

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
 Data File : VN063273.D
 Acq On : 9 Sep 2020 11:12
 Operator : JC/MD
 Sample : VN0909WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBL01

Quant Time: Sep 09 15:33:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

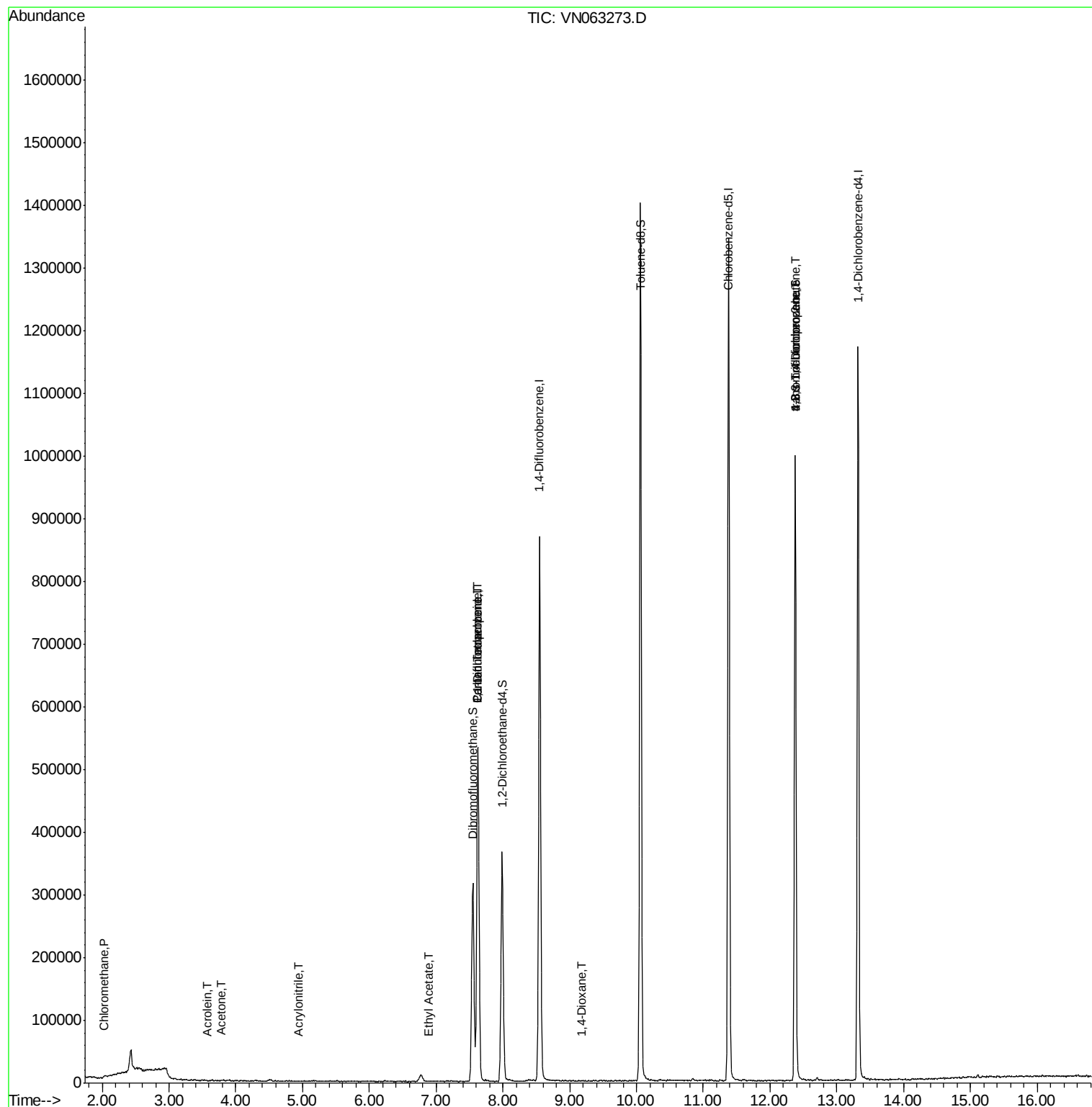
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	393333	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	742158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	720451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	293268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	315996	49.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.30%	
35) Dibromofluoromethane	7.55	113	239014	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
50) Toluene-d8	10.06	98	953037	52.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	356088	55.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.10%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.04	50	2227	0.395	ug/l	89
7) Trichlorofluoromethane	3.00	101	33	Below Cal	#	19
13) Acrolein	3.58	56	95	16.065	ug/l #	44
15) Acrylonitrile	4.95	53	169	2.480	ug/l #	46
16) Acetone	3.79	43	1046	0.572	ug/l #	46
20) Methylene Chloride	4.51	84	186	Below Cal	#	42
31) Cyclohexane	7.63	56	11583	Below Cal	#	40
36) 1,1-Dichloropropene	7.62	75	36372	5.098	ug/l #	51
37) Ethyl Acetate	6.89	43	442	0.445	ug/l #	85
38) Carbon Tetrachloride	7.62	117	42396	5.859	ug/l #	15
49) 1,4-Dioxane	9.17	88	66	0.814	ug/l #	35
76) 1,2,3-Trichloropropane	12.38	75	192058	33.331	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.38	75	192058	80.561	ug/l #	10

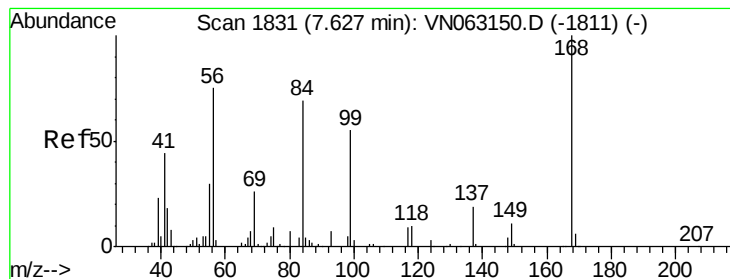
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN090920\
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ClientSampleId :
VN0909WBL01

Quant Time: Sep 09 15:33:09 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 01 04:21:28 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063273.D

Acq: 9 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

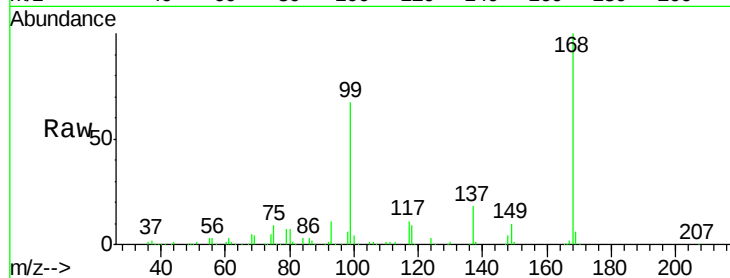
VN0909WBL01

Tgt Ion:168 Resp: 393333

Ion Ratio Lower Upper

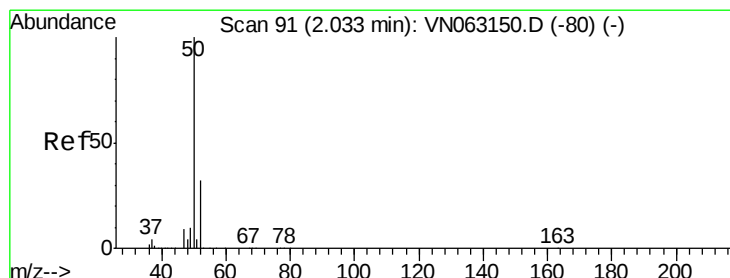
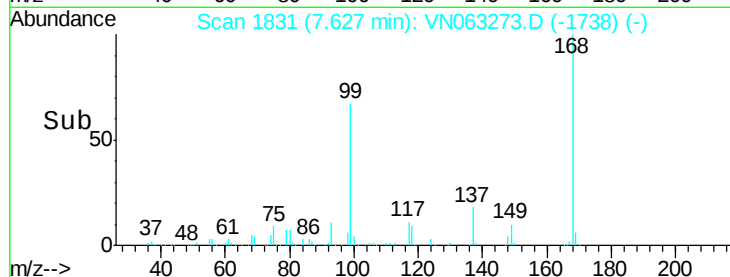
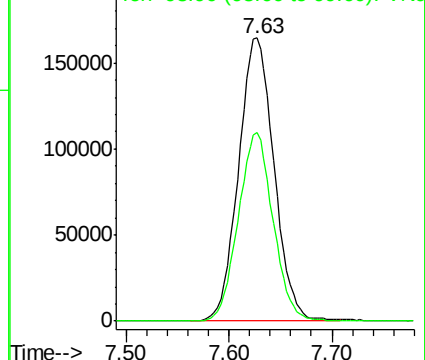
168 100

