

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
 Data File : VN058410.D
 Acq On : 27 Sep 2019 16:07
 Operator : JC/SP
 Sample : K5087-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Sep 28 00:04:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 27 23:01:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	473958	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	760833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	646446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	256830	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	329371	49.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	98.78%	
35) Dibromofluoromethane	7.58	113	233260	50.38	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.76%	
50) Toluene-d8	10.08	98	932488	51.83	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.66%	
62) 4-Bromofluorobenzene	12.41	95	305644	45.86	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.72%	

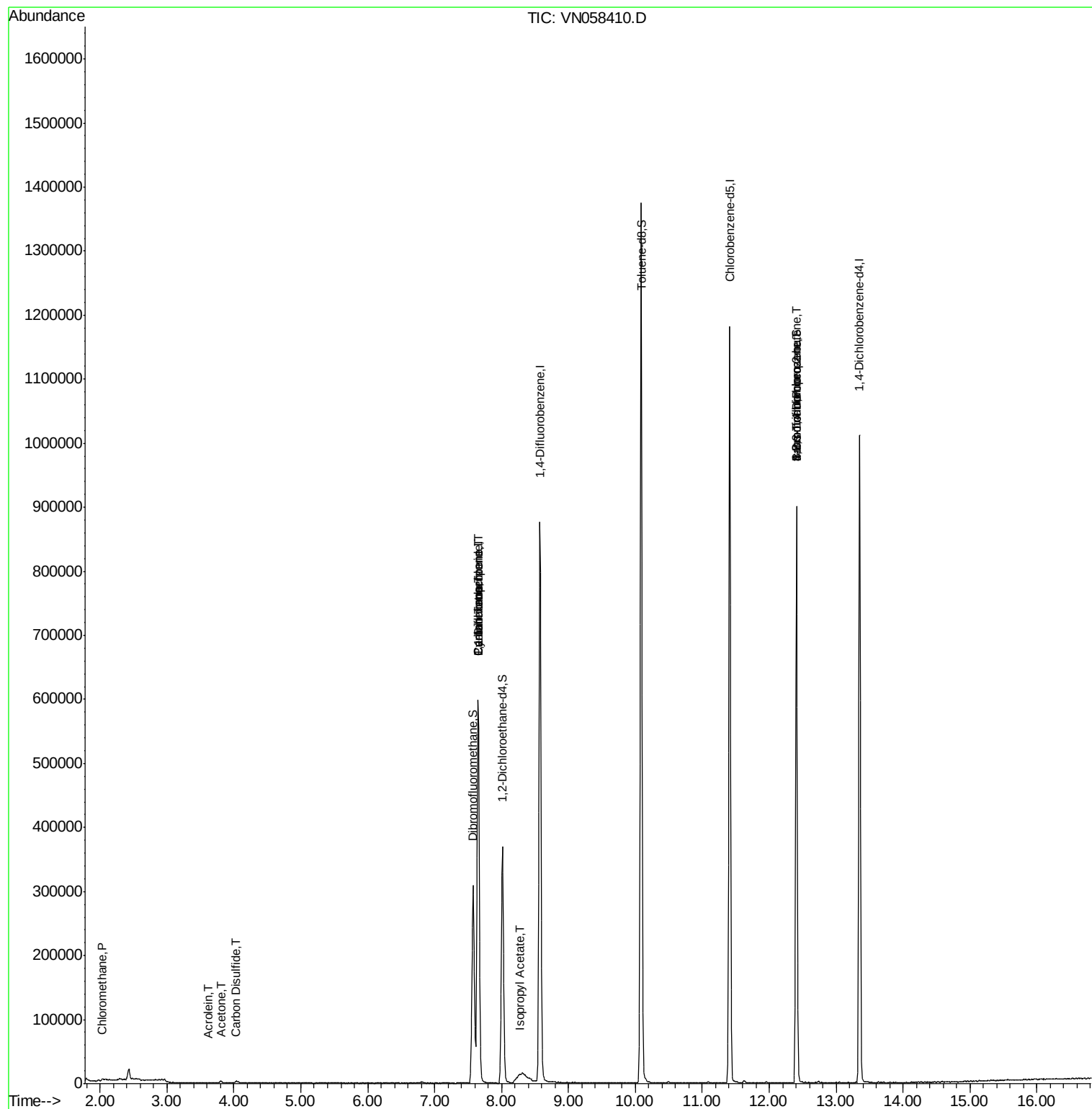
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1440	0.354	ug/l	98
13) Acrolein	3.61	56	30	0.218	ug/l #	13
16) Acetone	3.81	43	4767	2.076	ug/l	98
17) Carbon Disulfide	4.02	76	1581	0.248	ug/l #	74
31) Cyclohexane	7.65	56	11445	1.615	ug/l #	8
36) 1,1-Dichloropropene	7.65	75	39042	6.640	ug/l #	51
38) Carbon Tetrachloride	7.65	117	48281	8.361	ug/l #	16
43) Isopropyl Acetate	8.27	43	19719	1.821	ug/l #	63
71) Bromoform	12.40	173	567	0.215	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	165200	35.434	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	165200	115.199	ug/l #	7

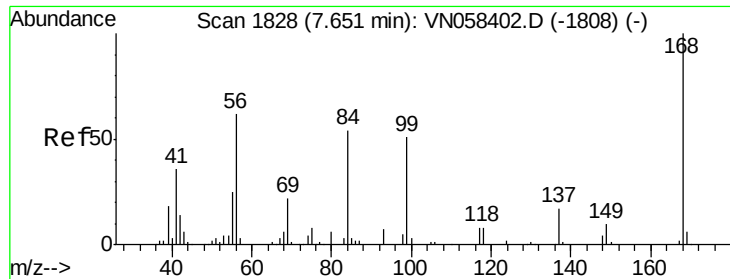
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
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Quant Time: Sep 28 00:04:19 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 27 23:01:20 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

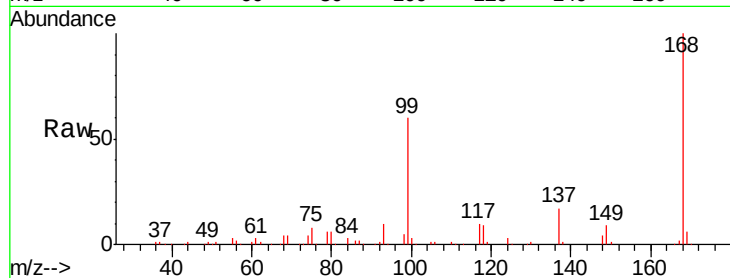
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:168 Resp: 473958

