

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058439.D
 Acq On : 30 Sep 2019 16:39
 Operator : JC/SP
 Sample : K5080-19
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW186S-20190925

Quant Time: Oct 01 01:33:12 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	410913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	670163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564776	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	209870	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	302696	50.41	ug/l	0.00
Spiked Amount			Recovery	=	100.82%	
35) Dibromofluoromethane	7.57	113	210935	51.36	ug/l	0.00
Spiked Amount			Recovery	=	102.72%	
50) Toluene-d8	10.08	98	850030	52.83	ug/l	0.00
Spiked Amount			Recovery	=	105.66%	
62) 4-Bromofluorobenzene	12.41	95	262326	45.09	ug/l	0.00
Spiked Amount			Recovery	=	90.18%	

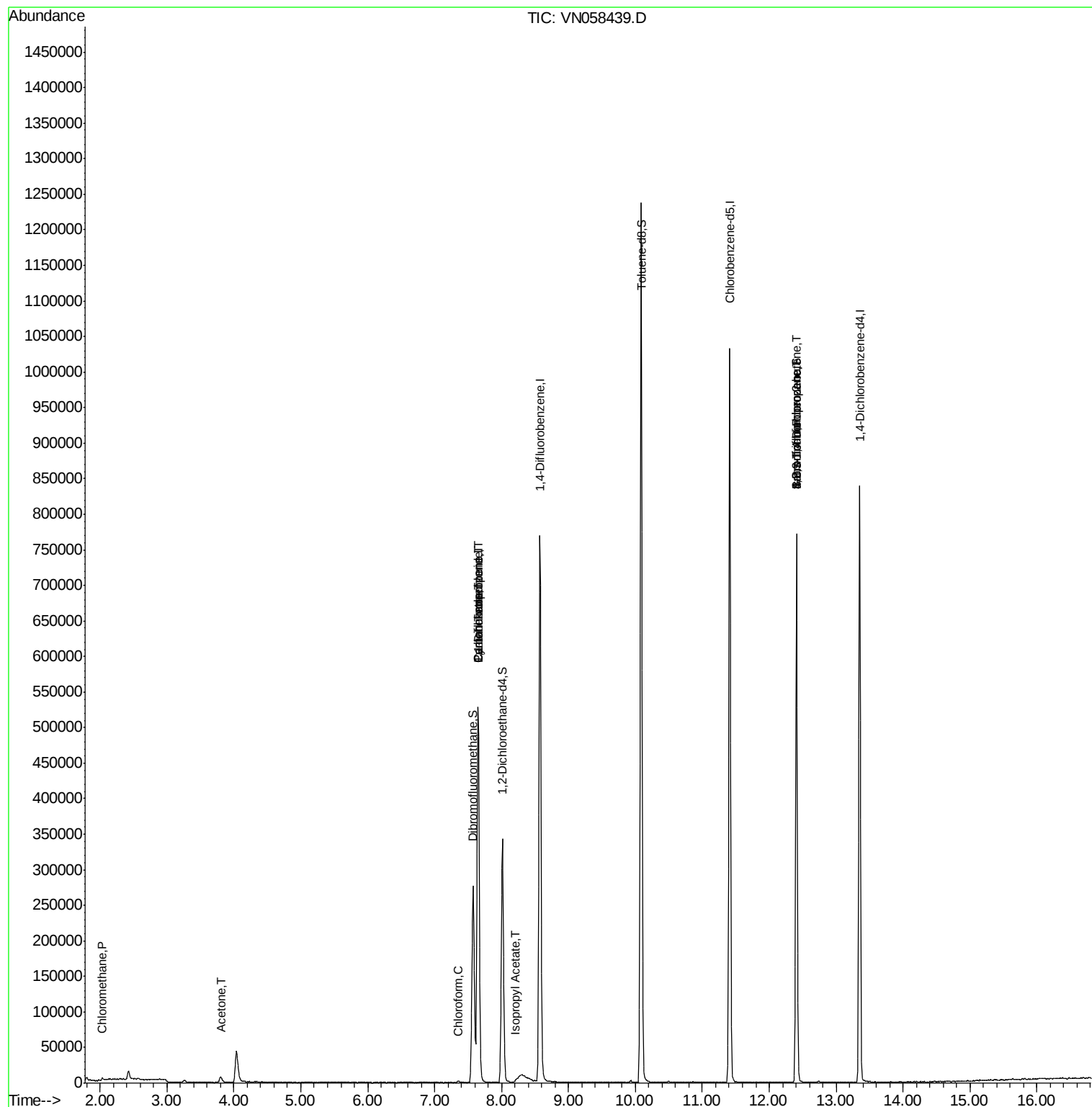
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.03	50	1733	0.350	ug/l	93
16) Acetone	3.81	43	14158	6.917	ug/l #	86
30) Chloroform	7.35	83	2547	0.294	ug/l #	70
31) Cyclohexane	7.65	56	10386	1.250	ug/l #	23
36) 1,1-Dichloropropene	7.65	75	36653	5.720	ug/l #	50
38) Carbon Tetrachloride	7.65	117	44375	7.672	ug/l #	15
43) Isopropyl Acetate	8.21	43	2203	0.216	ug/l #	63
71) Bromoform	12.40	173	410	0.849	ug/l #	29
76) 1,2,3-Trichloropropane	12.41	75	142168	37.088	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.41	75	142168	112.640	ug/l #	7
95) Naphthalene	15.15	128	180	Below Cal	#	70

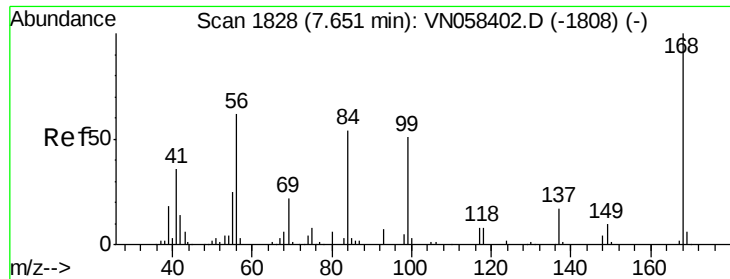
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN093019\
Data File : VN058439.D
Acq On : 30 Sep 2019 16:39
Operator : JC/SP
Sample : K5080-19
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SA-MW186S-20190925

Quant Time: Oct 01 01:33:12 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 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: VN058439.D

