

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057912.D
 Acq On : 11 Sep 2019 10:18
 Operator : JC/SP
 Sample : K4643-24
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T11-B4-(4)

Quant Time: Sep 12 01:46:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

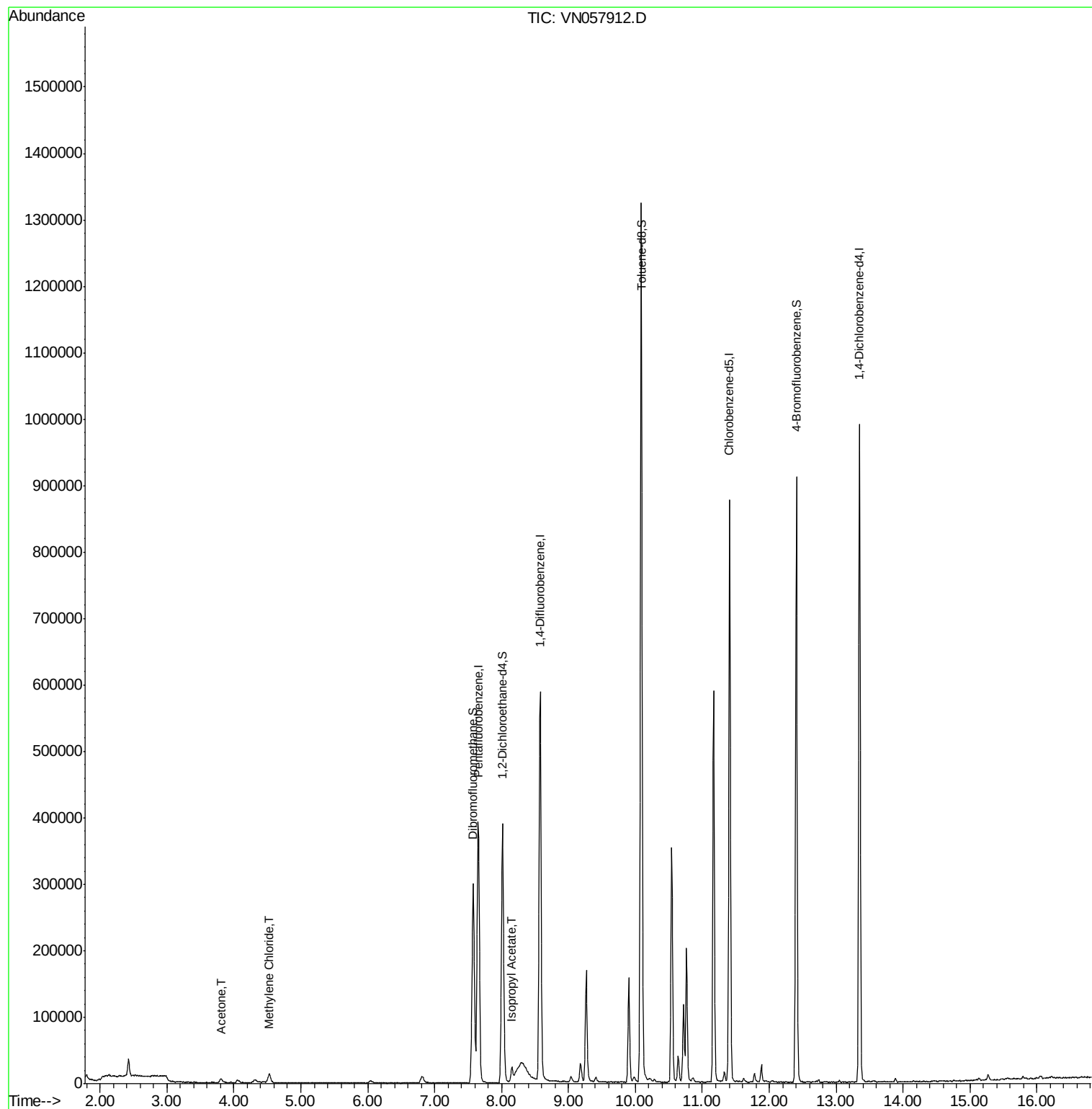
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	304815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	507975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	469949	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	246948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	333922	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
35) Dibromofluoromethane	7.58	113	222800	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
50) Toluene-d8	10.09	98	915739	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	12.41	95	307729	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	3.81	43	10819	5.346	ug/l	93
20) Methylene Chloride	4.53	84	8794	1.078	ug/l #	94
43) Isopropyl Acetate	8.16	43	30504	2.980	ug/l #	89

