

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012720\
 Data File : VN059864.D
 Acq On : 27 Jan 2020 11:38
 Operator : JC/MD
 Sample : VN0127WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBL01

Quant Time: Jan 27 14:28:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204509	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	309233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	263990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	102032	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	108845	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
35) Dibromofluoromethane	7.56	113	93875	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.08	98	359821	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	113843	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	

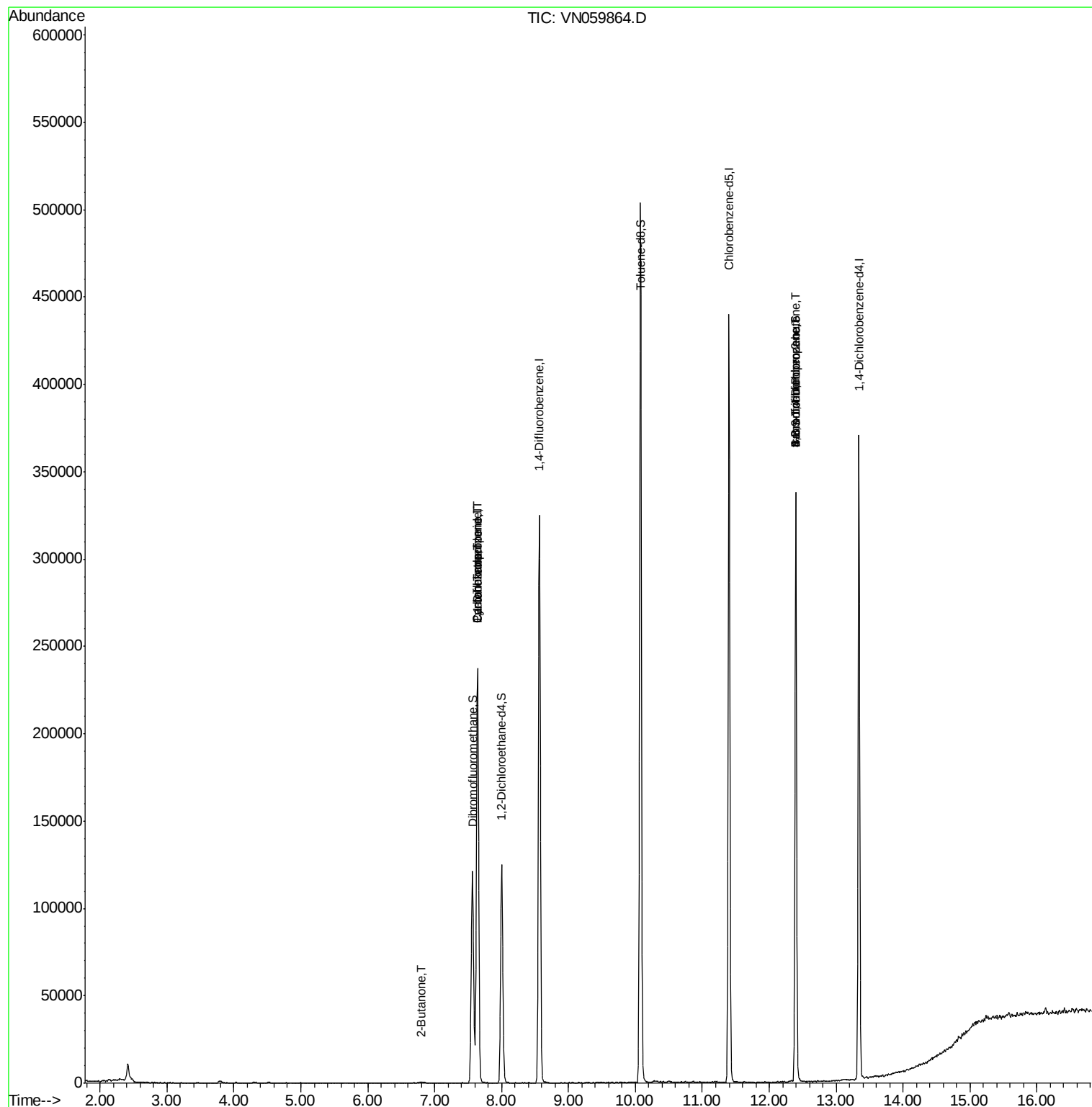
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.80	43	2336	Below Cal		97
20) Methylene Chloride	4.53	84	327	Below Cal	#	14
25) 2-Butanone	6.81	43	393	0.31	ug/l #	50
31) Cyclohexane	7.64	56	3649	1.09	ug/l #	1
36) 1,1-Dichloropropene	7.64	75	13698	5.09	ug/l #	49
38) Carbon Tetrachloride	7.64	117	18932	6.46	ug/l #	15
71) Bromoform	12.40	173	460	0.29	ug/l #	1
76) 1,2,3-Trichloropropane	12.40	75	57904	33.72	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.40	75	57904	72.42	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	14.39	75	63	Below Cal	#	6

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

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Sample : VN0127WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

Quant Time: Jan 27 14:28:28 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
Quant Title : SW846 8260
QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059864.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

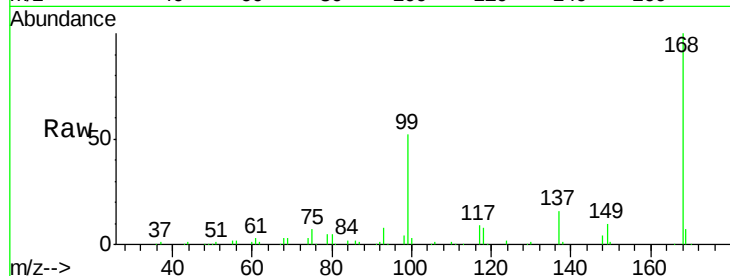
VN0127WBL01

Tgt Ion:168 Resp: 204509

Ion Ratio Lower Upper

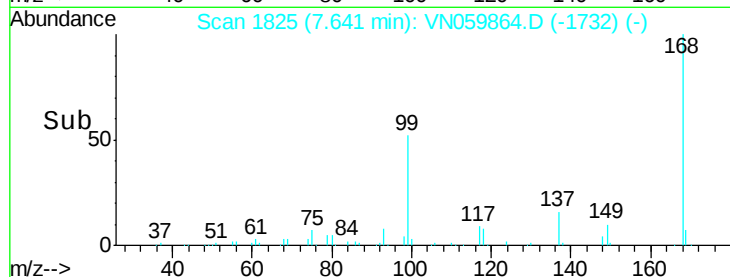
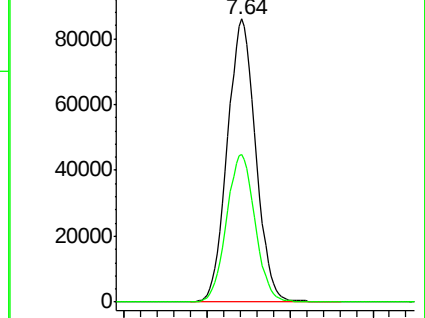
168 100