Acq: 30 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

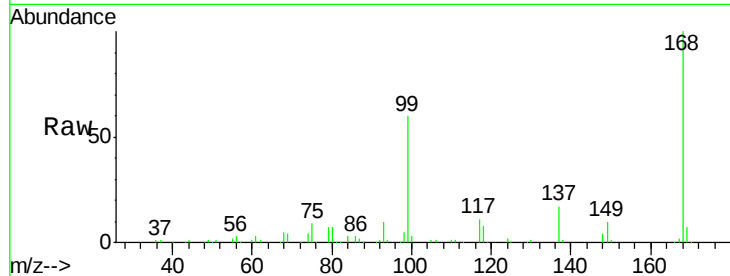
SA-MW186S-20190925

Tot Ion:168 Resp: 410913

Ion Ratio Lower Upper

168 100

99 60.3 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

100000

50000

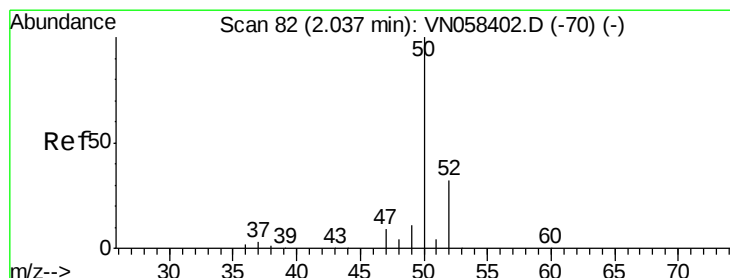
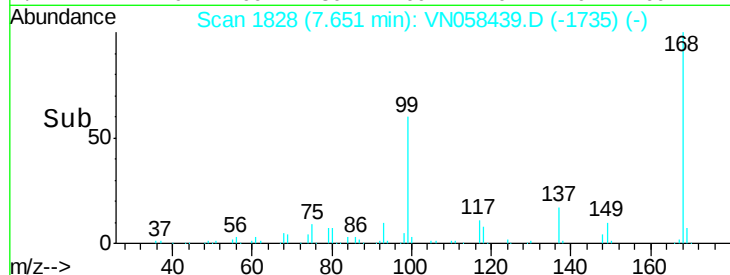
0

7.65

7.60

7.70

Time-->



#3

Chloromethane

Concen: 0.350 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN058439.D

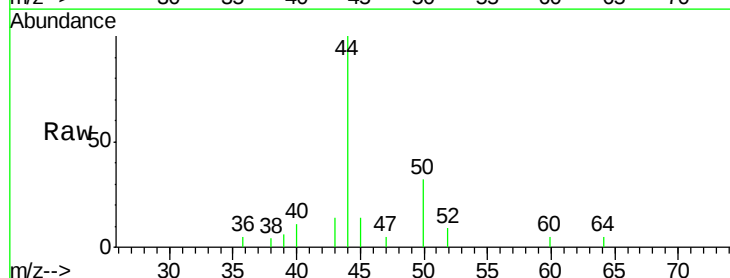
Acq: 30 Sep 2019 16:39

Tgt Ion: 50 Resp: 1733

Ion Ratio Lower Upper

50 100

52 28.6 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VN

Ion 51.90 (51.60 to 52.60): VN

1200

1000

800

600

400

200

0

2.03

2.00

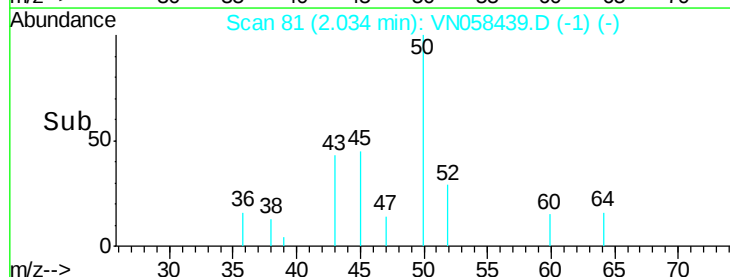
2.02

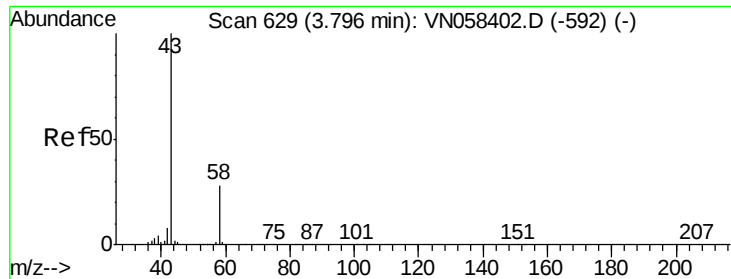
2.04

2.06

2.08

Time-->

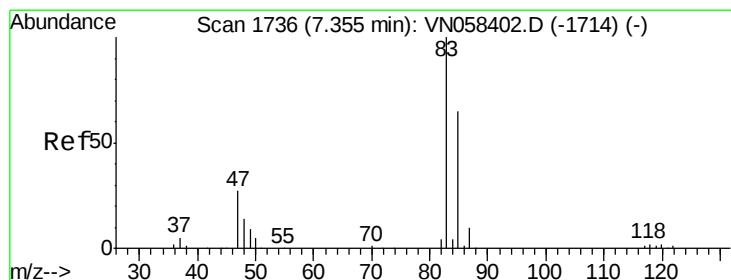
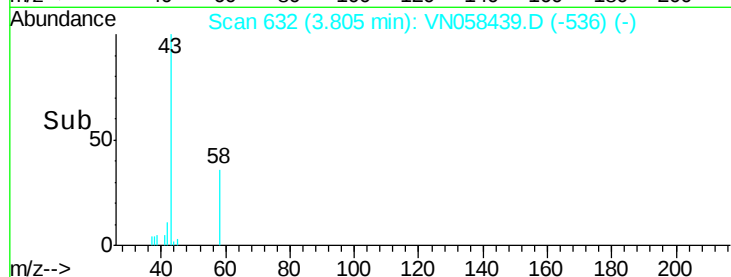
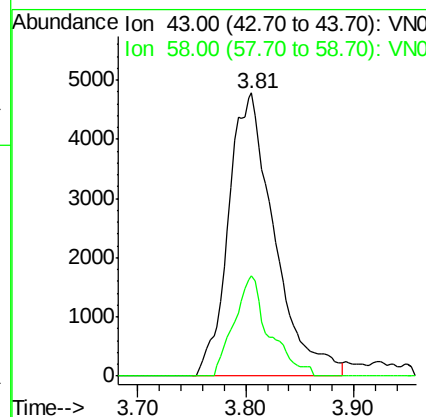
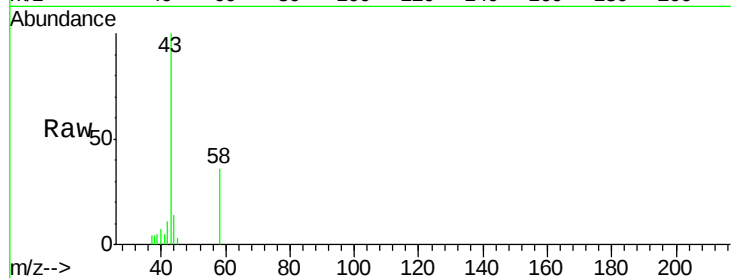