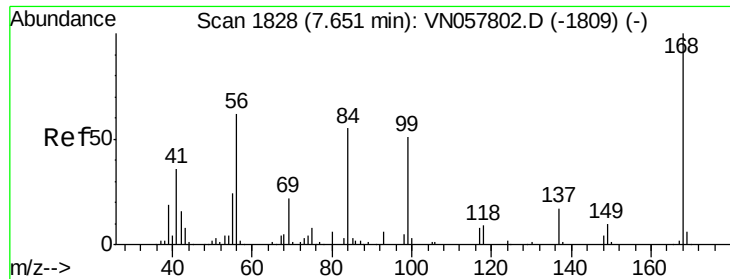
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 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: VN057912.D

Acq: 11 Sep 2019 10:18

Instrument :

MSVOA_N

ClientSampleId :

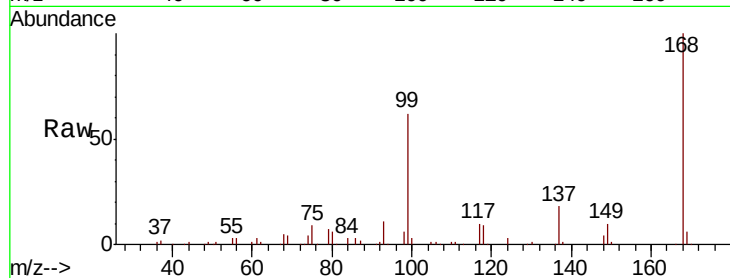
T11-B4-(4)

Tot Ion:168 Resp: 304815

Ion Ratio Lower Upper

168 100

99 61.7 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

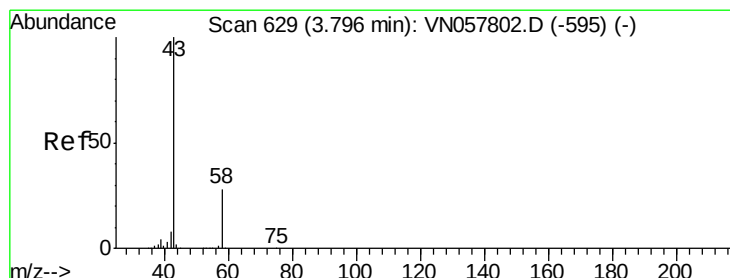
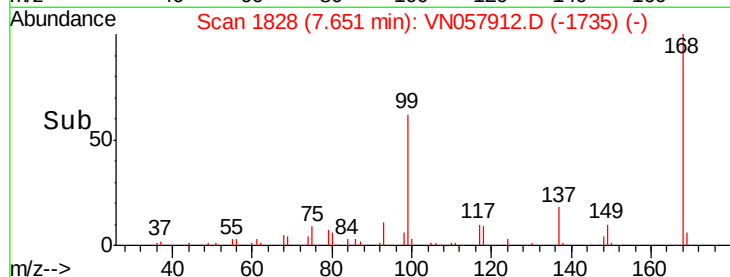
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.346 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.02 min