Ion Ratio Lower Upper

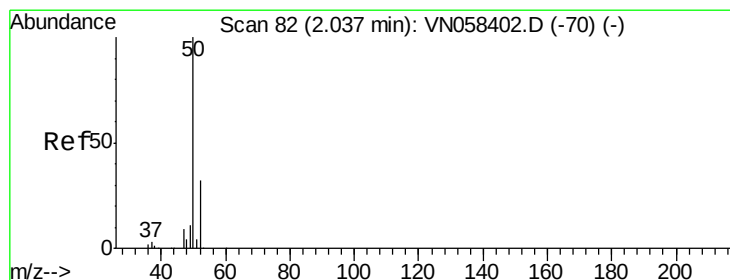
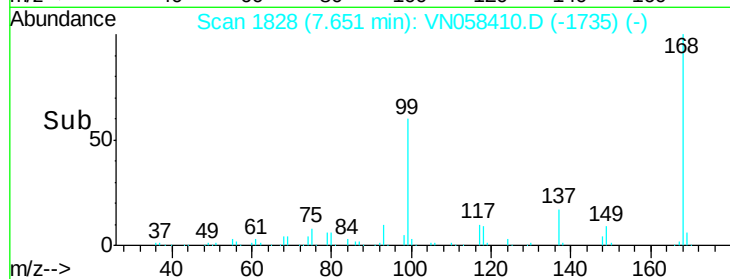
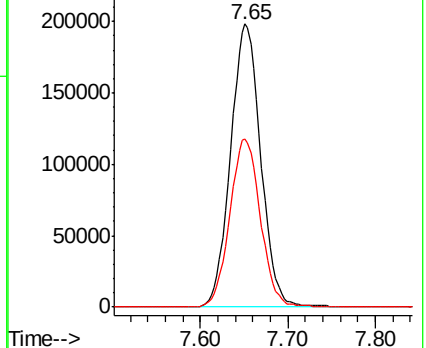
168 100

99 59.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058410.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058410.D (-1735) (-)



#3

Chloromethane

Concen: 0.354 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058410.D

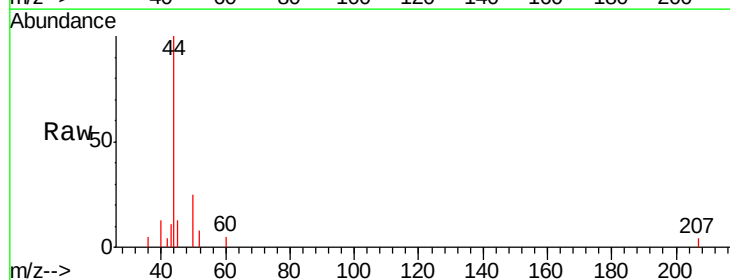
Acq: 27 Sep 2019 16:07

Tgt Ion: 50 Resp: 1440

Ion Ratio Lower Upper

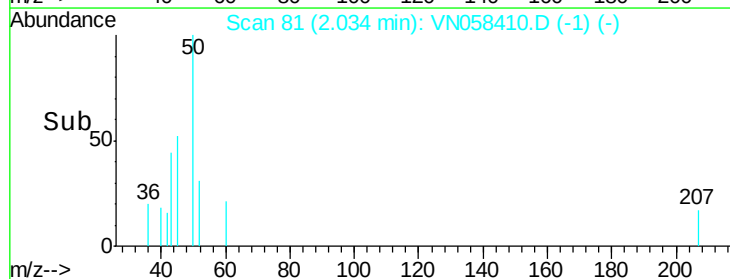
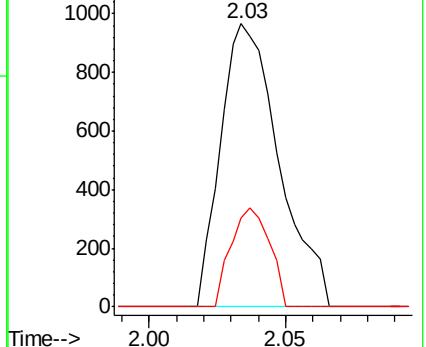
50 100

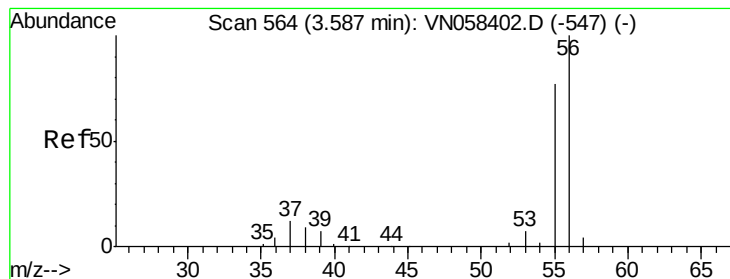
52 31.4 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN058410.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN058410.D (-1) (-)





#13

Acrolein

Concen: 0.218 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.02 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

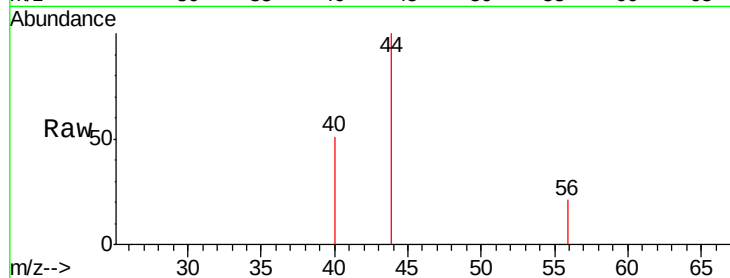
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 56 Resp: 30

Ion Ratio Lower Upper

56 100

55 0.0 58.3 87.5#



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

3.61

150

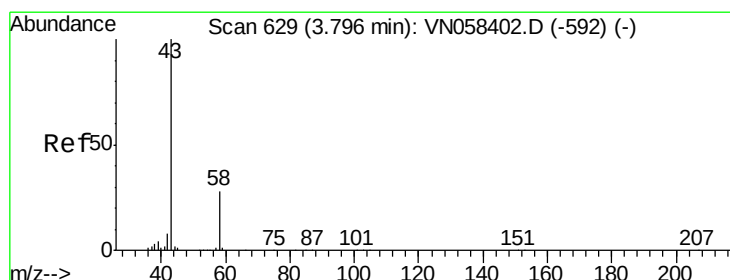
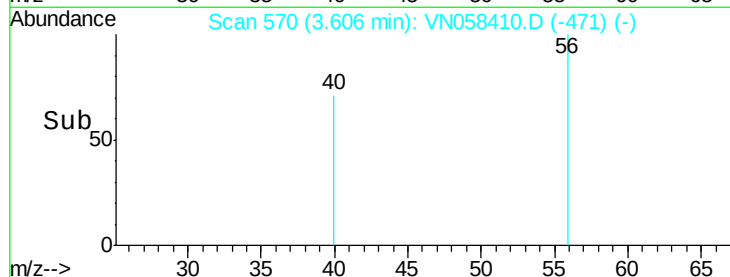
100