#16
Acetone
Concen: 6.917 ug/l
RT: 3.81 min Scan# 632
Delta R.T. 0.01 min
Lab File: VN058439.D
Acq: 30 Sep 2019 16:39

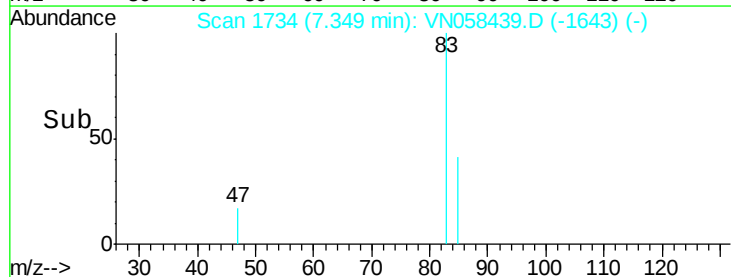
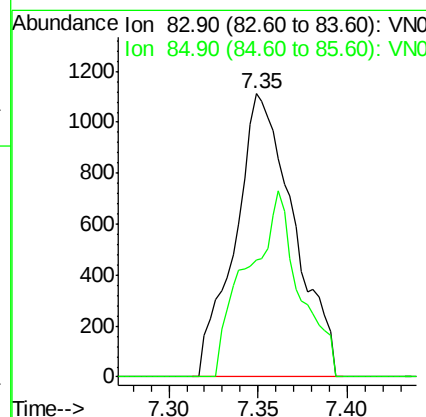
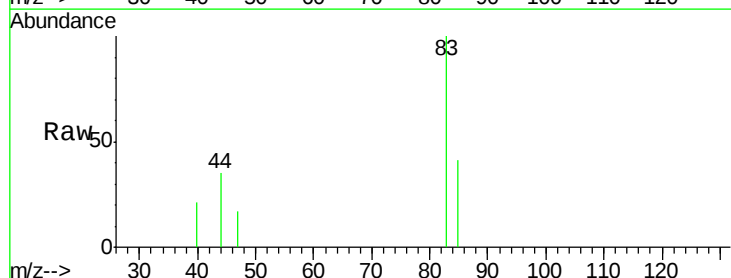
Instrument :
MSVOA_N
ClientSampleId :
SA-MW186S-20190925

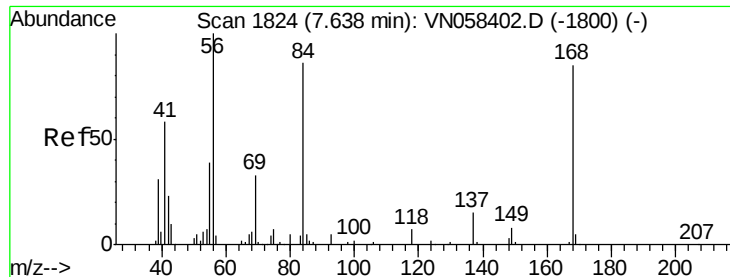
Tot Ion: 43 Resp: 14158
Ion Ratio Lower Upper
43 100
58 35.6 22.4 33.6#



#30
Chloroform
Concen: 0.294 ug/l
RT: 7.35 min Scan# 1734
Delta R.T. -0.01 min
Lab File: VN058439.D
Acq: 30 Sep 2019 16:39

Tgt Ion: 83 Resp: 2547
Ion Ratio Lower Upper
83 100
85 41.3 52.0 78.0#





#31

Cyclohexane

Concen: 1.250 ug/l

RT: 7.65 min Scan# 1827

Delta R.T. 0.01 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

SA-MW186S-20190925

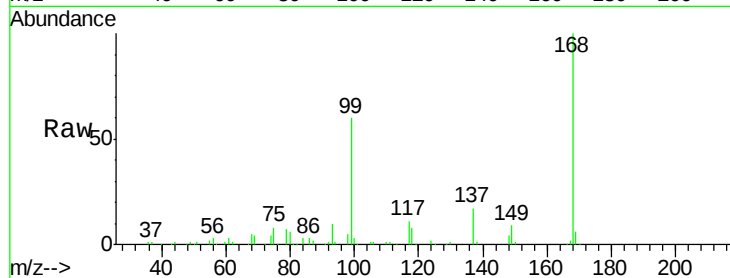
Tot Ion: 56 Resp: 10386

Ion Ratio Lower Upper

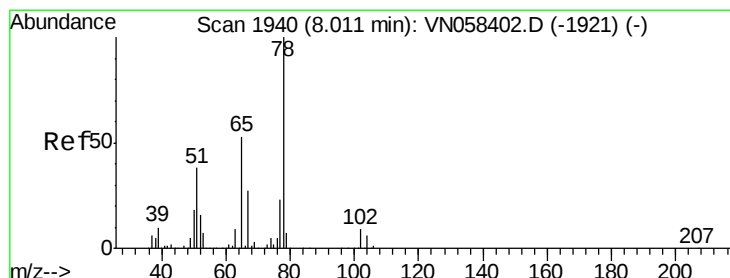
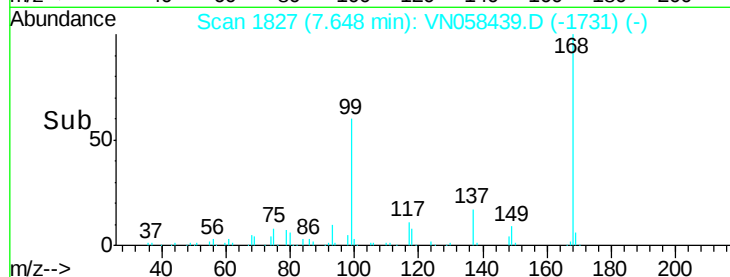
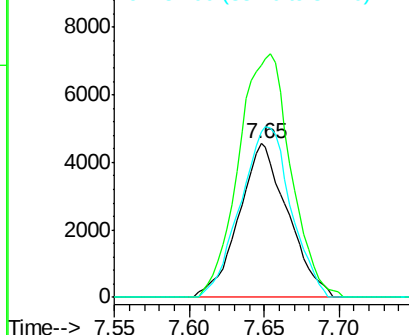
56 100

69 151.1 26.2 39.4#

84 107.6 67.6 101.4#



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: 50.409 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058439.D

