

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090619\
 Data File : VN057738.D
 Acq On : 7 Sep 2019 00:50
 Operator : JC/SP
 Sample : K4580-39
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-A1-(3.5)

Quant Time: Sep 07 03:47:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 03:46:54 2019
 Response via : Initial Calibration

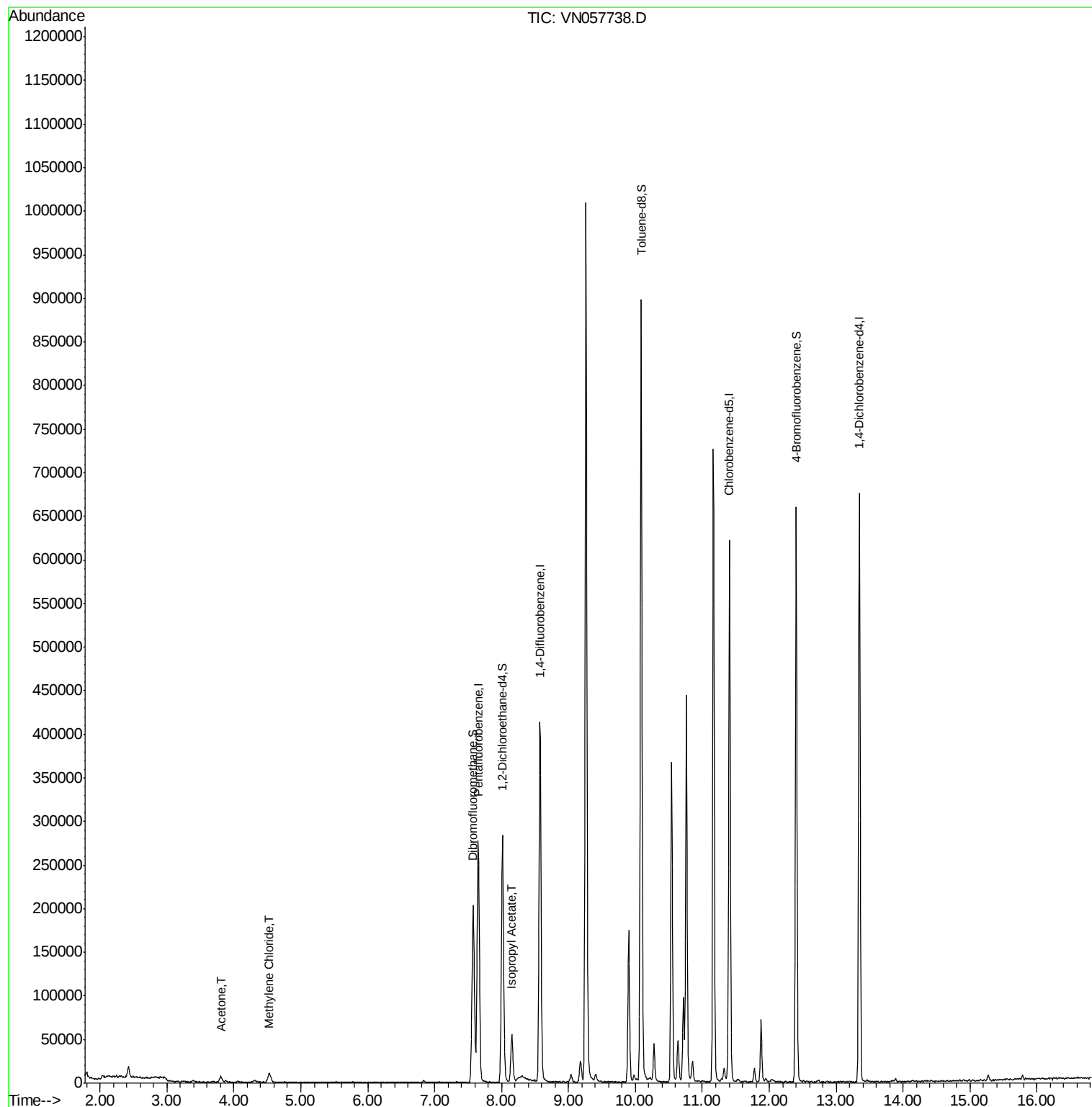
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	190987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	323301	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	300299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	152191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	246352	53.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.04%	
35) Dibromofluoromethane	7.57	113	146660	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.08	98	560372	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	12.40	95	209839	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
16) Acetone	3.80	43	11514	8.053	ug/l #	89
20) Methylene Chloride	4.52	84	6856	2.218	ug/l	90
43) Isopropyl Acetate	8.15	43	67547	8.242	ug/l	99