99 66.5 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#3

Chloromethane

Concen: 0.395 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063273.D

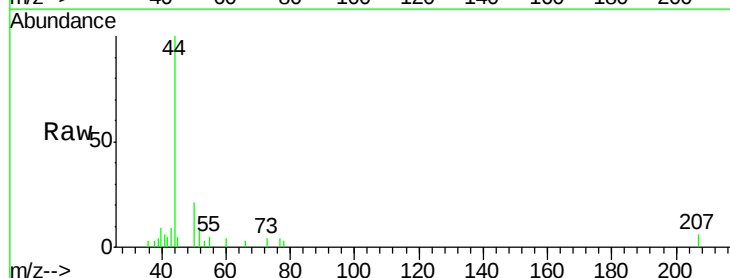
Acq: 9 Sep 2020 11:12

Tgt Ion: 50 Resp: 2227

Ion Ratio Lower Upper

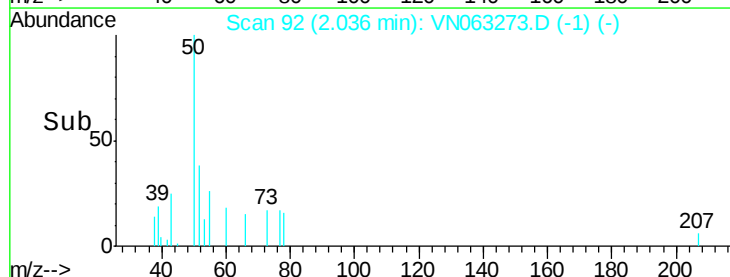
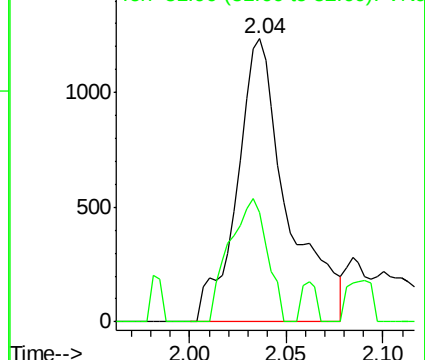
50 100

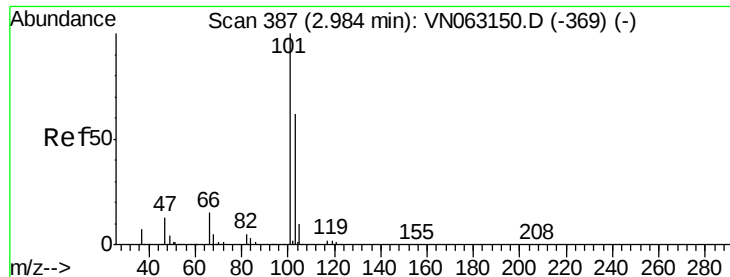
52 38.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



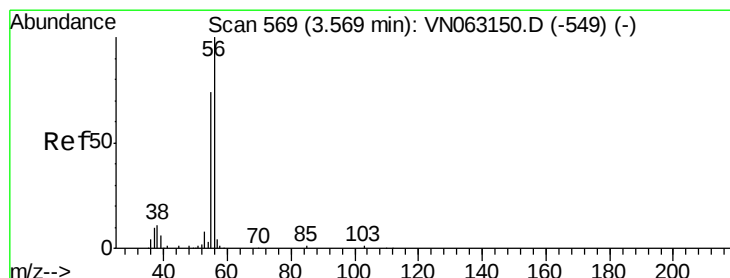
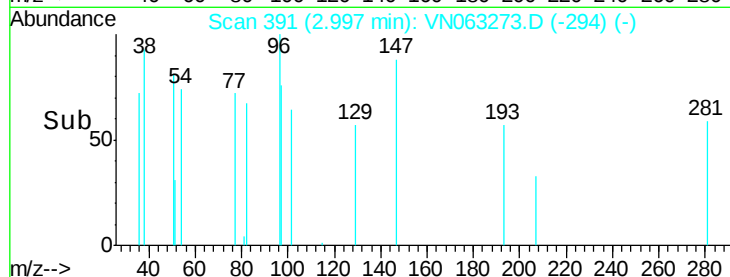
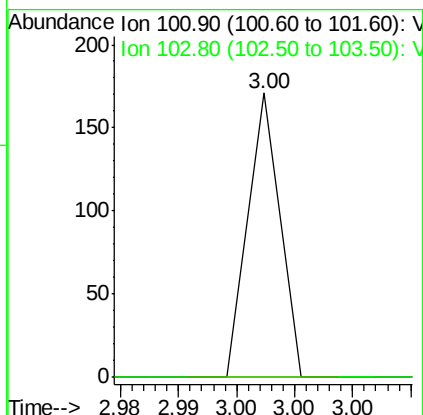
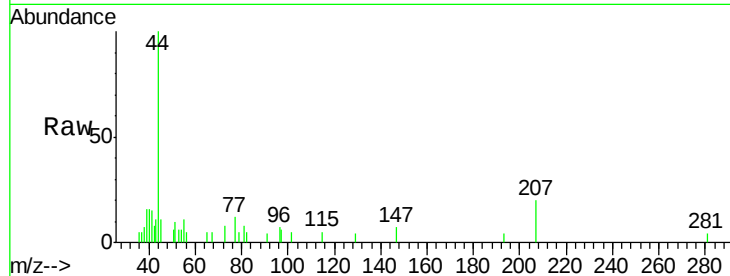


#7

Trichlorofluoromethane
 Concen: Below Cal
 RT: 3.00 min Scan# 391
 Delta R.T. 0.01 min
 Lab File: VN063273.D
 Acq: 9 Sep 2020 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBL01

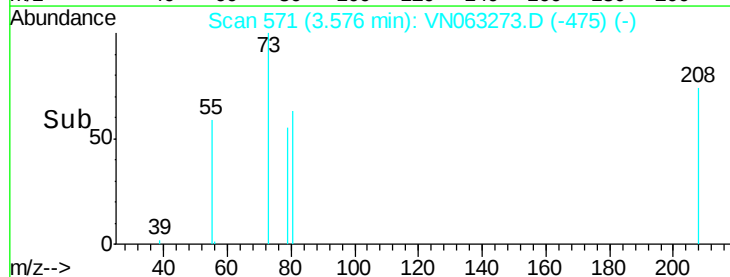
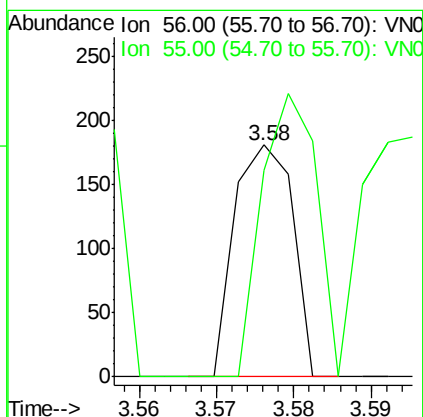
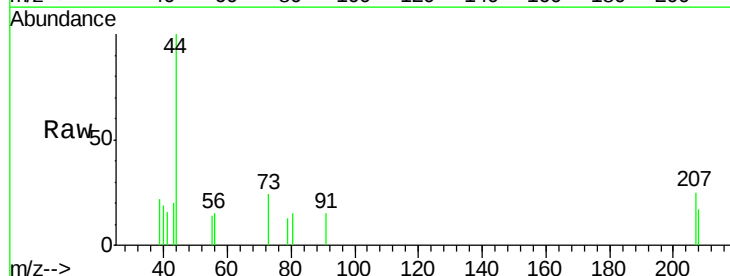
Tgt Ion: 101 Resp: 33
 Ion Ratio Lower Upper
 101 100
 103 0.0 49.7 74.5#

