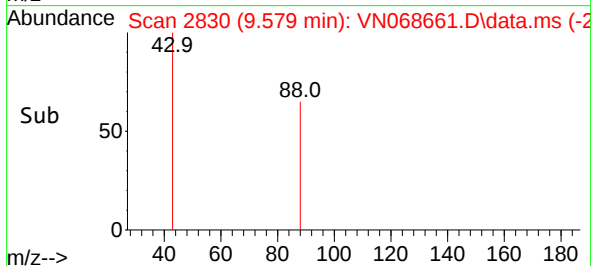
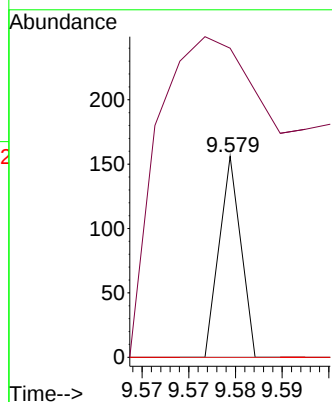
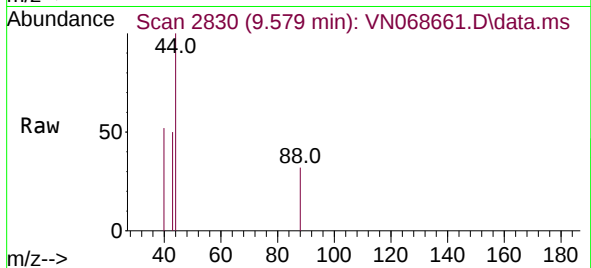
58 0.0 60.4 90.6#

Instrument :

MSVOA_N

ClientSampleId :

VN0925WBL01



#50

Toluene-d8

Concen: 54.903 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN068661.D

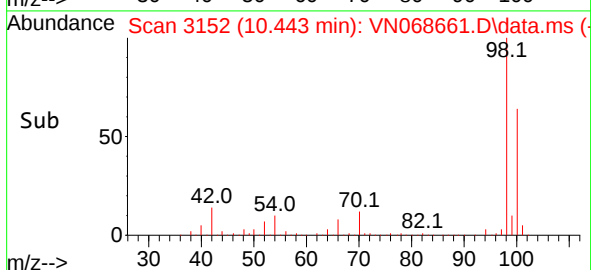
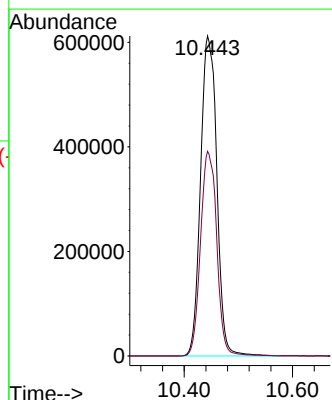
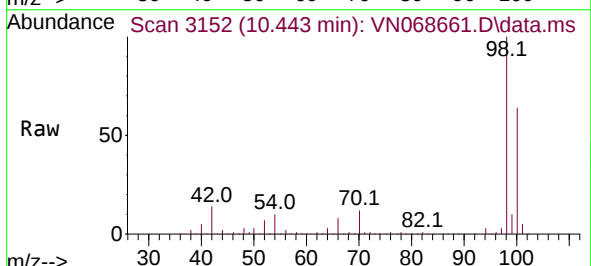
Acq: 25 Sep 2021 11:47