50

0

3.60 3.60 3.61 3.61 3.62

Time-->



#16

Acetone

Concen: 2.076 ug/l

RT: 3.81 min Scan# 632

Delta R.T. 0.01 min

Lab File: VN058410.D

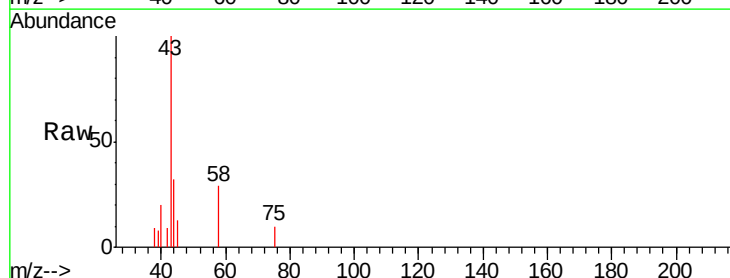
Acq: 27 Sep 2019 16:07

Tgt Ion: 43 Resp: 4767

Ion Ratio Lower Upper

43 100

58 29.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

2000

1500

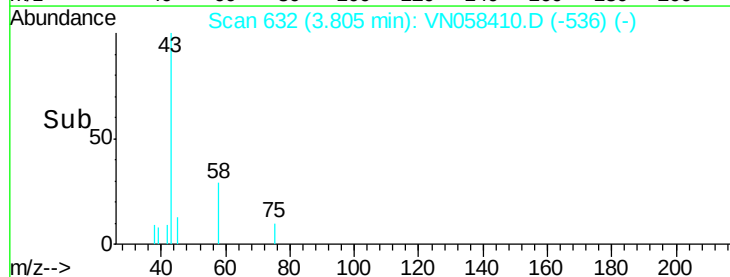
1000

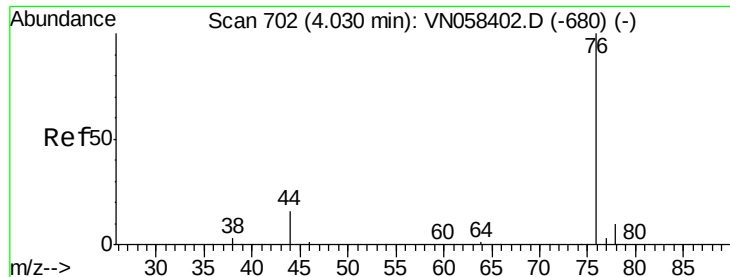
500

0

3.75 3.80 3.85

Time-->





#17

Carbon Disulfide

Concen: 0.248 ug/l

RT: 4.02 min Scan# 700

Delta R.T. -0.01 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

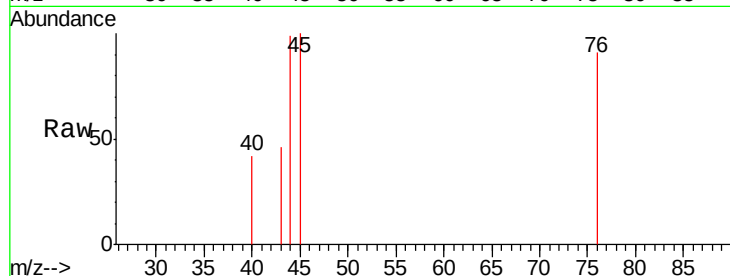
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 76 Resp: 1581

Ion Ratio Lower Upper

76 100

78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.02

800

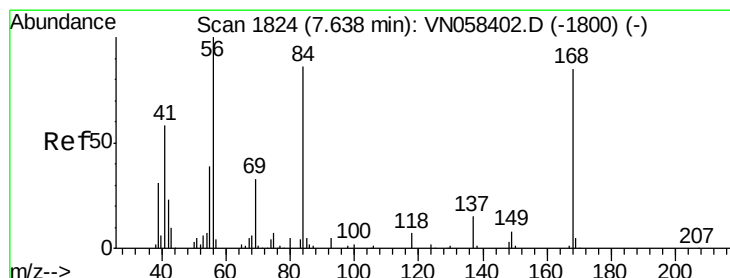
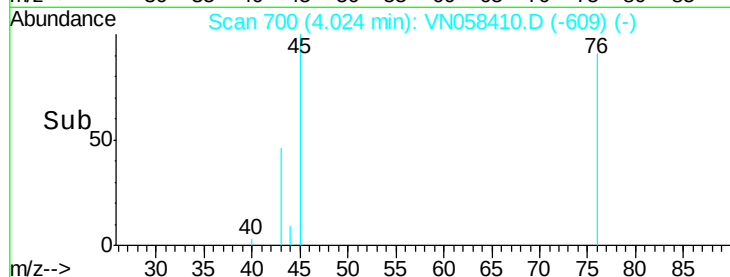
600

400

200

0

Time-->



#31

Cyclohexane

Concen: 1.615 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

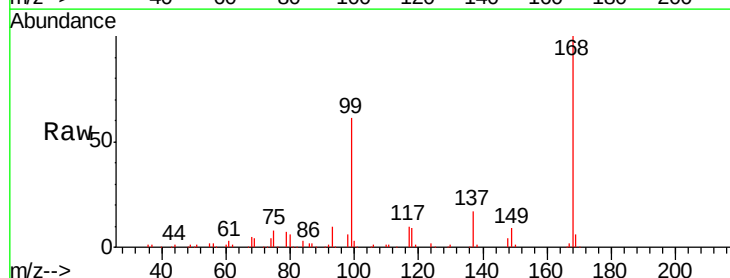
Tgt Ion: 56 Resp: 11445

Ion Ratio Lower Upper

56 100

69 163.5 26.2 39.4#

84 118.2 67.6 101.4#



Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 69.00 (68.70 to 69.70): VNO