Lab File: VN057912.D

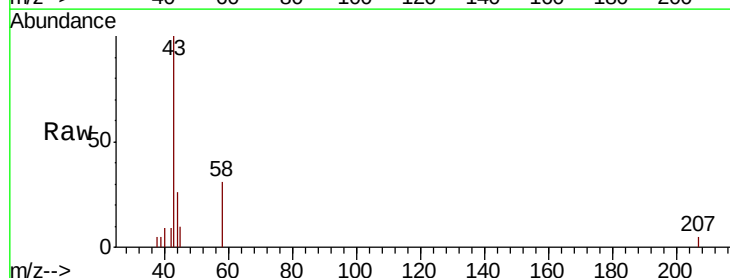
Acq: 11 Sep 2019 10:18

Tgt Ion: 43 Resp: 10819

Ion Ratio Lower Upper

43 100

58 31.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.81

4000

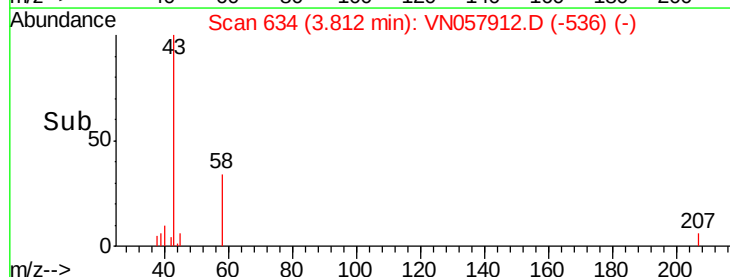
3000

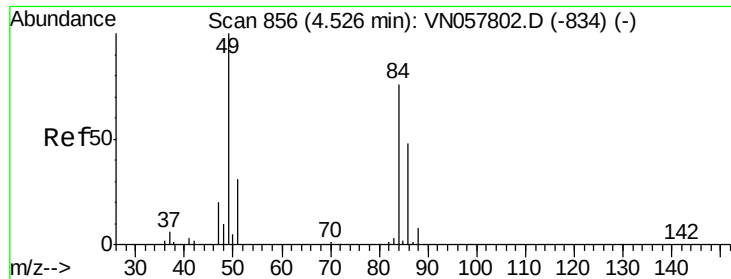
2000

1000

0

Time-->

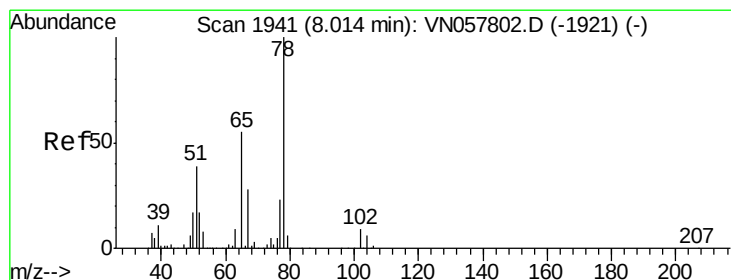
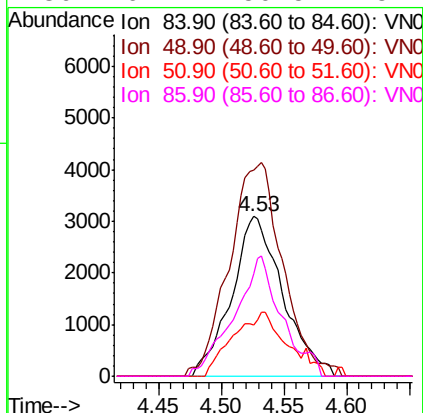
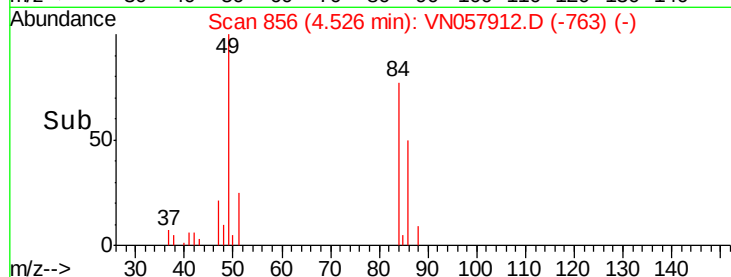
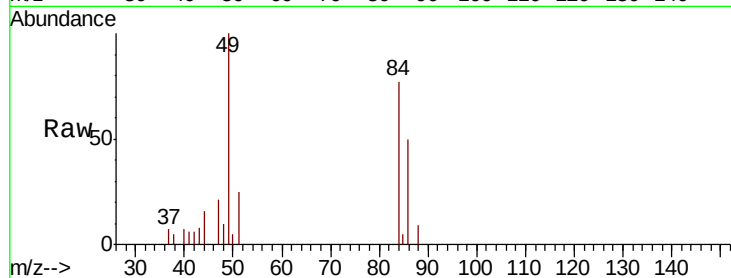




#20
Methylene Chloride
Concen: 1.078 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057912.D
Acq: 11 Sep 2019 10:18