99 52.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: Below Cal

RT: 3.80 min Scan# 629

Delta R.T. 0.02 min

Lab File: VN059864.D

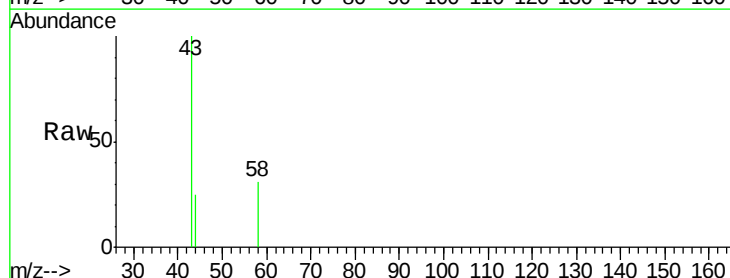
Acq: 27 Jan 2020 11:38

Tgt Ion: 43 Resp: 2336

Ion Ratio Lower Upper

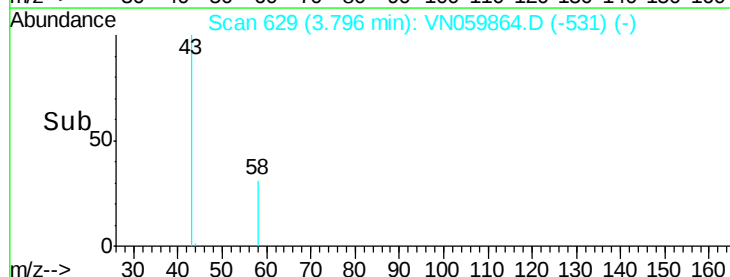
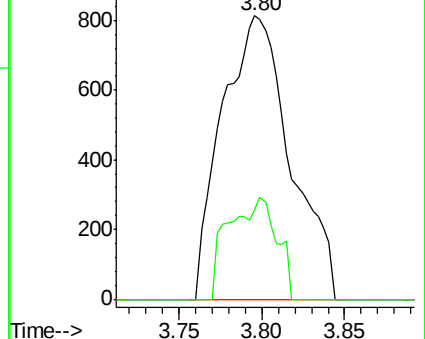
43 100

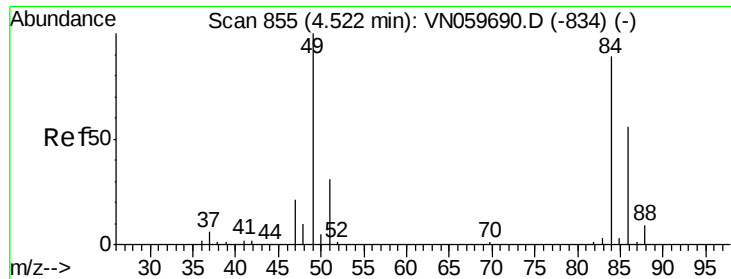
58 31.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

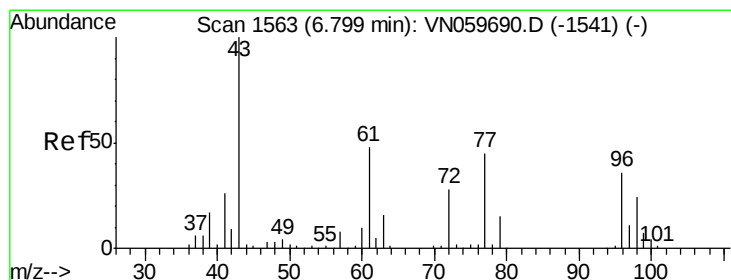
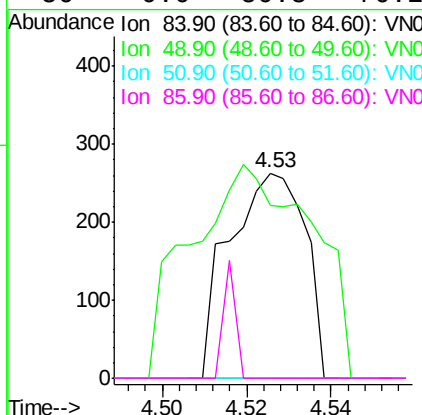
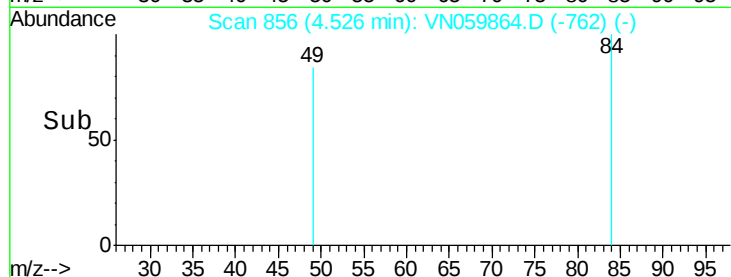
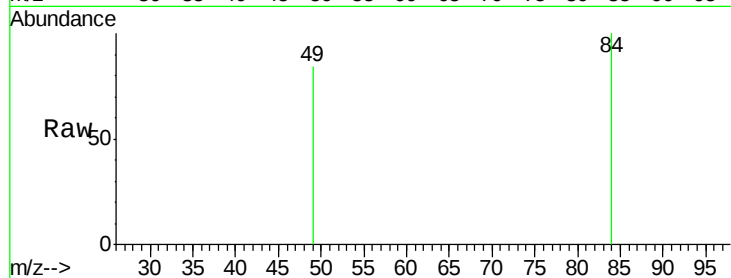




#20
Methylene Chloride
Concen: Below Cal
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

