

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068644.D
 Acq On : 24 Sep 2021 17:26
 Operator : JC/MD
 Sample : M3911-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SW-CB-02-(0.2)

Quant Time: Sep 24 17:49:01 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)

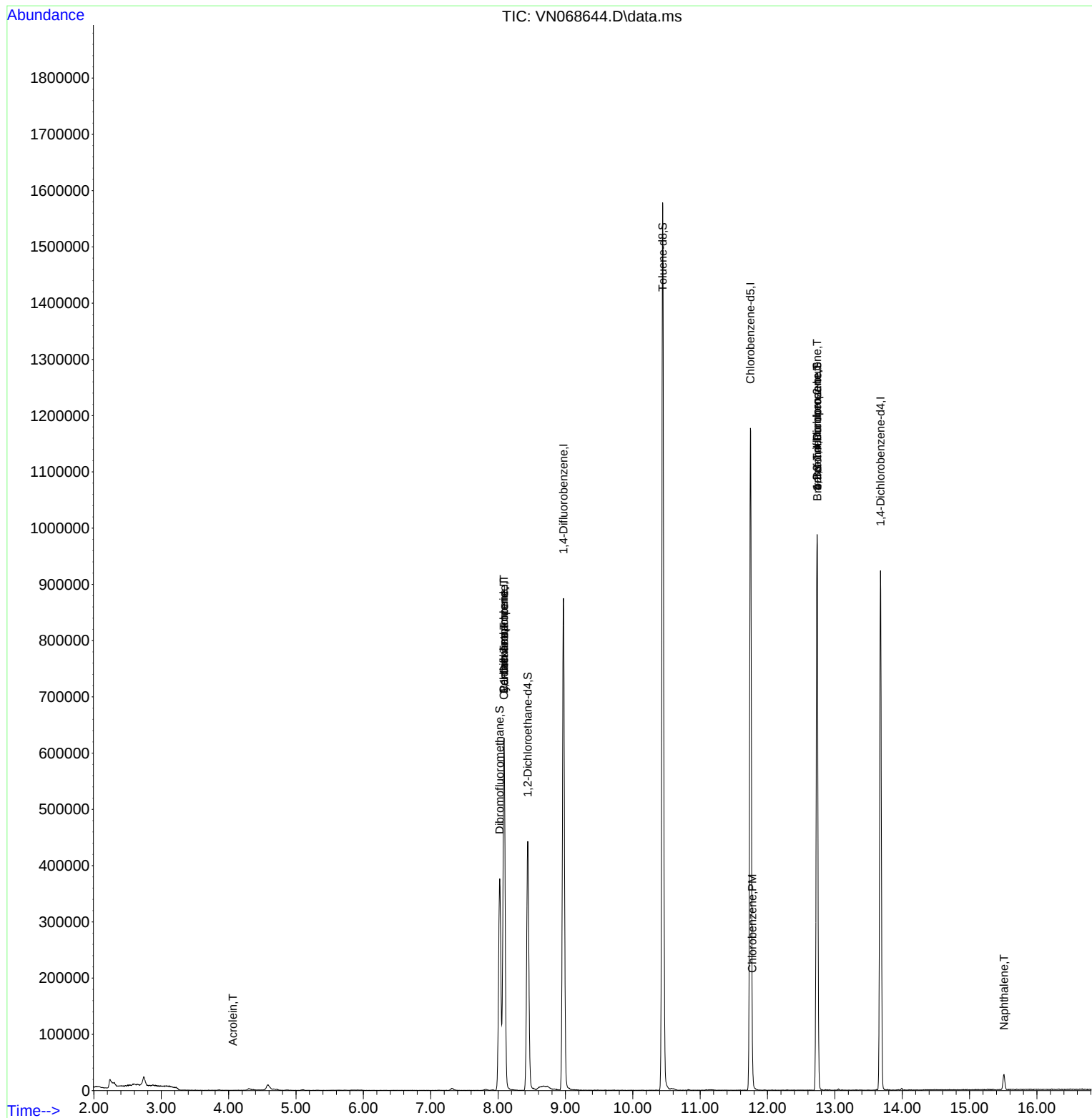
Internal Standards						
1) Pentafluorobenzene	8.088	168	471786	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	769988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	669932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	242492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	360807	48.986	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.980%		
35) Dibromofluoromethane	8.024	113	275688	53.547	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.100%		
50) Toluene-d8	10.443	98	1076005	49.273	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.736	95	327134	43.802	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	87.600%		
Target Compounds						
5) Bromomethane	2.853	94	189	Below Cal	#	4
6) Chloroethane	2.963	64	499	Below Cal	#	44
13) Acrolein	4.063	56	103	7.106	ug/l	96
16) Acetone	4.301	43	3271	Below Cal	#	89
20) Methylene Chloride	5.087	84	375	Below Cal	#	35
31) Cyclohexane	8.085	56	11179	1.082	ug/l	# 12
36) 1,1-Dichloropropene	8.088	75	38346	4.931	ug/l	# 52
38) Carbon Tetrachloride	8.088	117	47930	5.967	ug/l	# 17
65) Chlorobenzene	11.773	112	2861	0.202	ug/l	92
71) Bromoform	12.739	173	888	0.228	ug/l	# 1
76) 1,2,3-Trichloropropane	12.736	75	185673	30.967	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.736	75	185673	87.474	ug/l	# 6
95) Naphthalene	15.509	128	25776	3.734	ug/l	96