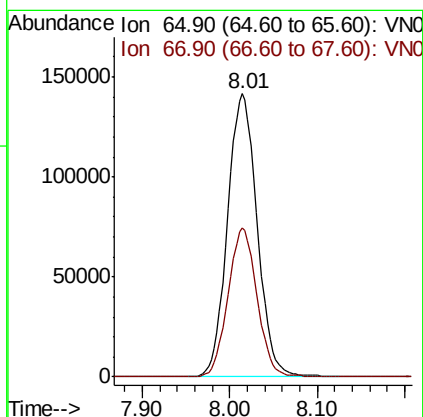
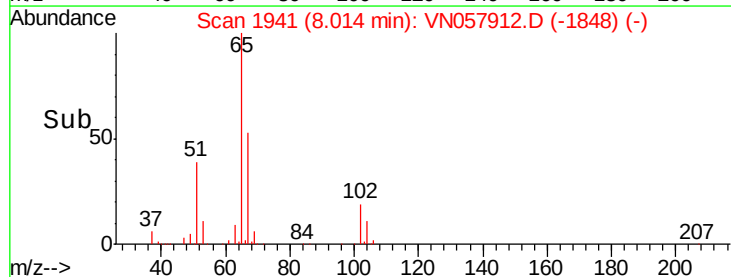
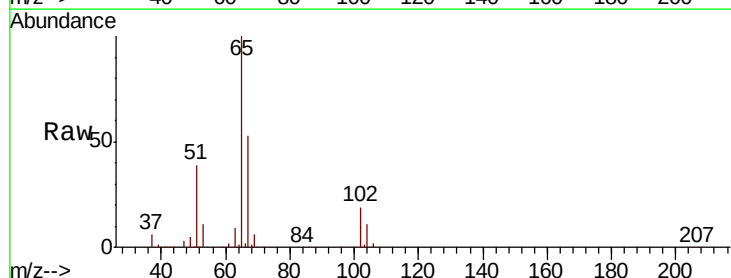
Instrument :
MSVOA_N
ClientSampled :
T11-B4-(4)

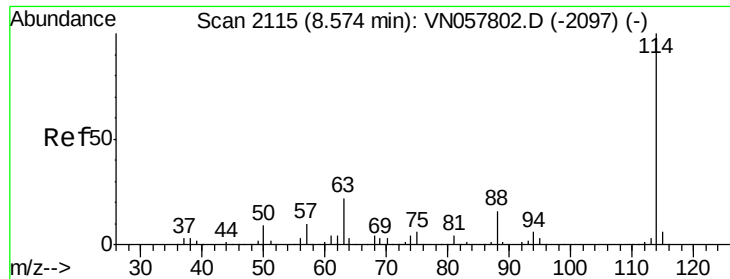
Tot Ion: 84 Resp: 8794
Ion Ratio Lower Upper
84 100
49 124.1 104.8 157.2
51 31.9 33.0 49.4#
86 64.4 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: 54.087 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN057912.D
Acq: 11 Sep 2019 10:18