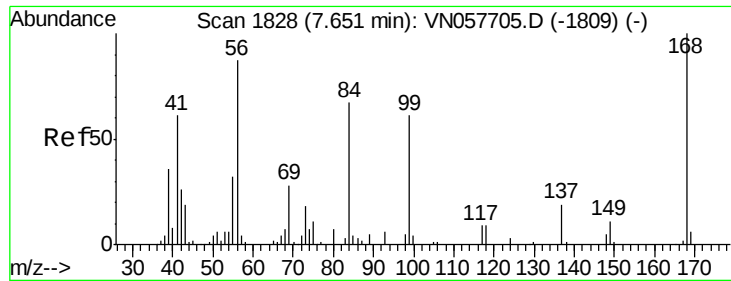
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN057738.D

Acq: 7 Sep 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

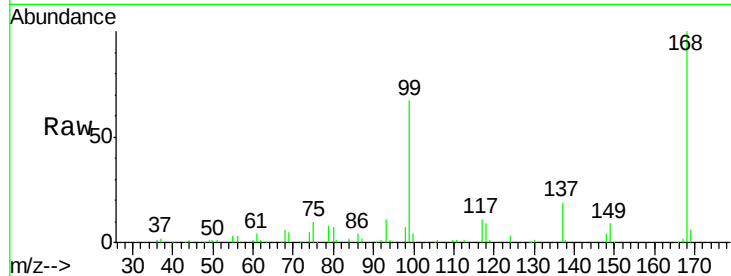
T12-A1-(3.5)

Tot Ion:168 Resp: 190987

Ion Ratio Lower Upper

168 100

99 66.5 57.4 86.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

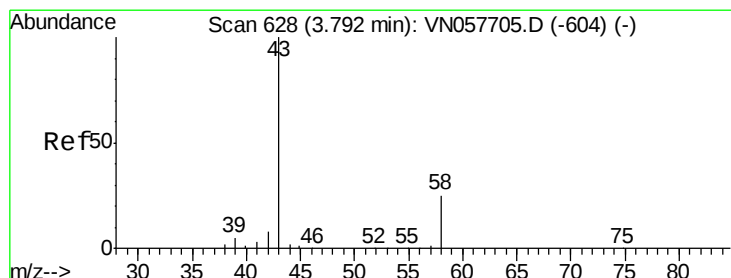
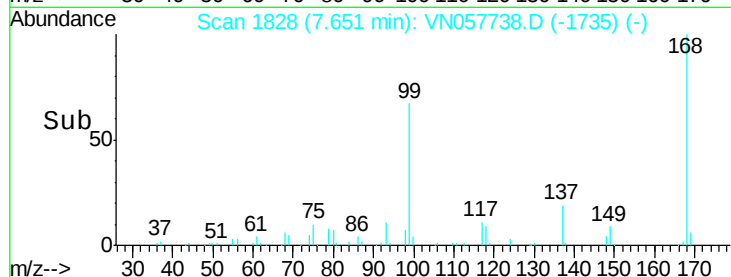
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.053 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN057738.D

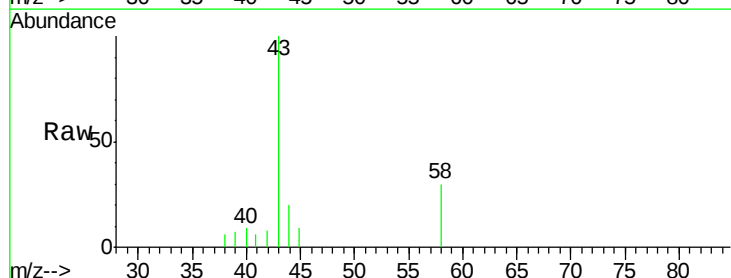
Acq: 7 Sep 2019 00:50

Tgt Ion: 43 Resp: 11514

Ion Ratio Lower Upper

43 100

58 30.4 19.8 29.8#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

4000

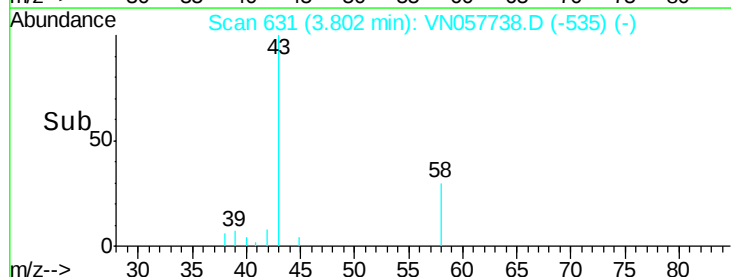
3000

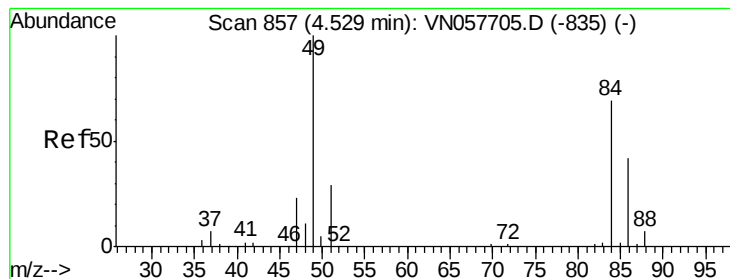
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 2.218 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.01 min