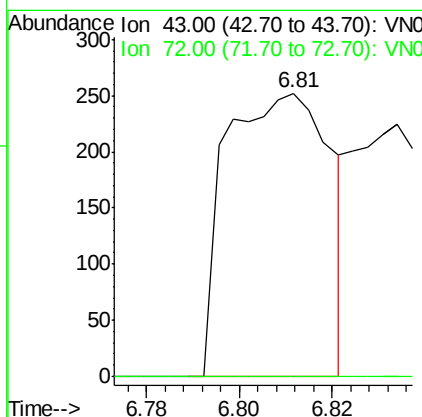
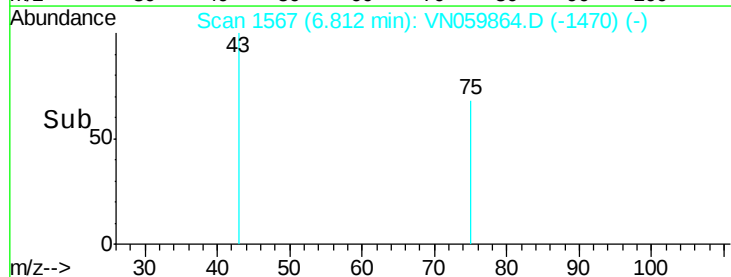
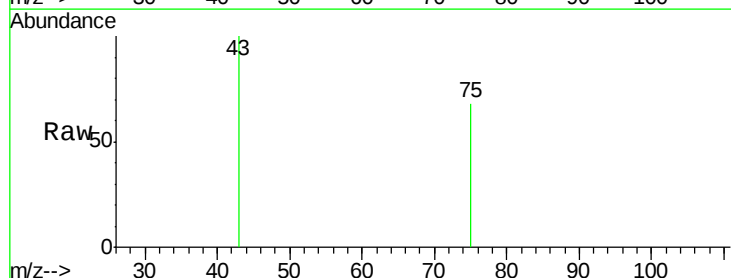
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

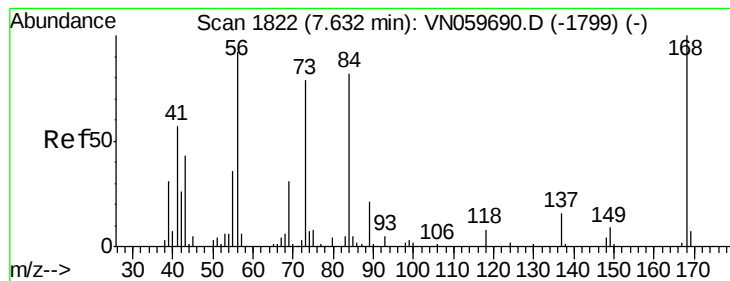
Tgt Ion: 84 Resp: 327
Ion Ratio Lower Upper
84 100
49 21.7 106.6 160.0#
51 0.0 31.9 47.9#
86 0.0 50.8 76.2#



#25
2-Butanone
Concen: 0.31 ug/l
RT: 6.81 min Scan# 1567
Delta R.T. 0.01 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 43 Resp: 393
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#





#31

Cyclohexane

Concen: 1.09 ug/l

RT: 7.64 min Scan# 1824

Delta R.T. 0.01 min

Lab File: VN059864.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBL01

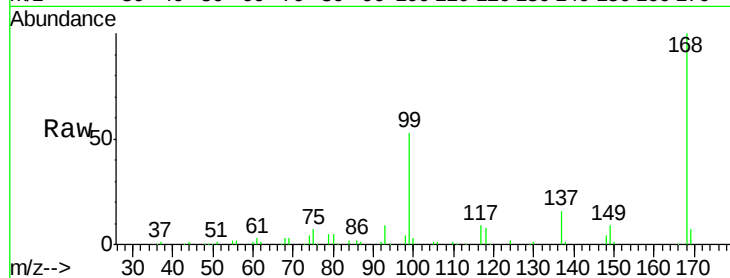
Tgt Ion: 56 Resp: 3649

Ion Ratio Lower Upper

56 100

69 177.8 26.5 39.7#

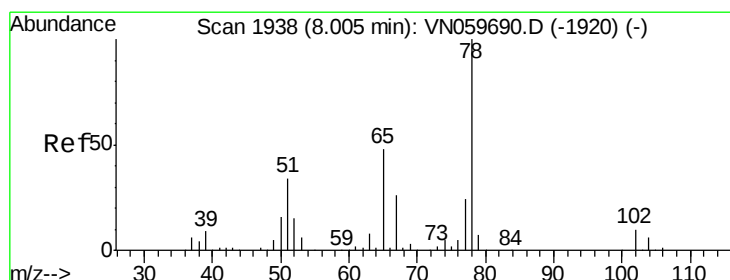
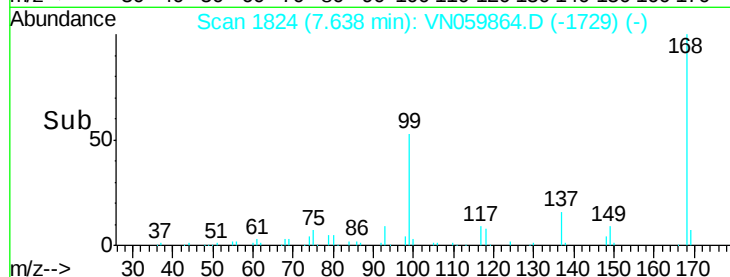
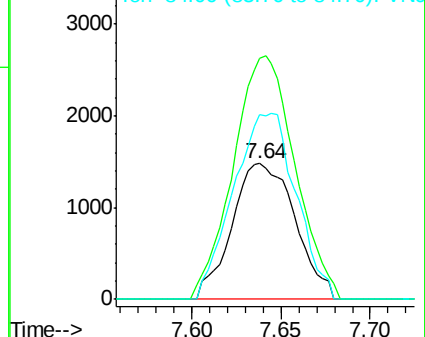
84 135.7 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.93 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059864.D