Tgt Ion: 65 Resp: 333922
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

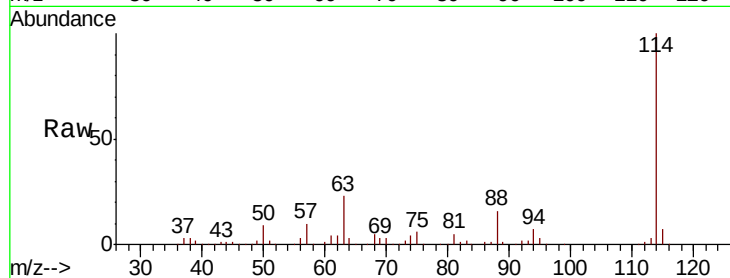




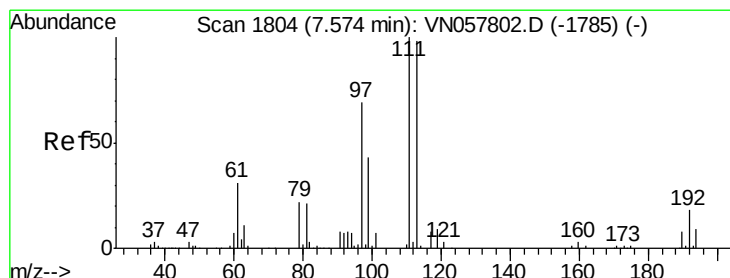
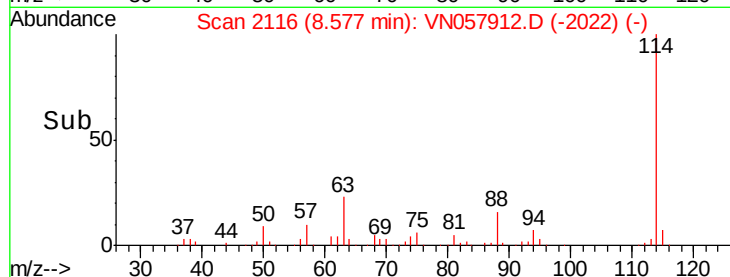
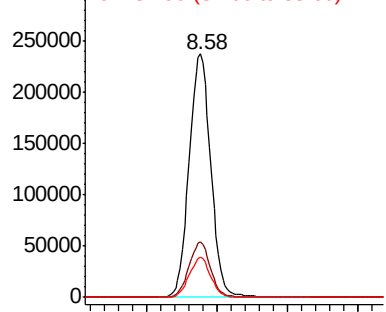
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.58 min Scan# 2116
Delta R.T. 0.00 min
Lab File: VN057912.D
Acq: 11 Sep 2019 10:18

Instrument :
MSVOA_N
ClientSampleId :
T11-B4-(4)

Tot Ion:114 Resp: 507975
Ion Ratio Lower Upper
114 100
63 22.7 0.0 44.0
88 16.4 0.0 31.4

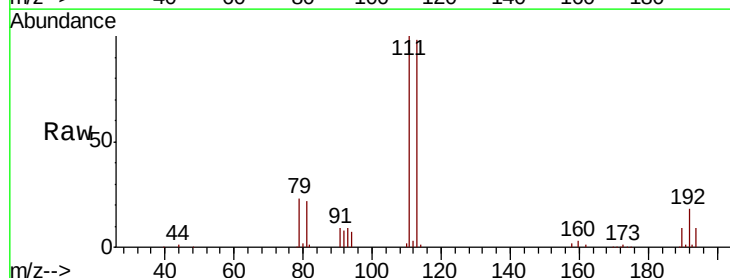


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

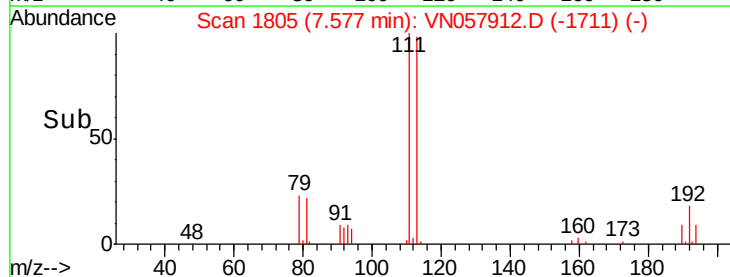
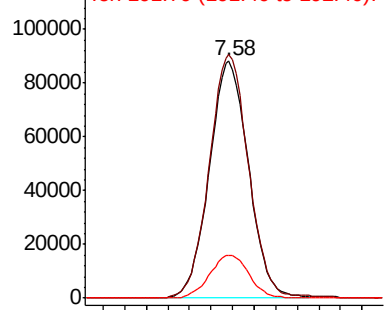


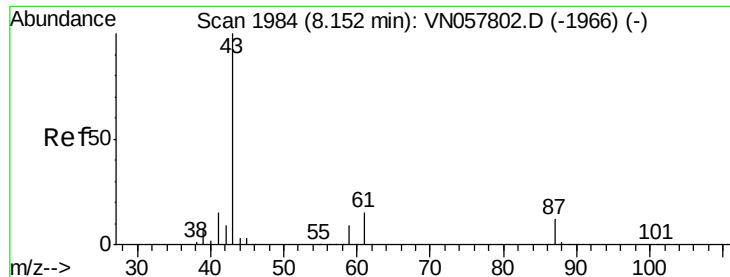
#35
Dibromofluoromethane
Concen: 47.521 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057912.D
Acq: 11 Sep 2019 10:18