Lab File: VN057738.D

Acq: 7 Sep 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

T12-A1-(3.5)

Tot Ion: 84 Resp: 6856

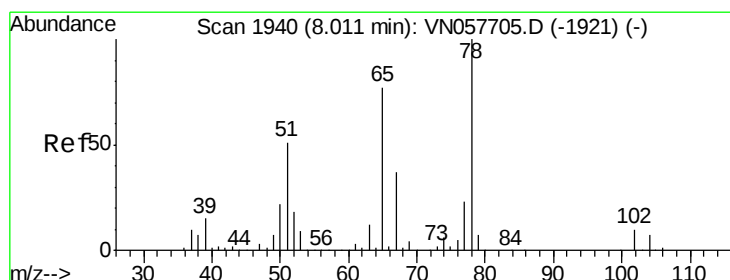
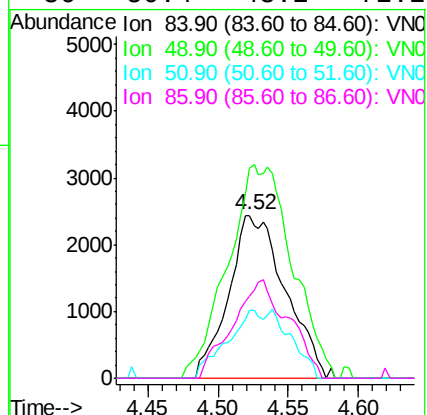
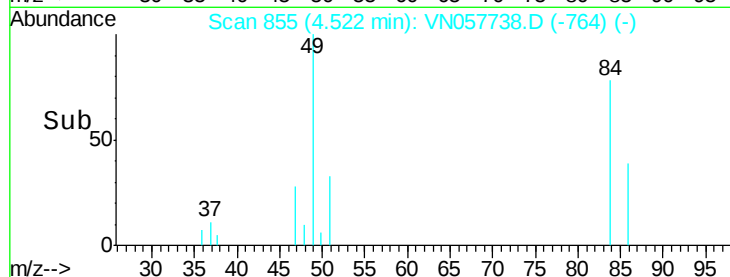
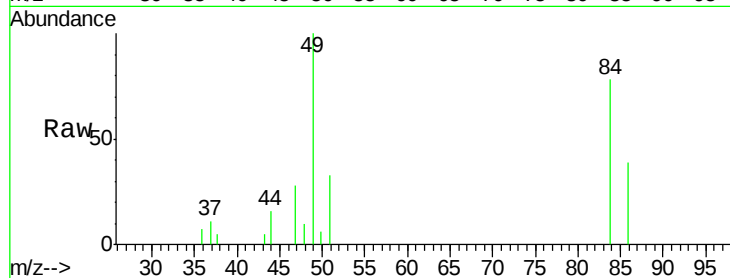
Ion Ratio Lower Upper

