

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100119\
 Data File : VN058466.D
 Acq On : 1 Oct 2019 16:00
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 02 01:29:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	416868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	678199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	570690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.35

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	301334	49.47	ug/l	0.00
Spiked Amount			Recovery	=	98.94%	
35) Dibromofluoromethane	7.57	113	214081	51.50	ug/l	0.00
Spiked Amount			Recovery	=	103.00%	
50) Toluene-d8	10.08	98	853232	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
62) 4-Bromofluorobenzene	0.00	95	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	

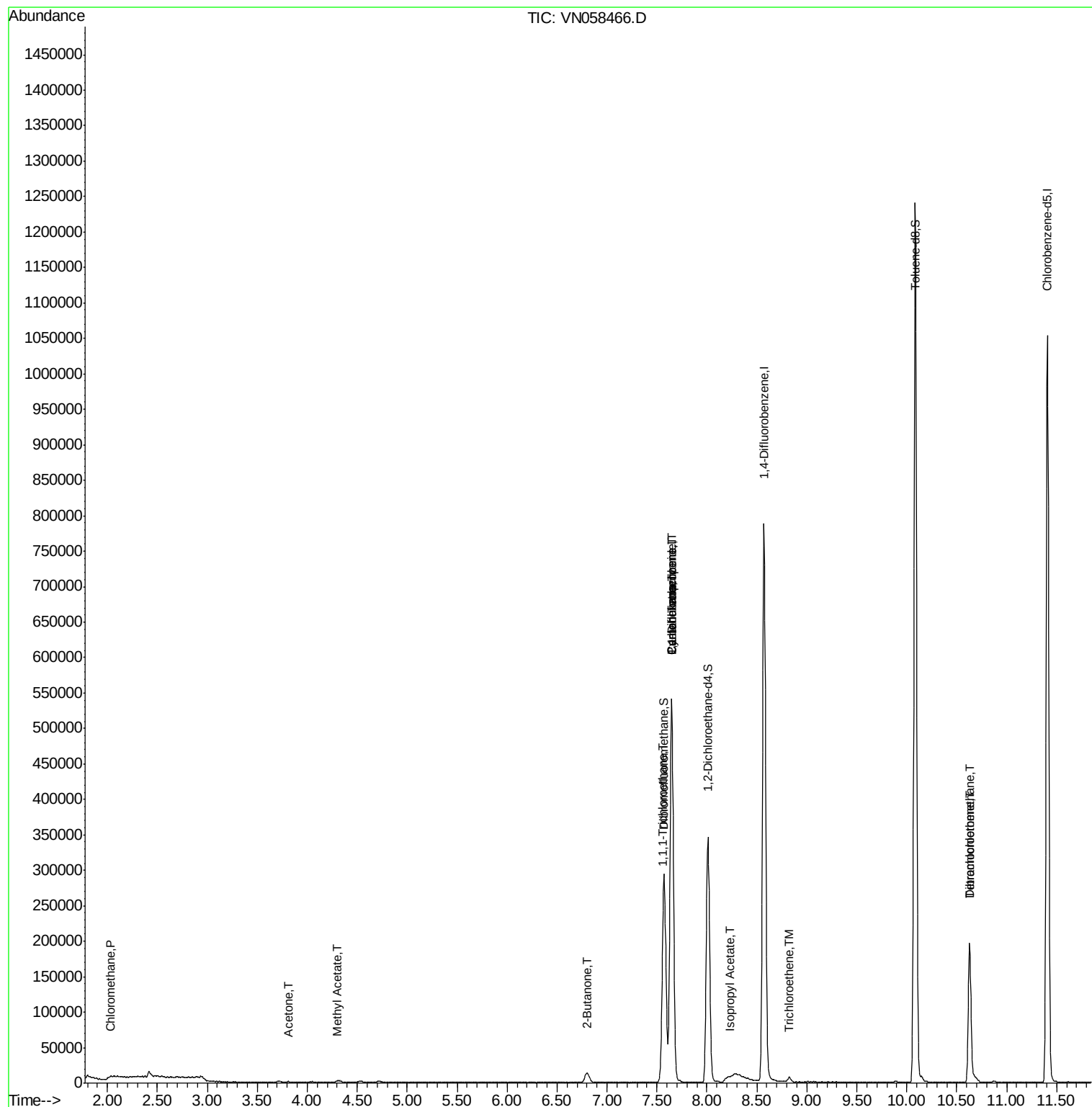
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1393	0.277	ug/l	94
16) Acetone	3.80	43	847	0.408	ug/l #	47
18) Methyl Acetate	4.30	43	5176	0.991	ug/l #	71
25) 2-Butanone	6.81	43	641	0.225	ug/l #	50
31) Cyclohexane	7.64	56	10527	1.249	ug/l #	21
32) 1,1,1-Trichloroethane	7.55	97	12839	1.780	ug/l #	87
36) 1,1-Dichloropropene	7.65	75	37385	5.765	ug/l #	50
38) Carbon Tetrachloride	7.65	117	42790	7.310	ug/l #	16
43) Isopropyl Acetate	8.22	43	8912	0.862	ug/l #	63
44) Trichloroethene	8.82	130	2293	0.498	ug/l	95
60) Dibromochloromethane	10.63	129	45897	9.931	ug/l #	11
64) Tetrachloroethene	10.63	164	47015	12.967	ug/l	96

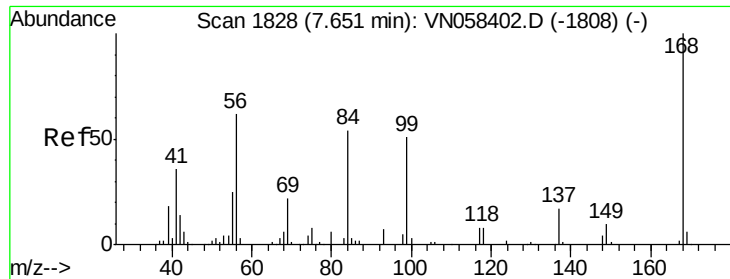
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100119\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

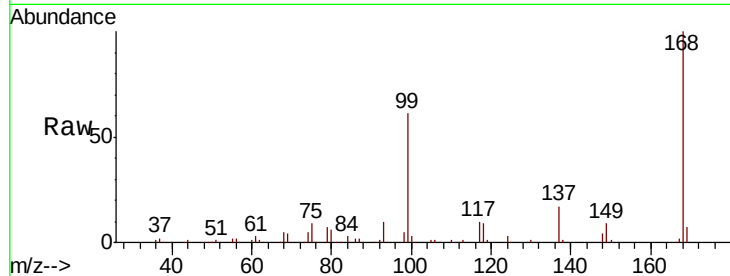
I.BLK

Tot Ion:168 Resp: 416868

Ion Ratio Lower Upper

168 100

99 61.1 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

200000

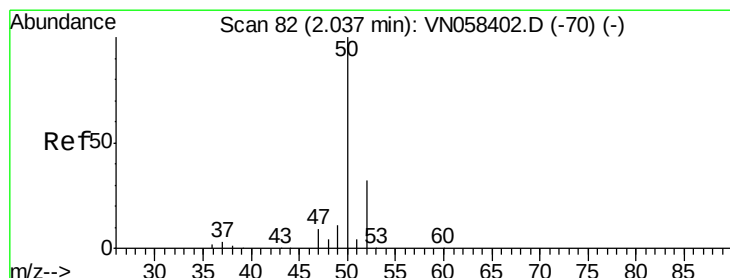
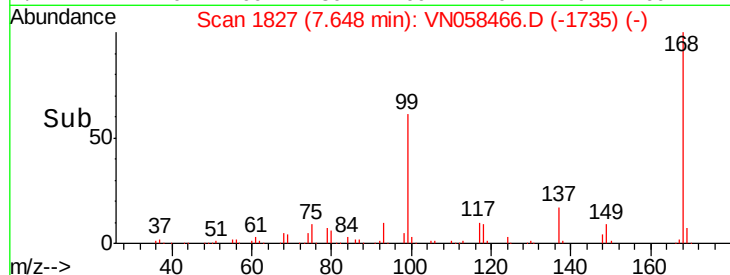
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#3