Tgt Ion:113 Resp: 222800
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 18.1 14.6 22.0



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





#43

Isopropyl Acetate

Concen: 2.980 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057912.D

Acq: 11 Sep 2019 10:18

Instrument :

MSVOA_N

ClientSampleId :

T11-B4-(4)

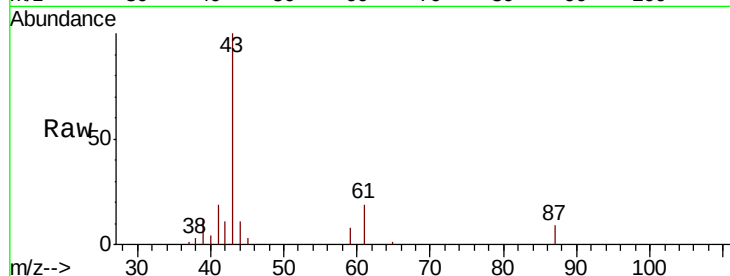
Tot Ion: 43 Resp: 30504

Ion Ratio Lower Upper

43 100

61 17.9 20.1 30.1#

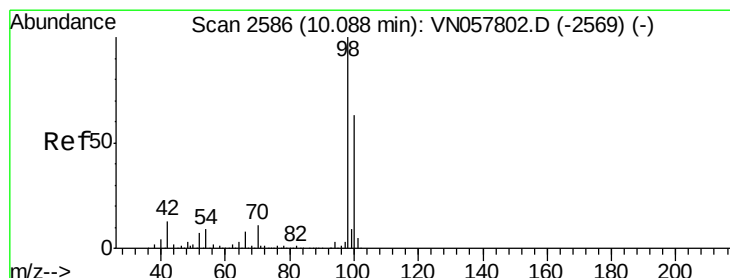
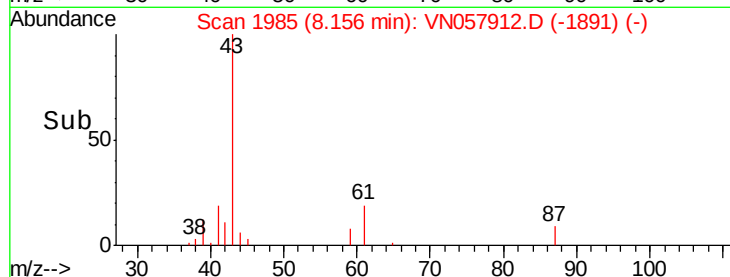
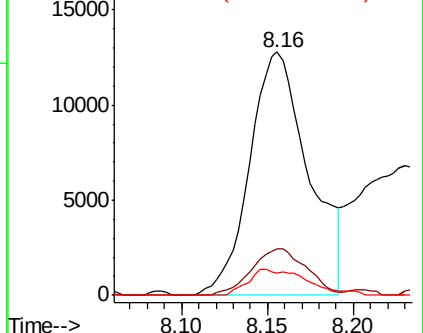
87 10.2 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)