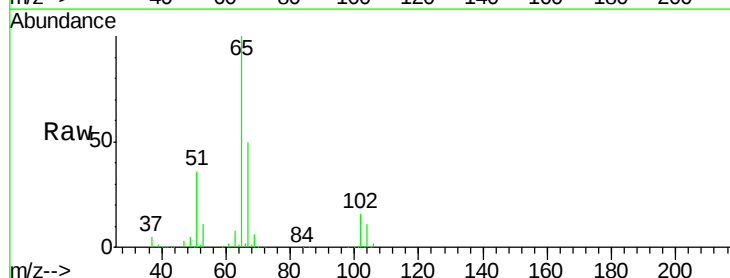
Acq: 30 Sep 2019 16:39

Tgt Ion: 65 Resp: 302696

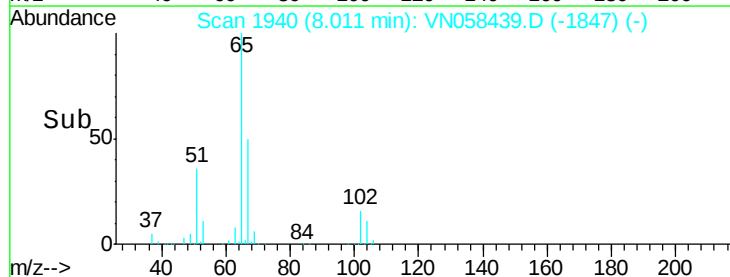
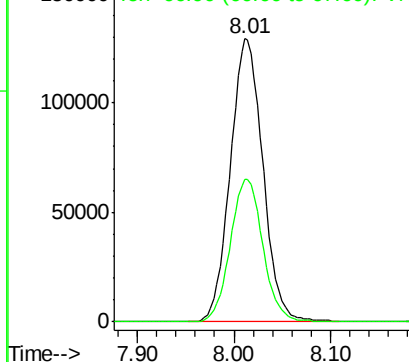
Ion Ratio Lower Upper

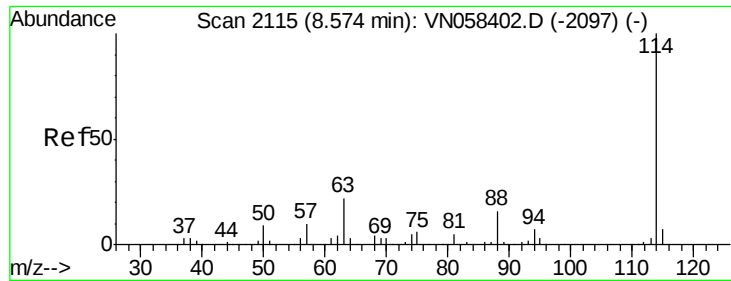
65 100

67 50.3 0.0 102.4



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

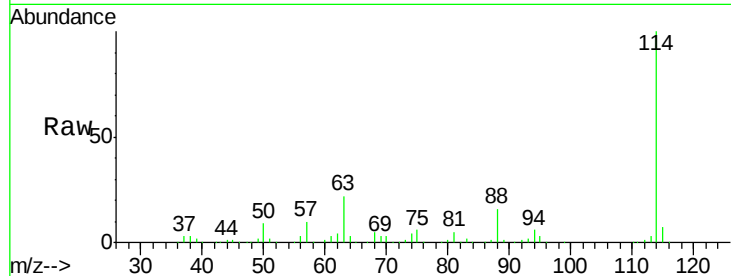




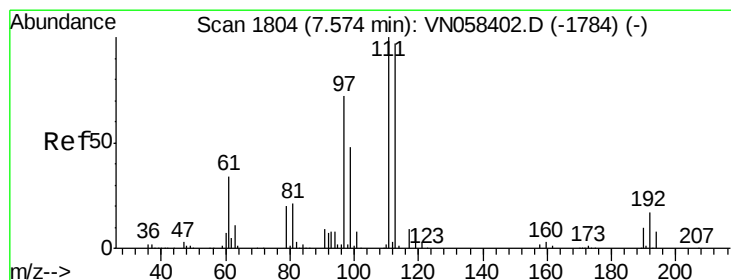
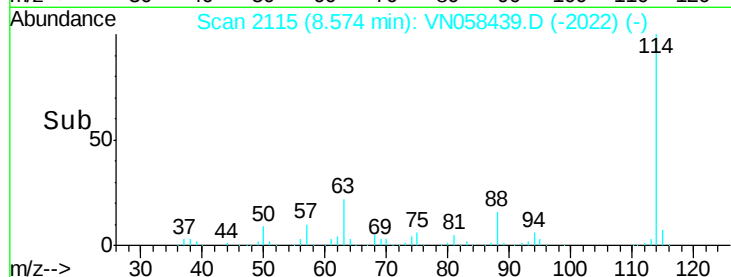
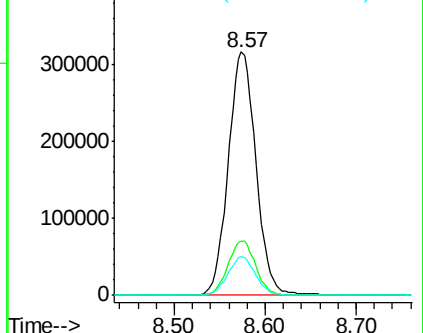
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN058439.D
 Acq: 30 Sep 2019 16:39

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW186S-20190925

Tot Ion:114 Resp: 670163
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 45.0
 88 15.9 0.0 32.2

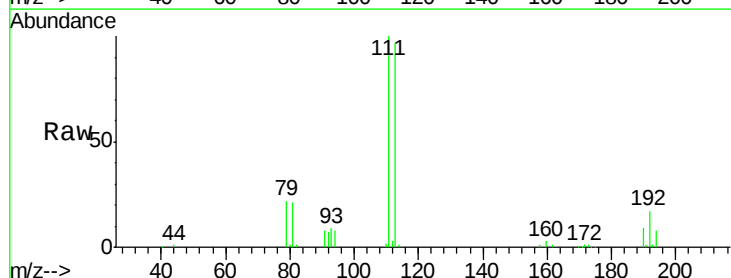


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

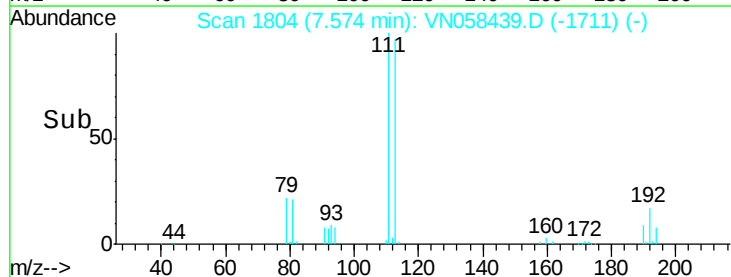
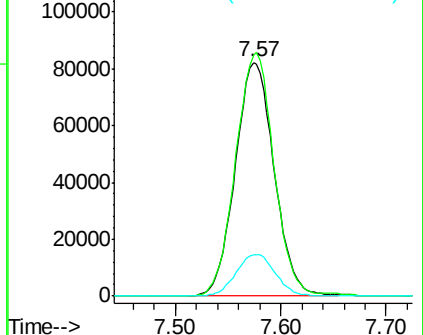