Chloromethane

Concen: 0.277 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN058466.D

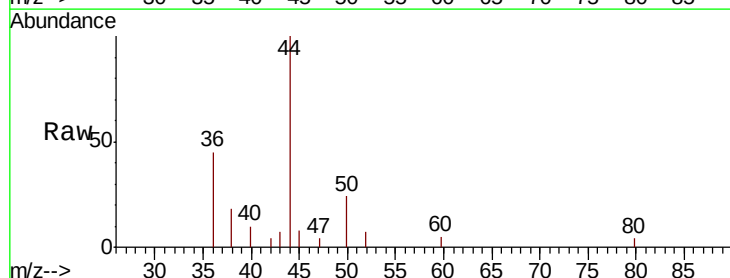
Acq: 1 Oct 2019 16:00

Tgt Ion: 50 Resp: 1393

Ion Ratio Lower Upper

50 100

52 29.0 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

1200

1000

800

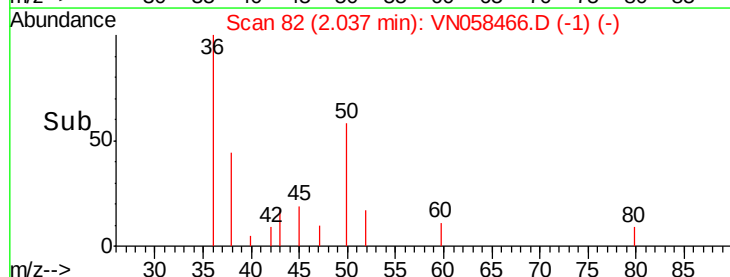
600

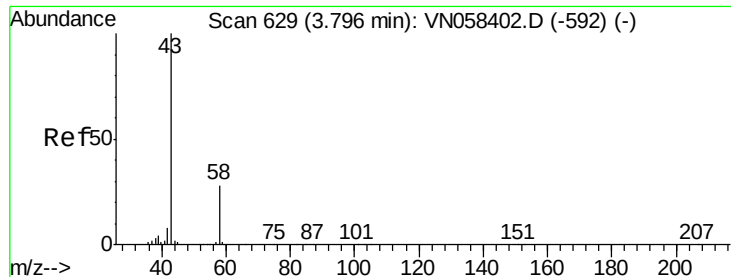
400

200

0

Time--> 2.00 2.02 2.04 2.06 2.08





#16

Acetone

Concen: 0.408 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

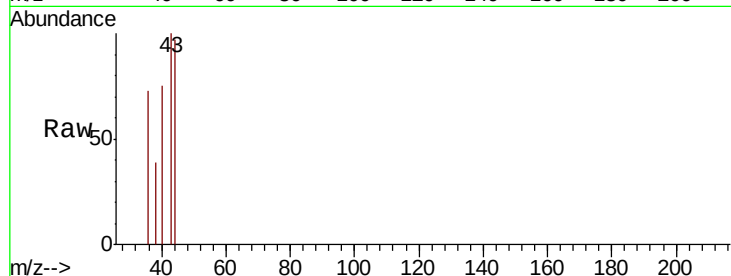
I.BLK

Tot Ion: 43 Resp: 847

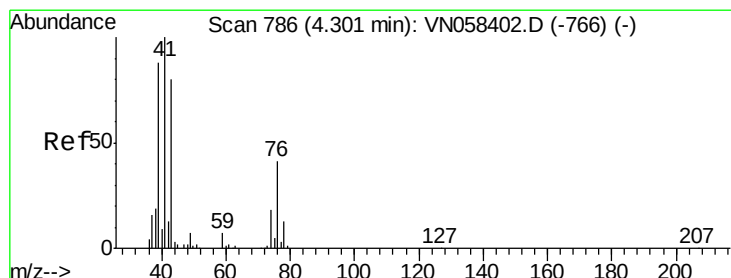
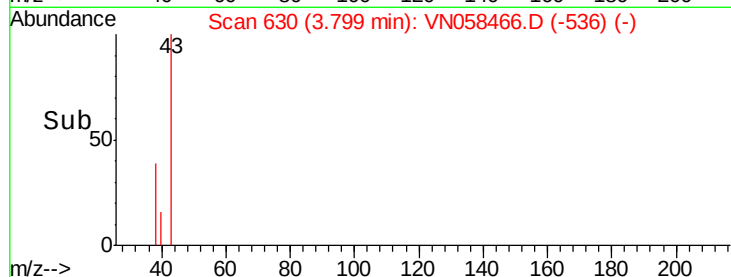
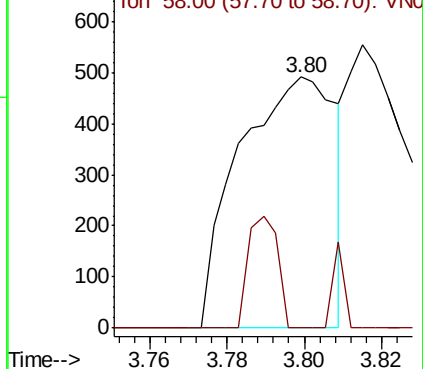
Ion Ratio Lower Upper

43 100

58 0.0 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0



#18

Methyl Acetate

Concen: 0.991 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN058466.D

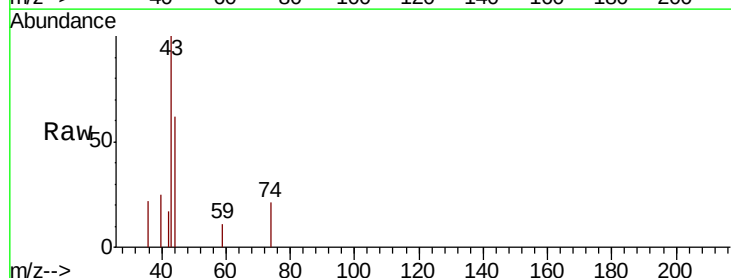
Acq: 1 Oct 2019 16:00

Tgt Ion: 43 Resp: 5176

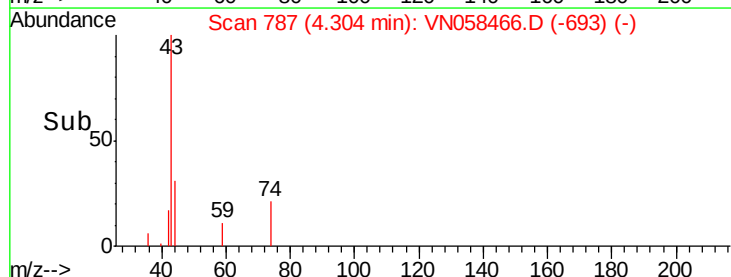
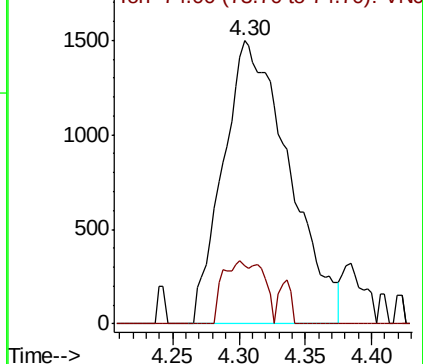
Ion Ratio Lower Upper