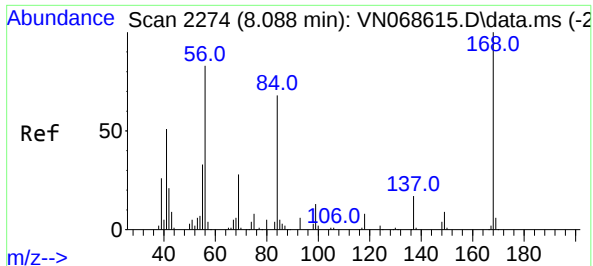
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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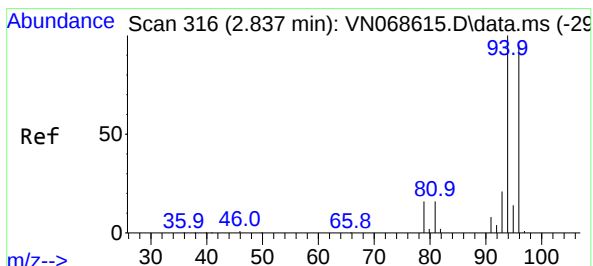
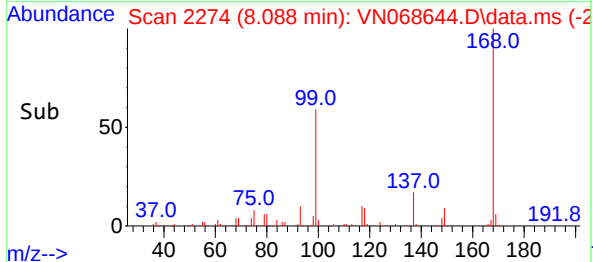
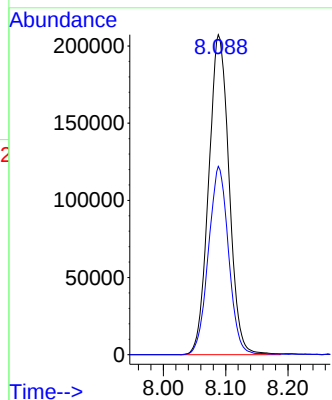
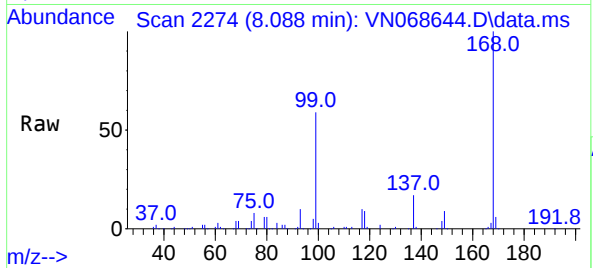




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

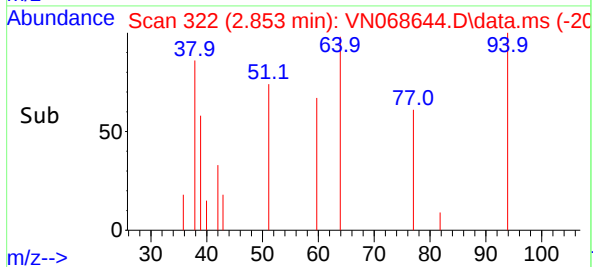
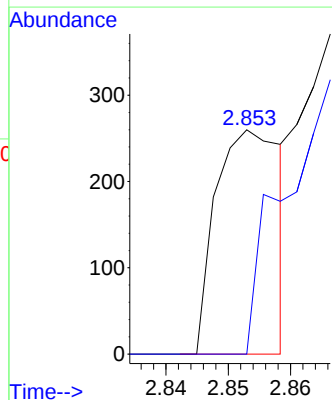
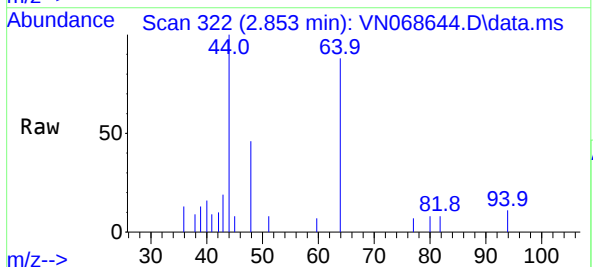
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

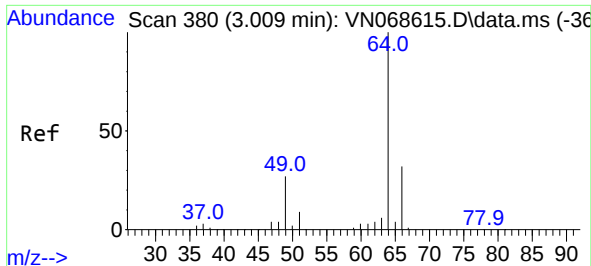
Tgt Ion:168 Resp: 471786
Ion Ratio Lower Upper
168 100
99 58.9 62.9 94.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.853 min Scan# 322
Delta R.T. 0.016 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion: 94 Resp: 189
Ion Ratio Lower Upper
94 100
96 0.0 73.7 110.5#

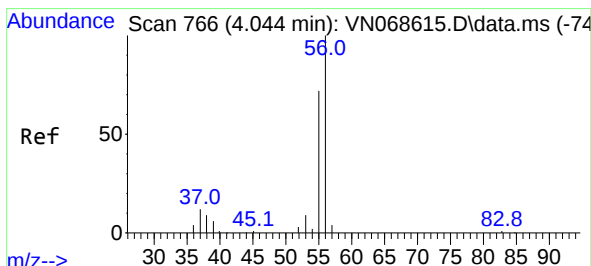
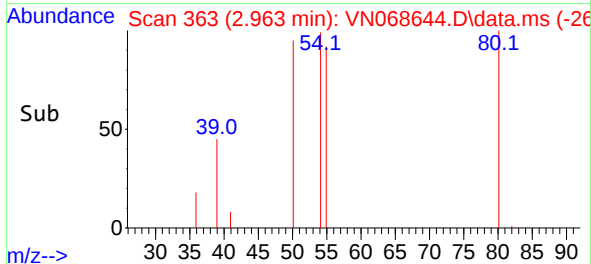
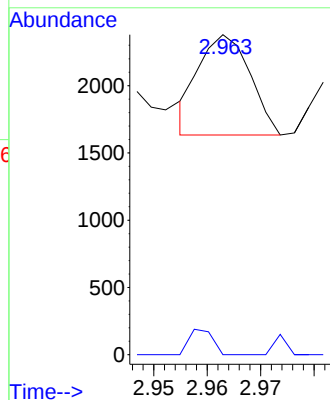
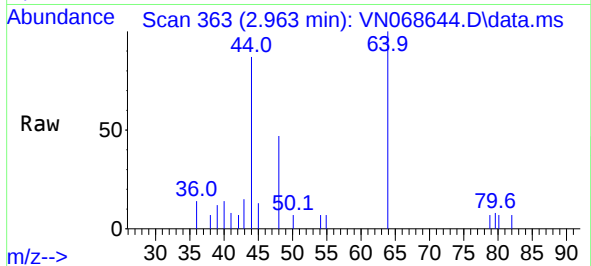




#6
Chloroethane
Concen: Below Cal
RT: 2.963 min Scan# 363
Delta R.T. -0.046 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