Ion 84.00 (83.70 to 84.70): VNO

10000

8000

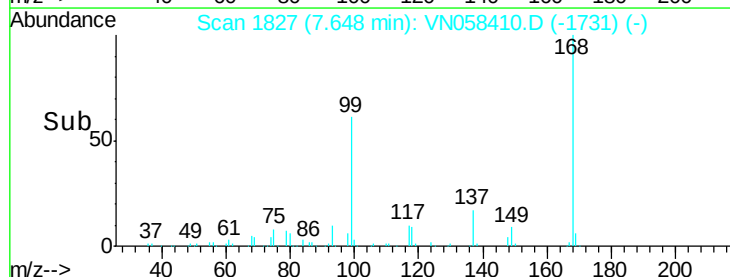
6000

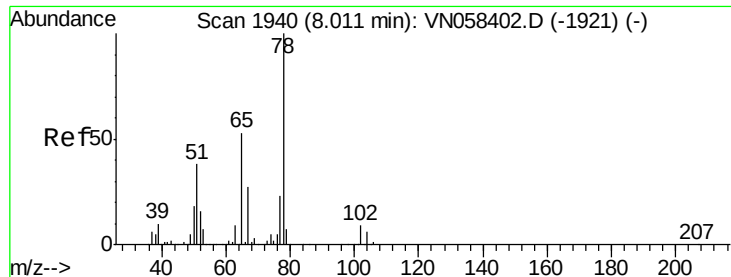
4000

2000

0

Time-->

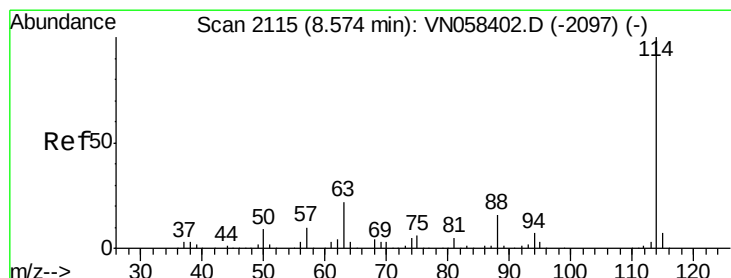
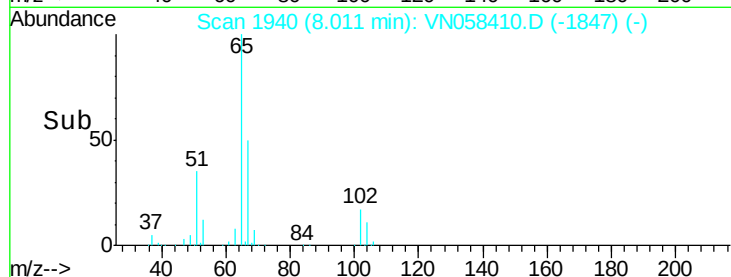
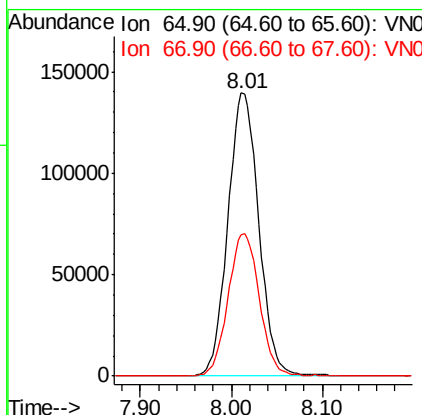
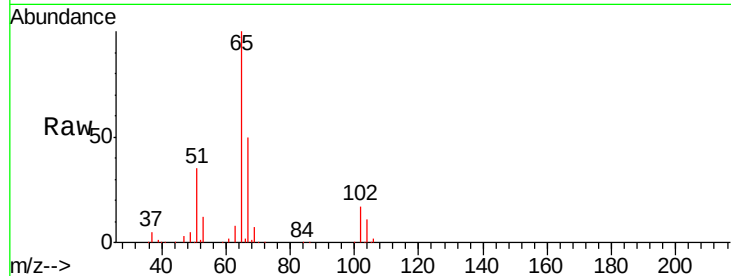




#33
 1,2-Dichloroethane-d4
 Concen: 49.388 ug/l
 RT: 8.01 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: VN058410.D
 Acq: 27 Sep 2019 16:07

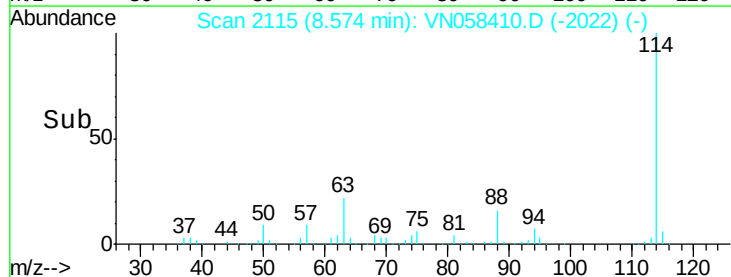
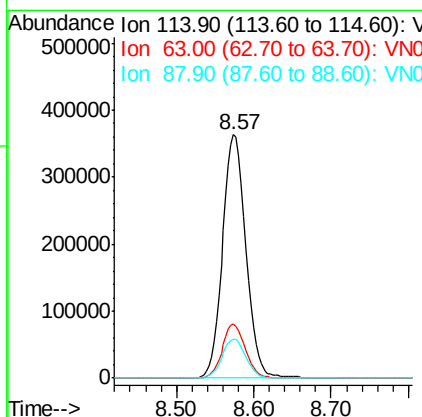
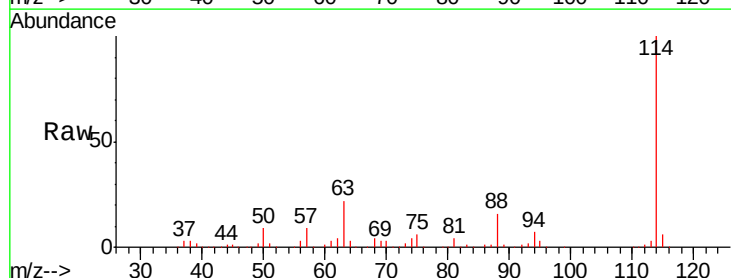
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

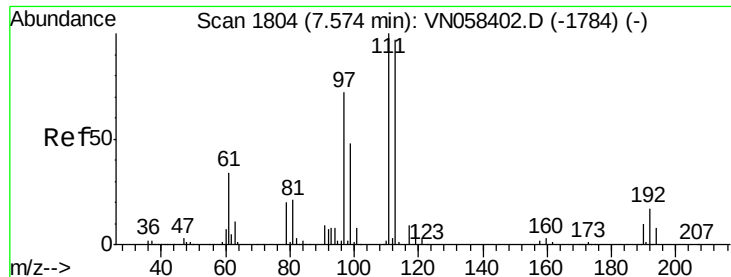
Tgt Ion: 65 Resp: 329371
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058410.D
 Acq: 27 Sep 2019 16:07

Tgt Ion: 114 Resp: 760833
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 45.0
 88 16.1 0.0 32.2

