

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
 Data File : VN058409.D
 Acq On : 27 Sep 2019 15:45
 Operator : JC/SP
 Sample : K5087-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Sep 28 00:04:06 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	466443	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	747649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	625155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	237751	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	318028	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
35) Dibromofluoromethane	7.58	113	222097	48.82	ug/l	0.00
Spiked Amount			Recovery	=	97.64%	
50) Toluene-d8	10.08	98	911199	51.54	ug/l	0.00
Spiked Amount			Recovery	=	103.08%	
62) 4-Bromofluorobenzene	12.41	95	290970	44.43	ug/l	0.00
Spiked Amount			Recovery	=	88.86%	

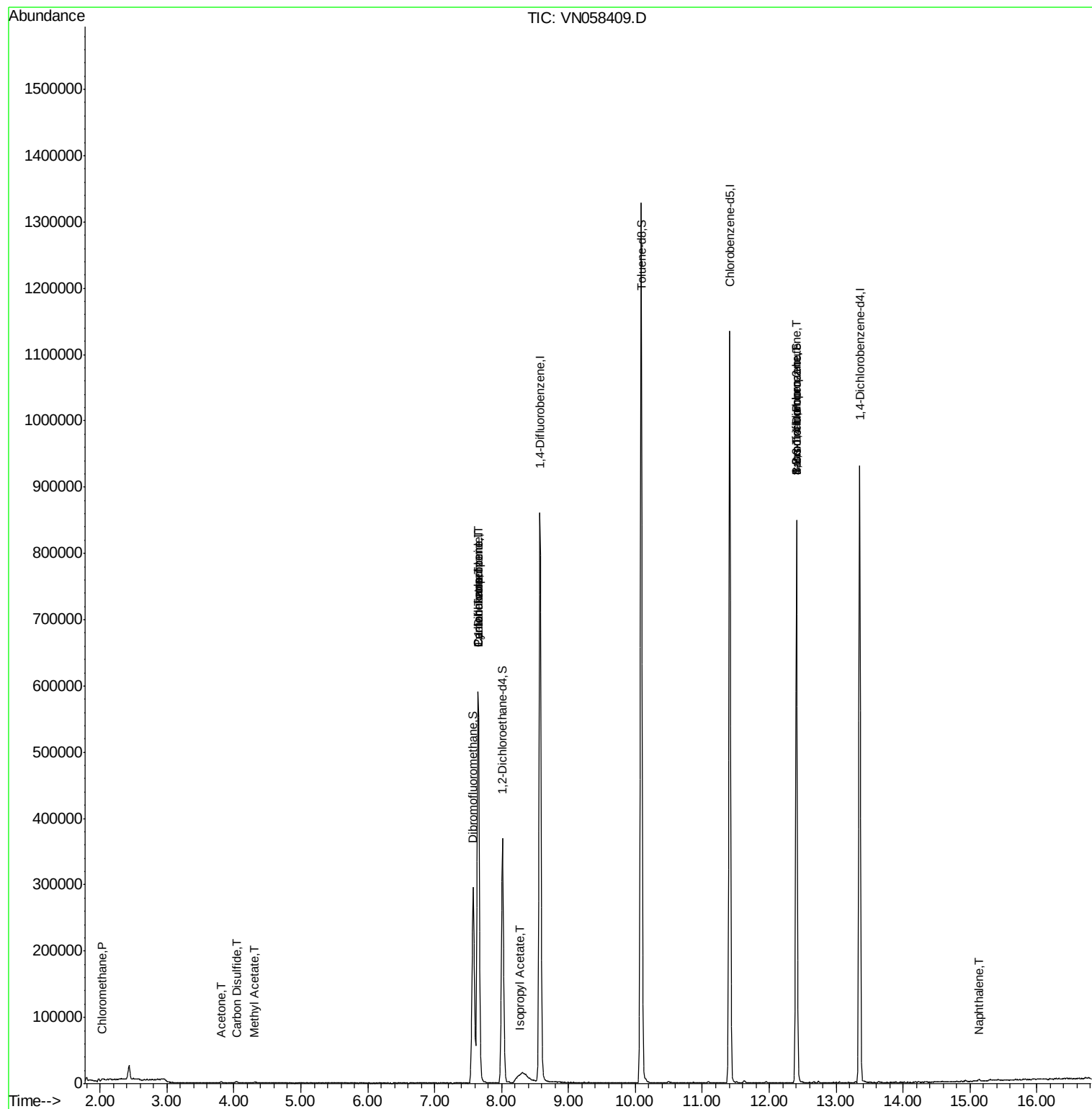
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.04	50	1080	0.270	ug/l #	80
16) Acetone	3.81	43	2228	0.986	ug/l	95
17) Carbon Disulfide	4.04	76	1614	0.257	ug/l #	74
18) Methyl Acetate	4.31	43	1252	0.214	ug/l #	64
31) Cyclohexane	7.65	56	11854	1.699	ug/l #	30
36) 1,1-Dichloropropene	7.65	75	39251	6.794	ug/l #	51
38) Carbon Tetrachloride	7.65	117	46507	8.196	ug/l #	16
43) Isopropyl Acetate	8.26	43	13598	1.278	ug/l #	63
71) Bromoform	12.40	173	628	0.247	ug/l #	1
76) 1,2,3-Trichloropropane	12.41	75	155571	36.047	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	155571	117.190	ug/l #	7
95) Naphthalene	15.14	128	2841	0.252	ug/l #	80

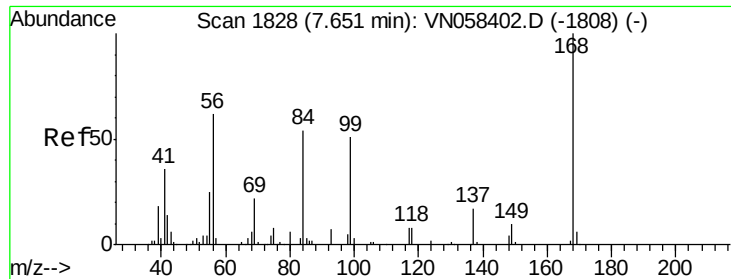
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN092719\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN058409.D

Acq: 27 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

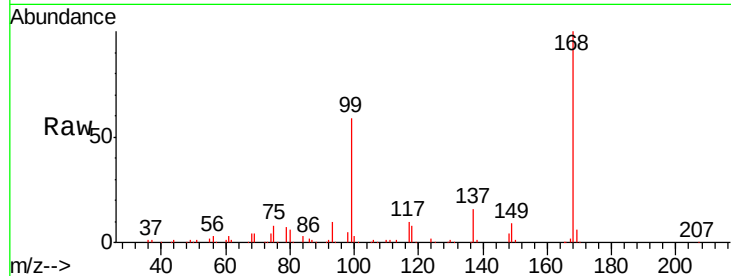
STORAGE-BLANK-WATER-REF-4

Tgt Ion:168 Resp: 466443

Ion Ratio Lower Upper

168 100

99 58.8 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

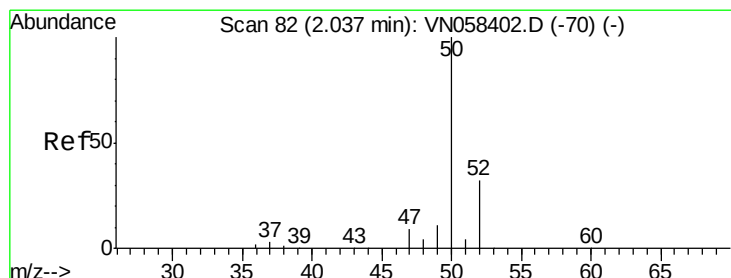
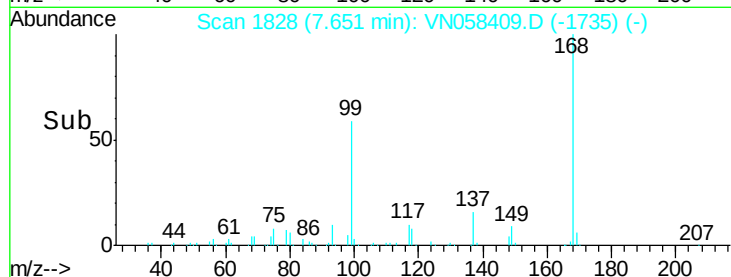
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.270 ug/l