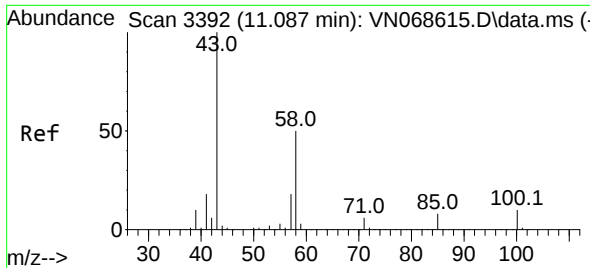
Tgt Ion: 98 Resp: 1274403

Ion Ratio Lower Upper

98 100

100 63.8 51.7 77.5

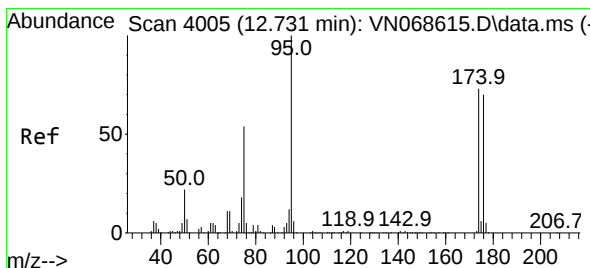
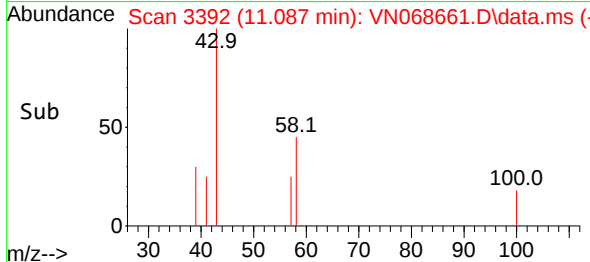
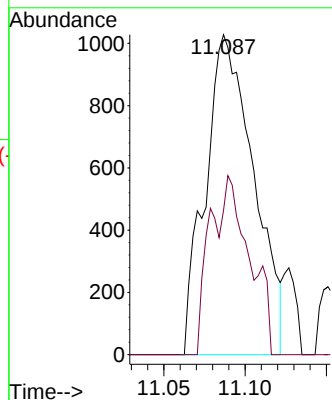
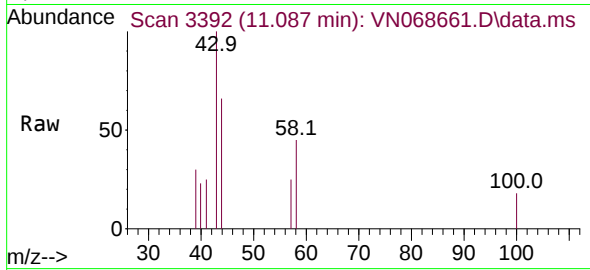




#59
2-Hexanone
Concen: 0.305 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

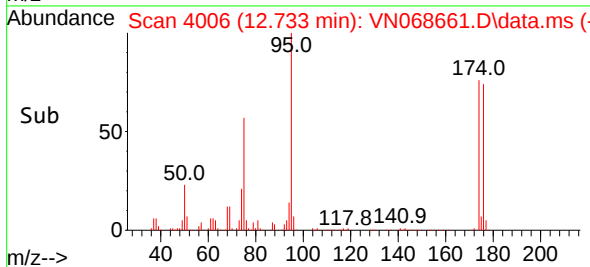
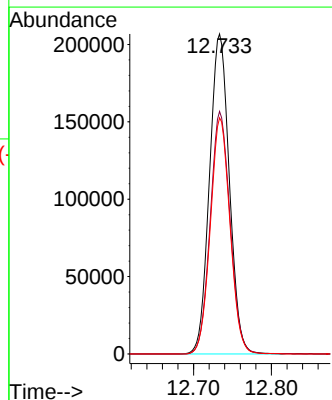
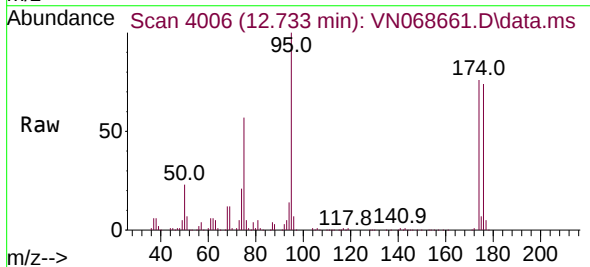
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

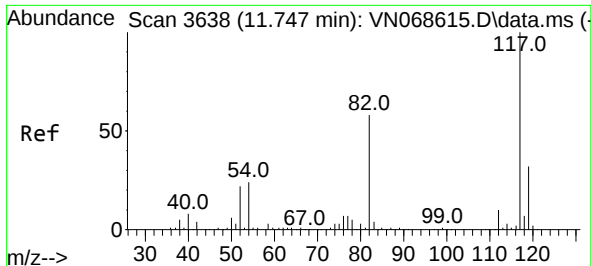
Tgt Ion: 43 Resp: 2129
Ion Ratio Lower Upper
43 100
58 31.0 24.7 74.1