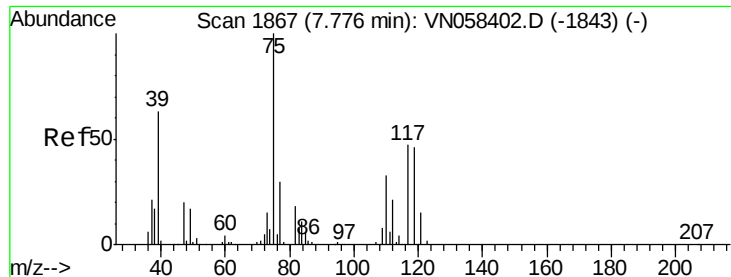
#35
 Dibromofluoromethane
 Concen: 51.355 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN058439.D
 Acq: 30 Sep 2019 16:39

Tgt Ion:113 Resp: 210935
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.4 125.2
 192 18.0 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: 5.720 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.12 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

SA-MW186S-20190925

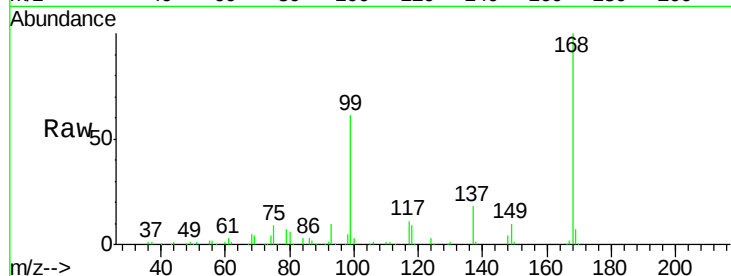
Tot Ion: 75 Resp: 36653

Ion Ratio Lower Upper

75 100

110 7.5 16.4 49.2#

77 0.0 24.3 36.5#

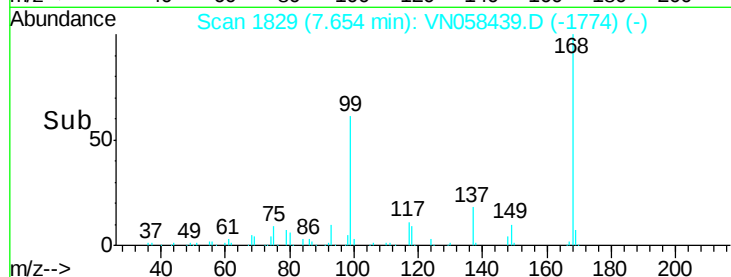


Abundance Ion 74.90 (74.60 to 75.60): VN058439.D (-1774) (-)

Ion 109.90 (109.60 to 110.60): VN058439.D (-1774) (-)

Ion 76.90 (76.60 to 77.60): VN058439.D (-1774) (-)

Time-->



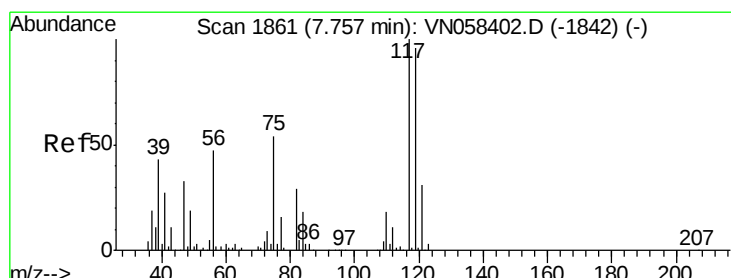
Abundance

Ion 74.90 (74.60 to 75.60): VN058439.D (-1774) (-)

Ion 109.90 (109.60 to 110.60): VN058439.D (-1774) (-)

Ion 76.90 (76.60 to 77.60): VN058439.D (-1774) (-)

Time-->



#38

Carbon Tetrachloride

Concen: 7.672 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.11 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

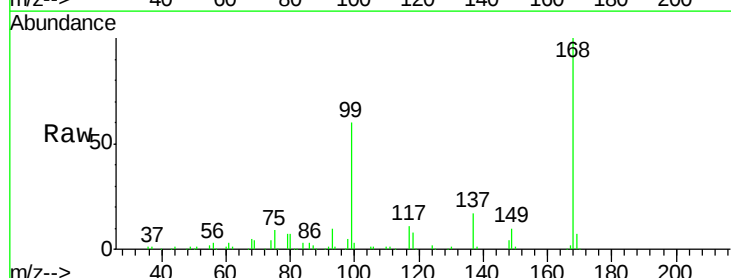
Tgt Ion: 117 Resp: 44375

Ion Ratio Lower Upper

117 100

119 3.5 76.6 115.0#

121 0.0 24.7 37.1#

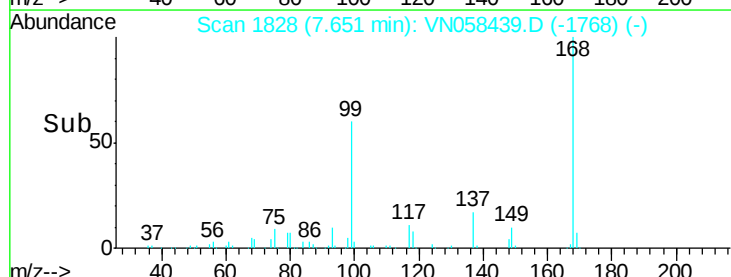


Abundance Ion 116.80 (116.50 to 117.50): VN058439.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN058439.D (-1768) (-)

Ion 120.80 (120.50 to 121.50): VN058439.D (-1768) (-)

Time-->



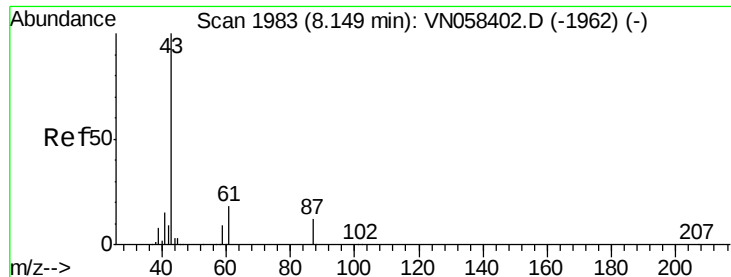
Abundance

Ion 116.80 (116.50 to 117.50): VN058439.D (-1768) (-)