RT: 2.04 min Scan# 82

Delta R.T. -0.00 min

Lab File: VN058409.D

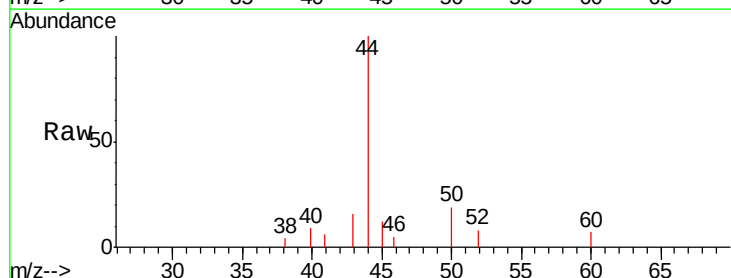
Acq: 27 Sep 2019 15:45

Tgt Ion: 50 Resp: 1080

Ion Ratio Lower Upper

50 100

52 43.9 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

800

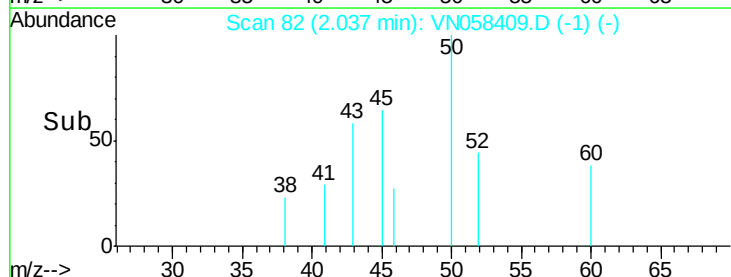
600

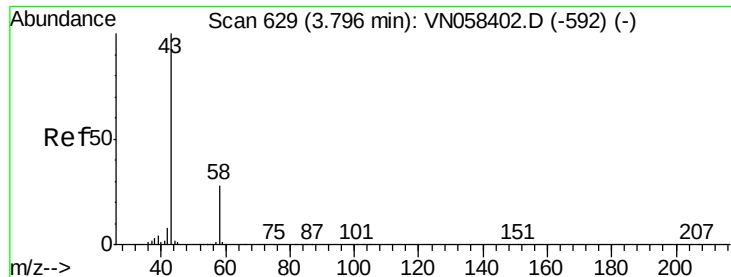
400

200

0

Time-->





#16

Acetone

Concen: 0.986 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN058409.D

Acq: 27 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

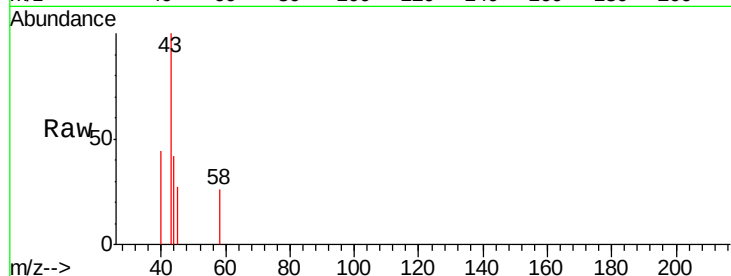
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 2228

Ion Ratio Lower Upper

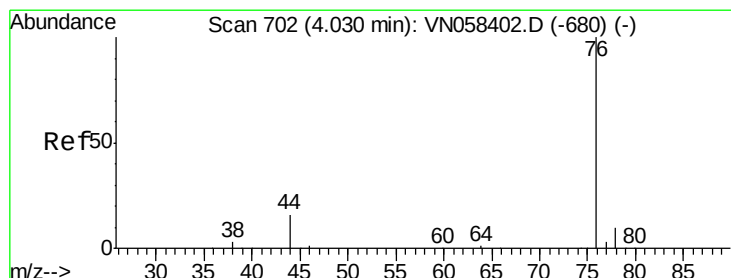
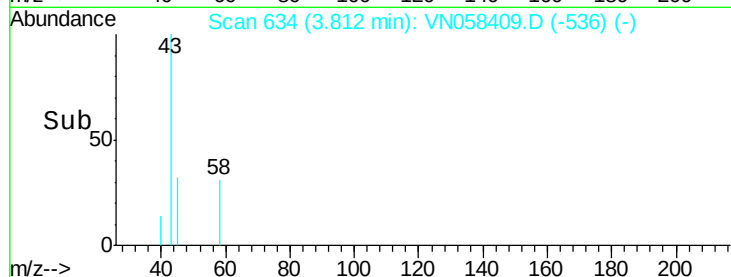
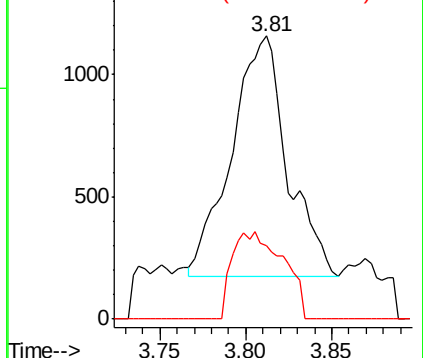
43 100

58 30.6 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#17

Carbon Disulfide

Concen: 0.257 ug/l

RT: 4.04 min Scan# 704

Delta R.T. 0.01 min

Lab File: VN058409.D

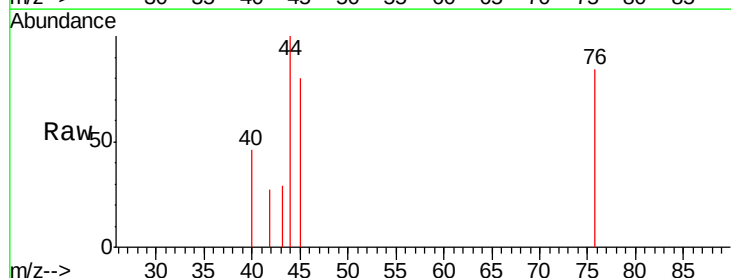
Acq: 27 Sep 2019 15:45

Tgt Ion: 76 Resp: 1614

Ion Ratio Lower Upper

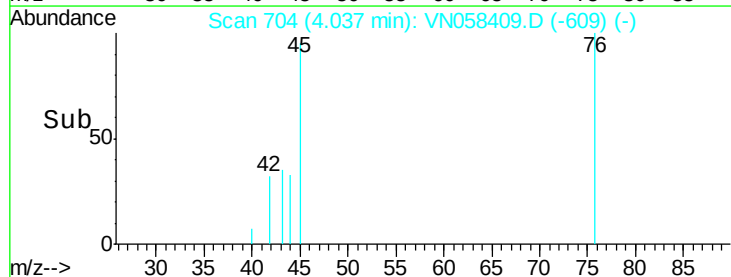
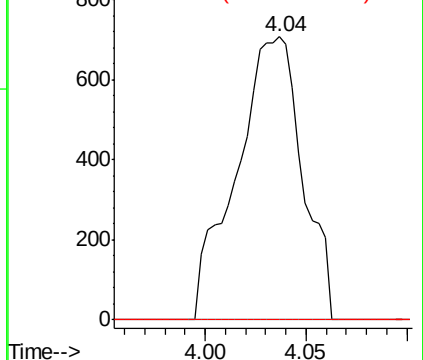
76 100