#50

Toluene-d8

Concen: 50.307 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN057912.D

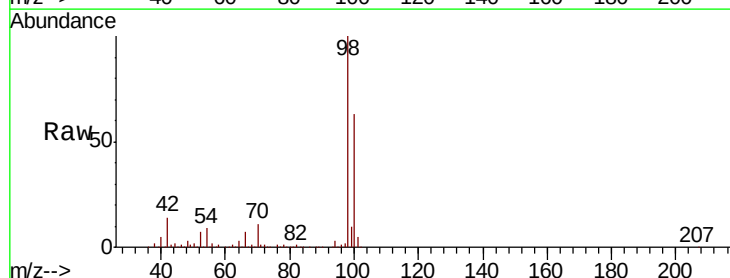
Acq: 11 Sep 2019 10:18

Tgt Ion: 98 Resp: 915739

Ion Ratio Lower Upper

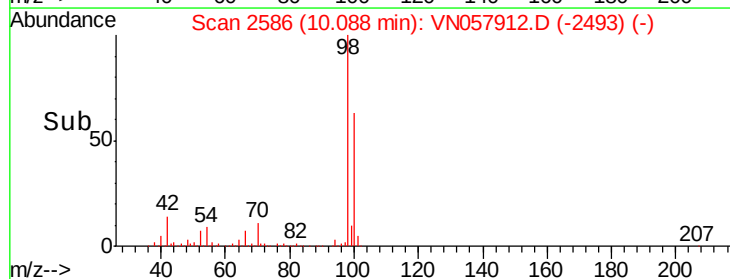
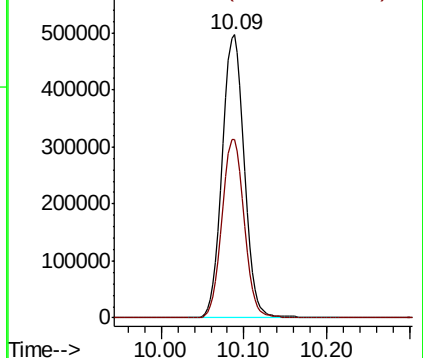
98 100

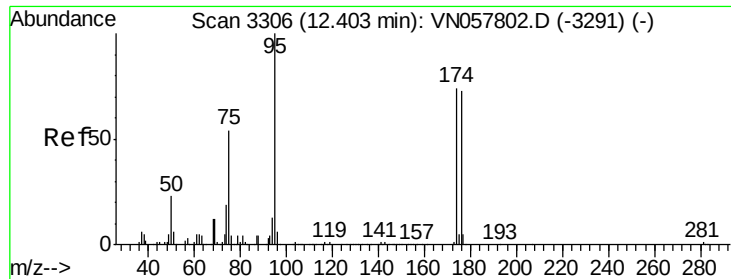
100 63.4 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN057802.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057802.D (-2569) (-)

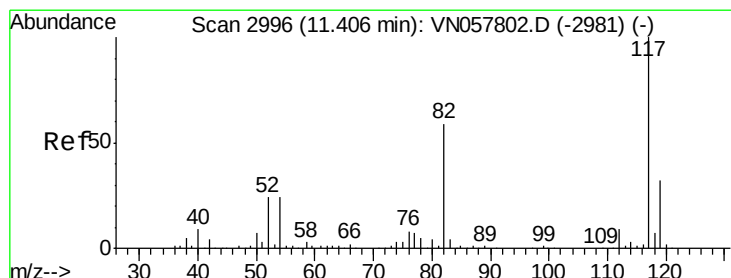
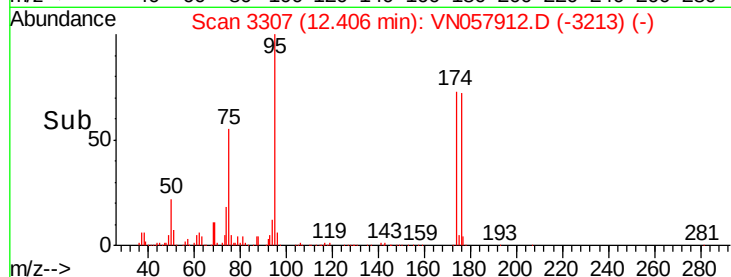
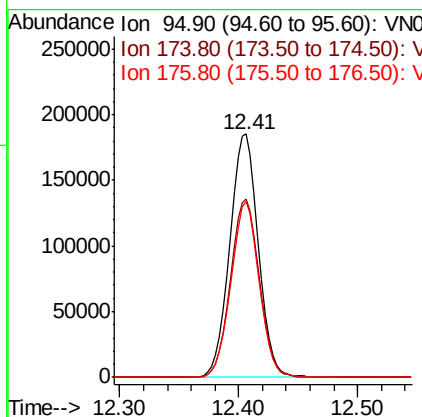
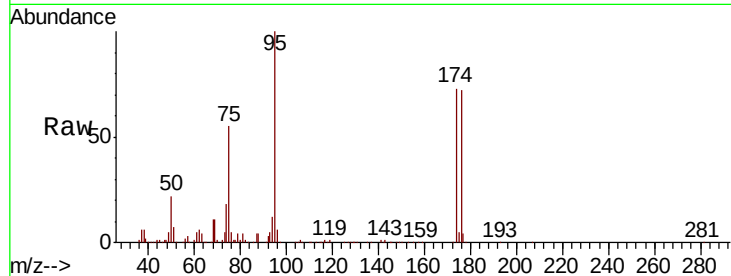