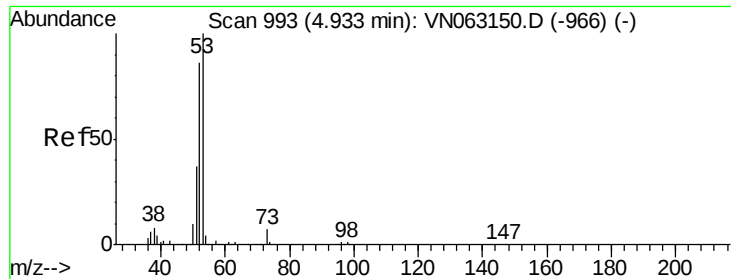


#13

Acrolein
 Concen: 16.065 ug/l
 RT: 3.58 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VN063273.D
 Acq: 9 Sep 2020 11:12

Tgt Ion: 56 Resp: 95
 Ion Ratio Lower Upper
 56 100
 55 114.7 55.4 83.0#

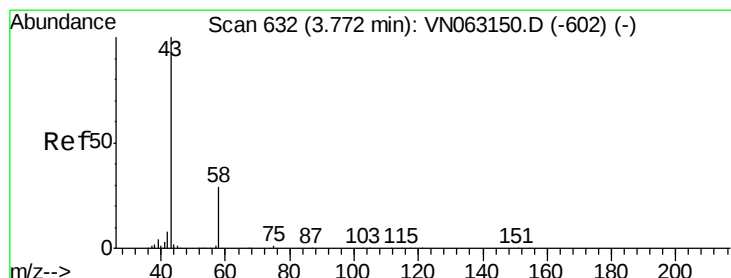
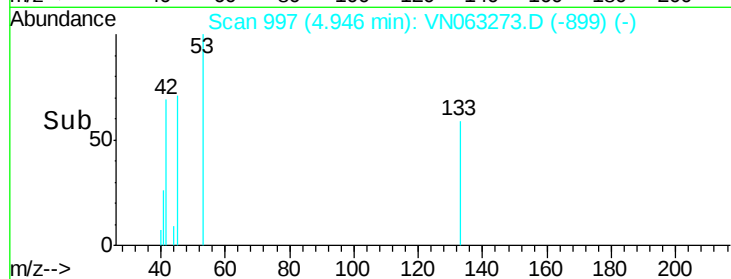
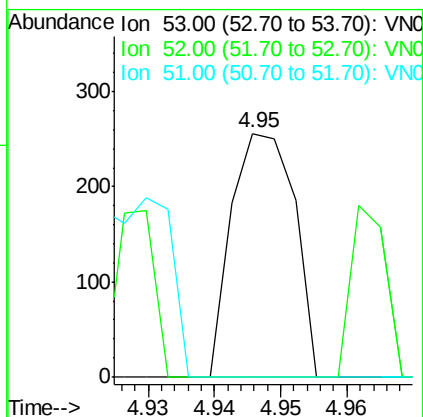
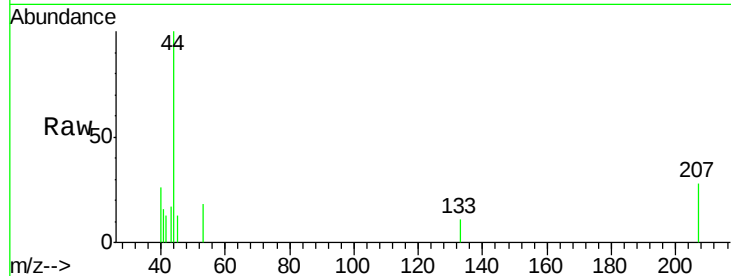




#15
 Acrylonitrile
 Concen: 2.480 ug/l
 RT: 4.95 min Scan# 997
 Delta R.T. 0.01 min
 Lab File: VN063273.D
 Acq: 9 Sep 2020 11:12

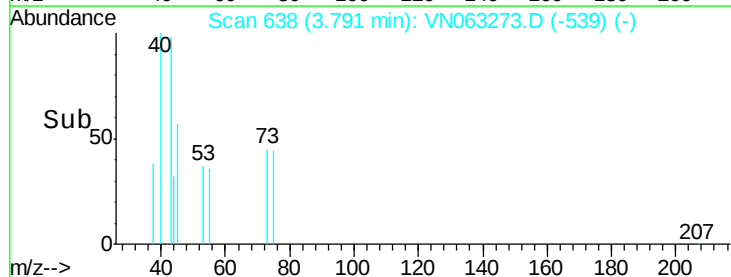
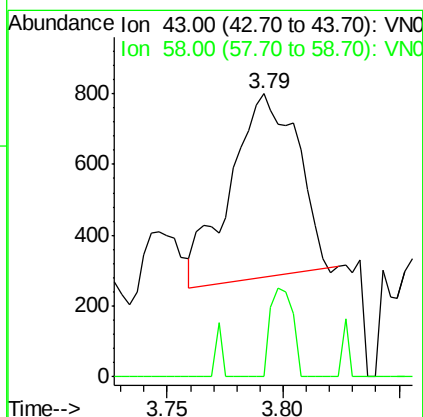
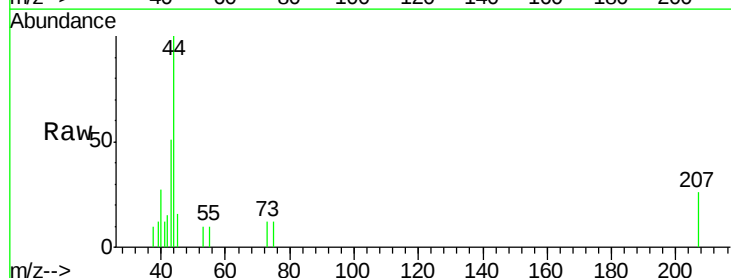
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBL01

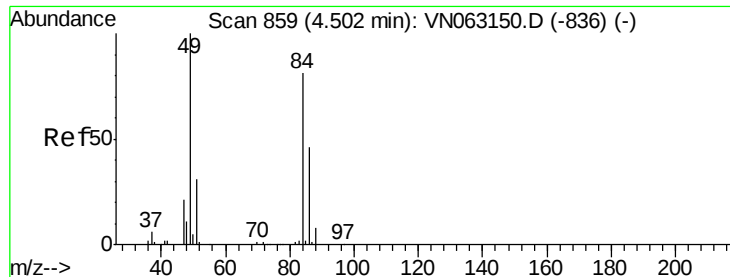
Tgt Ion: 53 Resp: 169
 Ion Ratio Lower Upper
 53 100
 52 38.5 67.2 100.8#
 51 0.0 30.2 45.4#



#16
 Acetone
 Concen: 0.572 ug/l
 RT: 3.79 min Scan# 638
 Delta R.T. 0.02 min
 Lab File: VN063273.D
 Acq: 9 Sep 2020 11:12

Tgt Ion: 43 Resp: 1046
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.1 34.7#