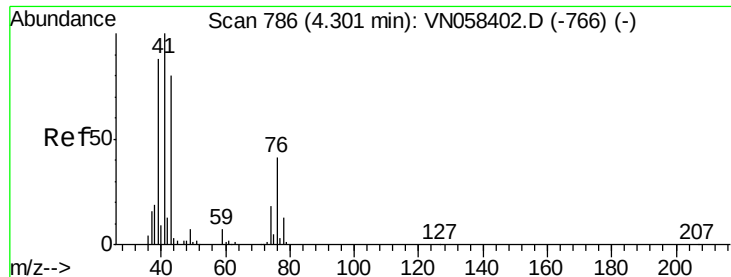
78 0.0 7.7 11.5#



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

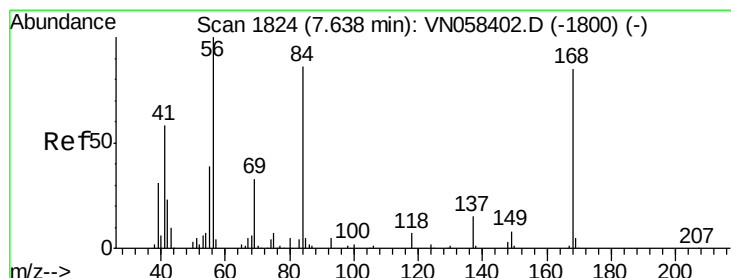
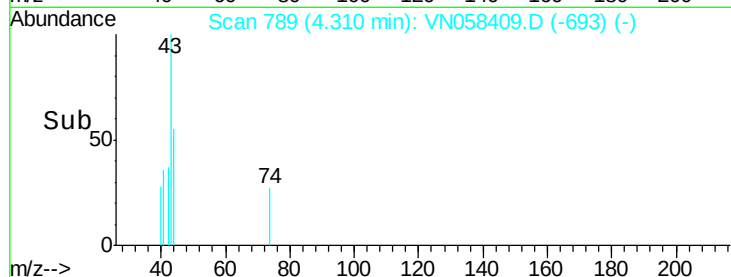
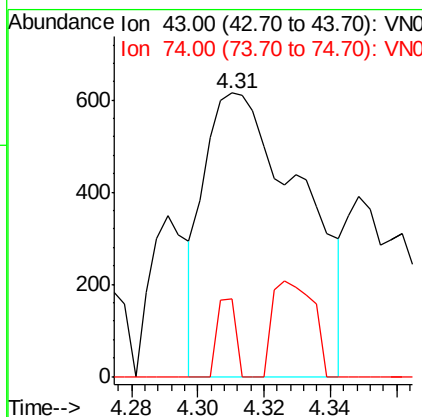
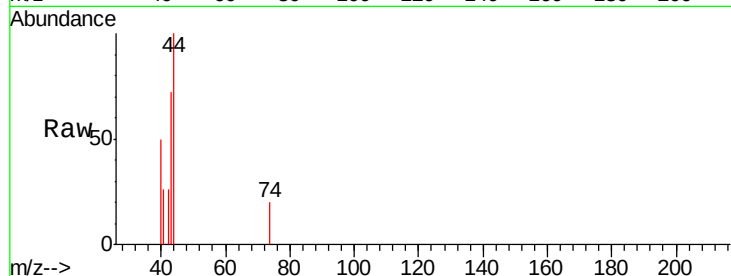




#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 4.31 min Scan# 789
Delta R.T. 0.01 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

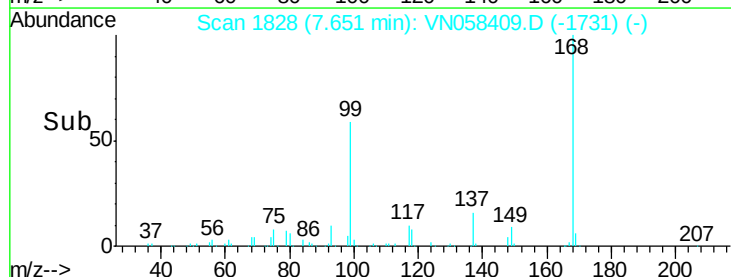
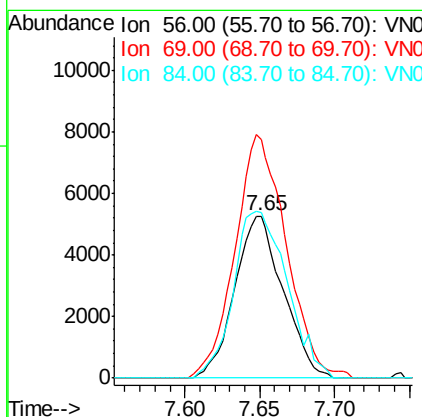
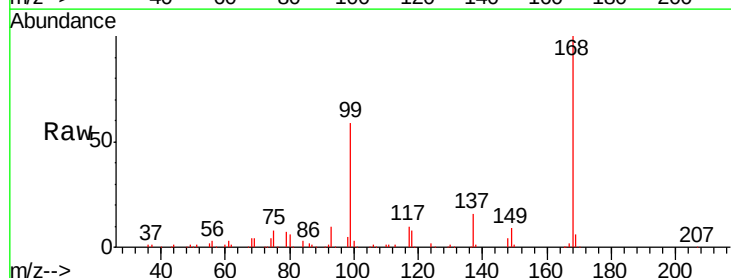
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

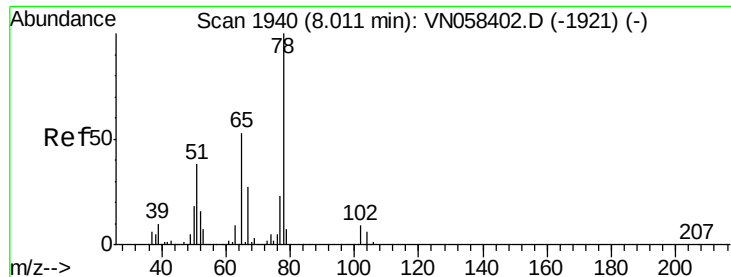
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
74 5.1 18.0 27.0#



#31
Cyclohexane
Concen: 1.699 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

Tgt Ion: 56 Resp: 11854
Ion Ratio Lower Upper
56 100
69 146.9 26.2 39.4#
84 101.6 67.6 101.4#