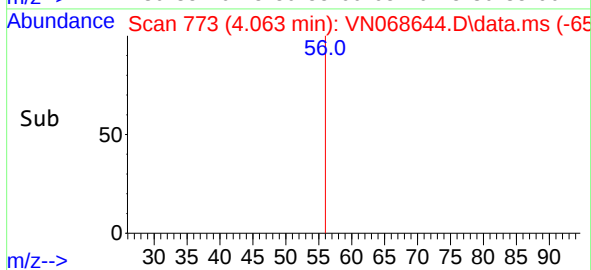
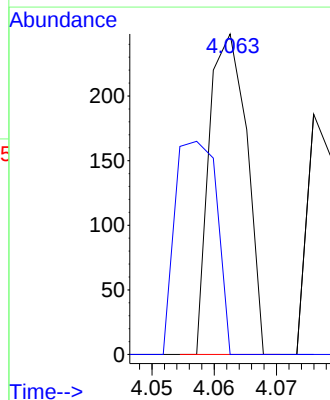
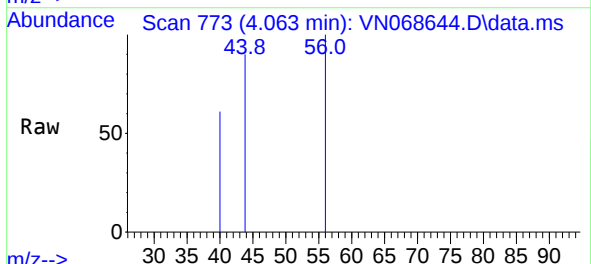
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

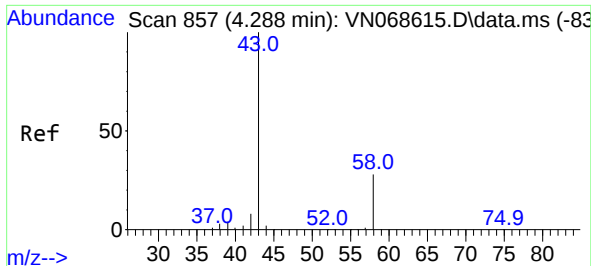
Tgt Ion: 64 Resp: 499
Ion Ratio Lower Upper
64 100
66 0.0 24.7 37.1#



#13
Acrolein
Concen: 7.106 ug/l
RT: 4.063 min Scan# 773
Delta R.T. 0.019 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion: 56 Resp: 103
Ion Ratio Lower Upper
56 100
55 74.8 57.4 86.0

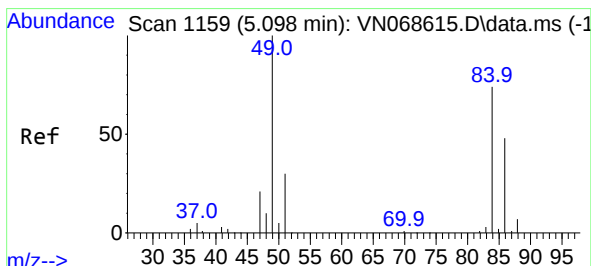
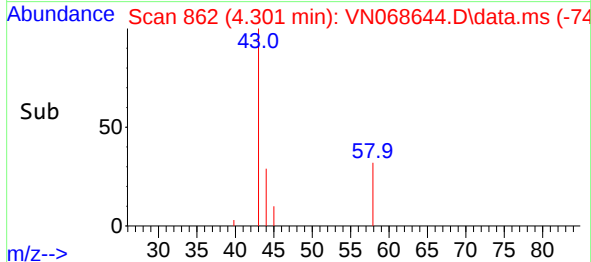
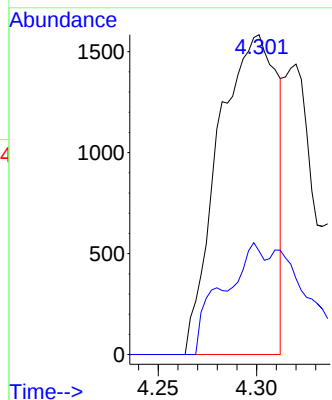
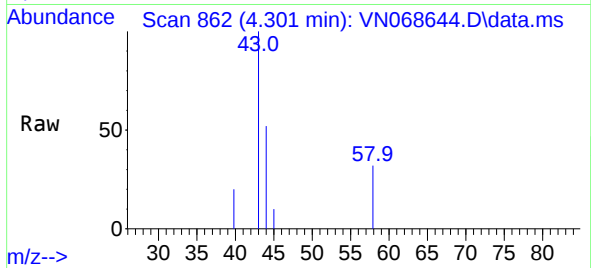




#16
Acetone
Concen: Below Cal
RT: 4.301 min Scan# 862
Delta R.T. 0.013 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

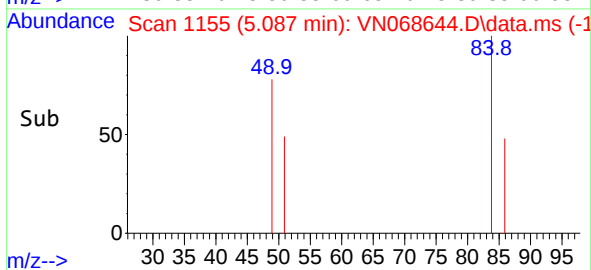
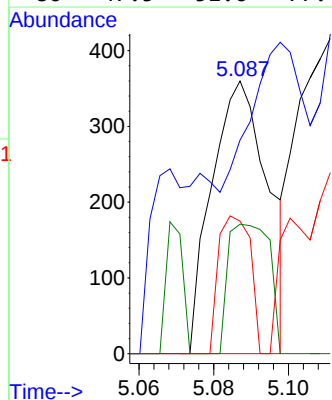
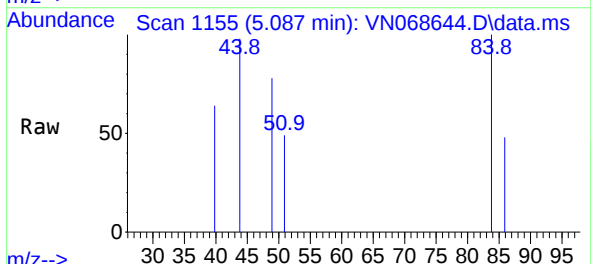
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

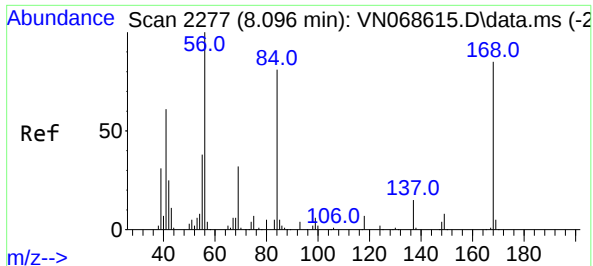
Tgt Ion: 43 Resp: 3271
Ion Ratio Lower Upper
43 100
58 32.4 21.2 31.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 5.087 min Scan# 1155
Delta R.T. -0.011 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion: 84 Resp: 375
Ion Ratio Lower Upper
84 100
49 17.5 110.9 166.3#
51 48.6 32.6 49.0
86 47.5 51.6 77.4#