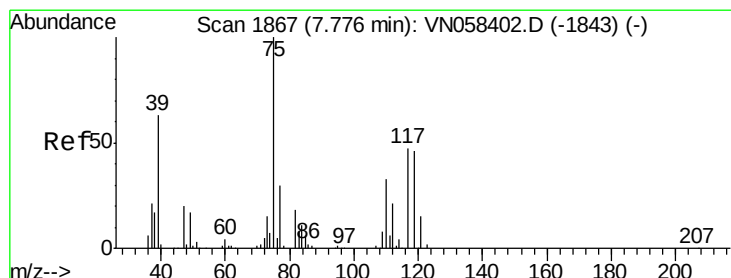
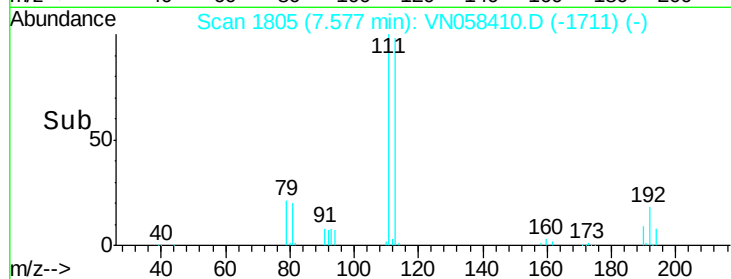
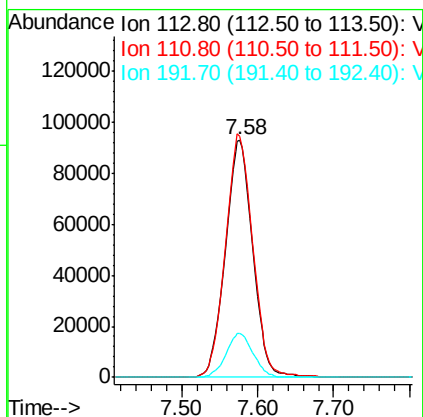
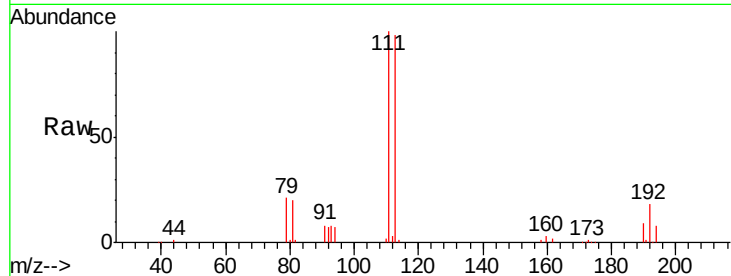




#35
 Dibromofluoromethane
 Concen: 50.382 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058410.D
 Acq: 27 Sep 2019 16:07

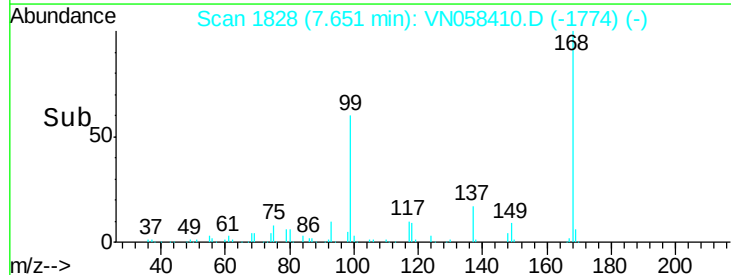
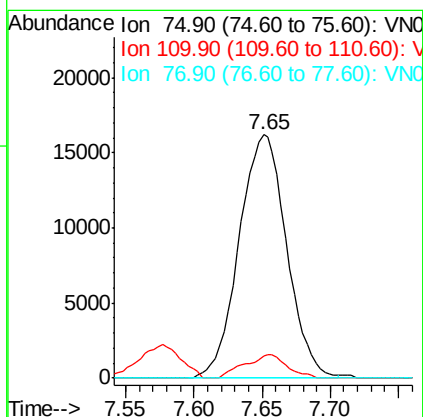
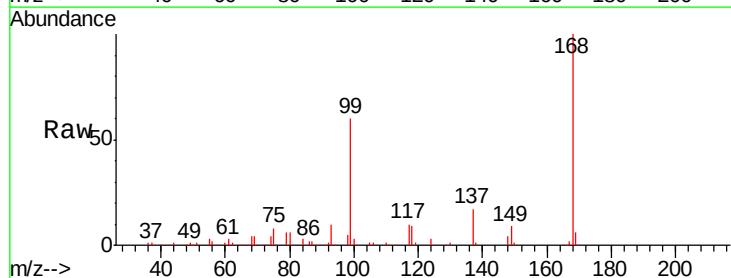
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

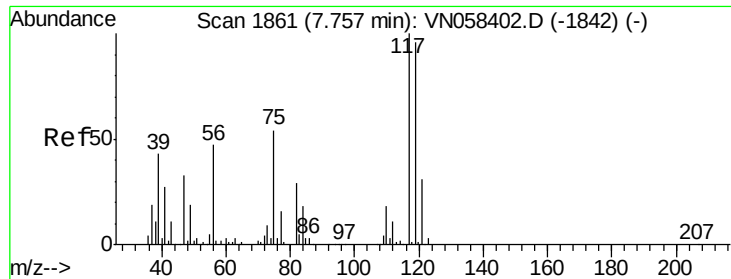
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	83.4	125.2
192	18.4	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 6.640 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058410.D
 Acq: 27 Sep 2019 16:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.2#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 8.361 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.11 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