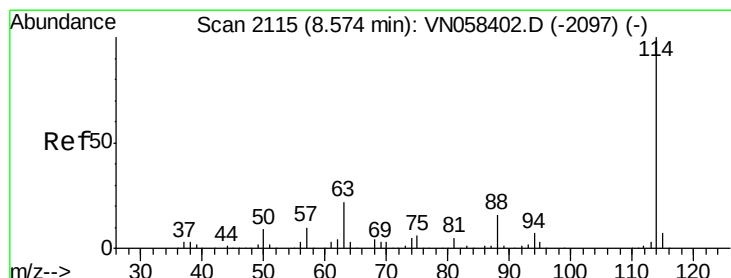
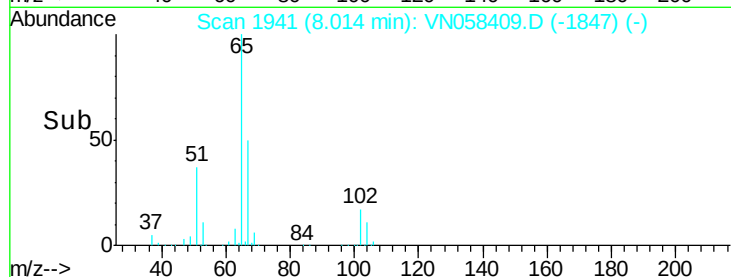
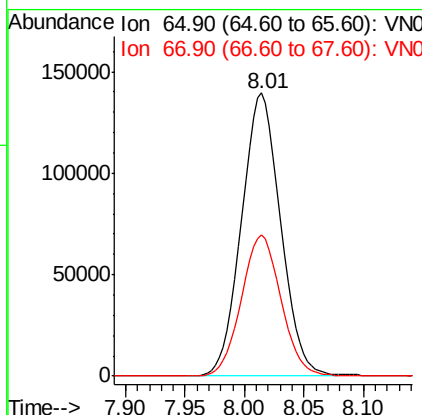
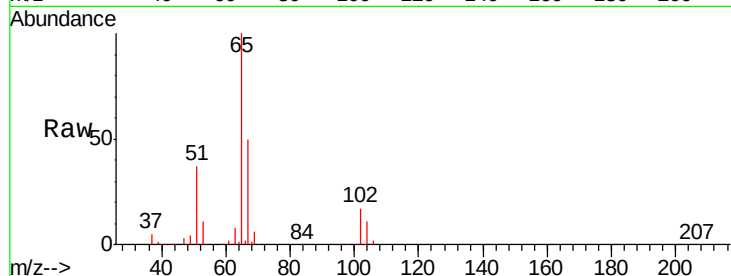




#33
 1,2-Dichloroethane-d4
 Concen: 48.455 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN058409.D
 Acq: 27 Sep 2019 15:45

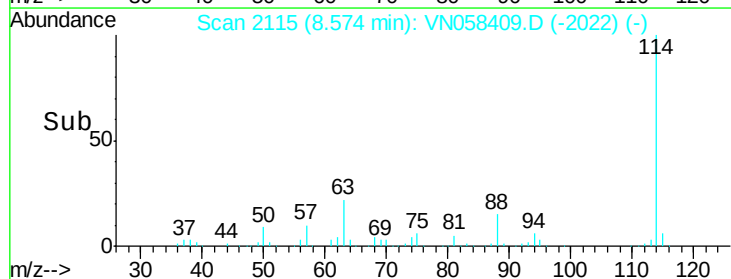
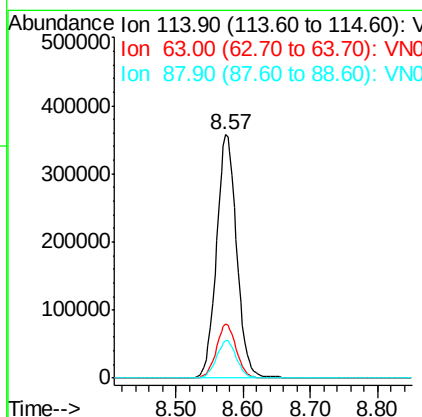
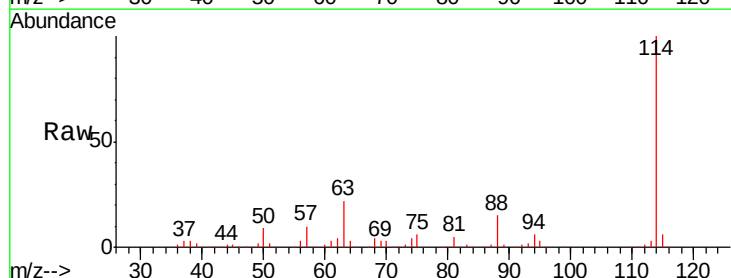
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

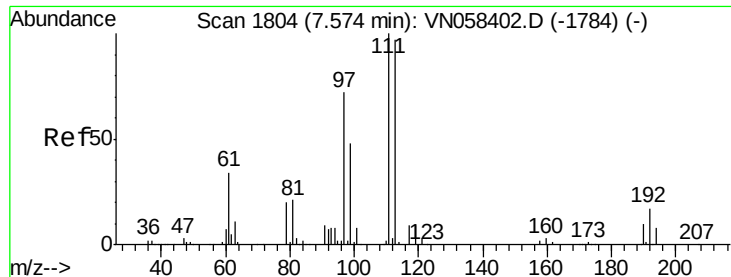
Tgt Ion: 65 Resp: 318028
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058409.D
 Acq: 27 Sep 2019 15:45

Tgt Ion: 114 Resp: 747649
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.0
 88 15.3 0.0 32.2

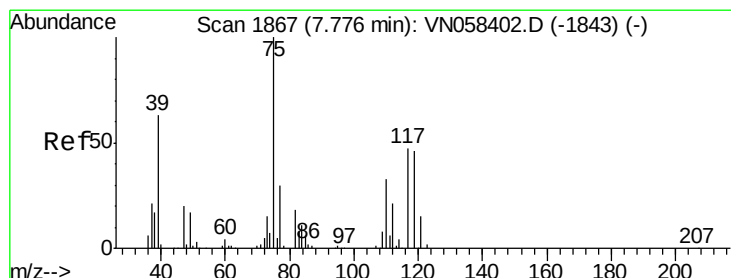
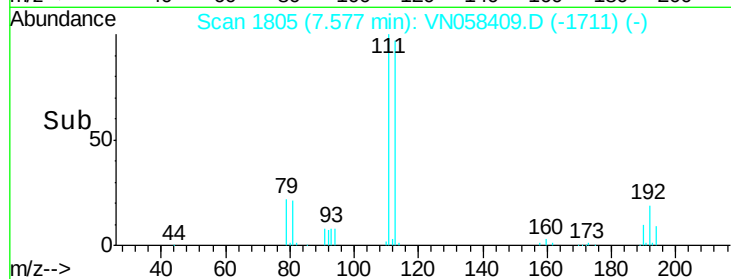
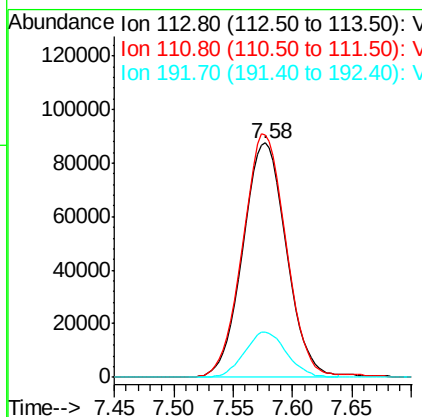
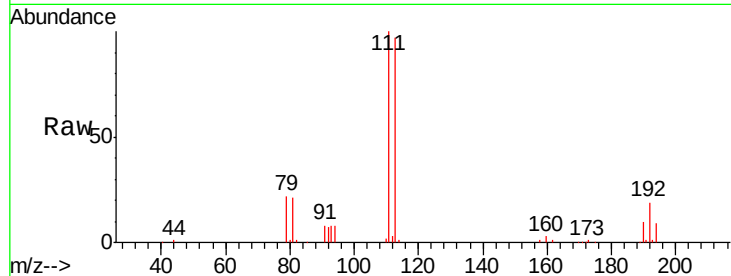