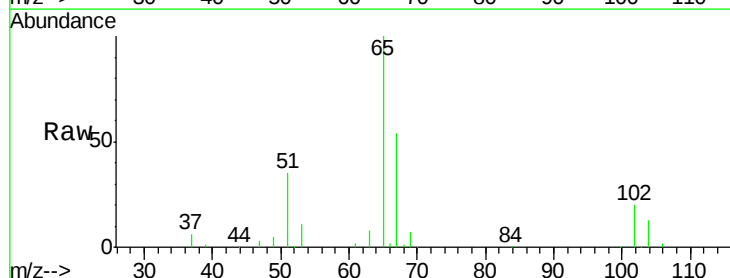
Acq: 27 Jan 2020 11:38

Tgt Ion: 65 Resp: 108845

Ion Ratio Lower Upper

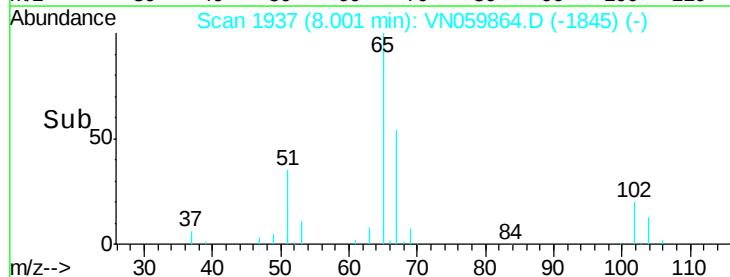
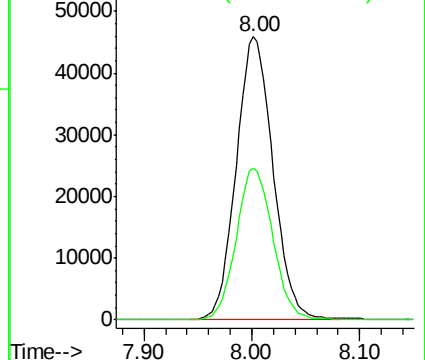
65 100

67 53.0 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

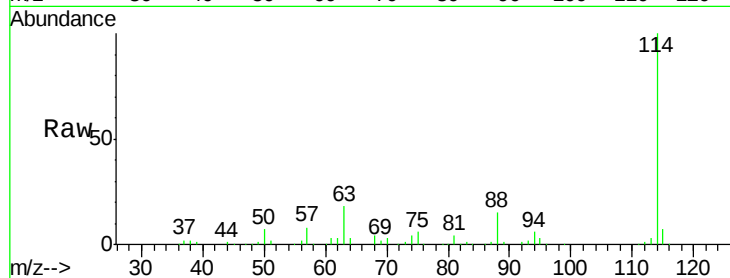




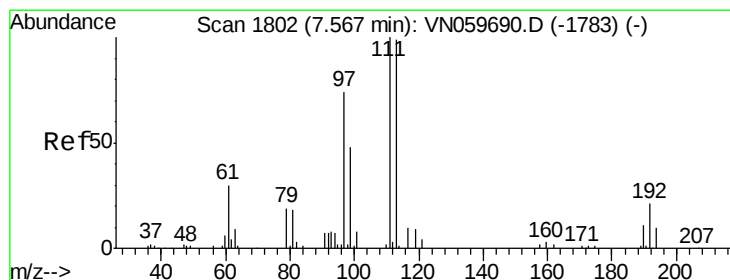
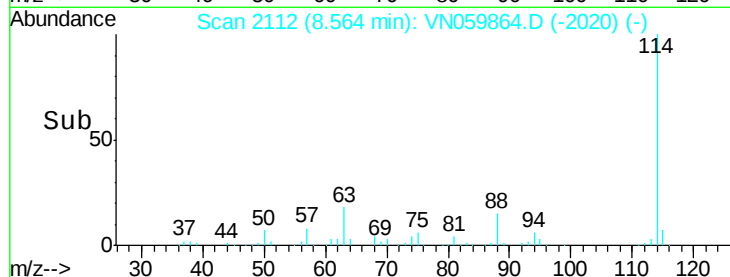
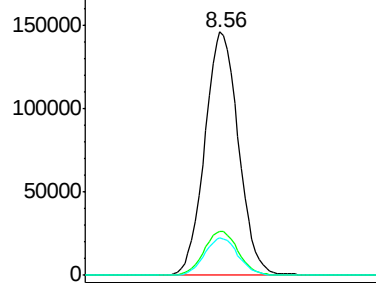
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.56 min Scan# 2112
Delta R.T. -0.00 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

Tgt Ion:114 Resp: 309233
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.6
88 15.3 0.0 31.4

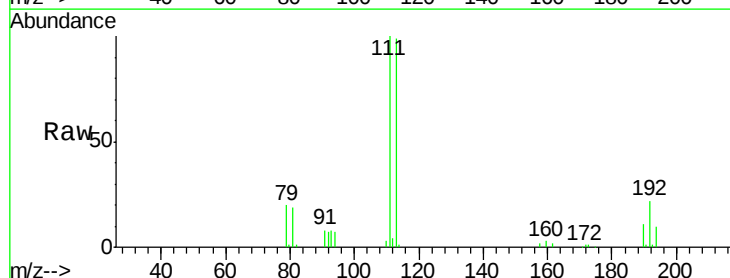


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

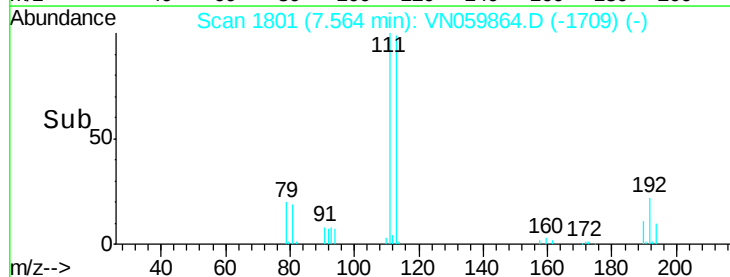
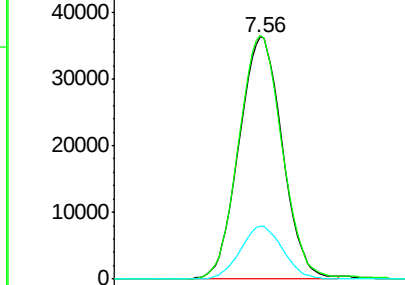


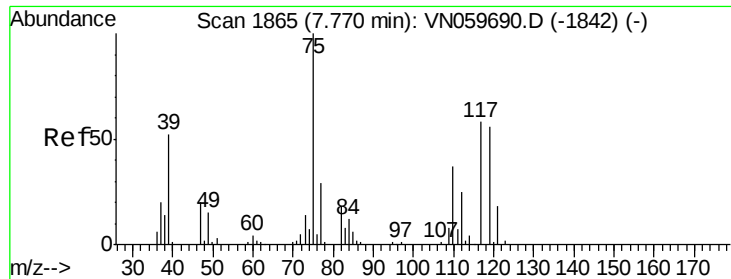
#35
Dibromofluoromethane
Concen: 50.91 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

Tgt Ion:113 Resp: 93875
Ion Ratio Lower Upper
113 100
111 101.8 83.5 125.3
192 21.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