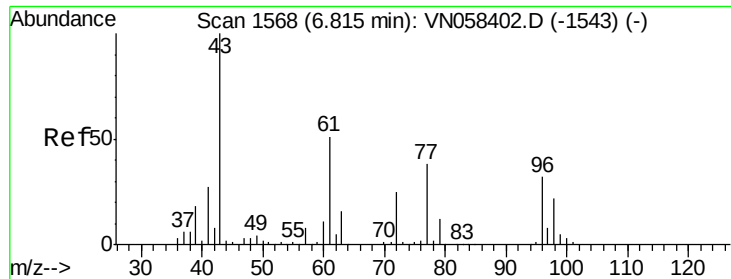
43 100

74 8.6 18.0 27.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0





#25

2-Butanone

Concen: 0.225 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

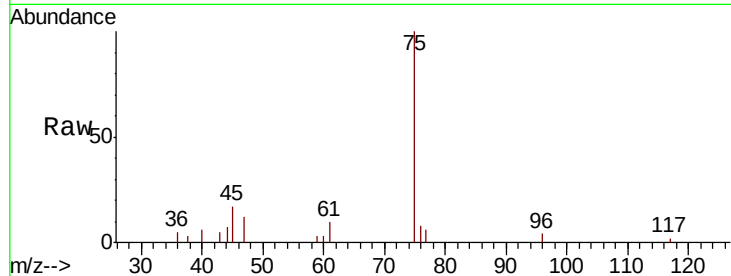
I.BLK

Tot Ion: 43 Resp: 641

Ion Ratio Lower Upper

43 100

72 0.0 20.2 30.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

6.81

300

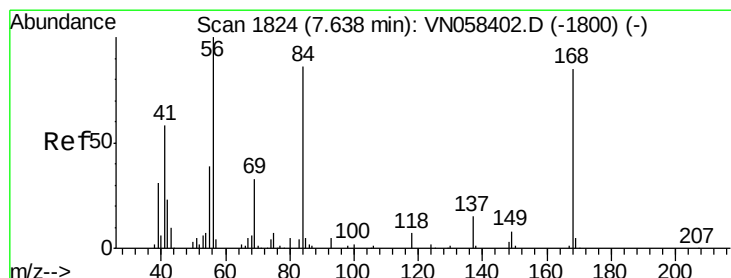
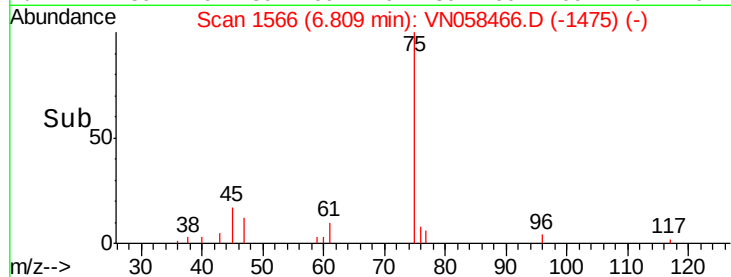
200

100

0

6.78 6.80 6.82 6.84

Time-->



#31

Cyclohexane

Concen: 1.249 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

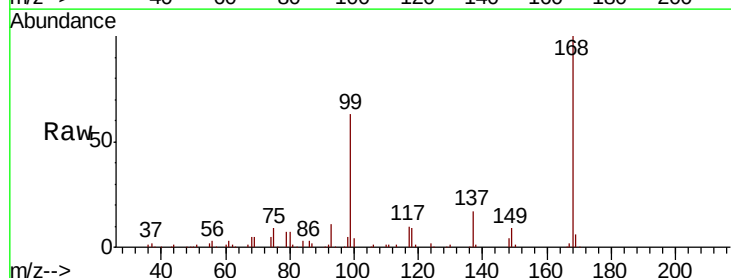
Tgt Ion: 56 Resp: 10527

Ion Ratio Lower Upper

56 100

69 167.9 26.2 39.4#

84 100.0 67.6 101.4



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

10000

8000

6000

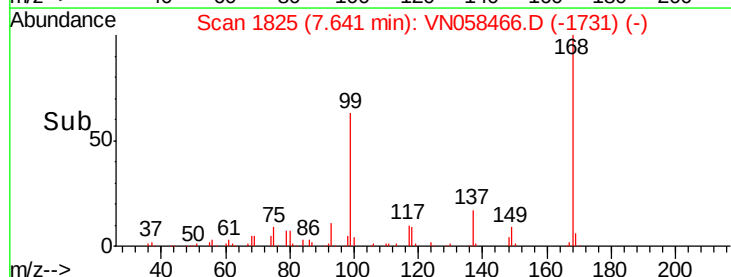
4000

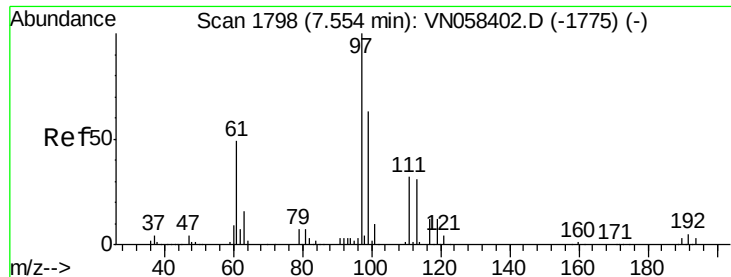
2000

0

7.55 7.60 7.65 7.70

Time-->





#32

1,1,1-Trichloroethane

Concen: 1.780 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. -0.00 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