#35
 Dibromofluoromethane
 Concen: 48.817 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058409.D
 Acq: 27 Sep 2019 15:45

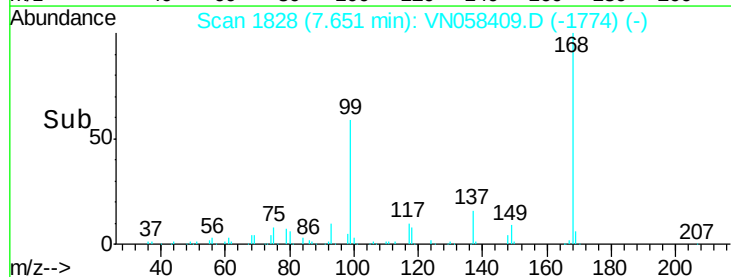
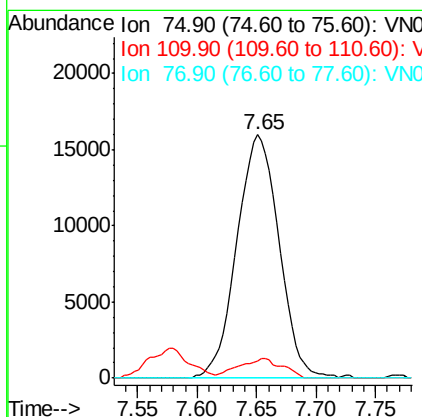
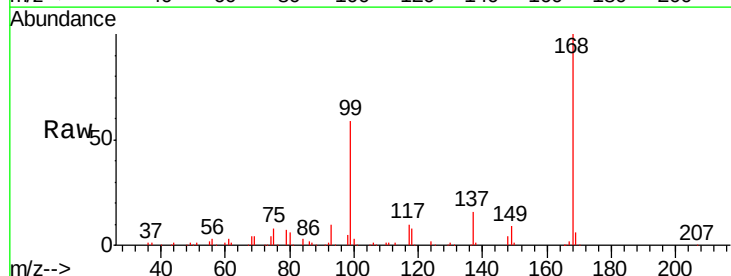
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

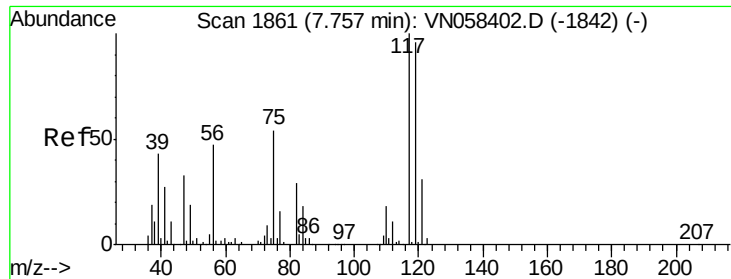
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	83.4	125.2
192	18.9	14.9	22.3



#36
 1,1-Dichloropropene
 Concen: 6.794 ug/l
 RT: 7.65 min Scan# 1828
 Delta R.T. -0.13 min
 Lab File: VN058409.D
 Acq: 27 Sep 2019 15:45

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.3	16.4	49.2#
77	0.0	24.3	36.5#





#38

Carbon Tetrachloride

Concen: 8.196 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.10 min

Lab File: VN058409.D

Acq: 27 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

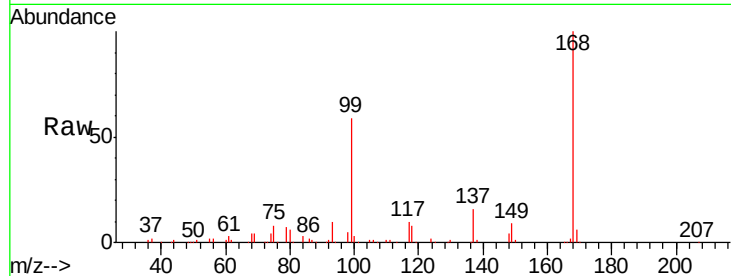
Tgt Ion:117 Resp: 46507

Ion Ratio Lower Upper

117 100

119 4.6 76.6 115.0#

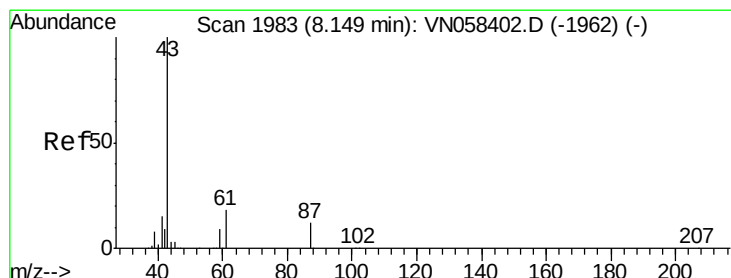
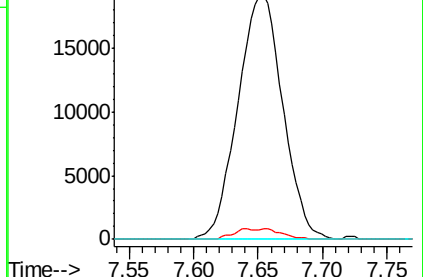
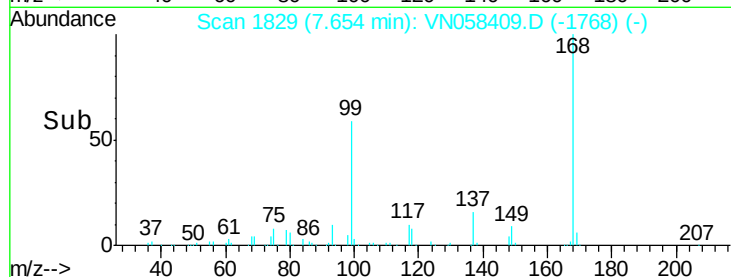
121 0.0 24.7 37.1#



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: 1.278 ug/l

RT: 8.26 min Scan# 2018

Delta R.T. 0.11 min

Lab File: VN058409.D

Acq: 27 Sep 2019 15:45

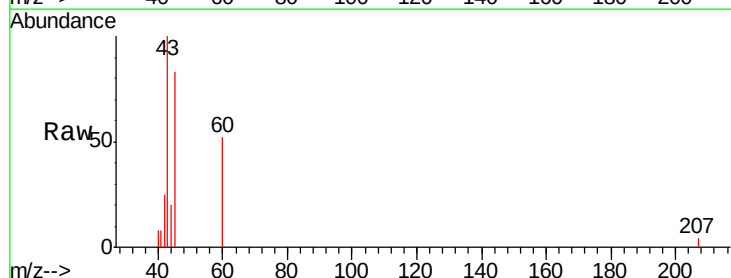
Tgt Ion: 43 Resp: 13598

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

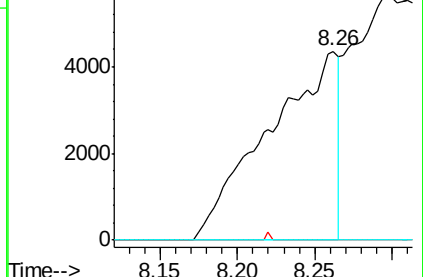
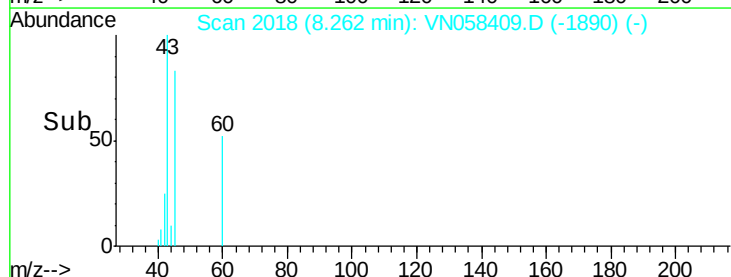
87 0.0 9.7 14.5#