#31

Cyclohexane

Concen: 1.082 ug/l

RT: 8.085 min Scan# 2273

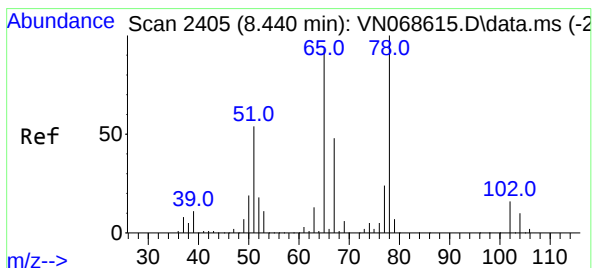
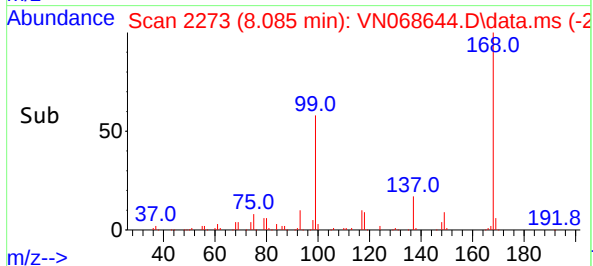
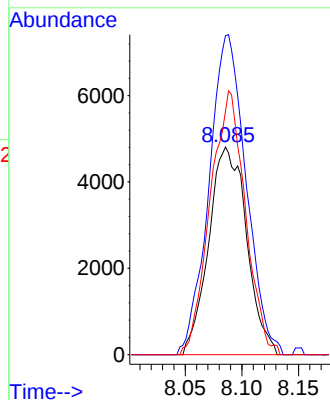
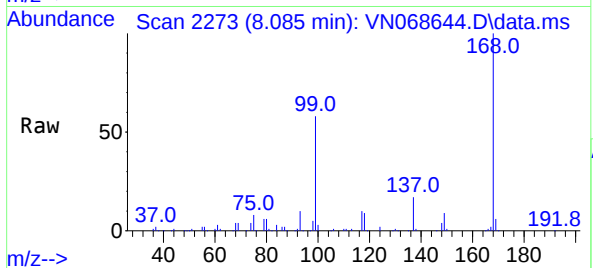
Delta R.T. -0.011 min

Lab File: VN068644.D

Acq: 24 Sep 2021 17:26

Tgt Ion:	56	Resp:	11179
Ion	Ratio	Lower	Upper
56	100		
69	150.0	27.3	40.9#
84	117.2	64.9	97.3#

Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)



#33

1,2-Dichloroethane-d4

Concen: 48.986 ug/l

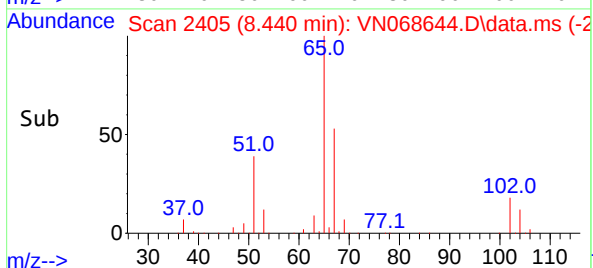
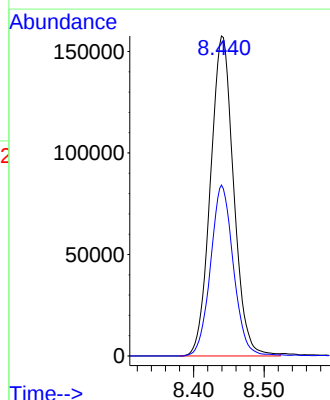
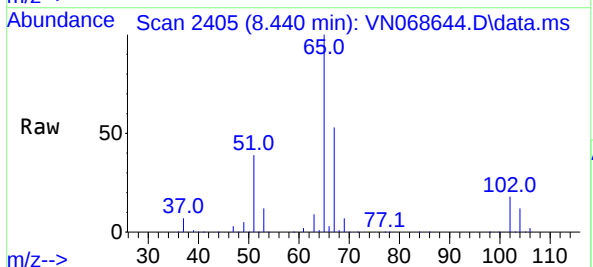
RT: 8.440 min Scan# 2405

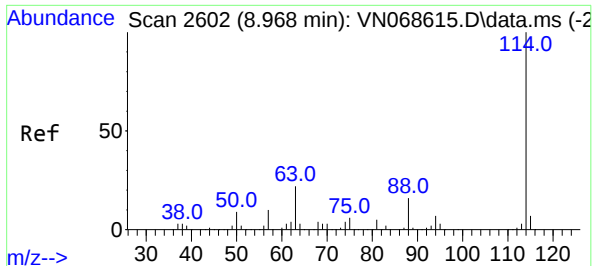
Delta R.T. -0.000 min

Lab File: VN068644.D

Acq: 24 Sep 2021 17:26

Tgt Ion:	65	Resp:	360807
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	98.6

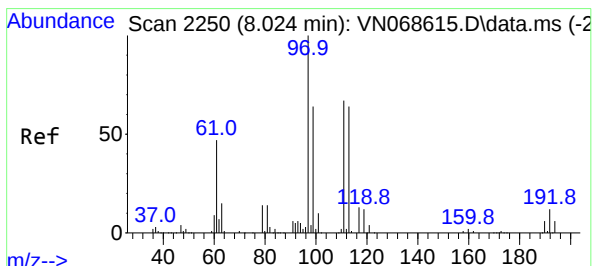
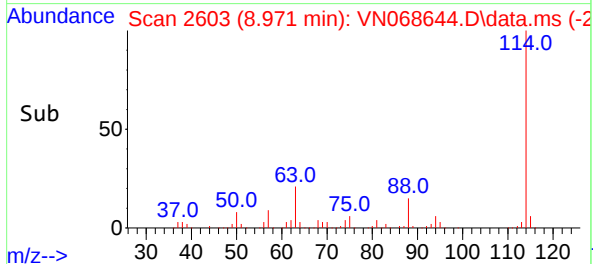
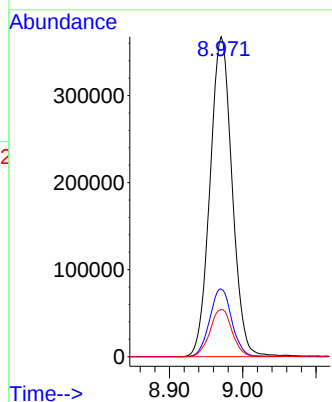
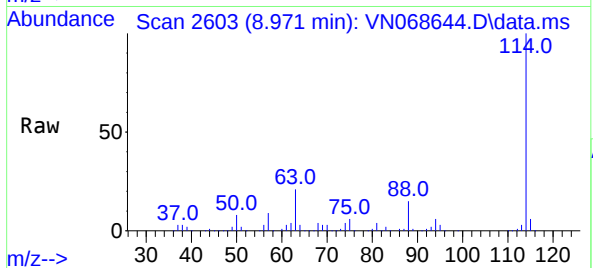