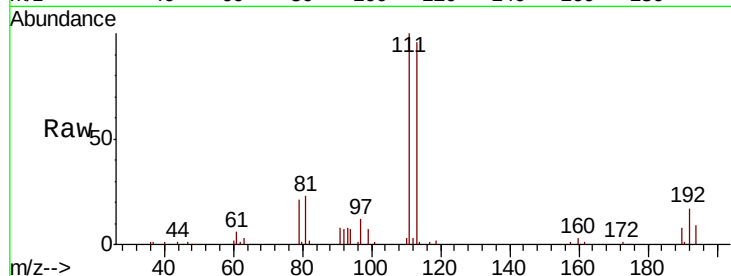
Tot Ion: 97 Resp: 12839

Ion Ratio Lower Upper

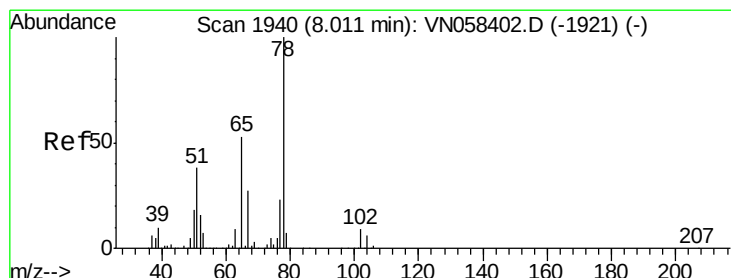
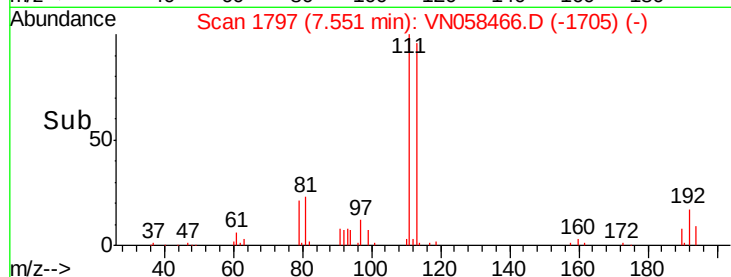
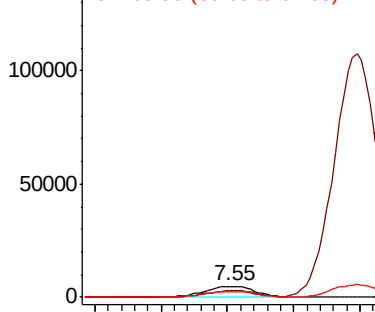
97 100

99 63.1 51.1 76.7

61 29.0 39.2 58.8#



Abundance Ion 96.90 (96.60 to 97.60): VNC
Ion 98.90 (98.60 to 99.60): VNC
Ion 60.90 (60.60 to 61.60): VNC



#33

1,2-Dichloroethane-d4

Concen: 49.465 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058466.D

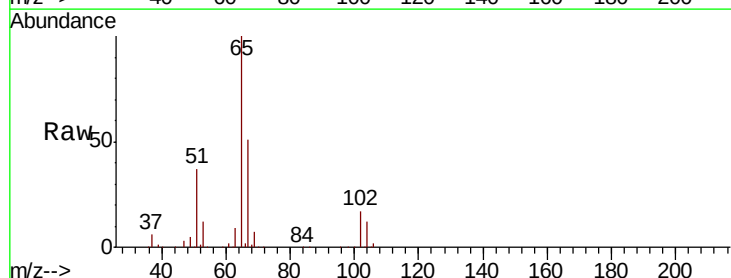
Acq: 1 Oct 2019 16:00

Tgt Ion: 65 Resp: 301334

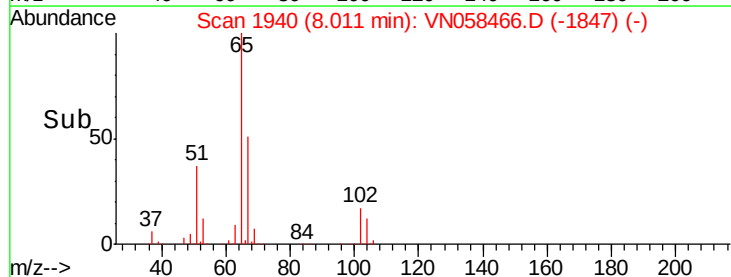
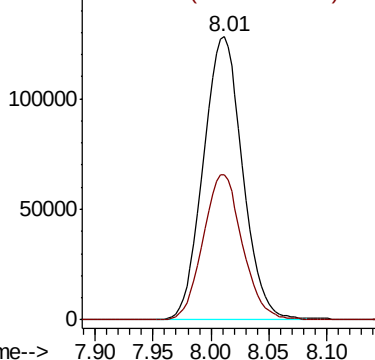
Ion Ratio Lower Upper

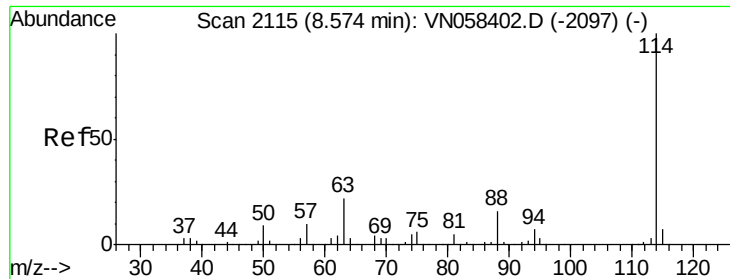
65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

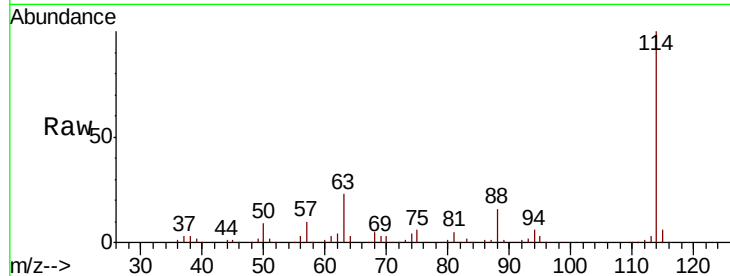




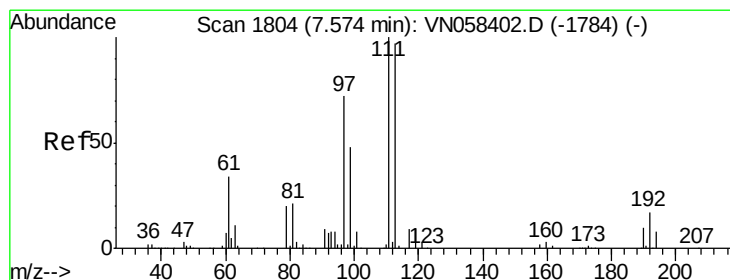
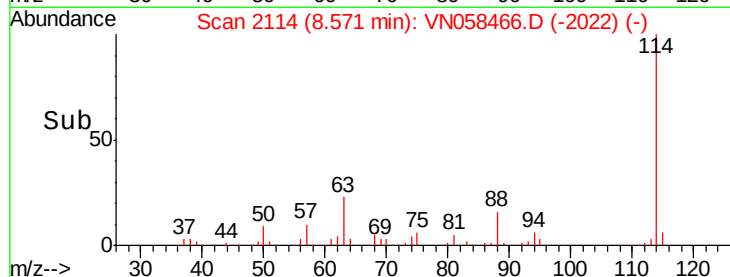
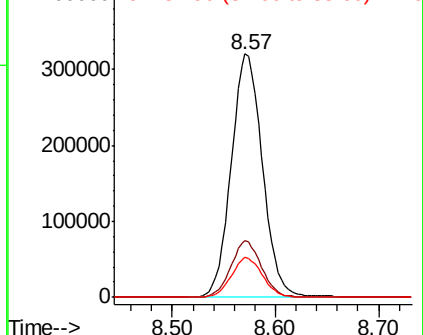
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VN058466.D
 Acq: 1 Oct 2019 16:00