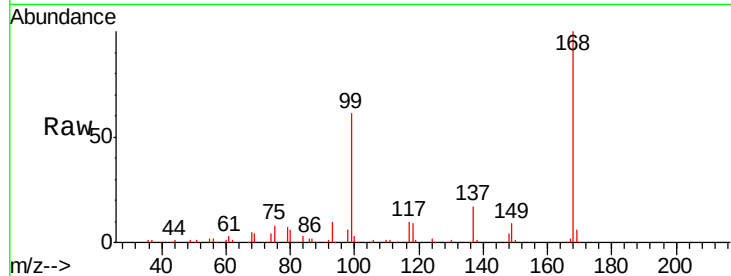
Tgt Ion:117 Resp: 48281

Ion Ratio Lower Upper

117 100

119 4.9 76.6 115.0#

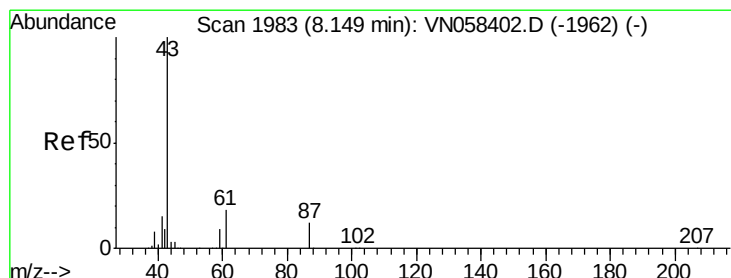
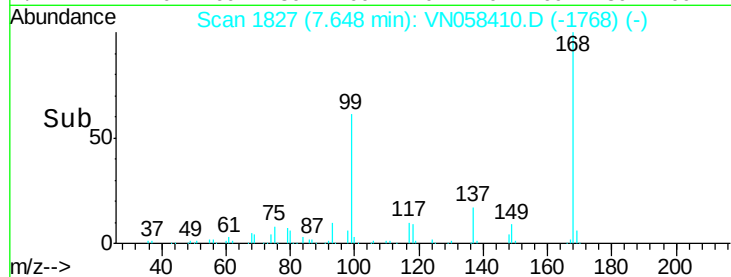
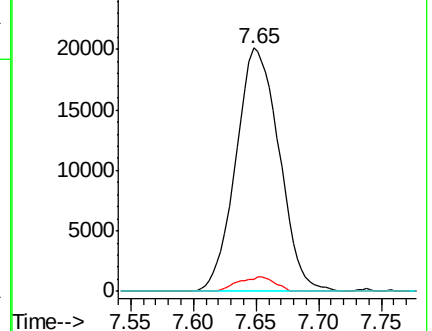
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#43

Isopropyl Acetate

Concen: 1.821 ug/l

RT: 8.27 min Scan# 2020

Delta R.T. 0.12 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

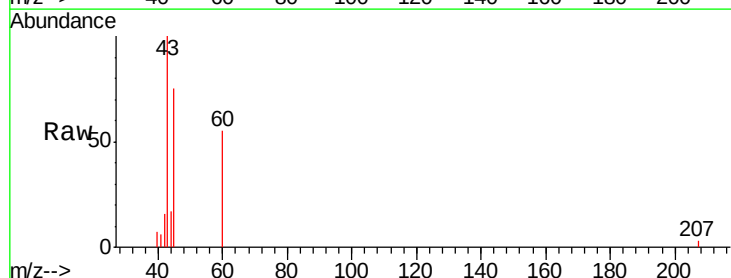
Tgt Ion: 43 Resp: 19719

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

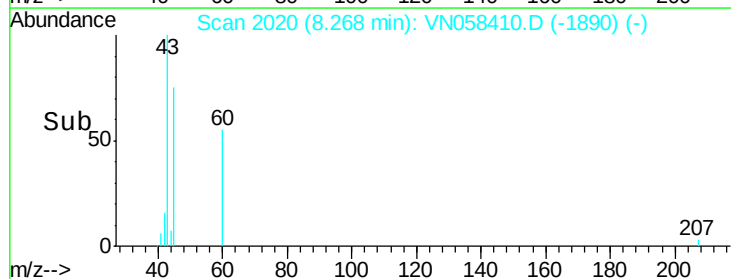
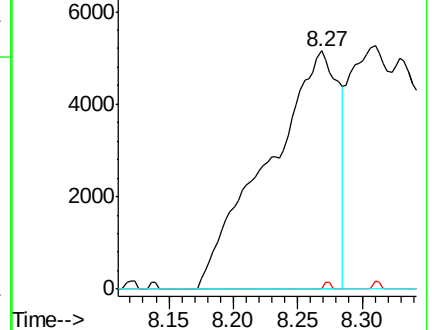
87 0.0 9.7 14.5#

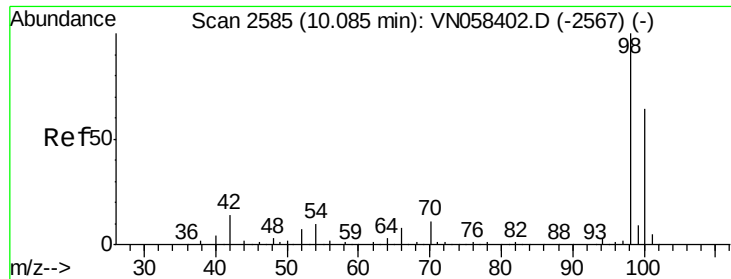


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 51.827 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

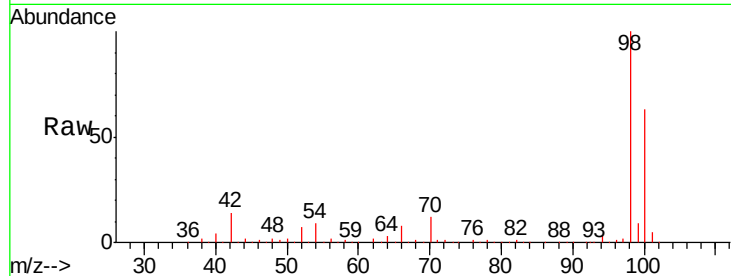
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 98 Resp: 932488

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.08

500000

400000

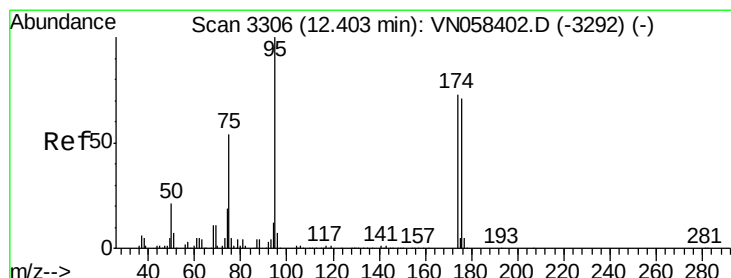
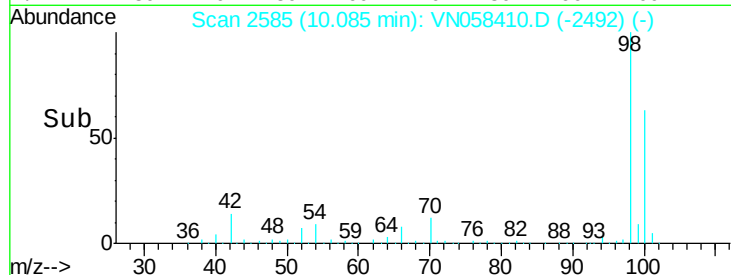
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.864 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