Ion 118.80 (118.50 to 119.50): VN058439.D (-1768) (-)

Ion 120.80 (120.50 to 121.50): VN058439.D (-1768) (-)

Time-->



#43

Isopropyl Acetate

Concen: 0.216 ug/l

RT: 8.21 min Scan# 2002

Delta R.T. 0.06 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

SA-MW186S-20190925

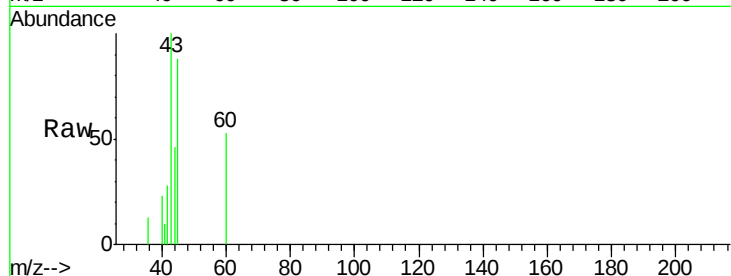
Tot Ion: 43 Resp: 2203

Ion Ratio Lower Upper

43 100

61 0.0 14.8 22.2#

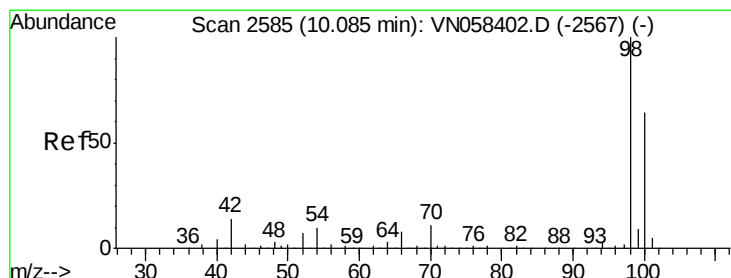
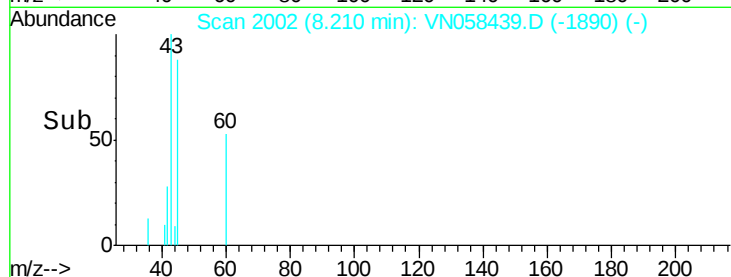
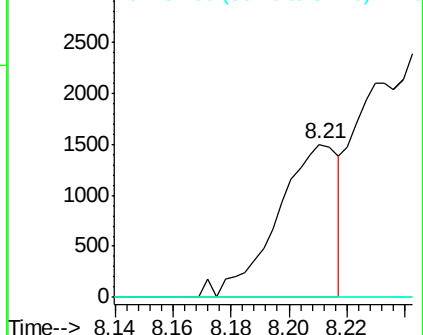
87 0.0 9.7 14.5#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 52.829 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058439.D

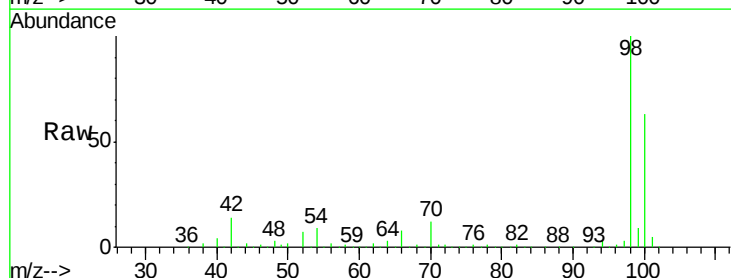
Acq: 30 Sep 2019 16:39

Tgt Ion: 98 Resp: 850030

Ion Ratio Lower Upper

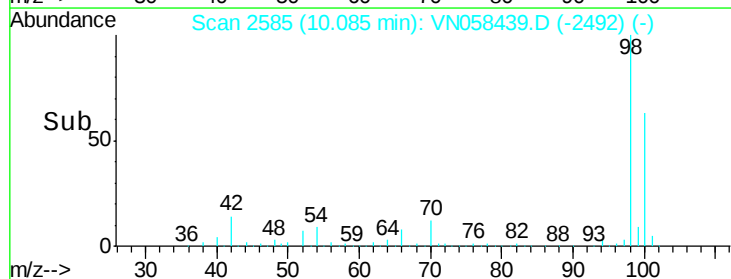
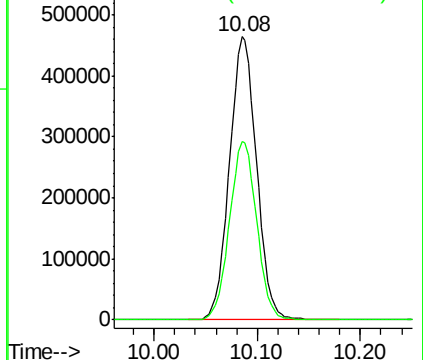
98 100

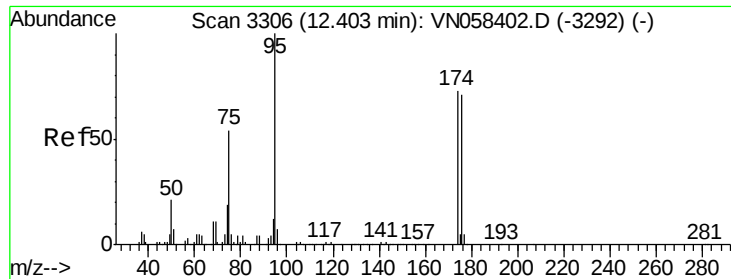
100 63.5 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 45.089 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