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Tot Ion:114 Resp: 678199
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.0
 88 16.3 0.0 32.2

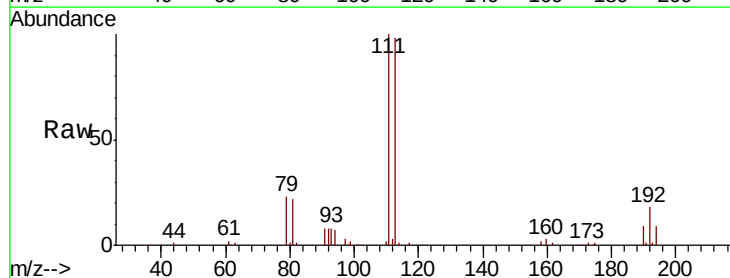


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

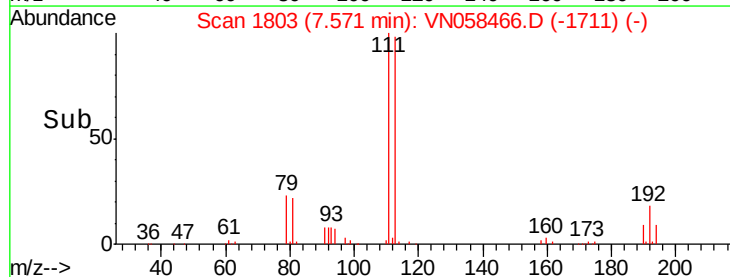
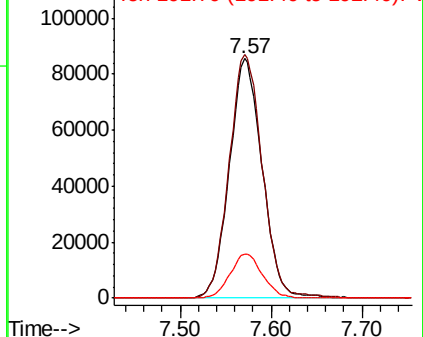


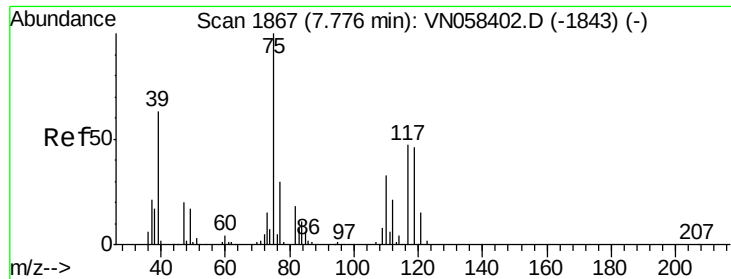
#35
 Dibromofluoromethane
 Concen: 51.504 ug/l
 RT: 7.57 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VN058466.D
 Acq: 1 Oct 2019 16:00

Tgt Ion:113 Resp: 214081
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 18.1 14.9 22.3



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

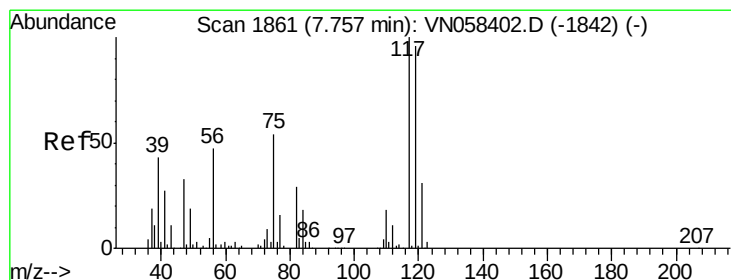
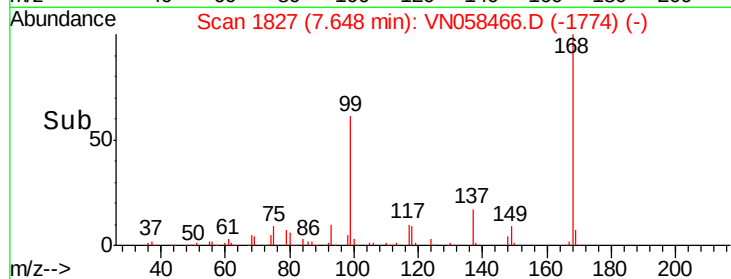
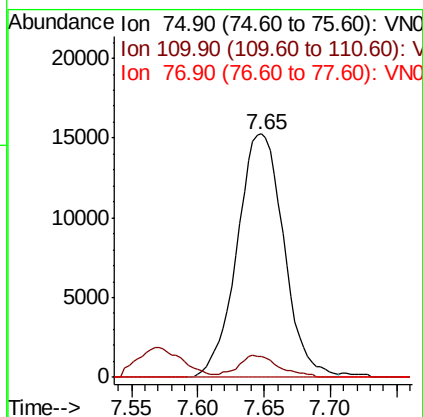
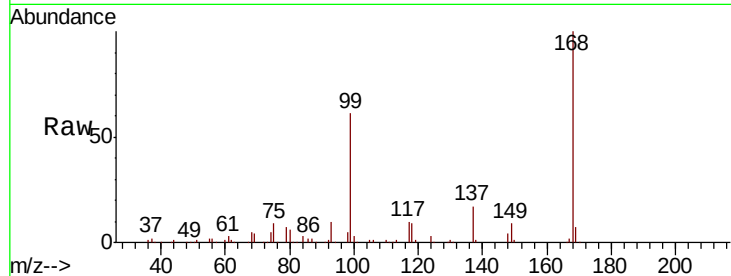




#36
 1,1-Dichloropropene
 Concen: 5.765 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.13 min
 Lab File: VN058466.D
 Acq: 1 Oct 2019 16:00

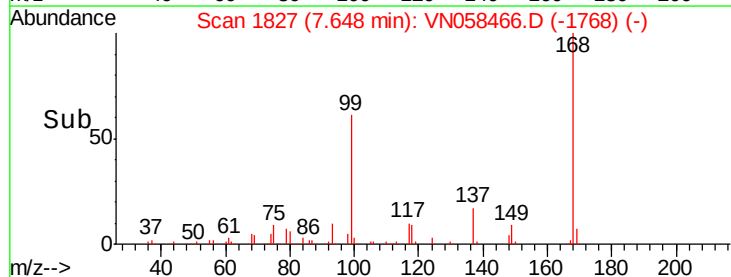
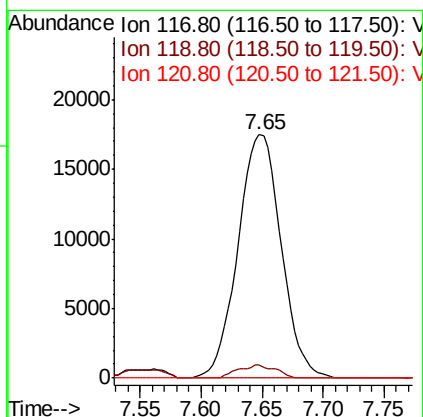
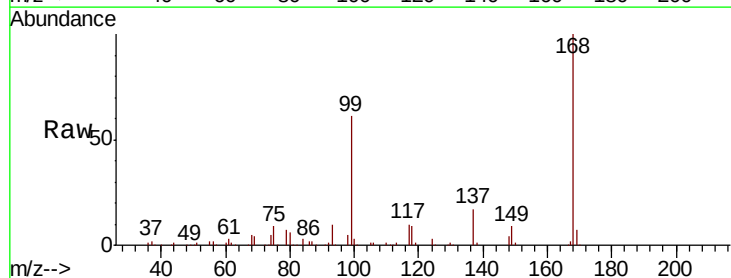
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