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

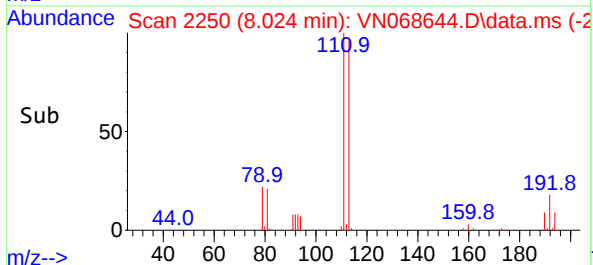
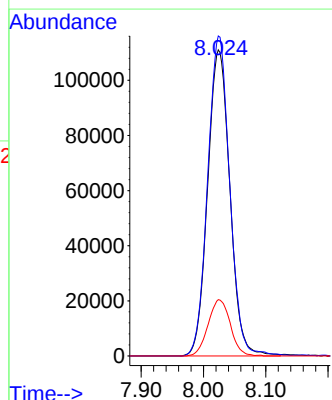
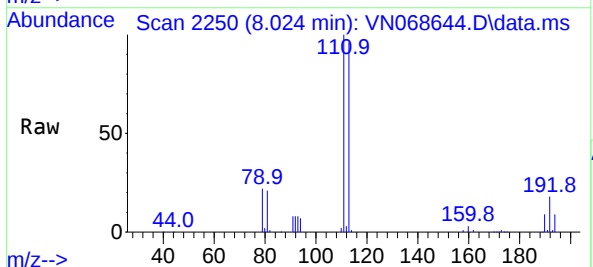
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

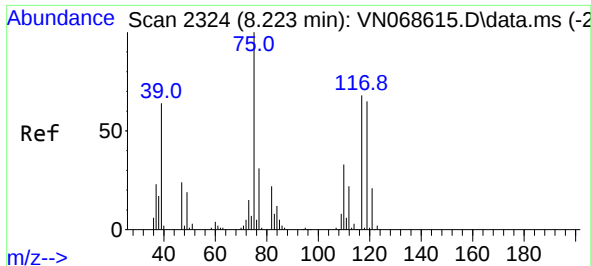
Tgt Ion:114 Resp: 769988
Ion Ratio Lower Upper
114 100
63 21.2 0.0 49.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 53.547 ug/l
RT: 8.024 min Scan# 2250
Delta R.T. -0.000 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion:113 Resp: 275688
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.8
192 18.4 13.4 20.0

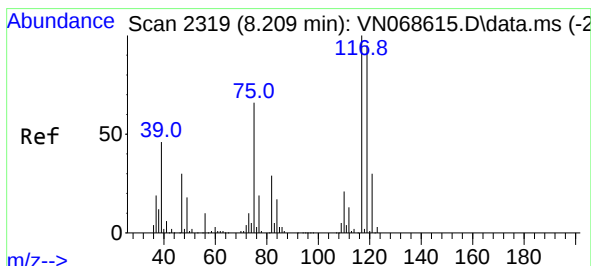
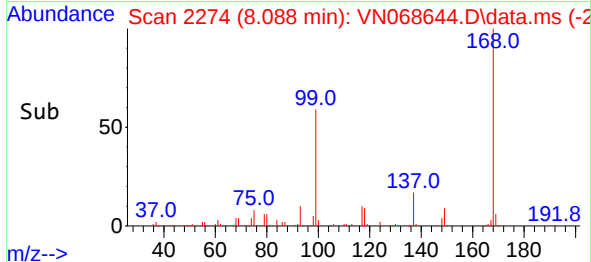
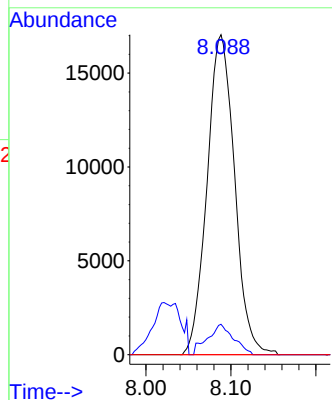
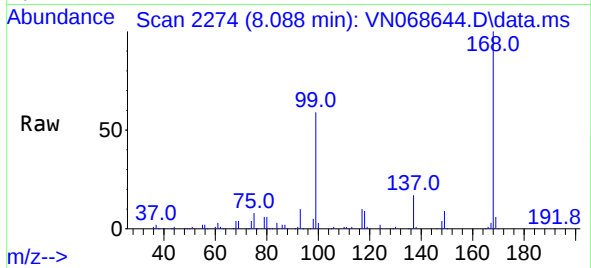




#36
1,1-Dichloropropene
Concen: 4.931 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.135 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

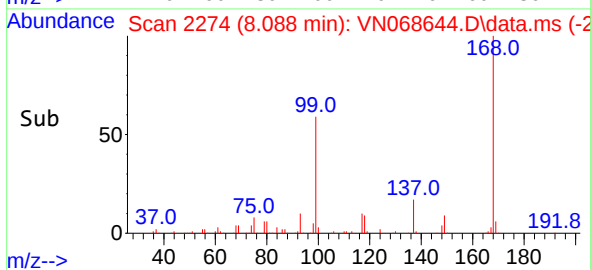
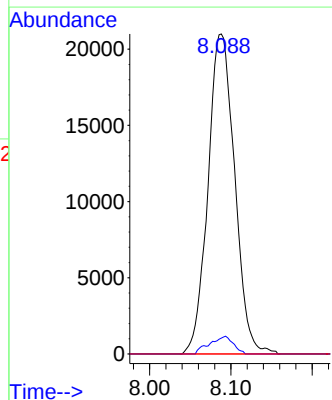
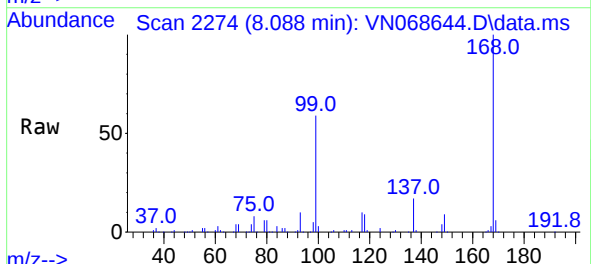
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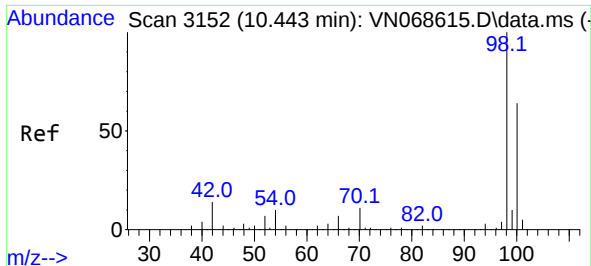
Tgt Ion: 75 Resp: 38346
Ion Ratio Lower Upper
75 100
110 9.0 15.7 47.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.967 ug/l
RT: 8.088 min Scan# 2274
Delta R.T. -0.121 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion: 117 Resp: 47930
Ion Ratio Lower Upper
117 100
119 5.0 75.4 113.2#
121 0.0 23.5 35.3#