#62
4-Bromofluorobenzene
Concen: 45.958 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.002 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion: 95 Resp: 364840
Ion Ratio Lower Upper
95 100
174 76.1 0.0 122.0
176 73.3 0.0 117.6

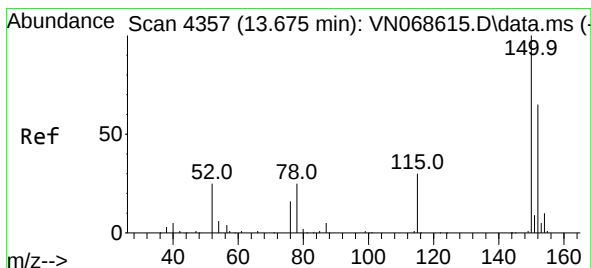
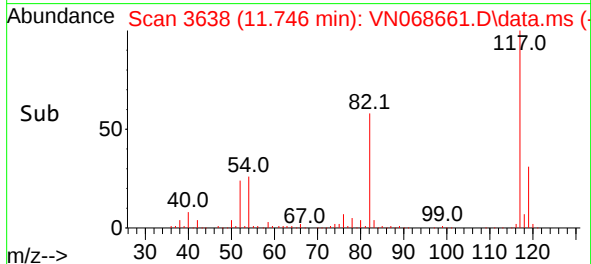
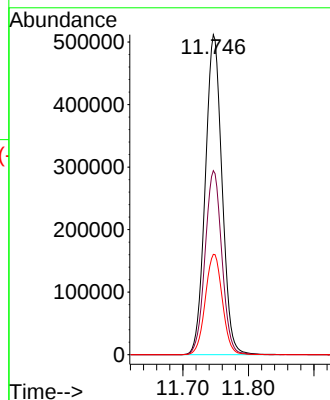
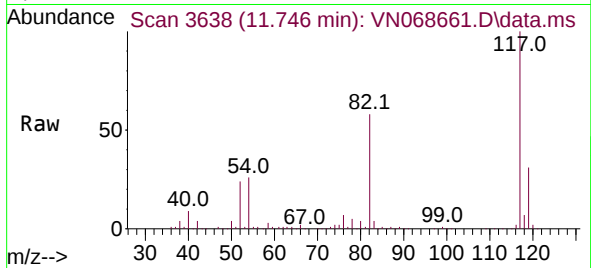




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

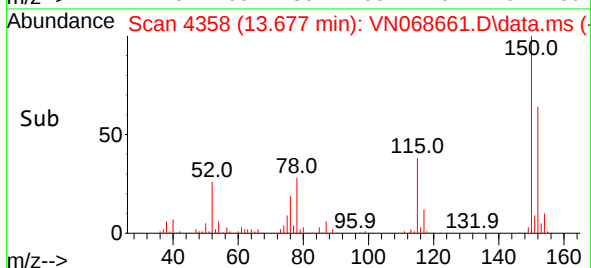
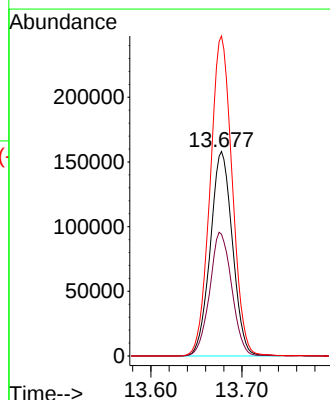
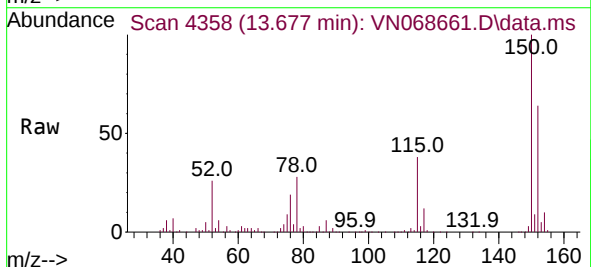
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