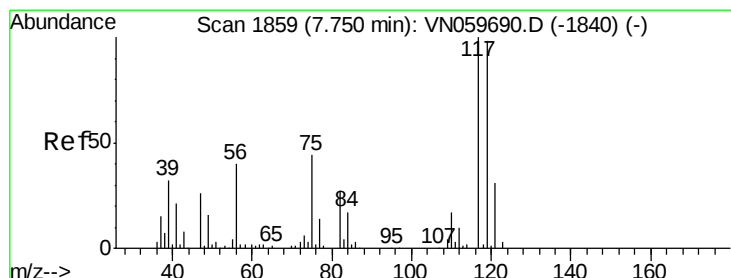
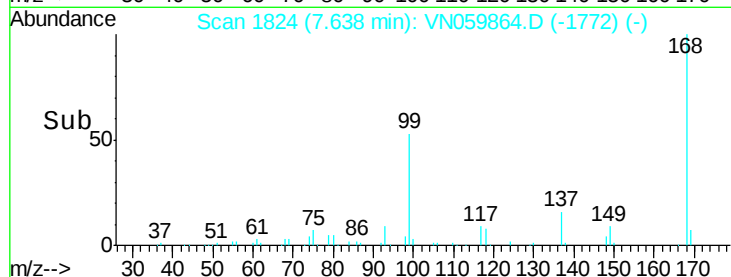
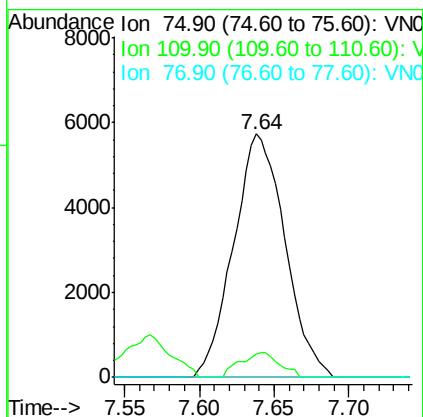
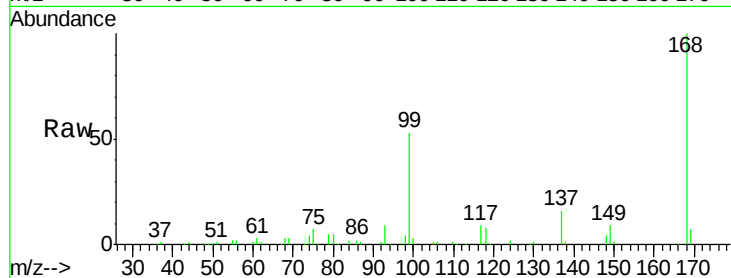




#36
 1,1-Dichloropropene
 Concen: 5.09 ug/l
 RT: 7.64 min Scan# 1824
 Delta R.T. -0.13 min
 Lab File: VN059864.D
 Acq: 27 Jan 2020 11:38

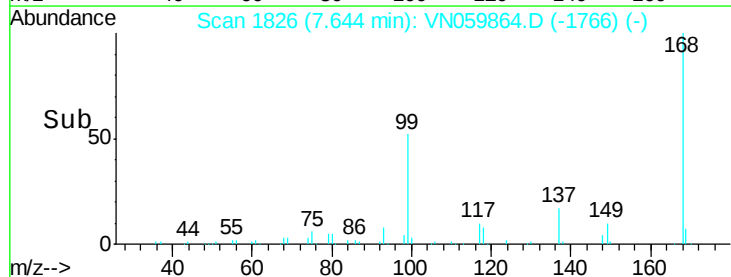
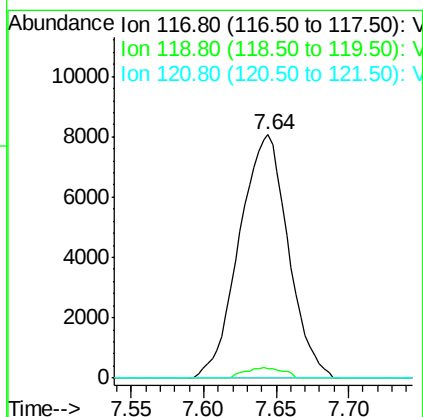
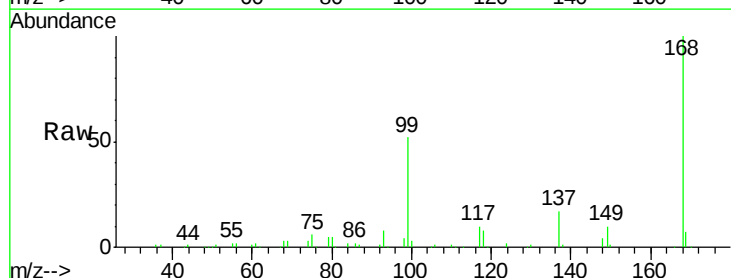
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBL01

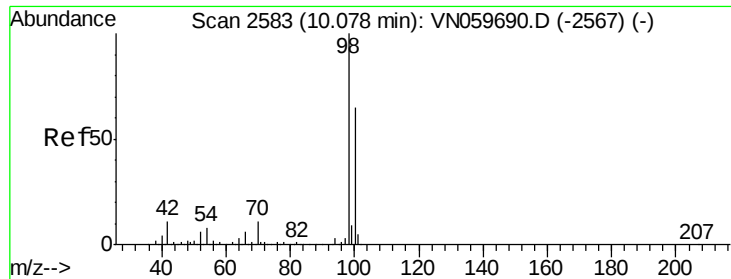
Tgt Ion: 75 Resp: 13698
 Ion Ratio Lower Upper
 75 100
 110 7.8 16.6 49.7#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 6.46 ug/l
 RT: 7.64 min Scan# 1826
 Delta R.T. -0.11 min
 Lab File: VN059864.D
 Acq: 27 Jan 2020 11:38

Tgt Ion: 117 Resp: 18932
 Ion Ratio Lower Upper
 117 100
 119 3.9 76.5 114.7#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 50.36 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059864.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