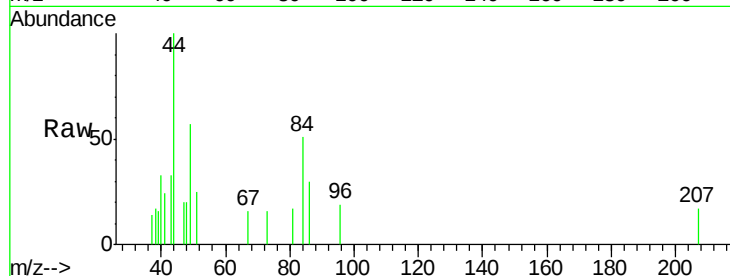




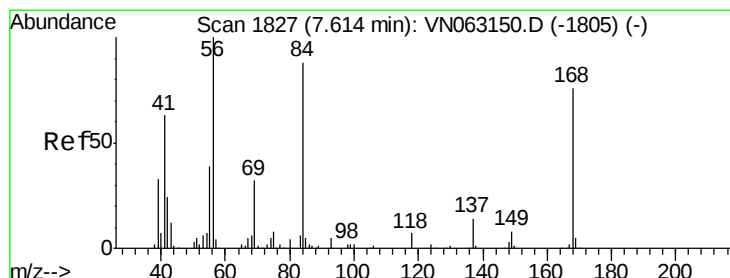
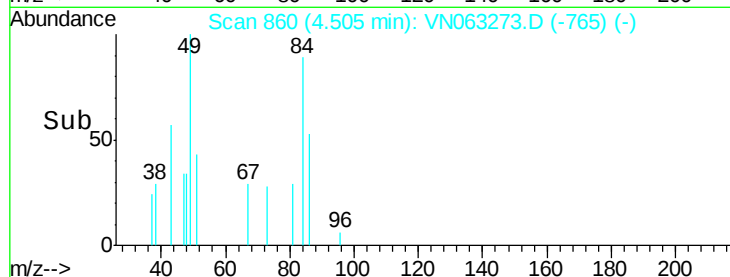
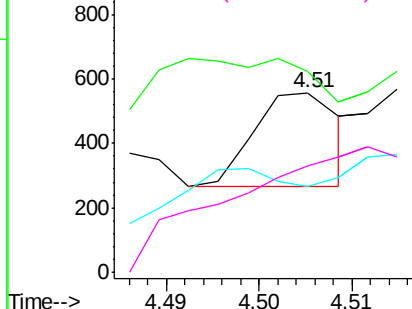
#20
Methylene Chloride
Concen: Below Cal
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063273.D
Acq: 9 Sep 2020 11:12

Instrument :
MSVOA_N
ClientSampled :
VN0909WBL01

Tgt Ion:	84	Resp:	186
Ion	Ratio	Lower	Upper
84	100		
49	32.4	98.4	147.6#
51	4.8	30.4	45.6#
86	47.1	45.7	68.5

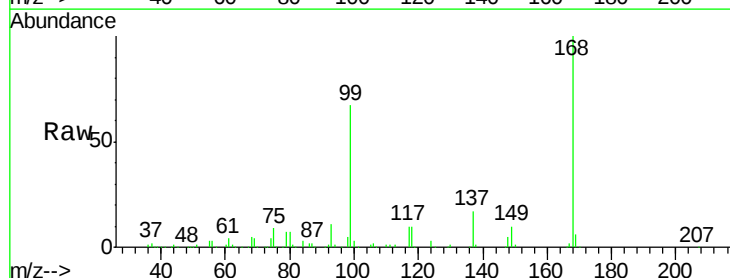


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

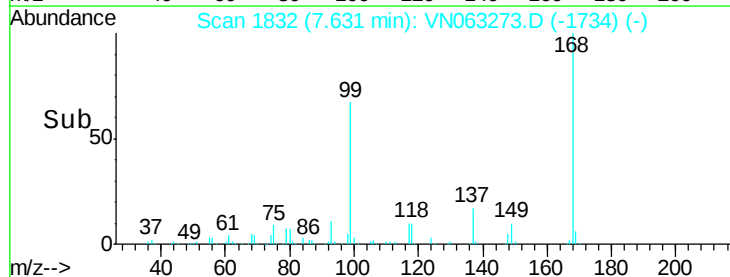
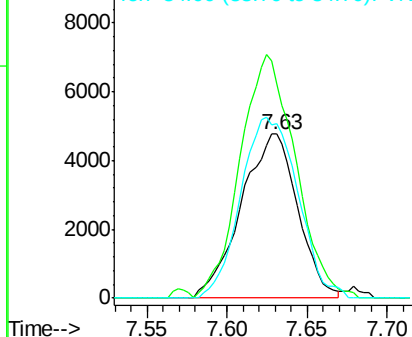


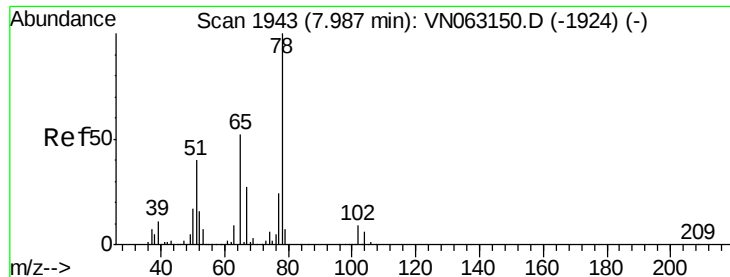
#31
Cyclohexane
Concen: Below Cal
RT: 7.63 min Scan# 1832
Delta R.T. 0.02 min
Lab File: VN063273.D
Acq: 9 Sep 2020 11:12

Tgt Ion:	56	Resp:	11583
Ion	Ratio	Lower	Upper
56	100		
69	127.0	25.4	38.0#
84	106.0	70.2	105.4#



Abundance Ion 56.00 (55.70 to 56.70): VNC
Ion 69.00 (68.70 to 69.70): VNC
Ion 84.00 (83.70 to 84.70): VNC





#33

1,2-Dichloroethane-d4

Concen: 49.145 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063273.D

Acq: 9 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

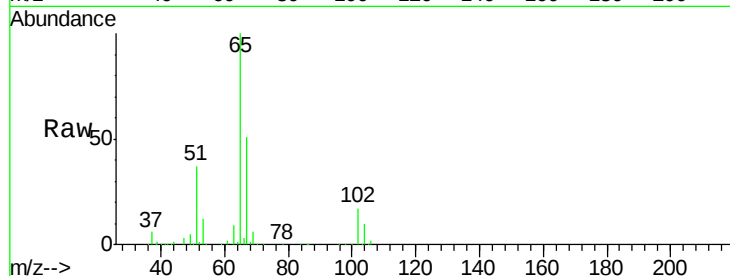
VN0909WBL01

Tgt Ion: 65 Resp: 315996

Ion Ratio Lower Upper

65 100

67 50.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063273.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063273.D (-1850) (-)

7.99

150000

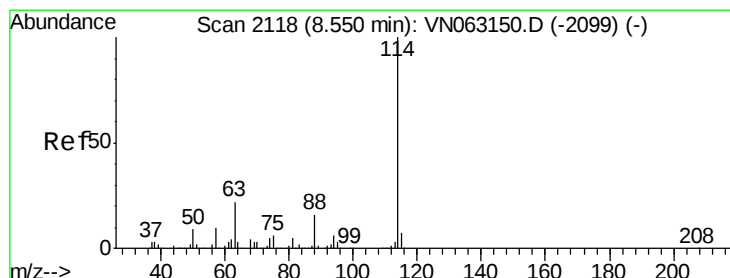
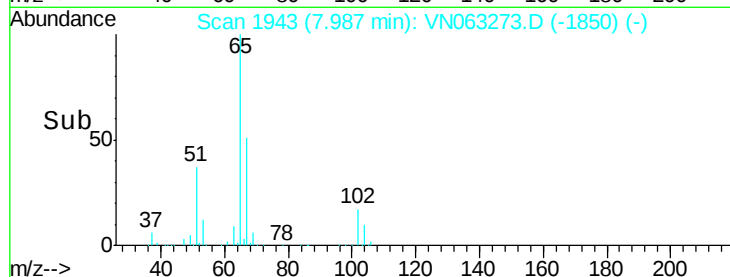
100000