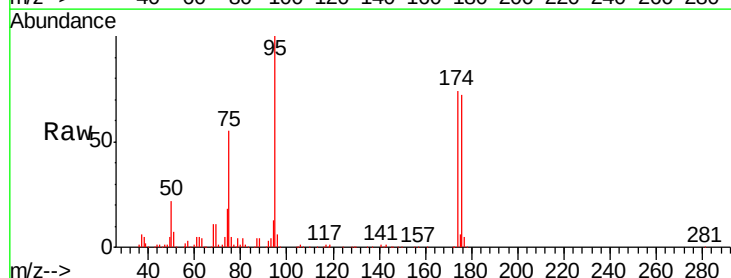
Tgt Ion: 95 Resp: 305644

Ion Ratio Lower Upper

95 100

174 74.5 0.0 150.6

176 72.1 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

250000

200000

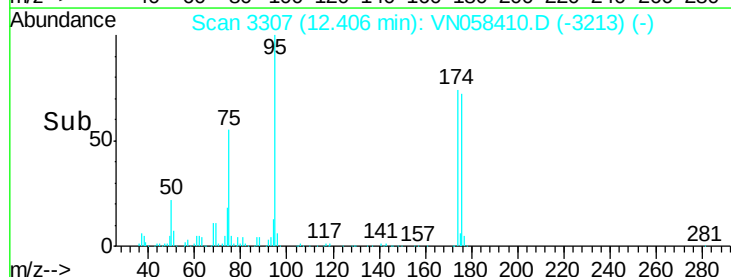
150000

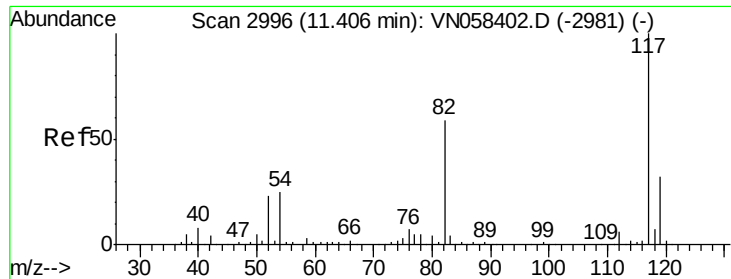
100000

50000

0

Time-->

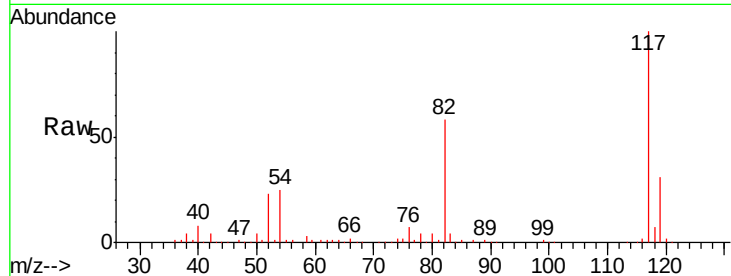




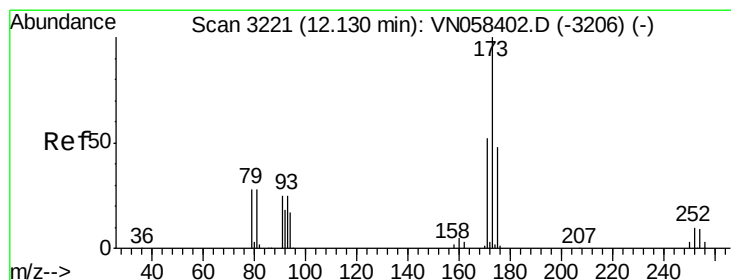
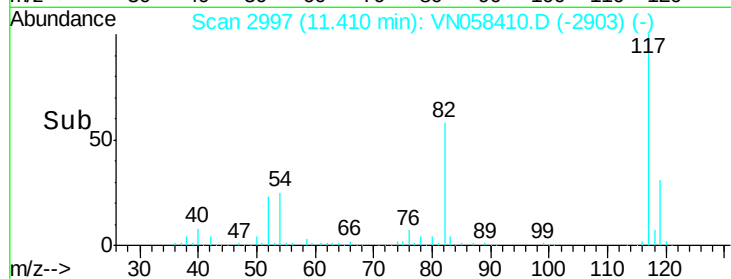
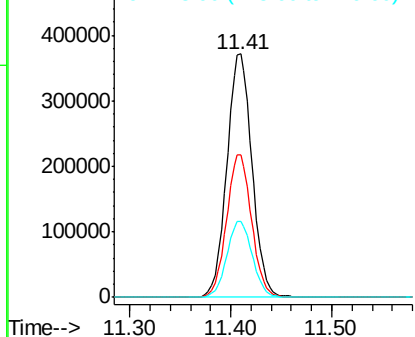
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058410.D
Acq: 27 Sep 2019 16:07

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion:117 Resp: 646446
Ion Ratio Lower Upper
117 100
82 58.4 47.4 71.0
119 31.3 25.5 38.3

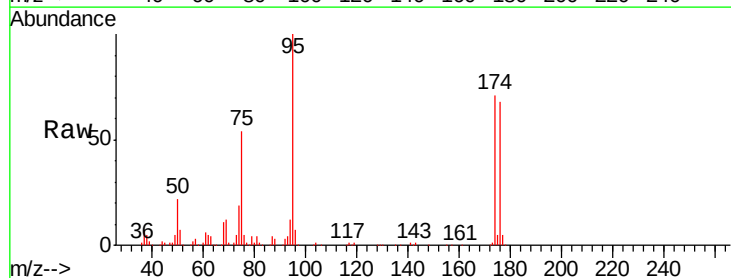


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

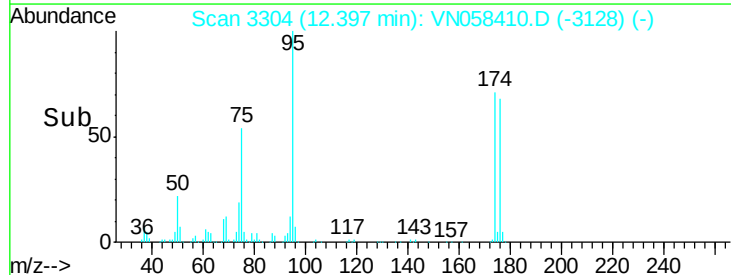
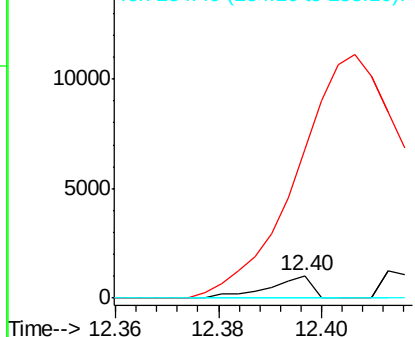