SA-MW186S-20190925

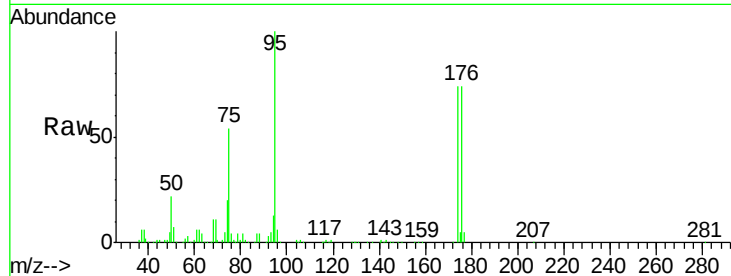
Tot Ion: 95 Resp: 262326

Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

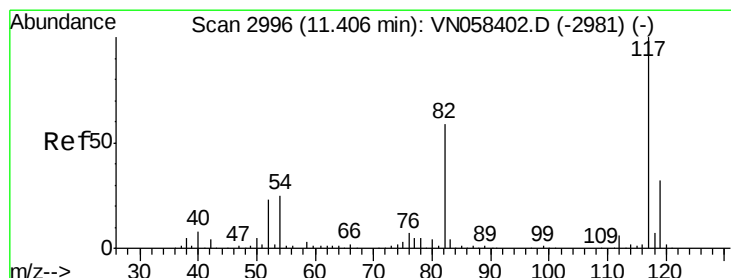
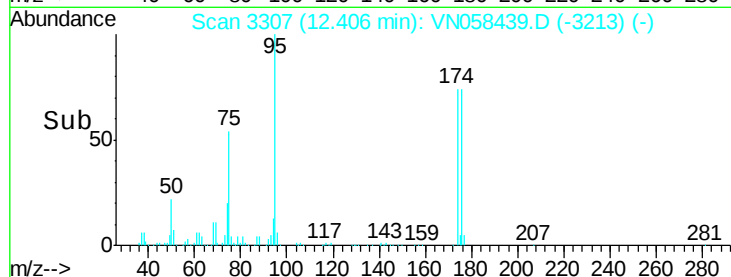
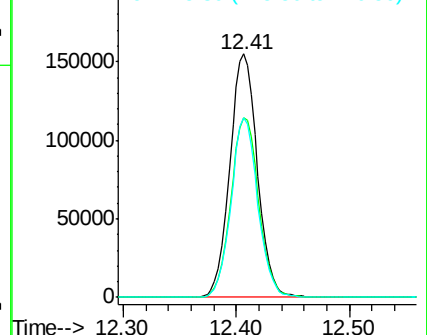
176 71.8 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

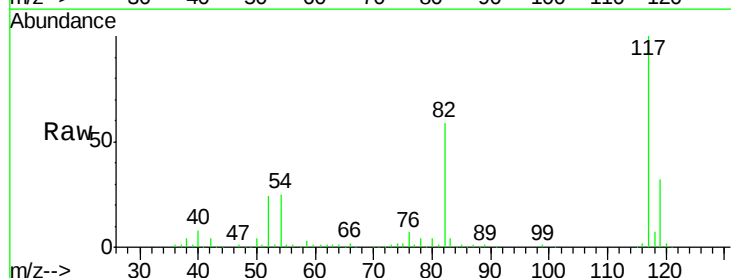
Tgt Ion: 117 Resp: 564776

Ion Ratio Lower Upper

117 100

82 58.6 47.4 71.0

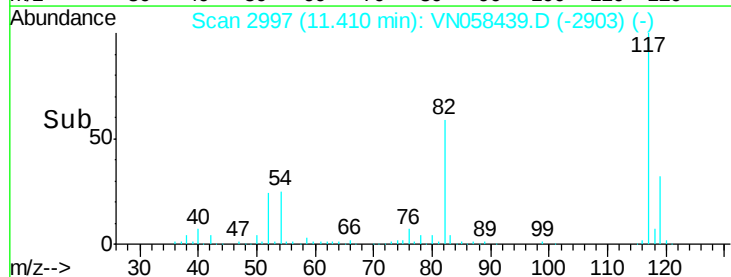
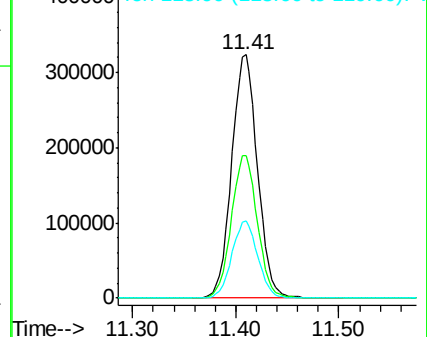
119 31.6 25.5 38.3

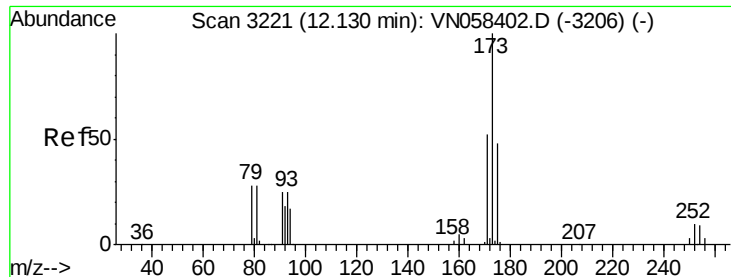


Abundance Ion 116.90 (116.60 to 117.60): VN058402.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN058402.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN058402.D (-2981) (-)





#71

Bromoform

Concen: 0.849 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.27 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

SA-MW186S-20190925

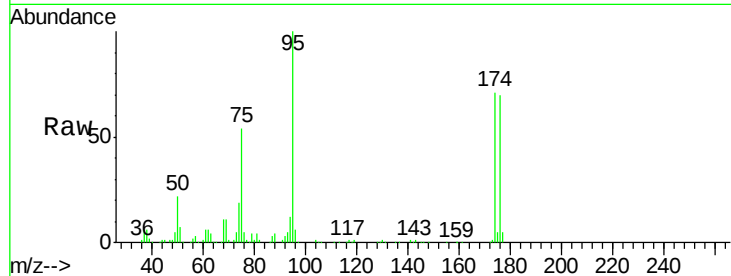
Tot Ion:173 Resp: 410

Ion Ratio Lower Upper

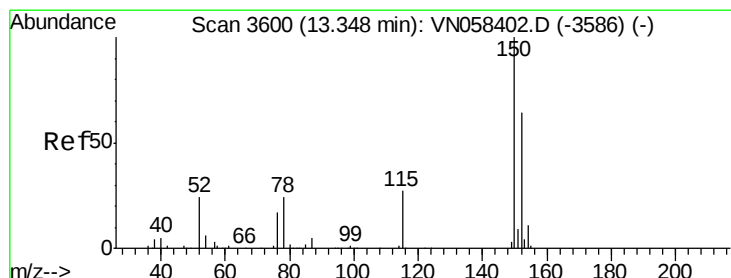
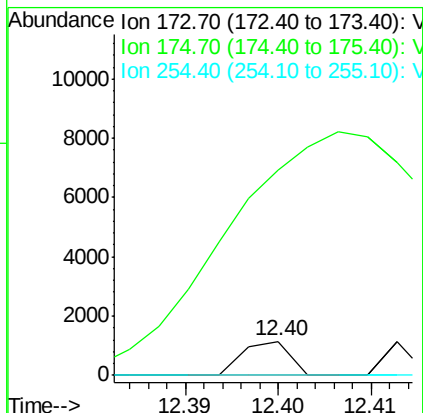
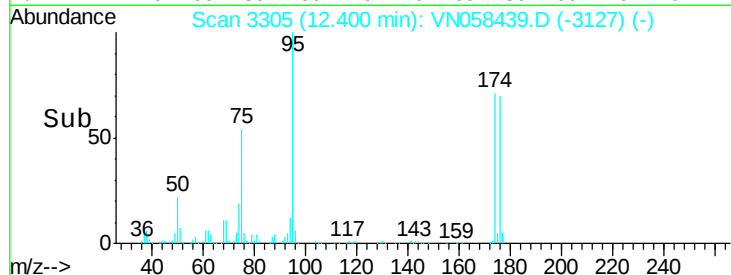
173 100