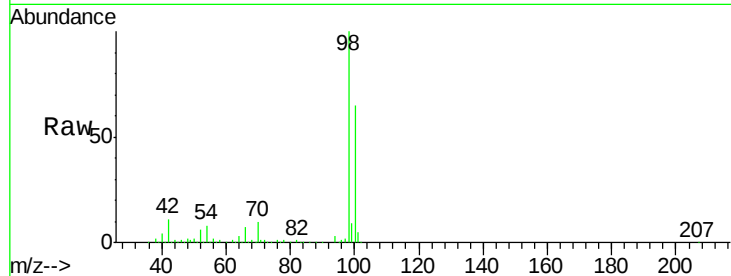
VN0127WBL01

Tgt Ion: 98 Resp: 359821

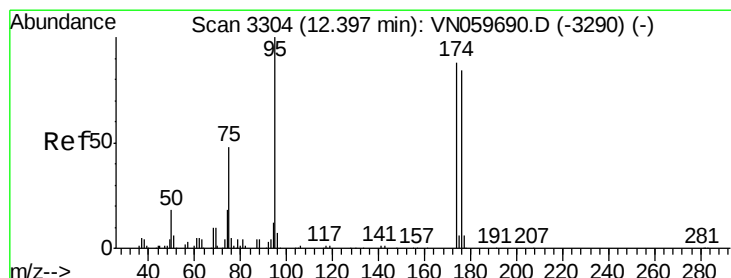
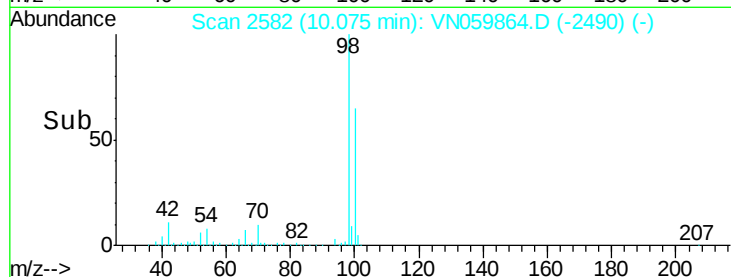
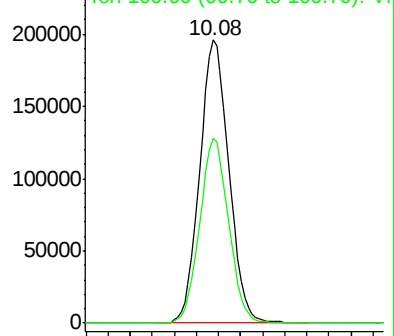
Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059690.D (-2567) (-)



#62

4-Bromofluorobenzene

Concen: 44.20 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059864.D

Acq: 27 Jan 2020 11:38

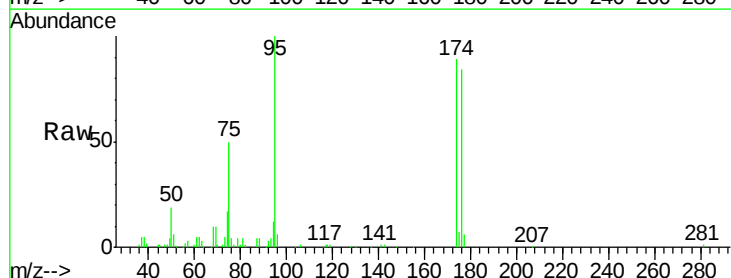
Tgt Ion: 95 Resp: 113843

Ion Ratio Lower Upper

95 100

174 89.1 0.0 151.4

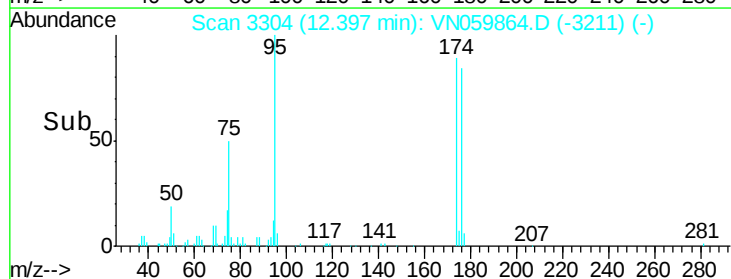
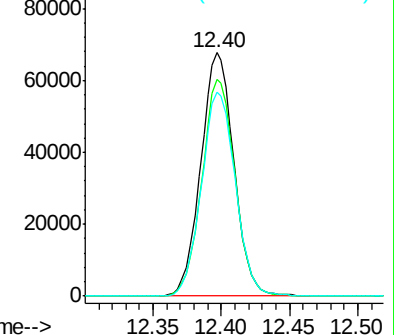
176 86.2 0.0 146.0

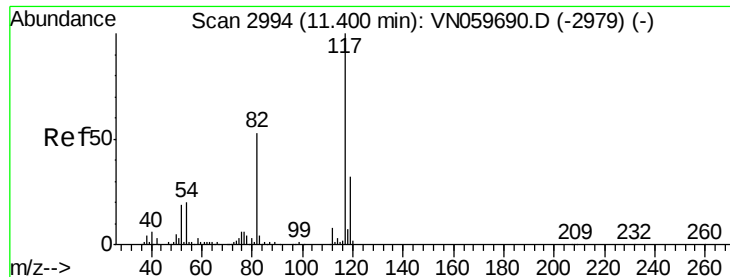


Abundance Ion 94.90 (94.60 to 95.60): VN059690.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059690.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059690.D (-3290) (-)