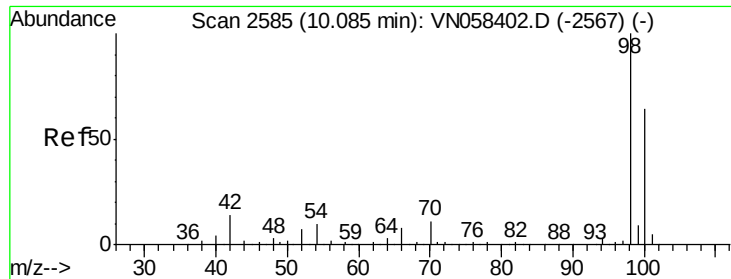


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V

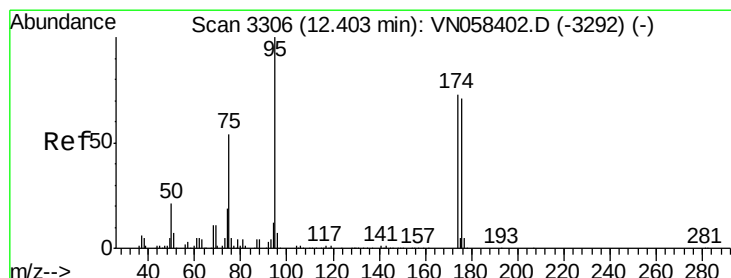
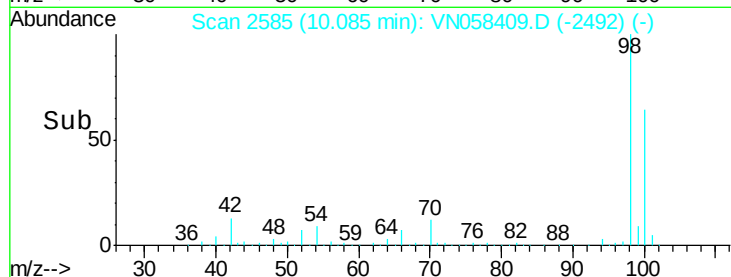
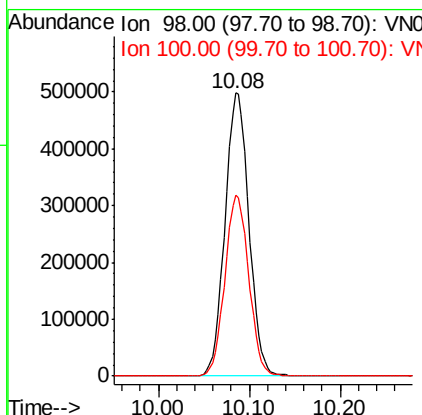
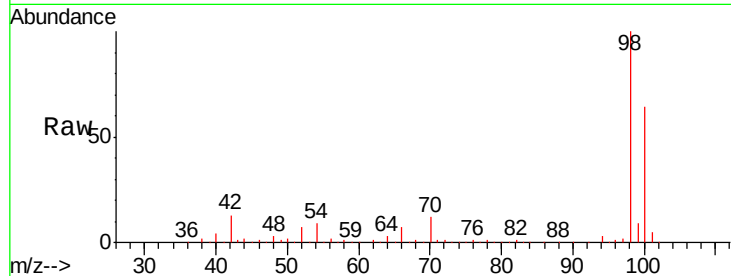




#50
Toluene-d8
Concen: 51.537 ug/l
RT: 10.08 min Scan# 2585
Delta R.T. -0.00 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

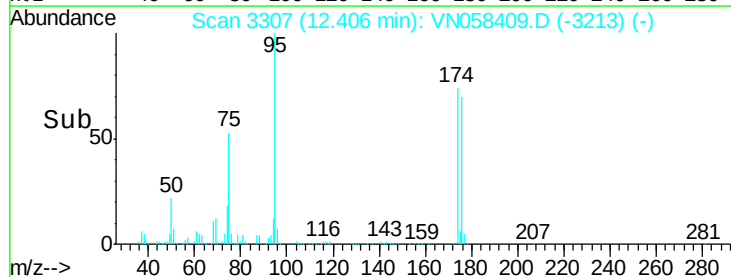
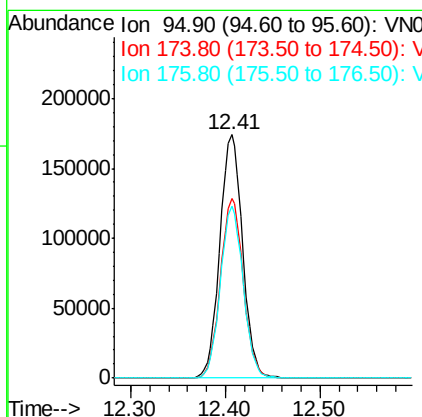
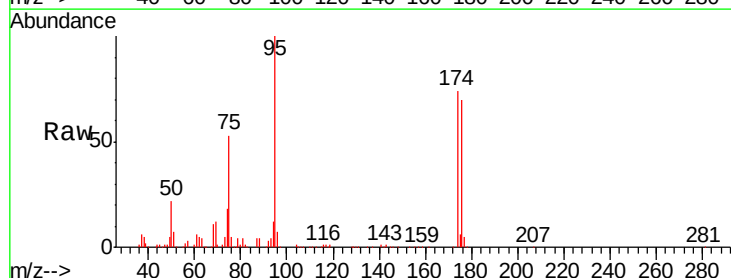
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-4

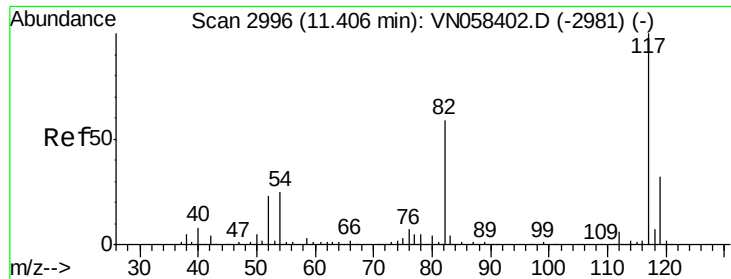
Tgt Ion: 98 Resp: 911199
Ion Ratio Lower Upper
98 100
100 63.9 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 44.432 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

Tgt Ion: 95 Resp: 290970
Ion Ratio Lower Upper
95 100
174 74.1 0.0 150.6
176 70.7 0.0 146.2