175 0.0 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: VN058439.D

Acq: 30 Sep 2019 16:39

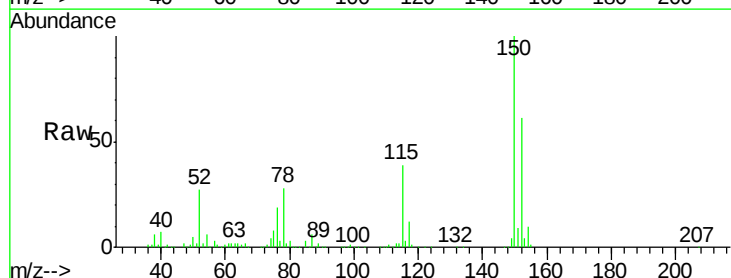
Tgt Ion:152 Resp: 209870

Ion Ratio Lower Upper

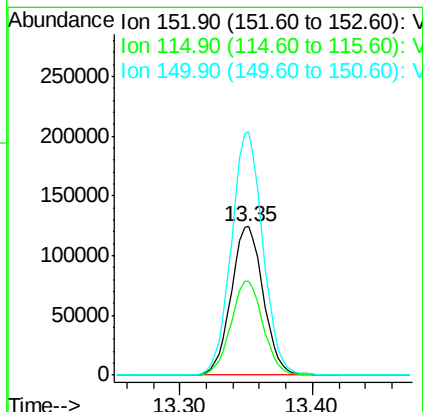
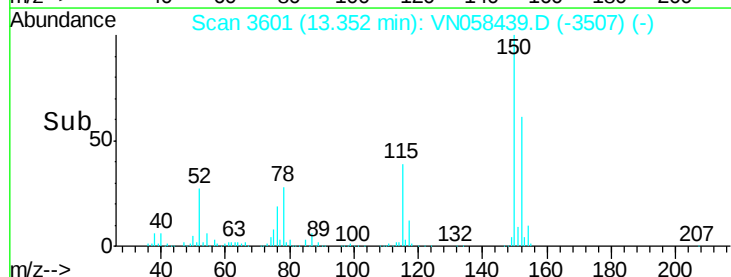
152 100

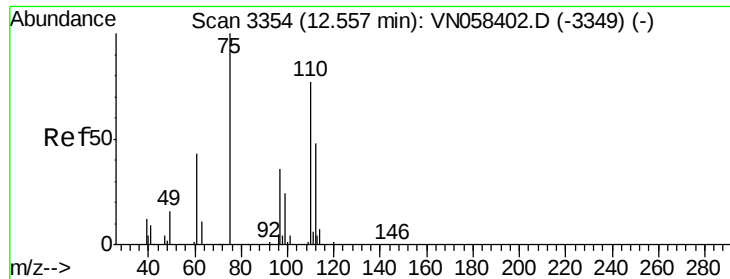
115 63.2 30.0 90.0

150 160.1 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: 37.088 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. -0.15 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

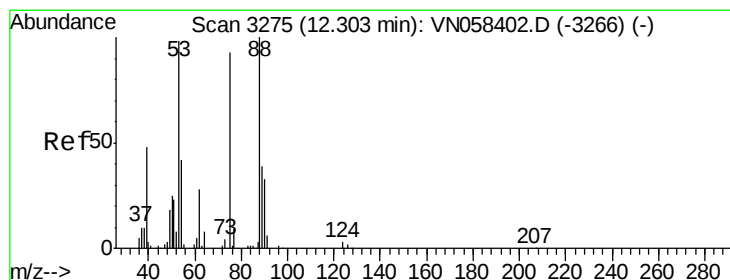
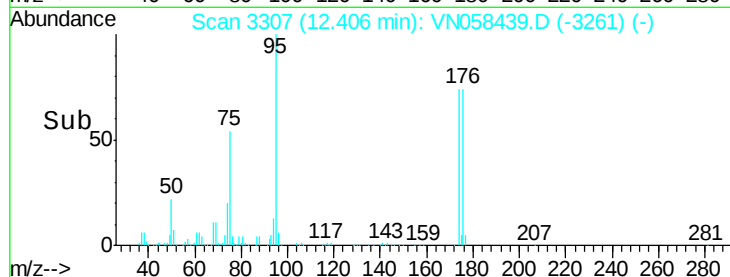
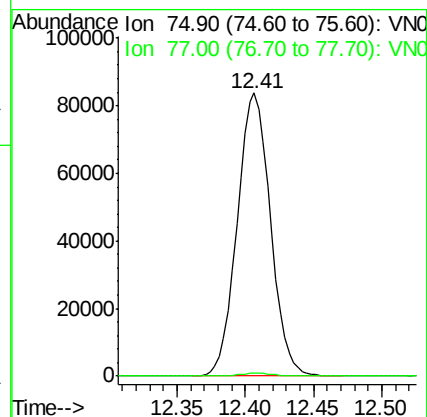
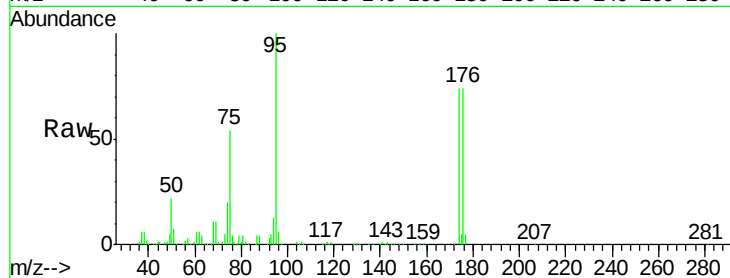
SA-MW186S-20190925

Tot Ion: 75 Resp: 142168

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 112.640 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.10 min

Lab File: VN058439.D

Acq: 30 Sep 2019 16:39

Tgt Ion: 75 Resp: 142168

Ion Ratio Lower Upper

75 100

53 0.0 85.4 128.0#

89 0.0 35.0 52.4#