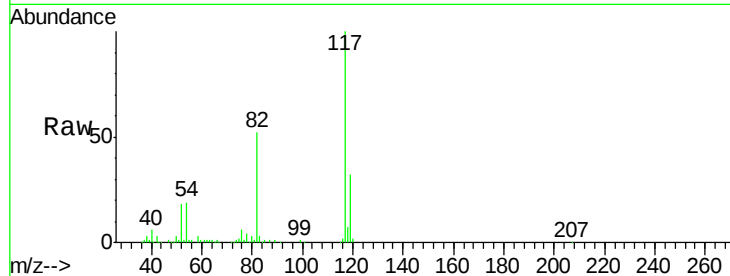




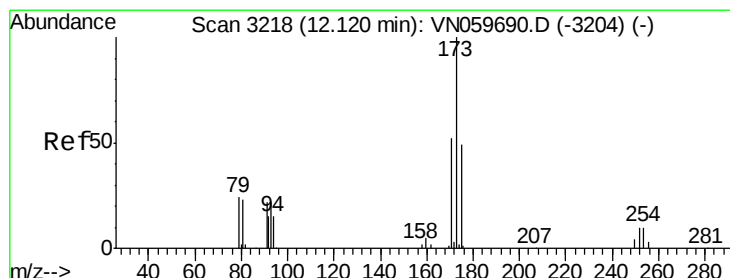
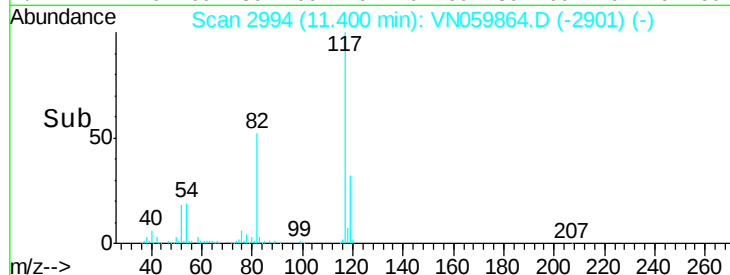
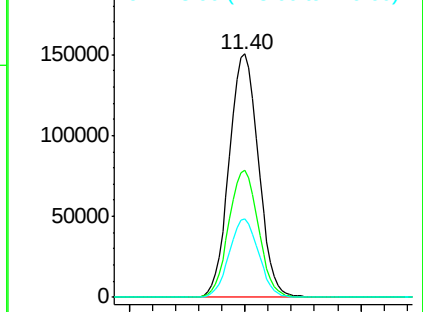
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBL01

Tgt Ion:117 Resp: 263990
Ion Ratio Lower Upper
117 100
82 52.3 45.9 68.9
119 32.3 25.5 38.3

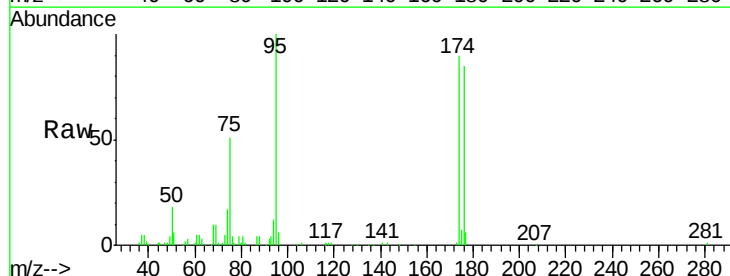


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

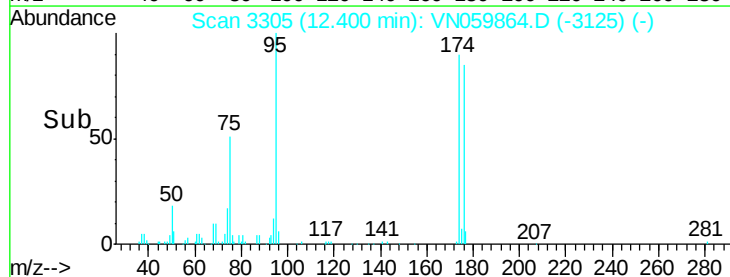
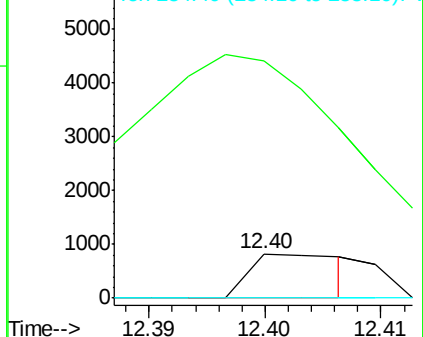


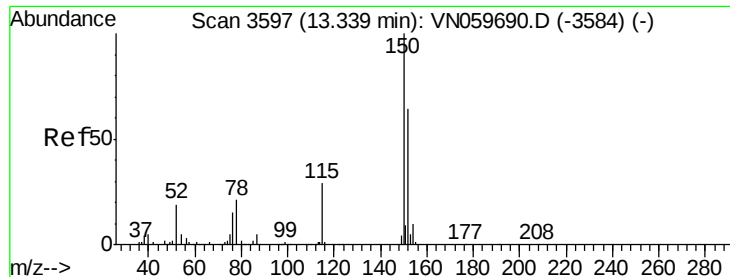
#71
Bromoform
Concen: 0.29 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.28 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

Tgt Ion:173 Resp: 460
Ion Ratio Lower Upper
173 100
175 1333.7 23.8 71.4#
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059864.D

Acq: 27 Jan 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBL01

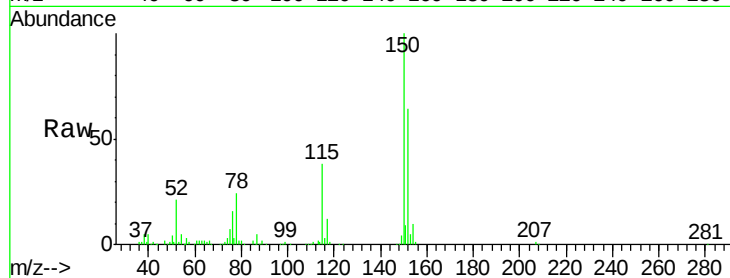
Tgt Ion:152 Resp: 102032

Ion Ratio Lower Upper

152 100

115 57.9 30.3 90.9

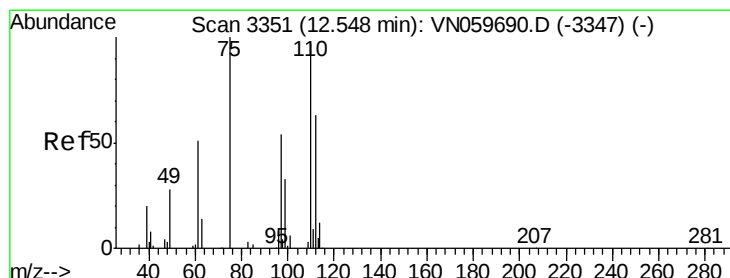
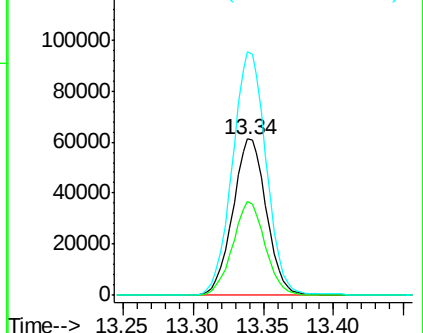
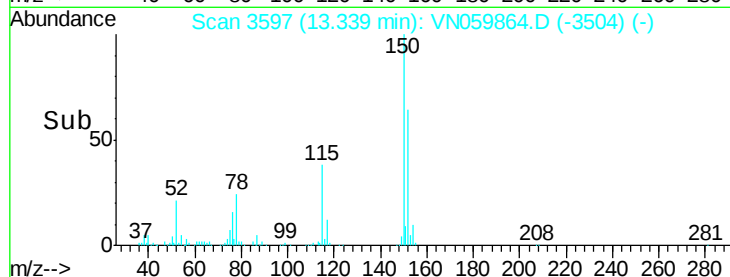
150 157.1 0.0 345.2