50000

0

Time-->

7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063273.D

Acq: 9 Sep 2020 11:12

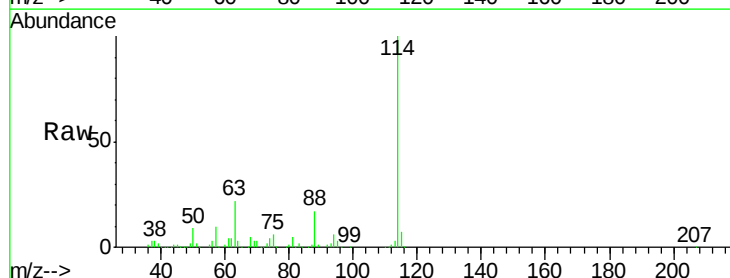
Tgt Ion: 114 Resp: 742158

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.0

88 16.7 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063273.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063273.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063273.D (-2025) (-)

8.55

400000

300000

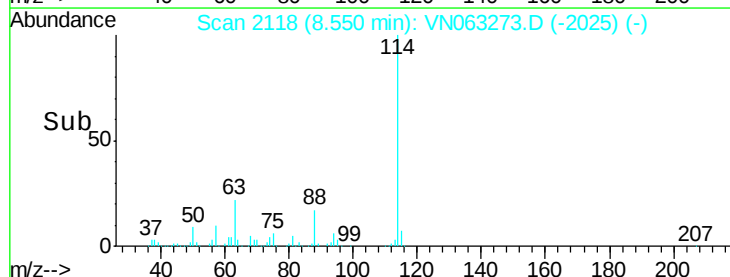
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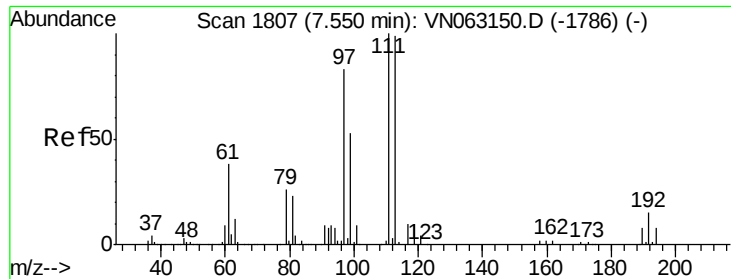
100000

0

Time-->

8.50 8.60 8.70

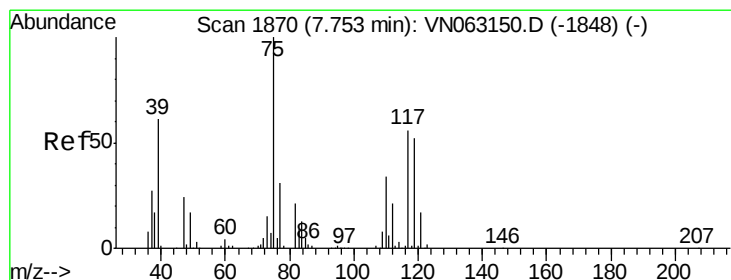
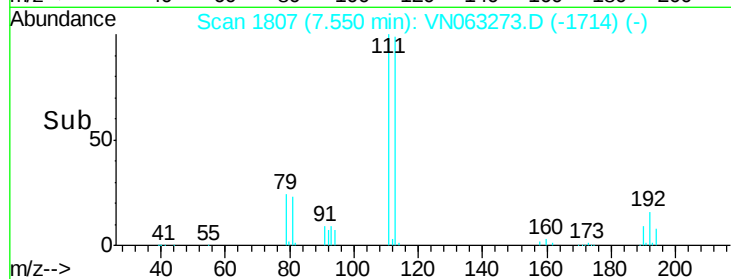
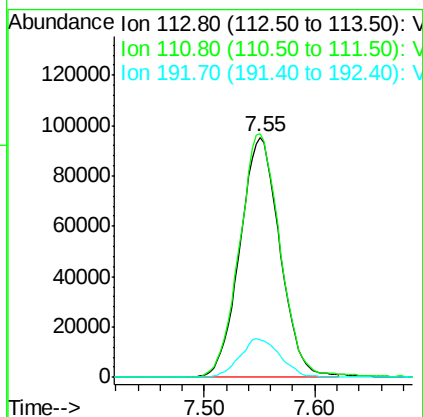
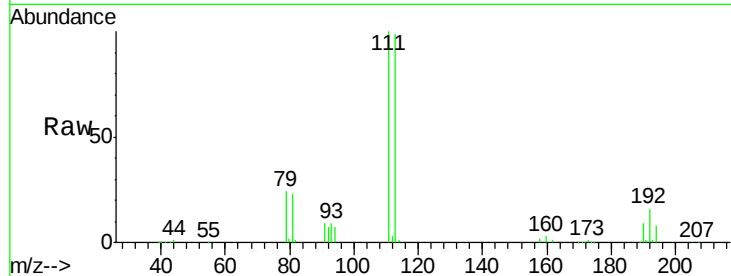




#35
 Dibromofluoromethane
 Concen: 50.199 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063273.D
 Acq: 9 Sep 2020 11:12

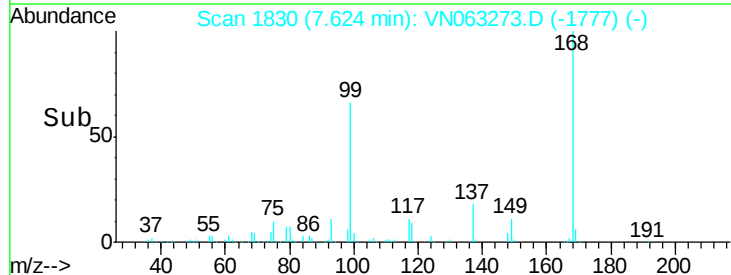
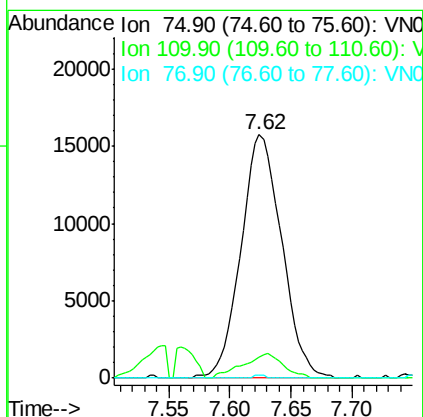
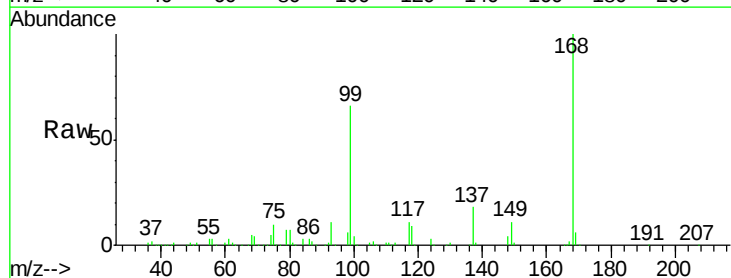
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0909WBL01

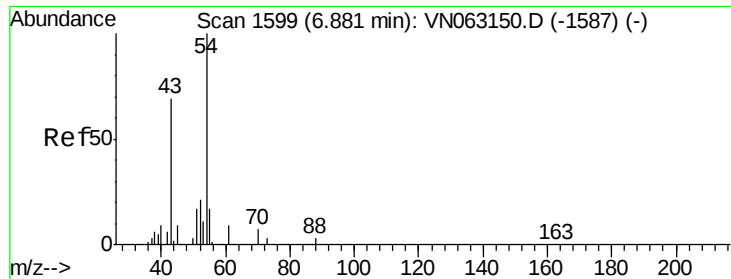
Tgt Ion:113 Resp: 239014
 Ion Ratio Lower Upper
 113 100
 111 103.6 80.7 121.1
 192 16.3 12.6 19.0