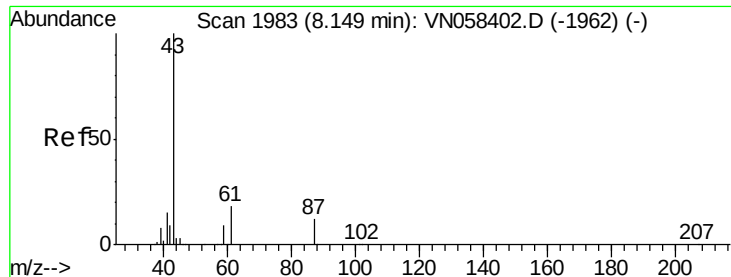
Tot Ion	75	Resp	37385
Ion Ratio	100	Lower	Upper
75	100		
110	8.0	16.4	49.2#
77	0.0	24.3	36.5#



#38
 Carbon Tetrachloride
 Concen: 7.310 ug/l
 RT: 7.65 min Scan# 1827
 Delta R.T. -0.11 min
 Lab File: VN058466.D
 Acq: 1 Oct 2019 16:00

Tgt Ion	117	Resp	42790
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
117	100		
119	5.5	76.6	115.0#
121	0.0	24.7	37.1#





#43

Isopropyl Acetate

Concen: 0.862 ug/l

RT: 8.22 min Scan# 2005

Delta R.T. 0.07 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

I.BLK

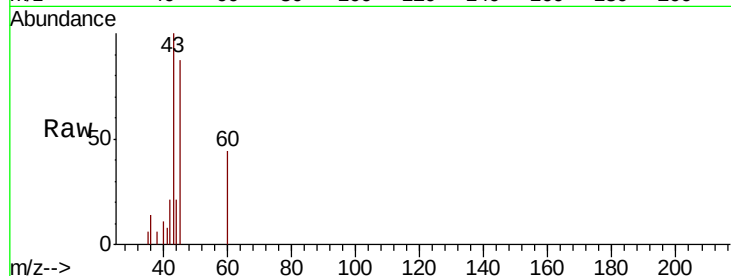
Tot Ion: 43 Resp: 8912

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

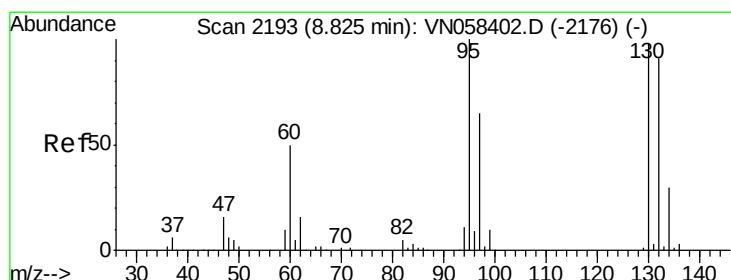
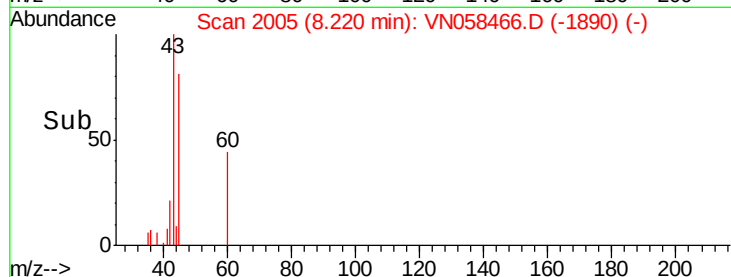
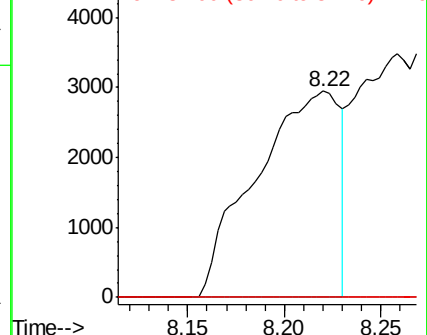
87 0.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1962) (-)

Ion 61.00 (60.70 to 61.70): VN058402.D (-1962) (-)

Ion 87.00 (86.70 to 87.70): VN058402.D (-1962) (-)



#44

Trichloroethene

Concen: 0.498 ug/l

RT: 8.82 min Scan# 2193

Delta R.T. 0.00 min

Lab File: VN058466.D

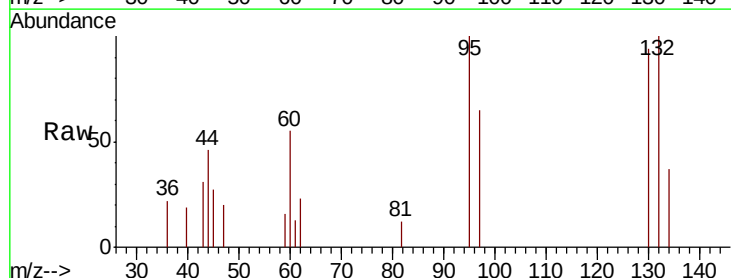
Acq: 1 Oct 2019 16:00

Tgt Ion: 130 Resp: 2293

Ion Ratio Lower Upper

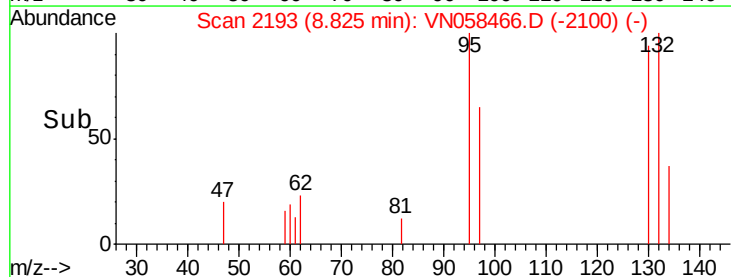
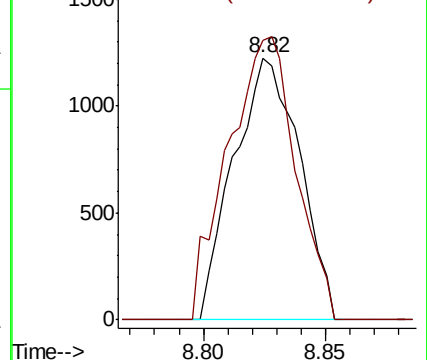
130 100

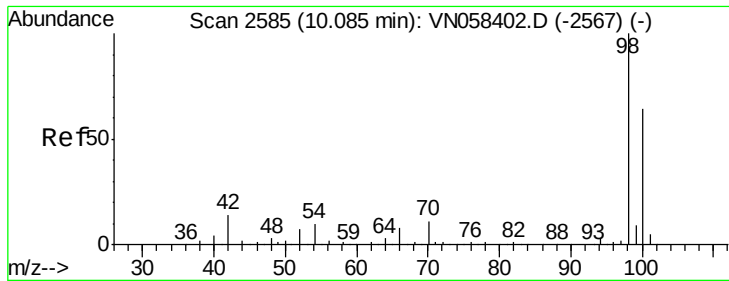
95 106.9 0.0 204.2



Abundance Ion 129.80 (129.50 to 130.50): VN058402.D (-2176) (-)