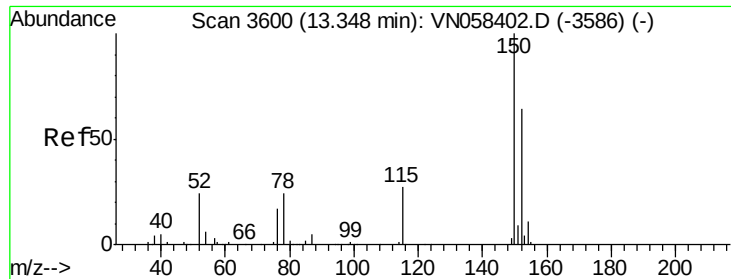
#71
Bromoform
Concen: 0.215 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.27 min
Lab File: VN058410.D
Acq: 27 Sep 2019 16:07

Tgt Ion:173 Resp: 567
Ion Ratio Lower Upper
173 100
175 2538.1 24.3 73.0#
254 0.0 0.1 0.1#



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: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058410.D

Acq: 27 Sep 2019 16:07

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

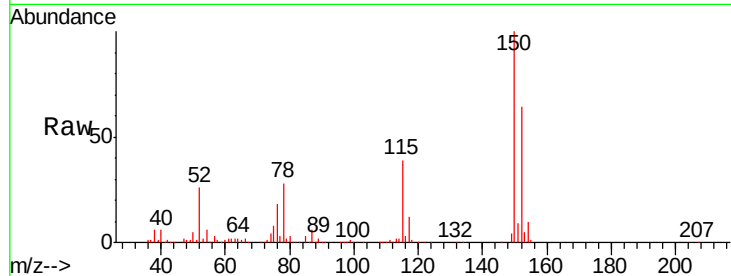
Tgt Ion:152 Resp: 256830

Ion Ratio Lower Upper

152 100

115 61.7 30.0 90.0

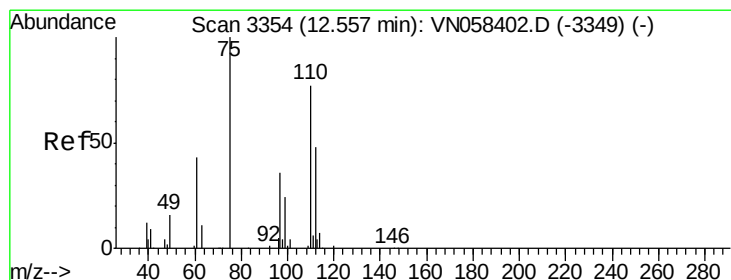
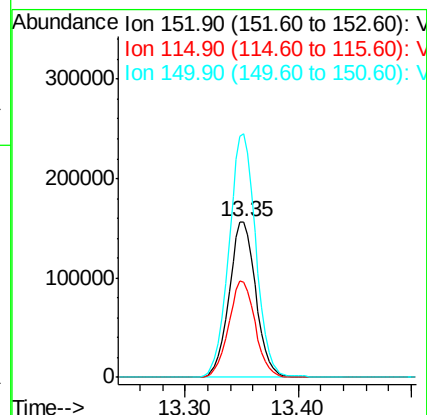
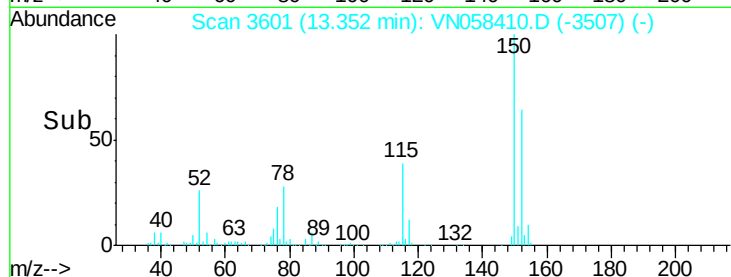
150 157.3 0.0 348.2



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: 35.434 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058410.D

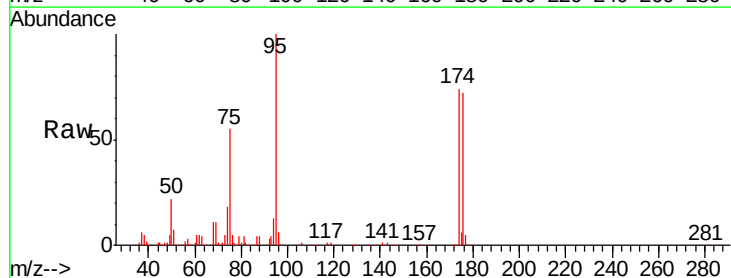
Acq: 27 Sep 2019 16:07

Tgt Ion: 75 Resp: 165200

Ion Ratio Lower Upper

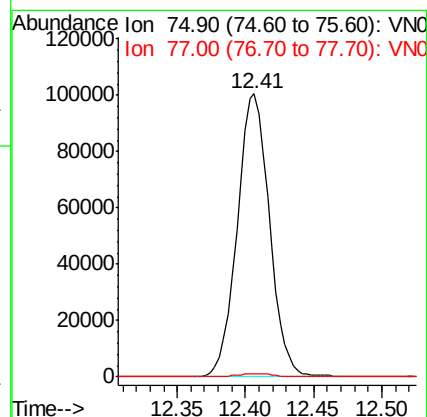
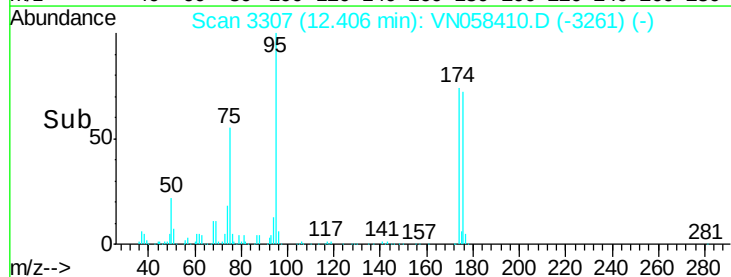
75 100

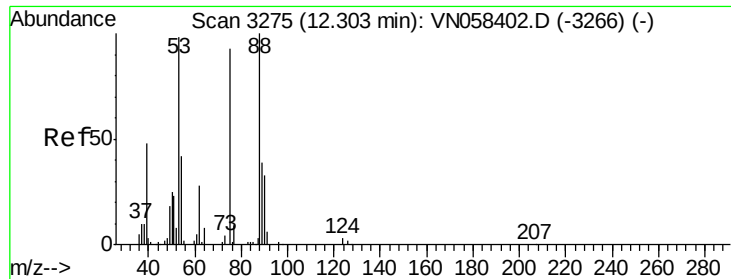
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.199 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.10 min
 Lab File: VN058410.D
 Acq: 27 Sep 2019 16:07

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 165200
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.4 128.0#
 89 0.0 35.0 52.4#