#36
 1,1-Dichloropropene
 Concen: 5.098 ug/l
 RT: 7.62 min Scan# 1830
 Delta R.T. -0.13 min
 Lab File: VN063273.D
 Acq: 9 Sep 2020 11:12

Tgt Ion: 75 Resp: 36372
 Ion Ratio Lower Upper
 75 100
 110 10.0 16.6 49.8#
 77 0.3 25.4 38.2#

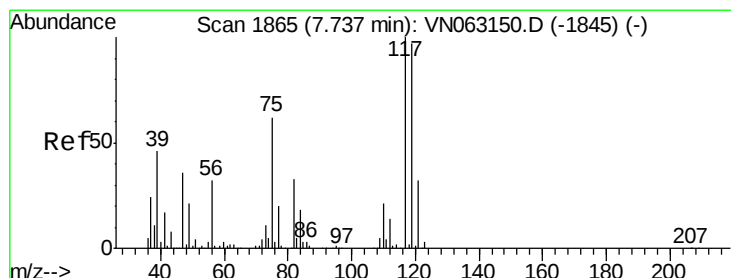
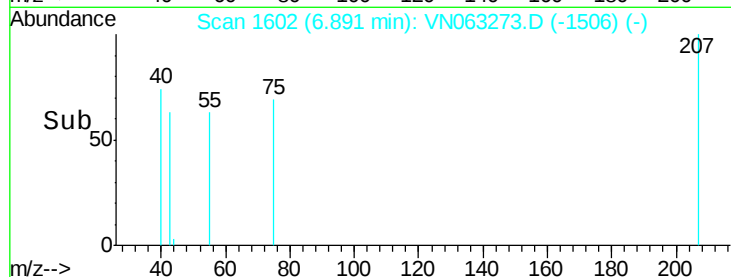
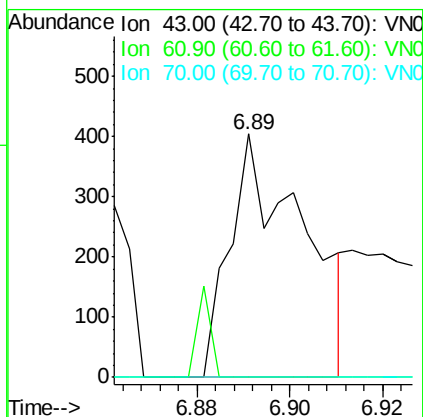
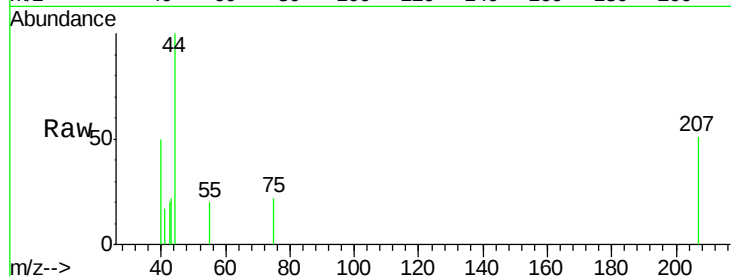




#37
Ethyl Acetate
Concen: 0.445 ug/l
RT: 6.89 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VN063273.D
Acq: 9 Sep 2020 11:12

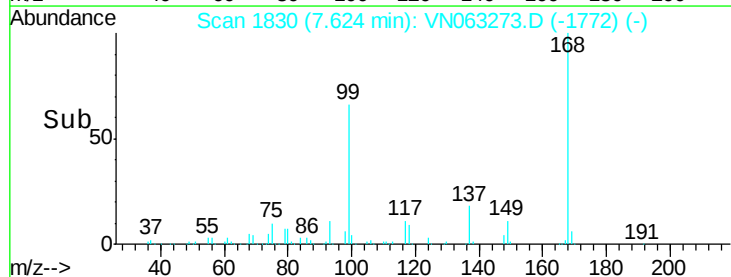
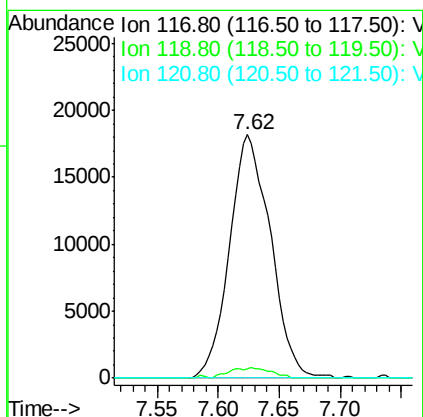
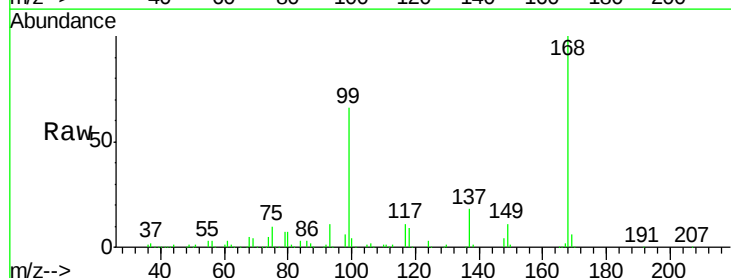
Instrument :
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ClientSampled :
VN0909WBL01

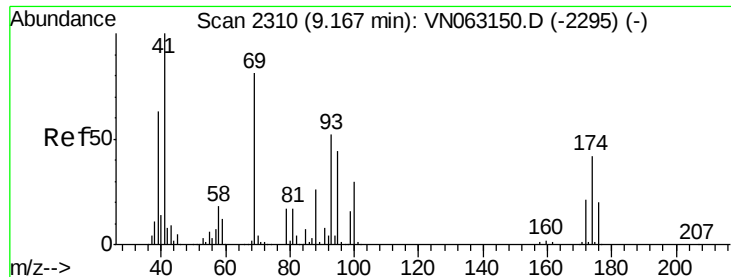
Tgt Ion: 43 Resp: 442
Ion Ratio Lower Upper
43 100
61 6.6 10.2 15.4#
70 0.0 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN063273.D
Acq: 9 Sep 2020 11:12

Tgt Ion: 117 Resp: 42396
Ion Ratio Lower Upper
117 100
119 3.9 77.2 115.8#
121 0.0 25.6 38.4#