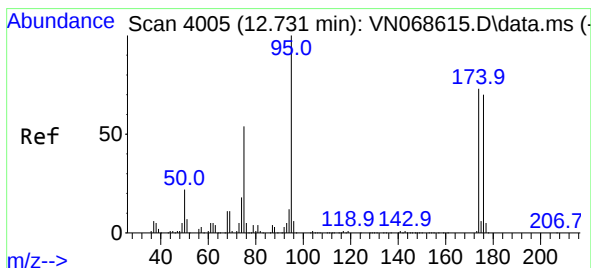
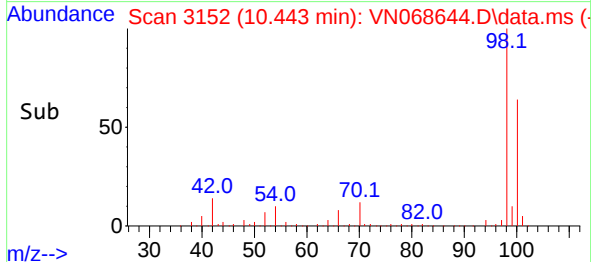
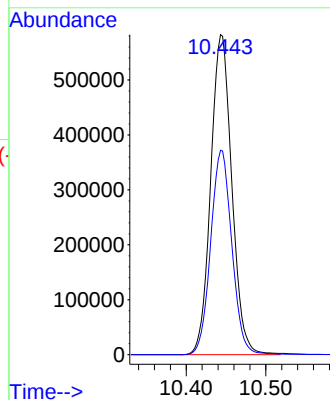
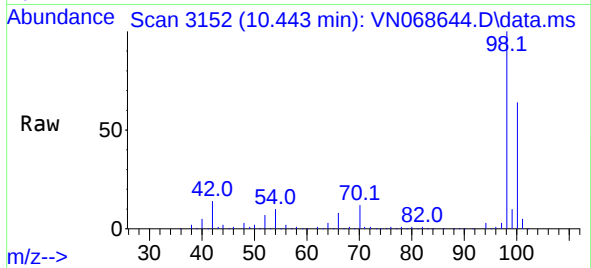




#50
Toluene-d8
Concen: 49.273 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

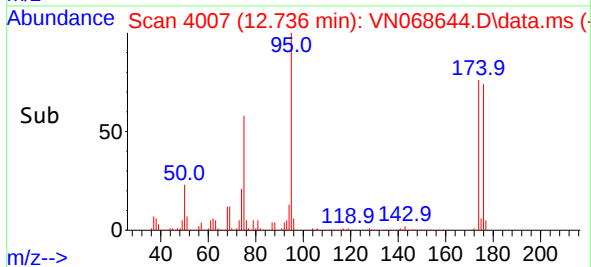
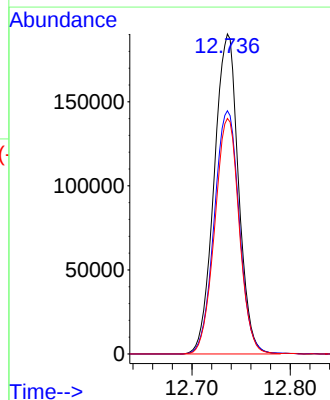
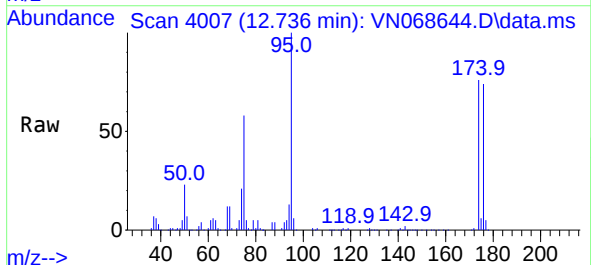
Instrument :
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ClientSampleId :
SW-CB-02-(0.2)

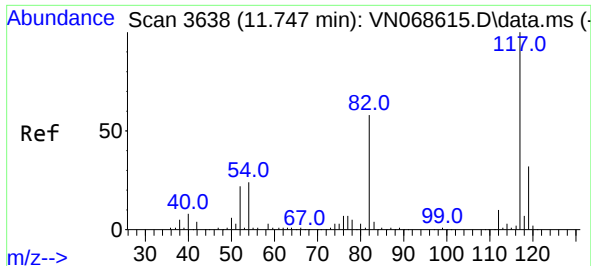
Tgt Ion: 98 Resp: 1076005
Ion Ratio Lower Upper
98 100
100 64.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 43.802 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.005 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion: 95 Resp: 327134
Ion Ratio Lower Upper
95 100
174 78.4 0.0 122.0
176 74.2 0.0 117.6