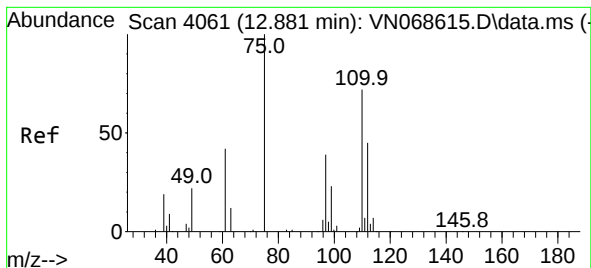
Tgt Ion:117 Resp: 906014
Ion Ratio Lower Upper
117 100
82 57.5 53.1 79.7
119 31.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion:152 Resp: 266545
Ion Ratio Lower Upper
152 100
115 60.3 36.1 108.5
150 156.0 0.0 351.8

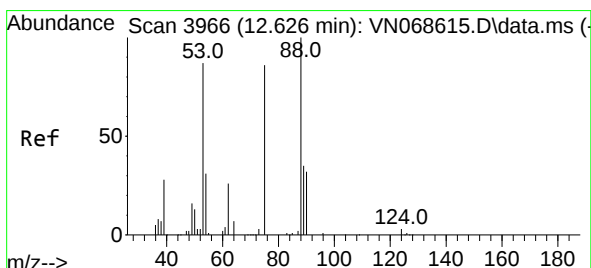
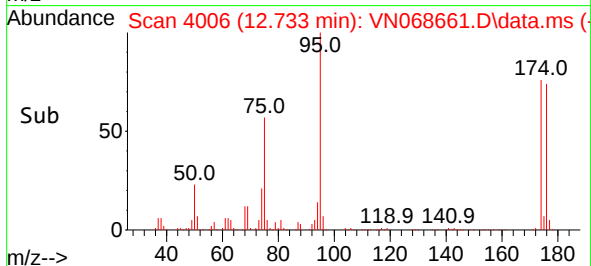
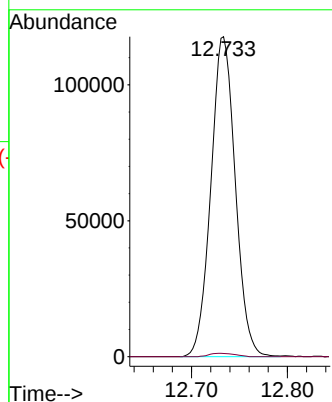
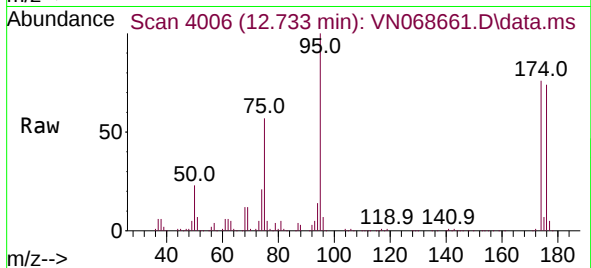




#76
1,2,3-Trichloropropane
Concen: 31.570 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. -0.148 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

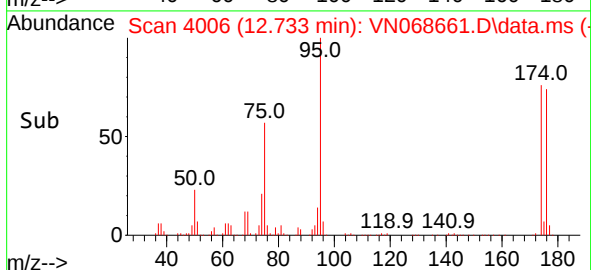
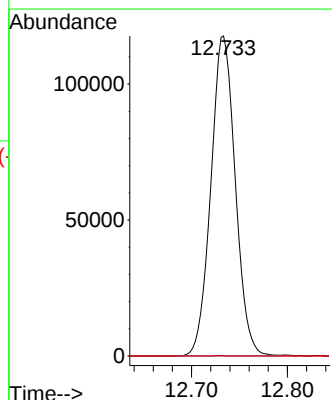
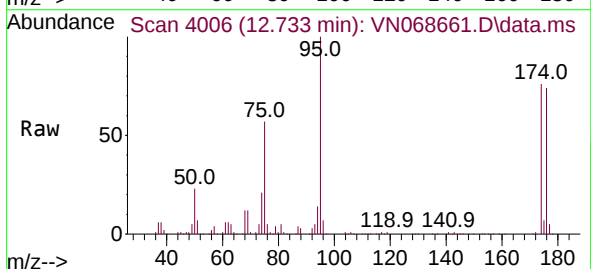
Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