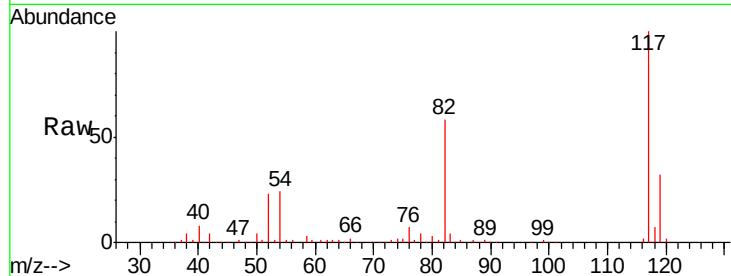




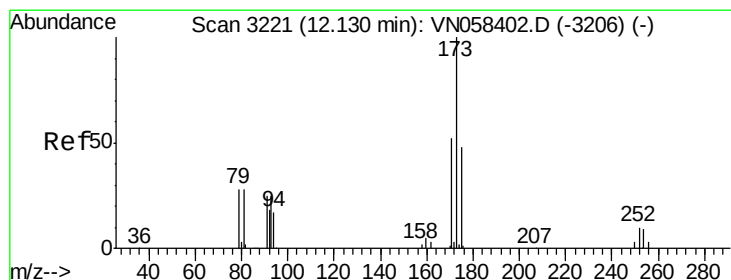
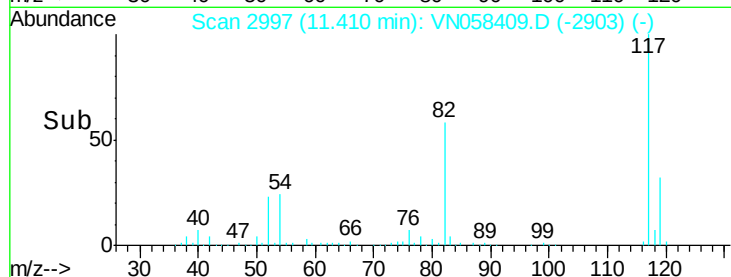
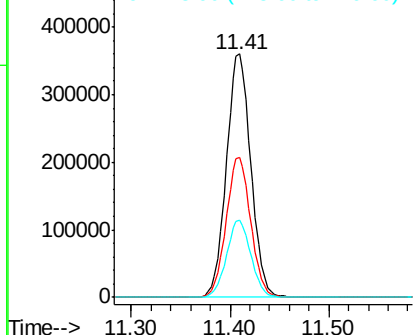
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:117 Resp: 625155
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.0
119 31.6 25.5 38.3

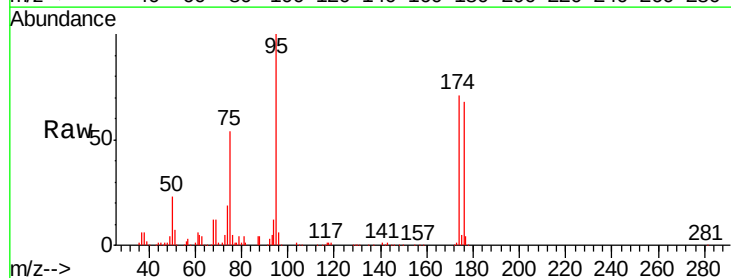


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V

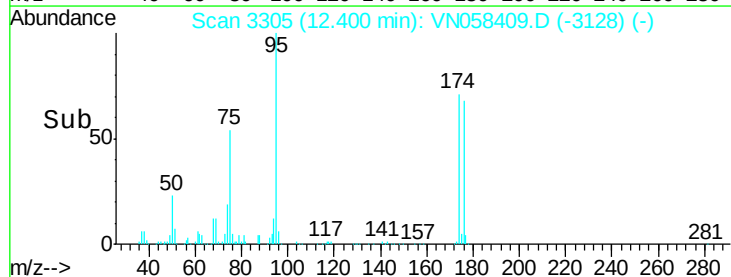
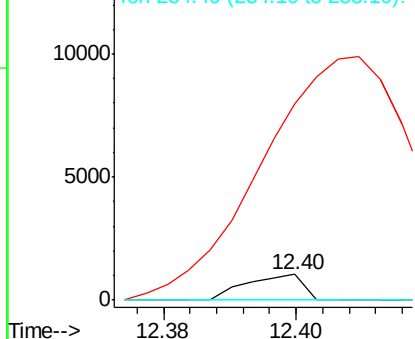


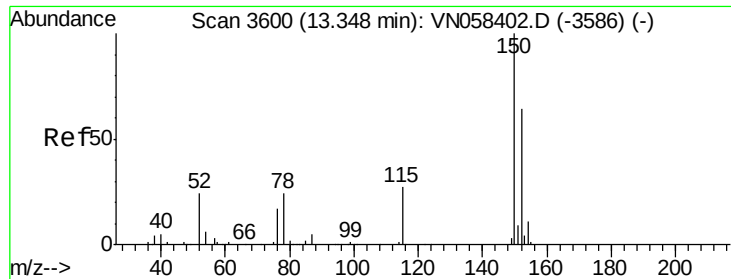
#71
Bromoform
Concen: 0.247 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.27 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

Tgt Ion:173 Resp: 628
Ion Ratio Lower Upper
173 100
175 2202.1 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



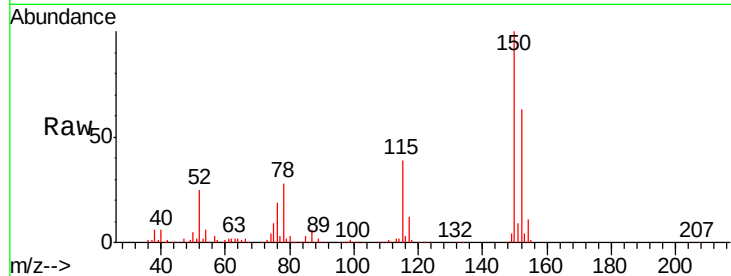


#72

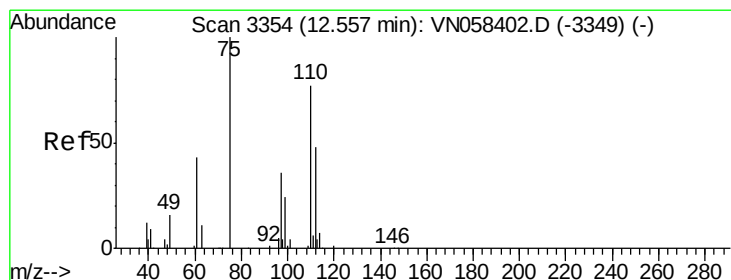
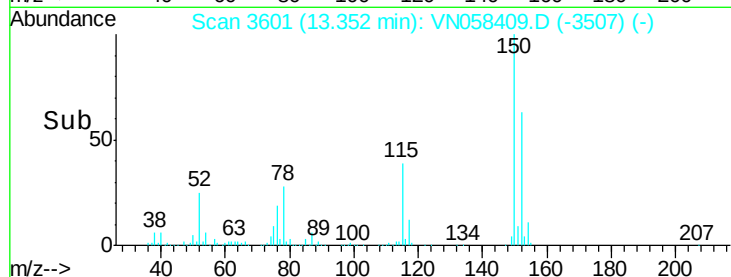
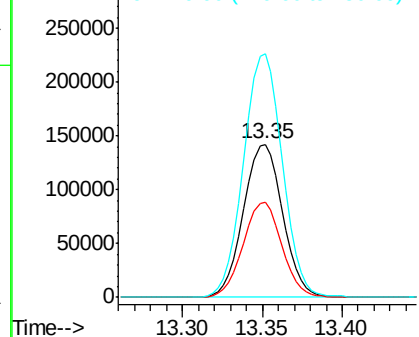
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tgt Ion:152 Resp: 237751
Ion Ratio Lower Upper
152 100
115 61.2 30.0 90.0
150 157.8 0.0 348.2