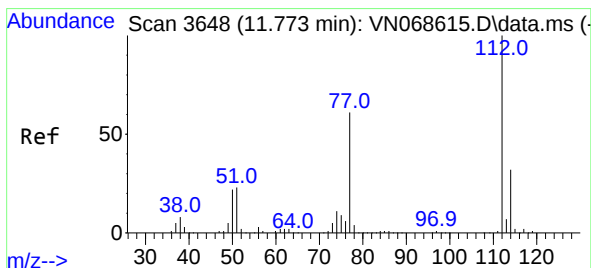
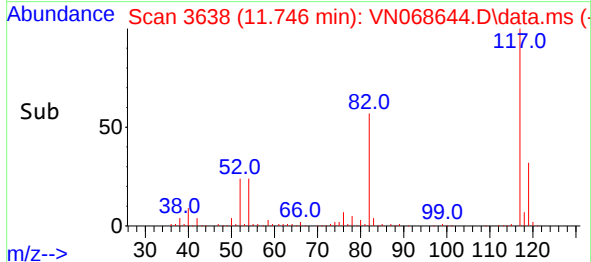
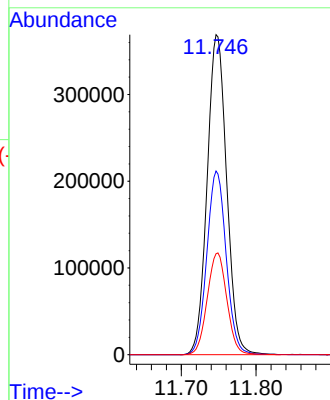
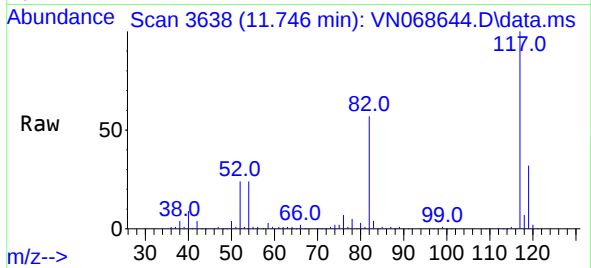




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. -0.001 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

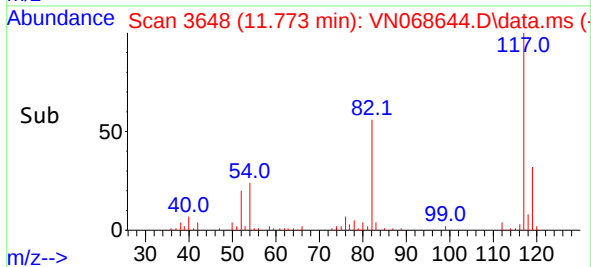
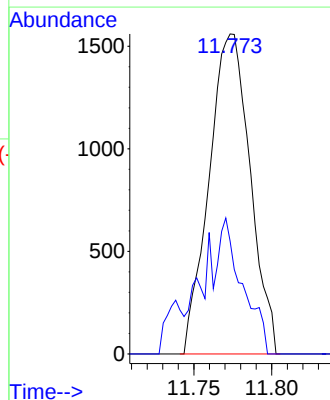
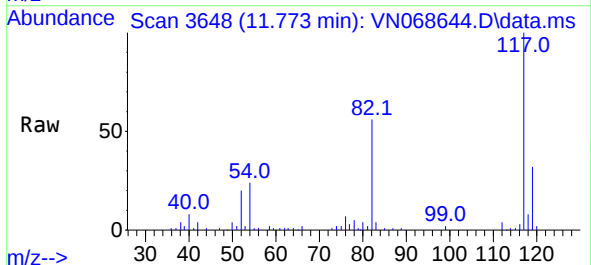
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

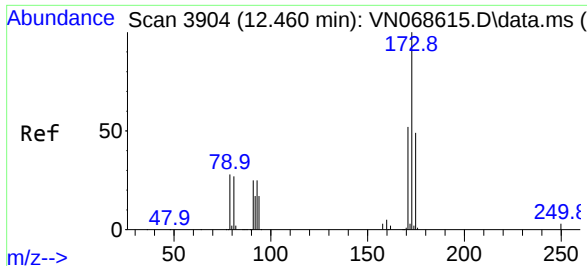
Tgt Ion:117 Resp: 669932
Ion Ratio Lower Upper
117 100
82 57.4 53.1 79.7
119 31.6 25.5 38.3



#65
Chlorobenzene
Concen: 0.202 ug/l
RT: 11.773 min Scan# 3648
Delta R.T. 0.000 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion:112 Resp: 2861
Ion Ratio Lower Upper
112 100
114 35.3 24.6 37.0

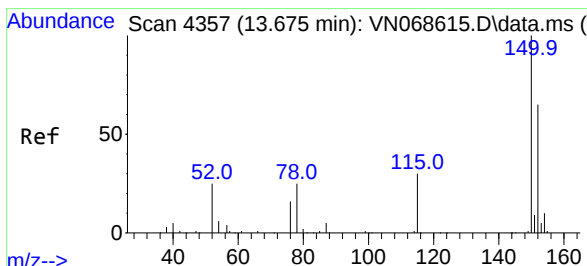
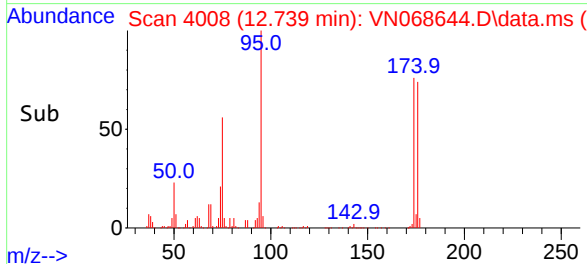
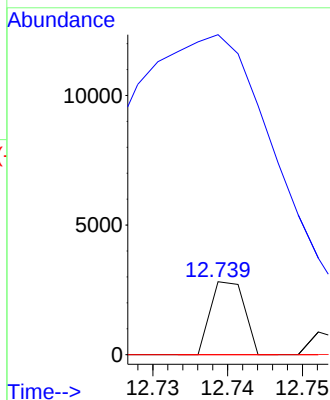
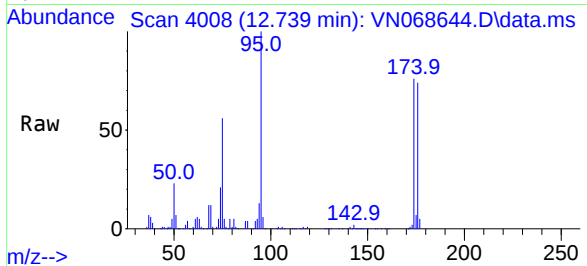




#71
Bromoform
Concen: 0.228 ug/l
RT: 12.739 min Scan# 4008
Delta R.T. 0.279 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