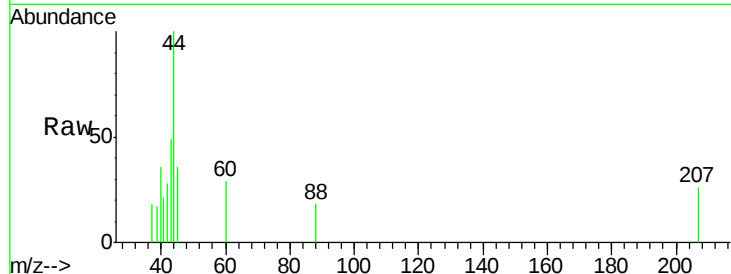




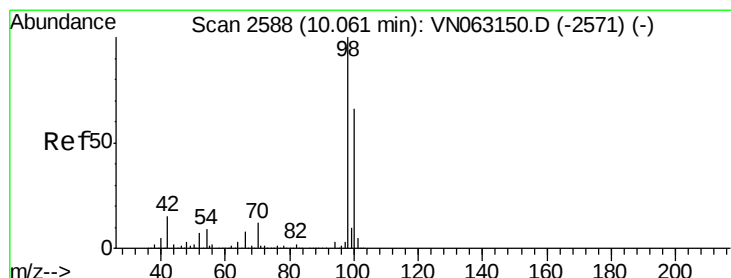
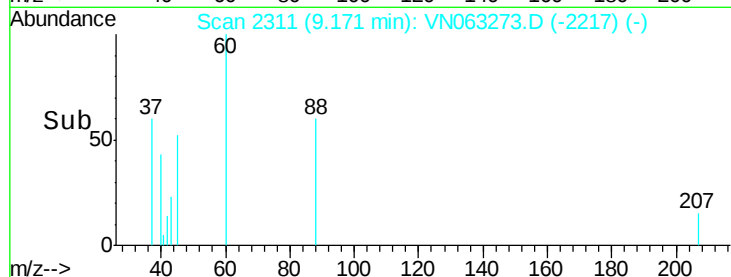
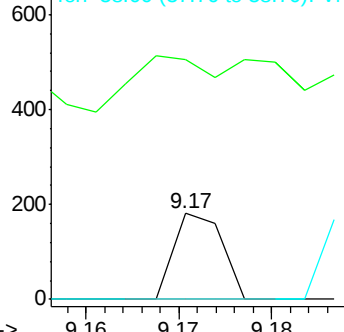
#49
1,4-Dioxane
Concen: 0.814 ug/l
RT: 9.17 min Scan# 2311
Delta R.T. 0.00 min
Lab File: VN063273.D
Acq: 9 Sep 2020 11:12

Instrument :
MSVOA_N
ClientSampleId :
VN0909WBL01

Tgt Ion: 88 Resp: 66
Ion Ratio Lower Upper
88 100
43 104.5 28.6 42.8#
58 95.5 53.2 79.8#

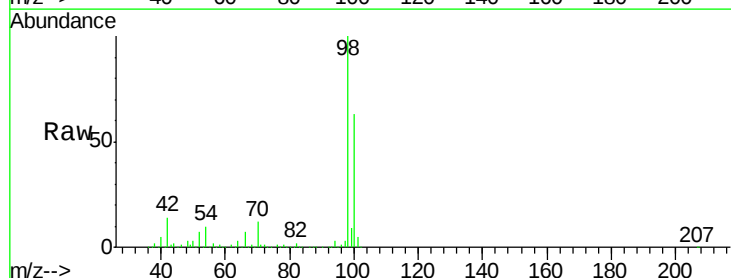


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

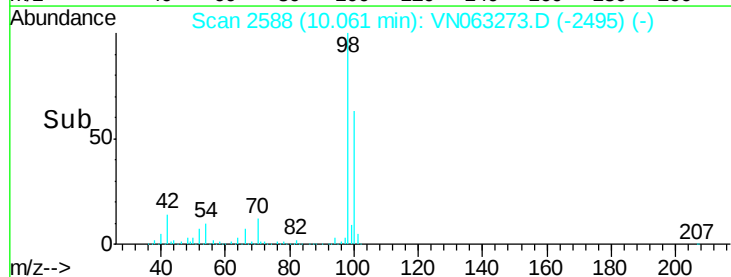
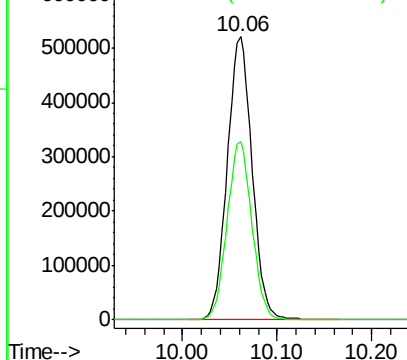


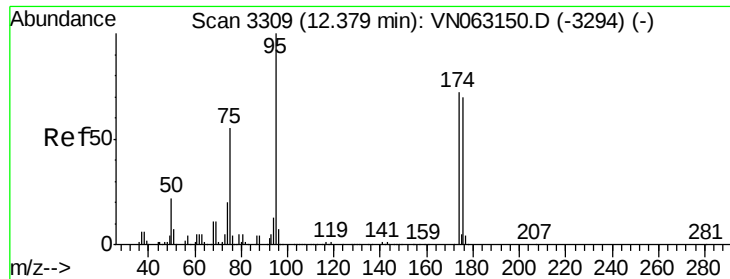
#50
Toluene-d8
Concen: 52.004 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063273.D
Acq: 9 Sep 2020 11:12

Tgt Ion: 98 Resp: 953037
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 55.546 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063273.D

Acq: 9 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampled :

VN0909WBL01

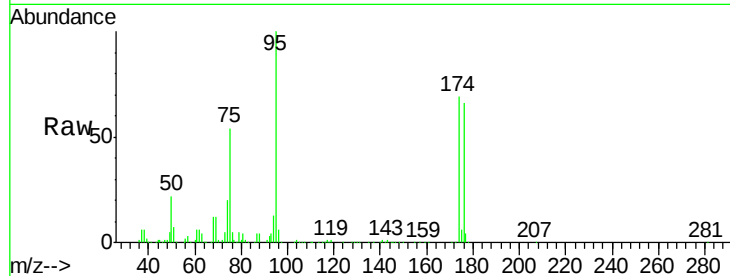
Tgt Ion: 95 Resp: 356088

Ion Ratio Lower Upper

95 100

174 68.9 0.0 143.8

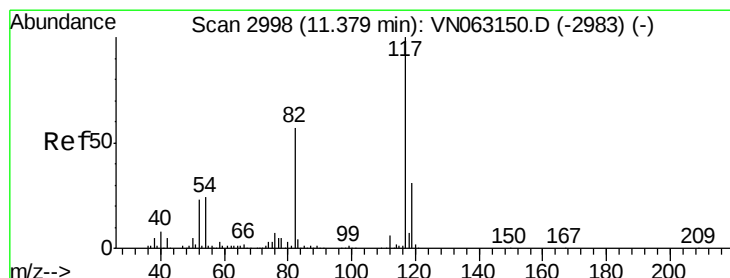
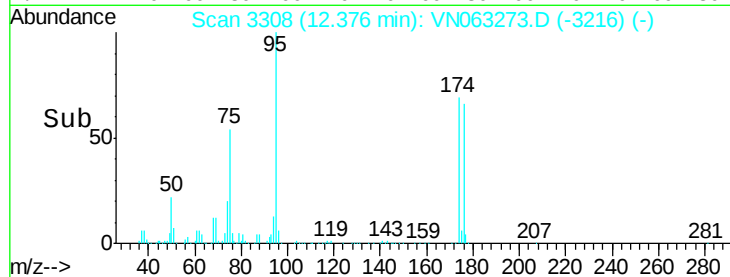
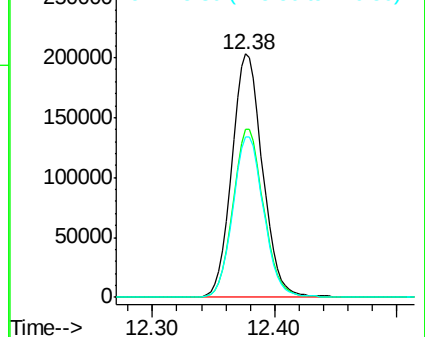
176 66.5 0.0 138.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063273.D