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: 33.72 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.15 min

Lab File: VN059864.D

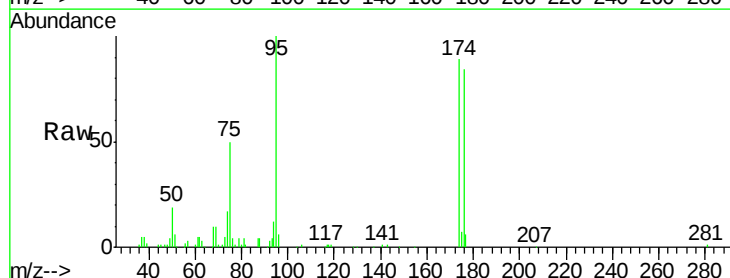
Acq: 27 Jan 2020 11:38

Tgt Ion: 75 Resp: 57904

Ion Ratio Lower Upper

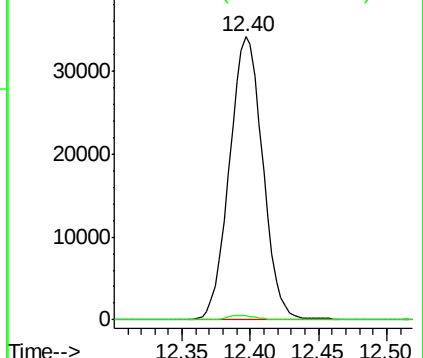
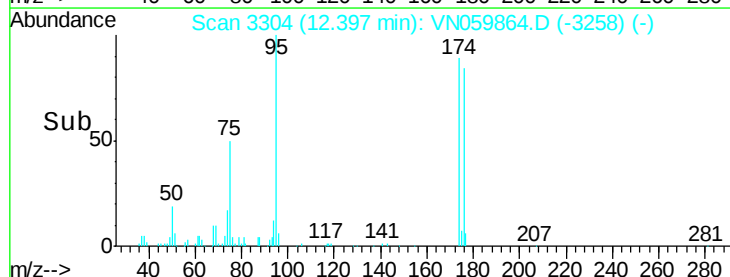
75 100

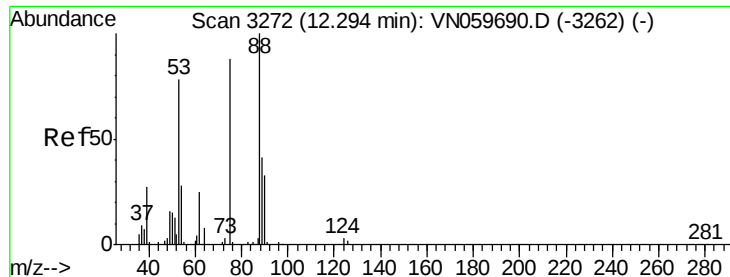
77 1.2 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): V

Ion 77.00 (76.70 to 77.70): V

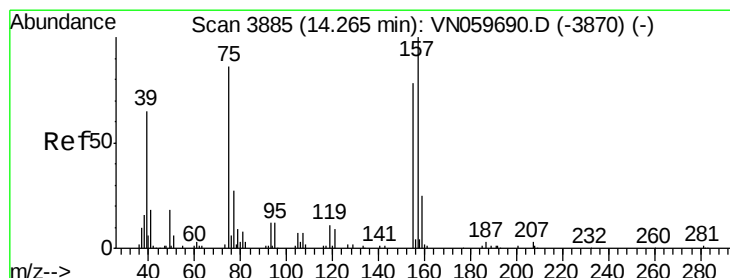
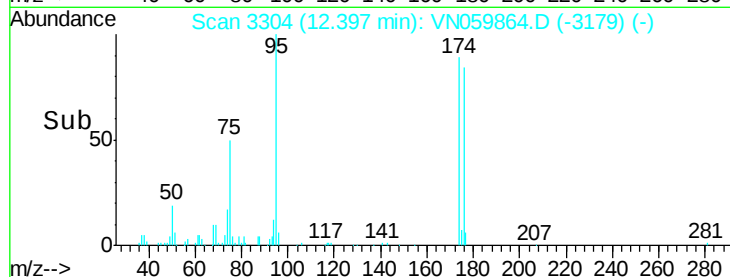
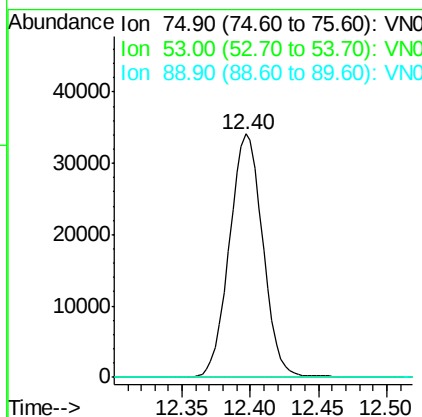
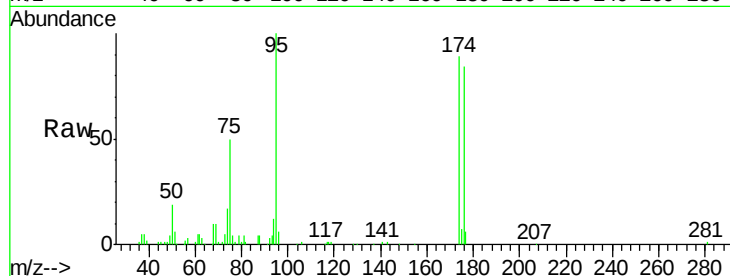




#81
trans-1,4-Dichloro-2-butene
Concen: 72.42 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.10 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0127WBL01

Tgt Ion: 75 Resp: 57904
Ion Ratio Lower Upper
75 100
53 0.0 78.1 117.1#
89 0.0 35.4 53.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: Below Cal
RT: 14.39 min Scan# 3923
Delta R.T. 0.12 min
Lab File: VN059864.D
Acq: 27 Jan 2020 11:38

Tgt Ion: 75 Resp: 63
Ion Ratio Lower Upper
75 100
155 0.0 37.0 110.9#
157 0.0 48.4 145.2#