#62
4-Bromofluorobenzene
Concen: 44.361 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN057912.D
Acq: 11 Sep 2019 10:18

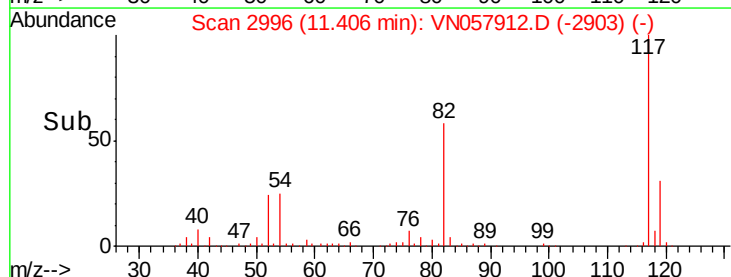
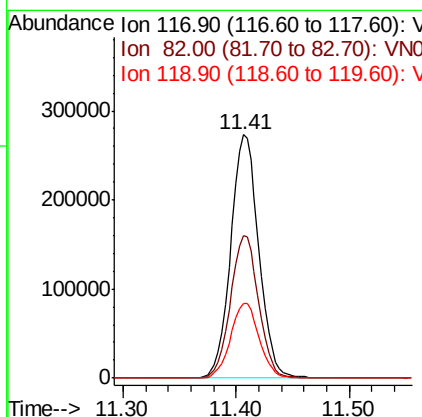
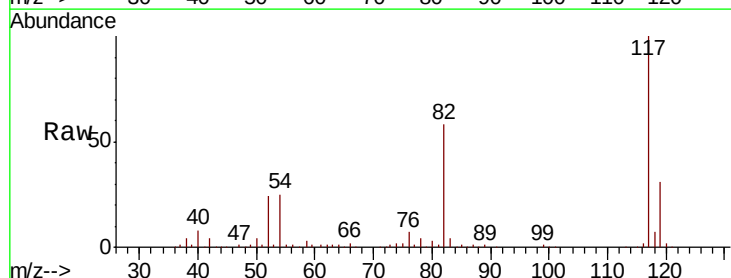
Instrument :
MSVOA_N
ClientSampleId :
T11-B4-(4)

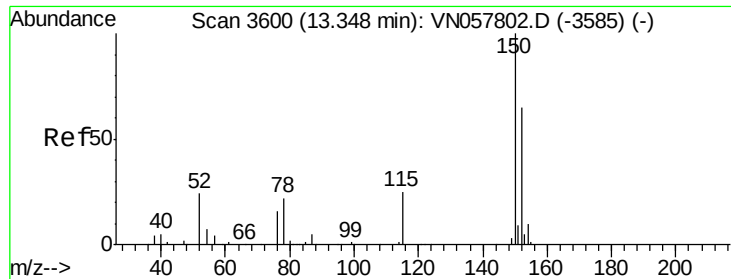
Tot Ion	95	Resp	307729
Ion Ratio	100		
Lower			
Upper			
174	74.0	0.0	150.2
176	71.2	0.0	146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057912.D
Acq: 11 Sep 2019 10:18

Tgt Ion	117	Resp	469949
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	58.4	47.2	70.8
119	30.6	25.3	37.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN057912.D

Acq: 11 Sep 2019 10:18

Instrument :

MSVOA_N

ClientSampleId :

T11-B4-(4)

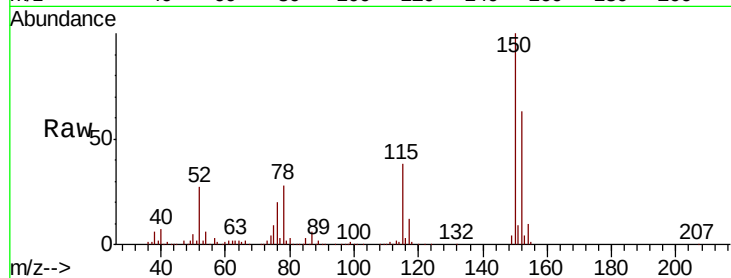
Tot Ion:152 Resp: 246948

Ion Ratio Lower Upper

152 100

115 60.0 30.3 91.0

150 157.1 0.0 352.4



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