Ion 94.90 (94.60 to 95.60): VN058402.D (-2176) (-)





#50

Toluene-d8

Concen: 52.400 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Instrument :

MSVOA_N

ClientSampled :

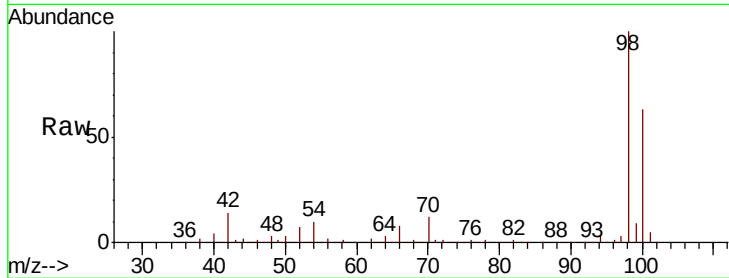
I.BLK

Tot Ion: 98 Resp: 853232

Ion Ratio Lower Upper

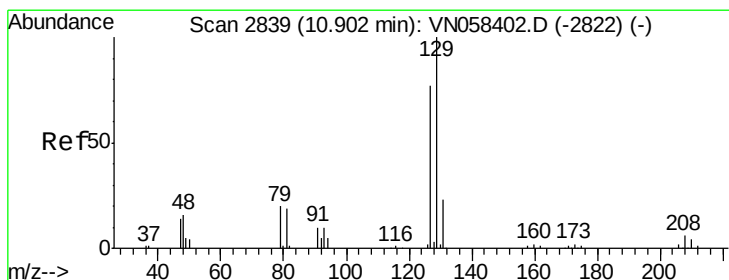
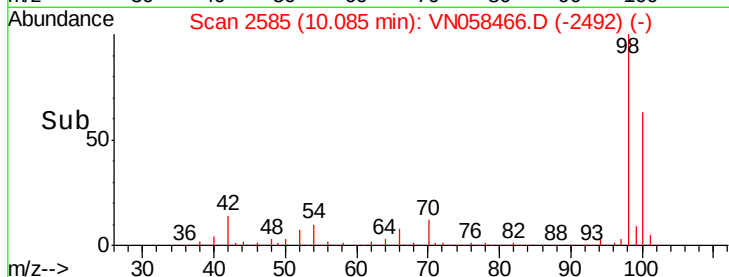
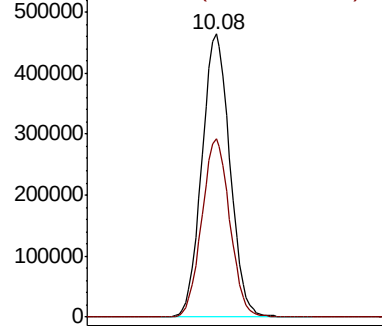
98 100

100 63.0 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#60

Dibromochloromethane

Concen: 9.931 ug/l

RT: 10.63 min Scan# 2754

Delta R.T. -0.27 min

Lab File: VN058466.D

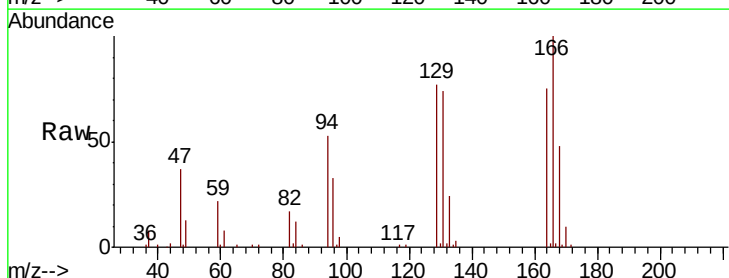
Acq: 1 Oct 2019 16:00

Tgt Ion:129 Resp: 45897

Ion Ratio Lower Upper

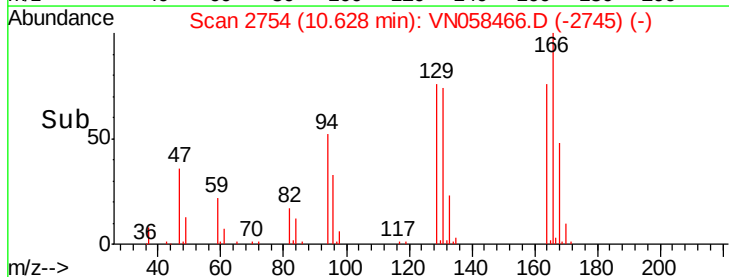
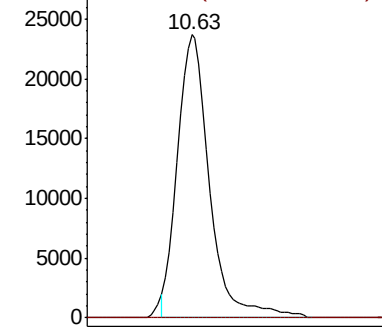
129 100

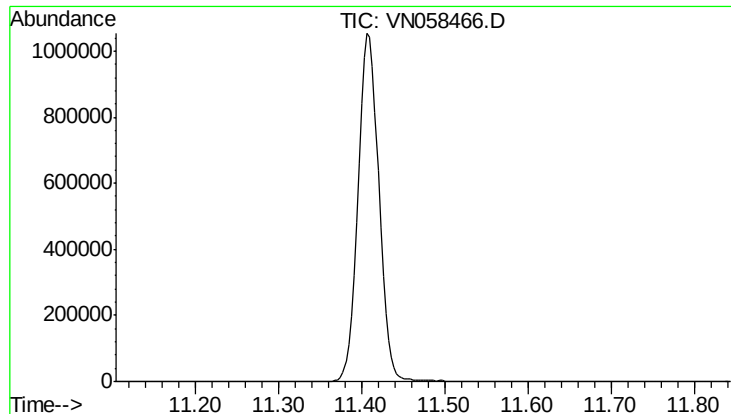
127 0.0 38.3 114.8#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

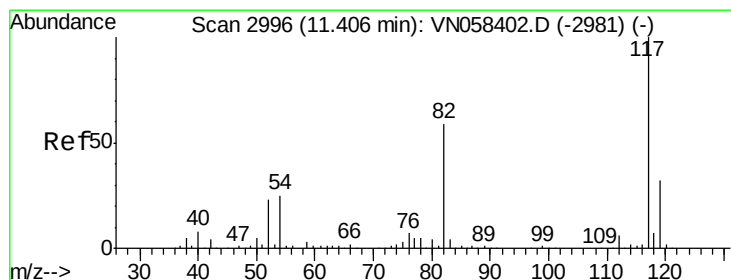
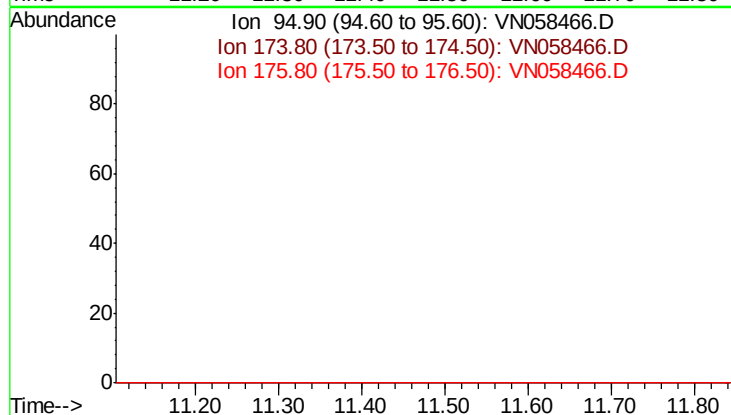