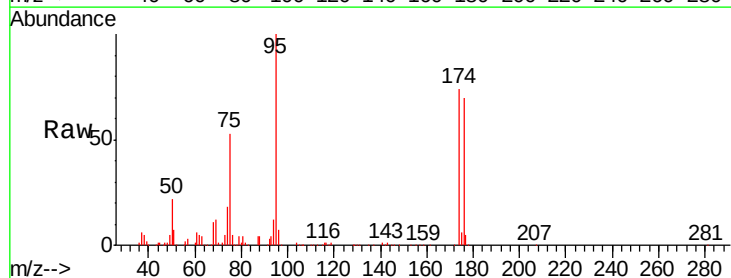
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



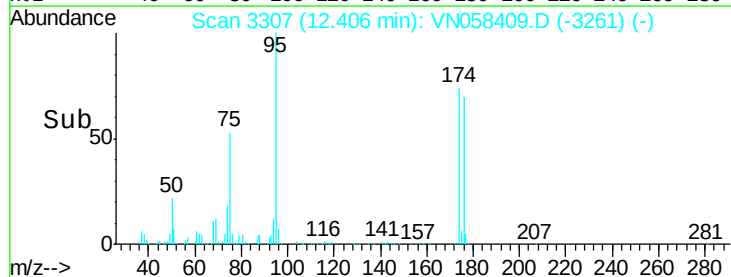
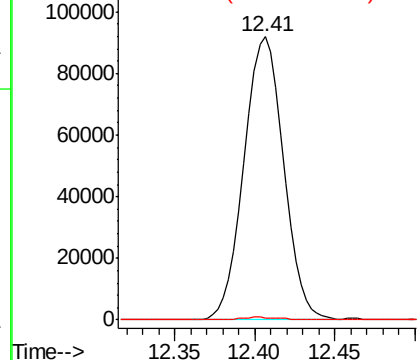
#76

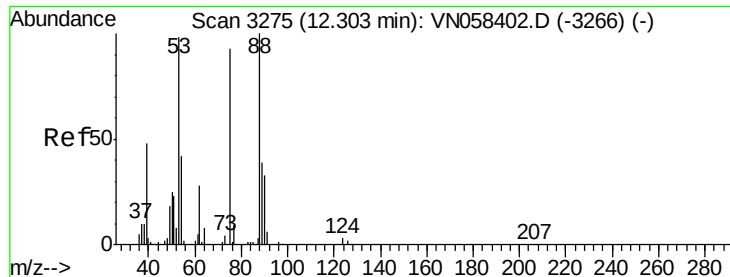
1,2,3-Trichloropropane
Concen: 36.047 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.15 min
Lab File: VN058409.D
Acq: 27 Sep 2019 15:45

Tgt Ion: 75 Resp: 155571
Ion Ratio Lower Upper
75 100
77 1.0 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: 117.190 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058409.D

Acq: 27 Sep 2019 15:45

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

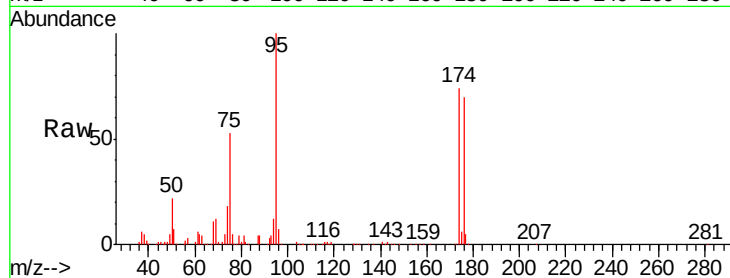
Tgt Ion: 75 Resp: 155571

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

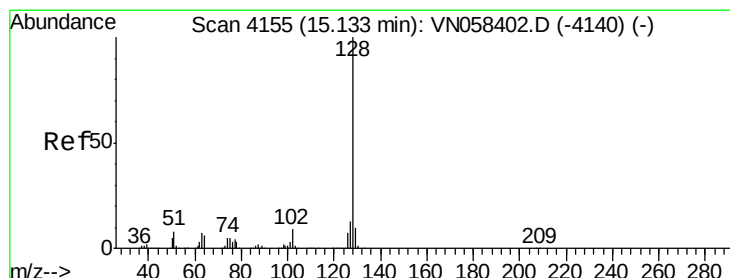
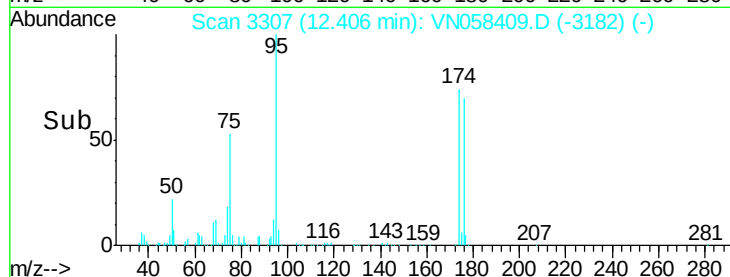
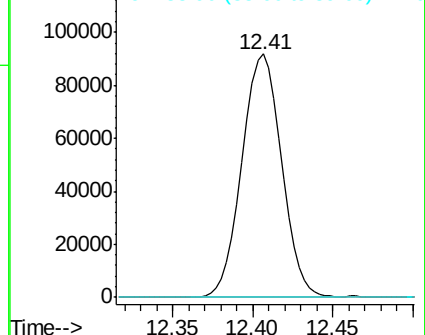
89 0.0 35.0 52.4#



Abundance Ion 74.90 (74.60 to 75.60): VN058409.D (-3182) (-)

Ion 53.00 (52.70 to 53.70): VN058409.D (-3182) (-)

Ion 88.90 (88.60 to 89.60): VN058409.D (-3182) (-)



#95

Naphthalene

Concen: 0.252 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058409.D

Acq: 27 Sep 2019 15:45

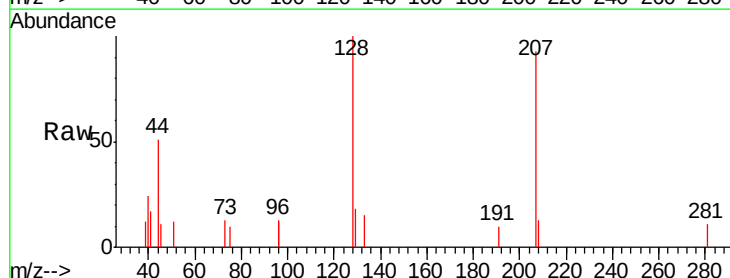
Tgt Ion: 128 Resp: 2841

Ion Ratio Lower Upper

128 100

127 1.1 10.2 15.4#

129 7.4 8.3 12.5#



Abundance Ion 128.00 (127.70 to 128.70): VN058409.D (-4062) (-)

Ion 127.00 (126.70 to 127.70): VN058409.D (-4062) (-)

Ion 129.00 (128.70 to 129.70): VN058409.D (-4062) (-)