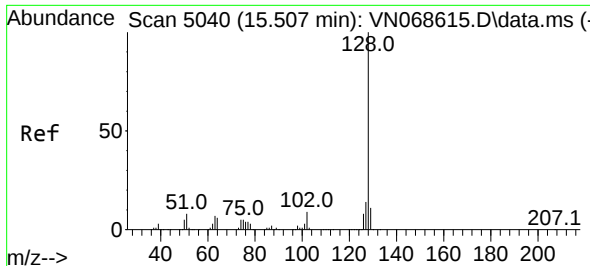
Tgt Ion: 75 Resp: 208066
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.179 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.107 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion: 75 Resp: 208066
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#

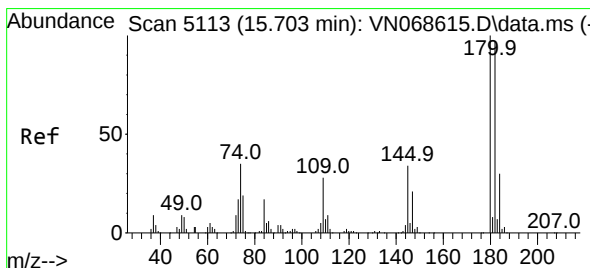
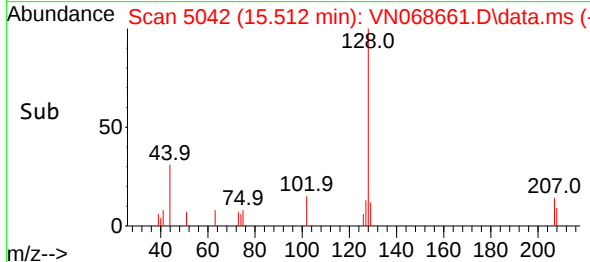
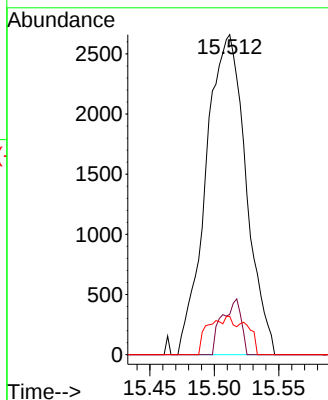
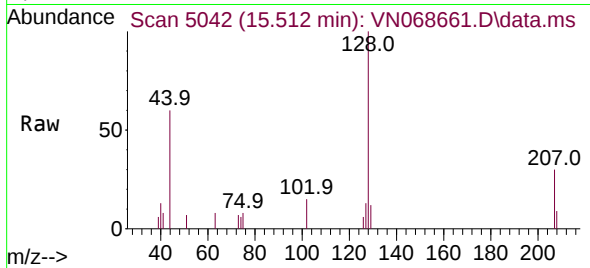




#95
Naphthalene
Concen: 2.029 ug/l
RT: 15.512 min Scan# 5042
Delta R.T. 0.005 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Instrument :
MSVOA_N
ClientSampleId :
VN0925WBL01

Tgt Ion:128 Resp: 5737
Ion Ratio Lower Upper
128 100
127 8.3 10.6 15.8#
129 8.0 8.6 12.8#



#96
1,2,3-Trichlorobenzene
Concen: 0.313 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. -0.001 min
Lab File: VN068661.D
Acq: 25 Sep 2021 11:47

Tgt Ion:180 Resp: 1370
Ion Ratio Lower Upper
180 100
182 54.6 47.8 143.3
145 22.8 18.2 54.6