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.40 min
 Lab File: VN058466.D
 Acq: 1 Oct 2019 16:00

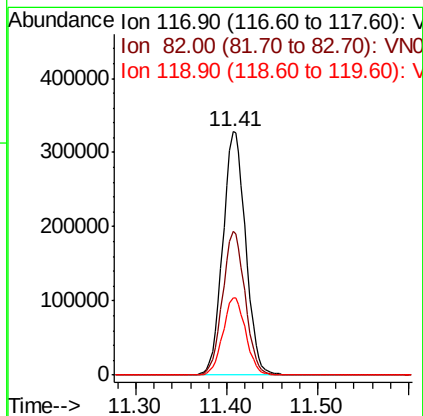
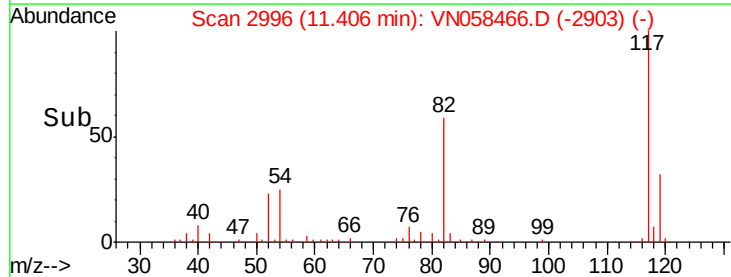
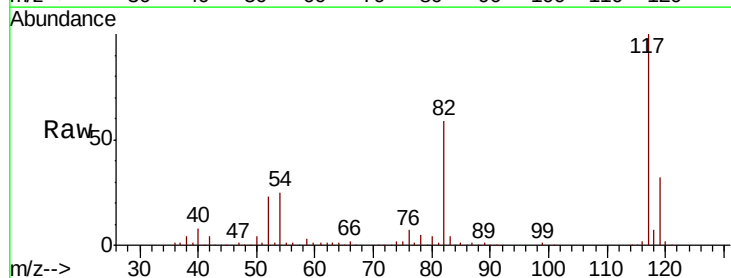
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

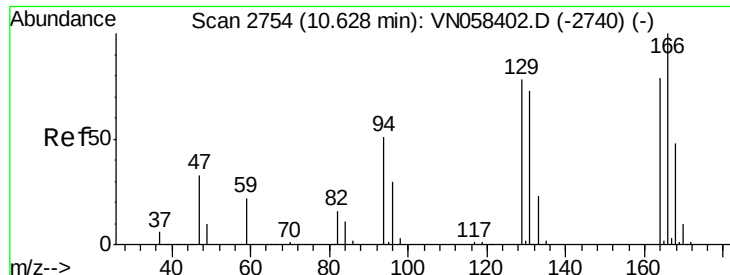
Tot Ion: 95
 Sig Exp Ratio
 95 100
 174 75.3
 176 73.1



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058466.D
 Acq: 1 Oct 2019 16:00

Tgt Ion: 117 Resp: 570690
 Ion Ratio Lower Upper
 117 100
 82 58.8 47.4 71.0
 119 31.8 25.5 38.3





#64

Tetrachloroethene

Concen: 12.967 ug/l

RT: 10.63 min Scan# 2755

Delta R.T. 0.00 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

Tot Ion:164 Resp: 47015

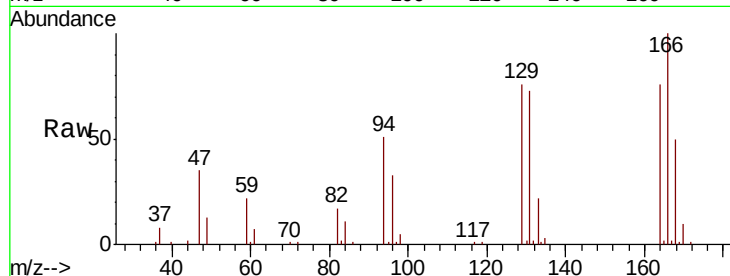
Ion Ratio Lower Upper

164 100

166 132.3 101.1 151.7

129 100.3 79.2 118.8

131 97.0 74.1 111.1

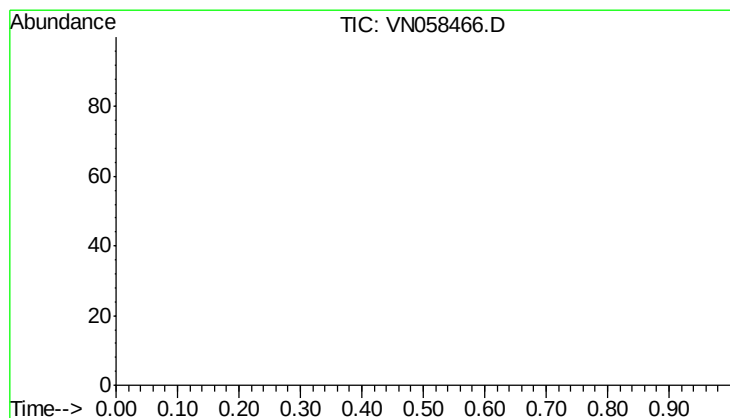
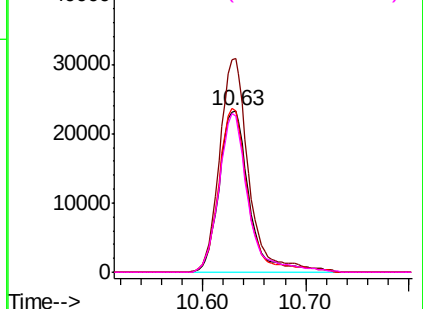
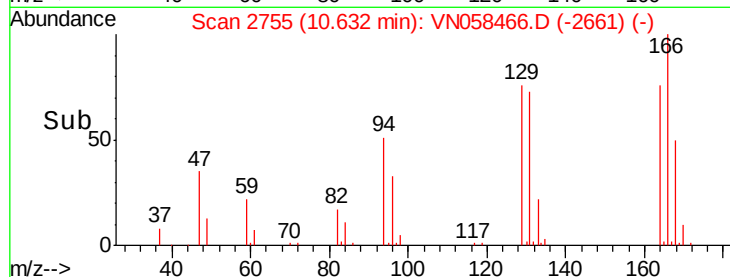


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.35 min

Lab File: VN058466.D

Acq: 1 Oct 2019 16:00

Tgt Ion: 152

Sig Exp Ratio

152 100

115 60.0

150 174.1