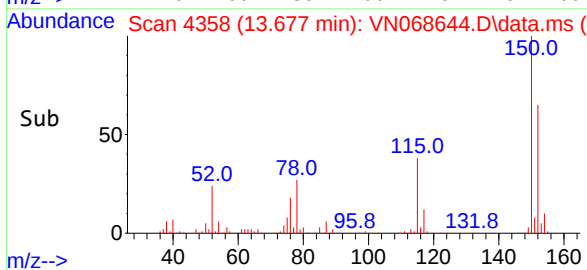
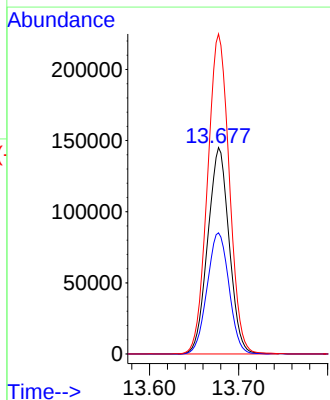
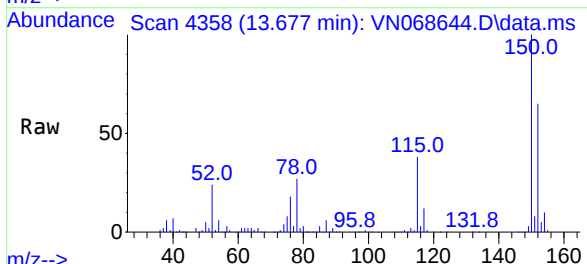
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

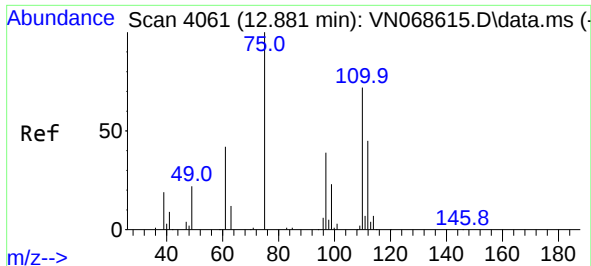
Tgt Ion:173 Resp: 888
Ion Ratio Lower Upper
173 100
175 2204.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.677 min Scan# 4358
Delta R.T. 0.002 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion:152 Resp: 242492
Ion Ratio Lower Upper
152 100
115 59.9 36.1 108.5
150 157.5 0.0 351.8

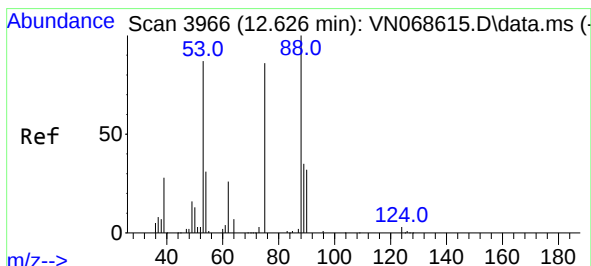
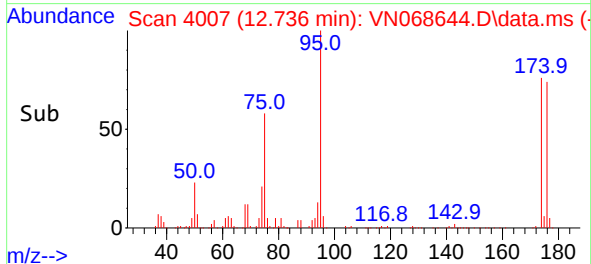
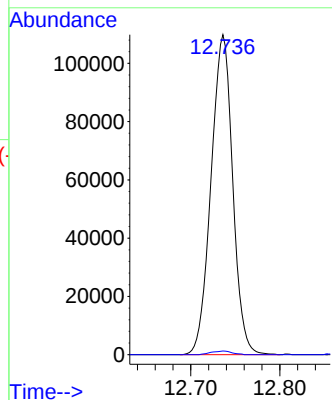
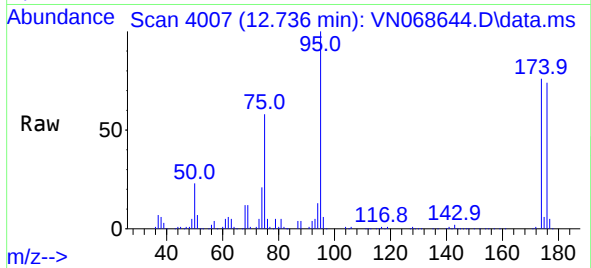




#76
1,2,3-Trichloropropane
Concen: 30.967 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. -0.145 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

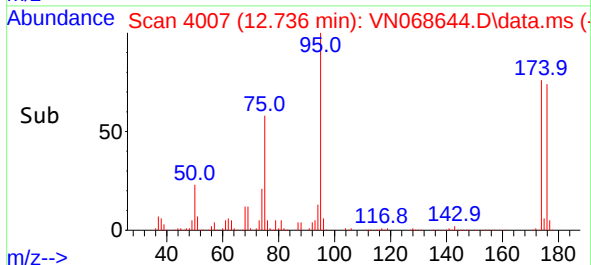
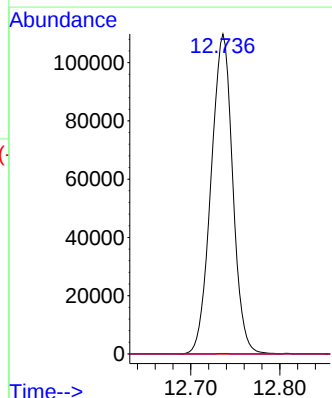
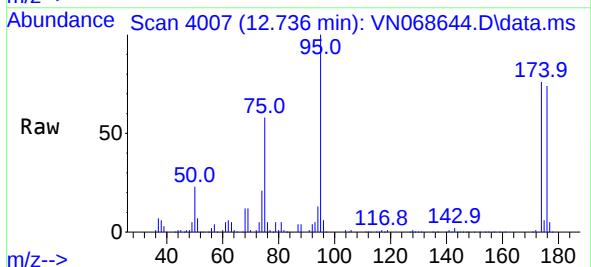
Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

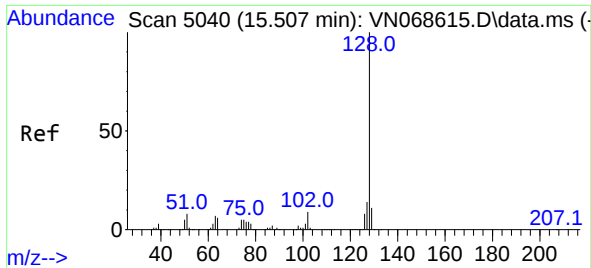
Tgt Ion: 75 Resp: 185673
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.474 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.110 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Tgt Ion: 75 Resp: 185673
Ion Ratio Lower Upper
75 100
53 0.1 87.6 131.4#
89 0.0 37.8 56.8#





#95
Naphthalene
Concen: 3.734 ug/l
RT: 15.509 min Scan# 5041
Delta R.T. 0.002 min
Lab File: VN068644.D
Acq: 24 Sep 2021 17:26

Instrument :
MSVOA_N
ClientSampleId :
SW-CB-02-(0.2)

Tgt Ion:	128	Resp:	25776
Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.6	15.8
129	11.7	8.6	12.8