Acq: 9 Sep 2020 11:12

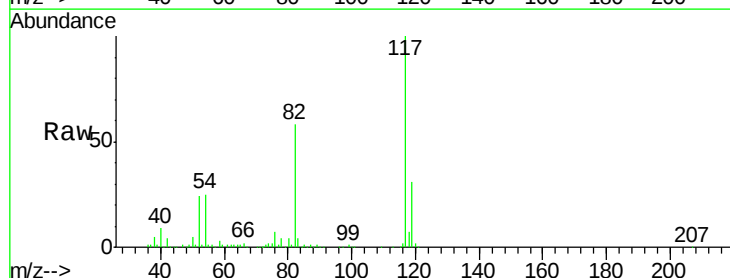
Tgt Ion: 117 Resp: 720451

Ion Ratio Lower Upper

117 100

82 58.4 45.4 68.0

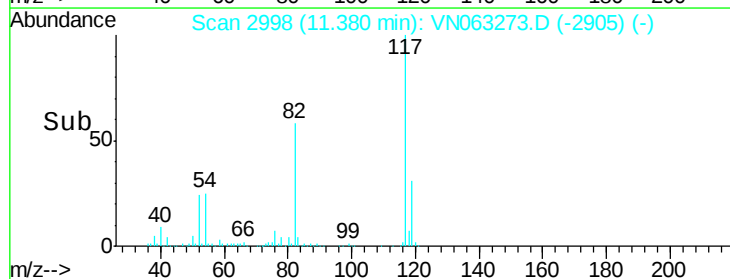
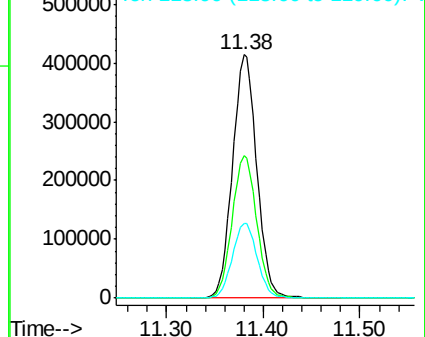
119 30.8 24.6 37.0

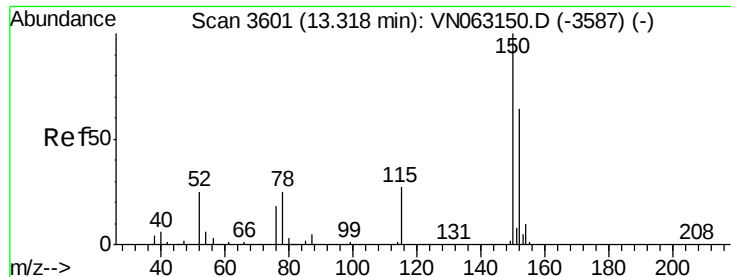


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN063273.D

Acq: 9 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBL01

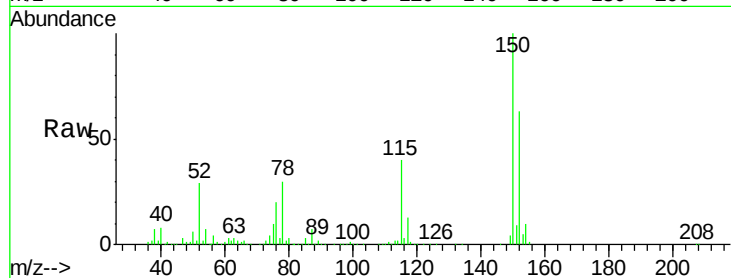
Tgt Ion:152 Resp: 293268

Ion Ratio Lower Upper

152 100

115 63.2 32.0 96.2

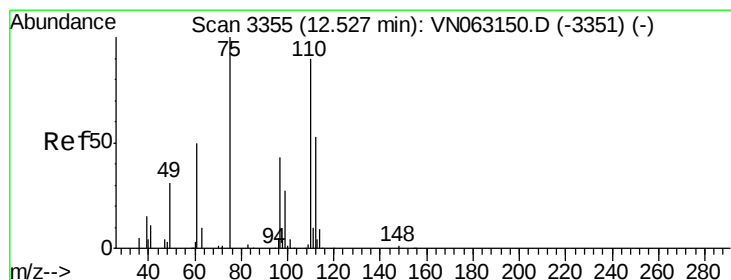
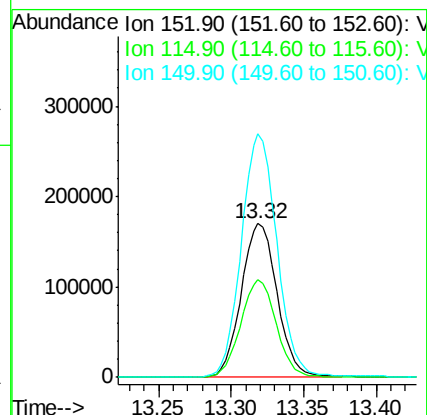
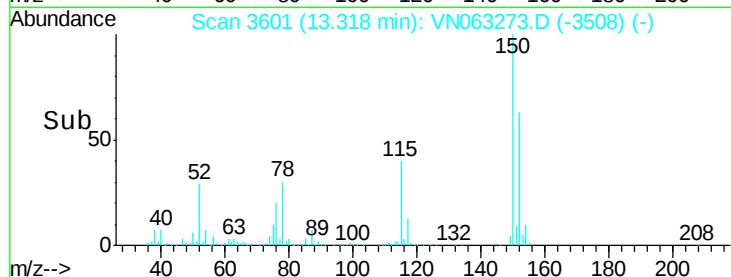
150 158.2 0.0 353.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 33.331 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.15 min

Lab File: VN063273.D

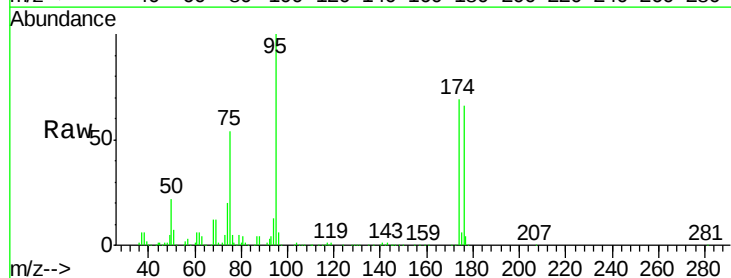
Acq: 9 Sep 2020 11:12

Tgt Ion: 75 Resp: 192058

Ion Ratio Lower Upper

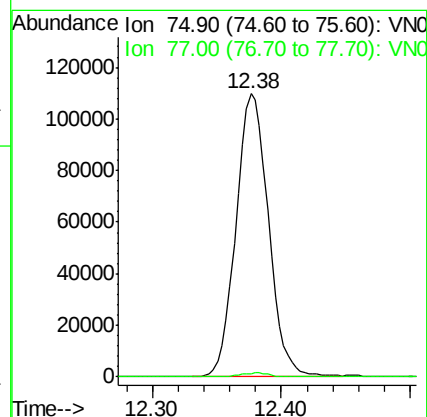
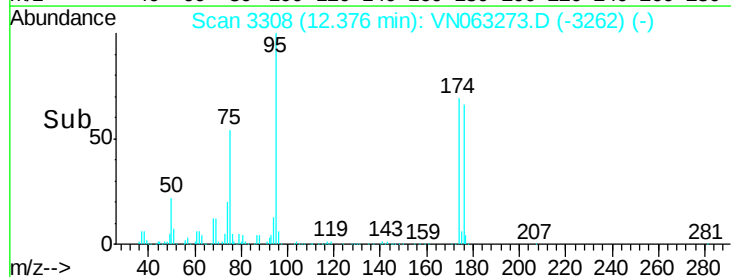
75 100

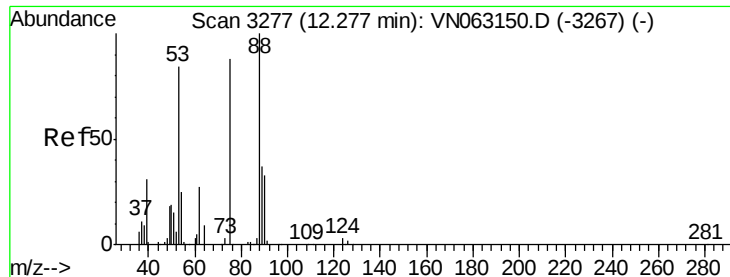
77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 80.561 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063273.D

Acq: 9 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VN0909WBL01

Tgt Ion: 75 Resp: 192058

Ion Ratio Lower Upper

75 100

53 0.0 78.7 118.1#

89 0.0 35.3 52.9#