84 100

49 128.9 115.0 172.6

51 42.0 33.8 50.8

86 50.4 48.2 72.2



#33

1,2-Dichloroethane-d4

Concen: 53.023 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057738.D

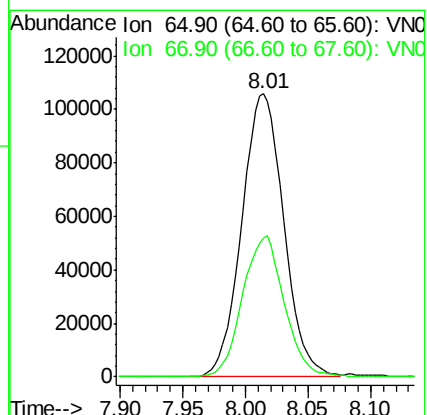
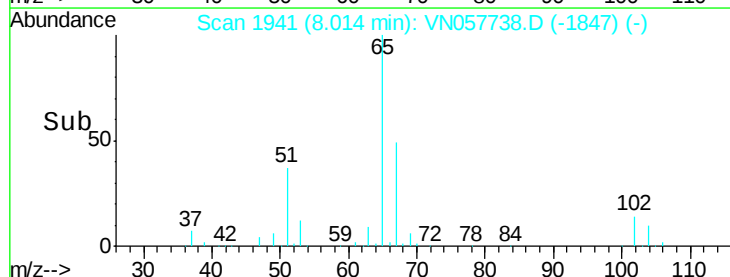
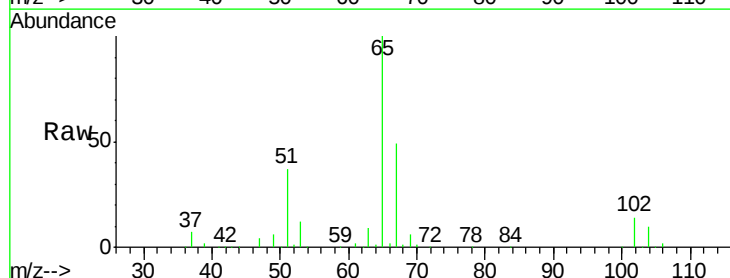
Acq: 7 Sep 2019 00:50

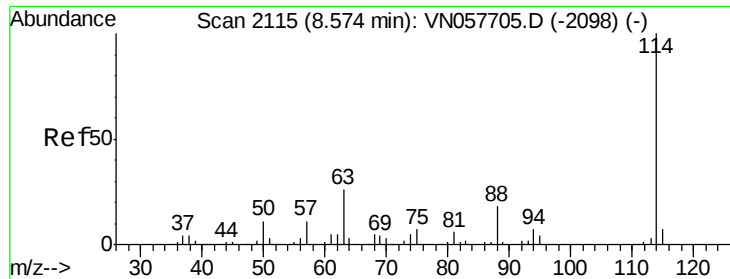
Tgt Ion: 65 Resp: 246352

Ion Ratio Lower Upper

65 100

67 49.5 0.0 98.2

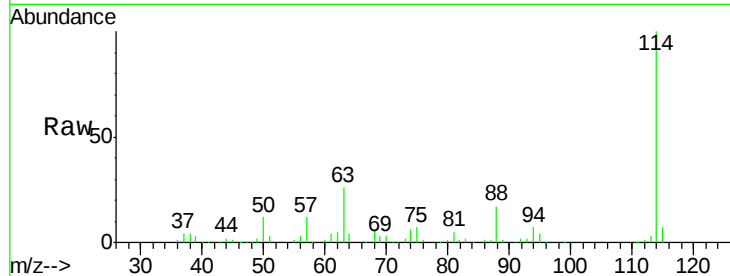




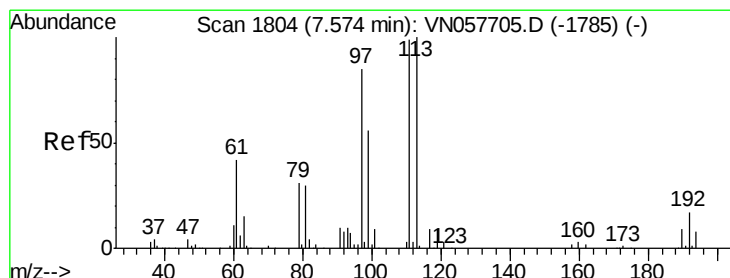
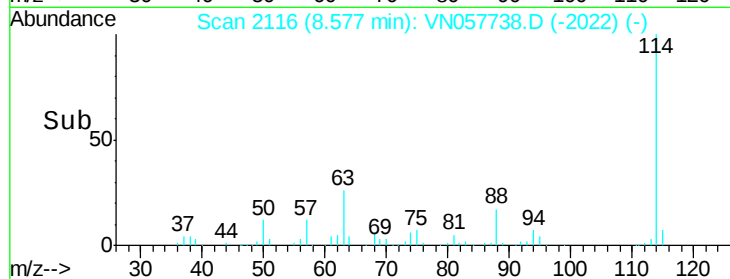
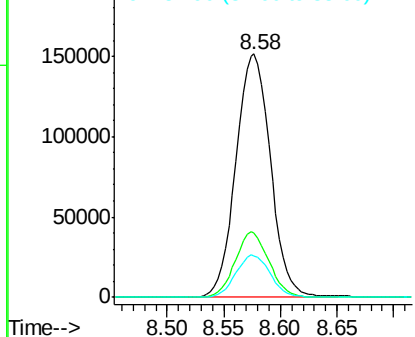
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057738.D
 Acq: 7 Sep 2019 00:50

Instrument :
 MSVOA_N
 ClientSampleId :
 T12-A1-(3.5)

Tot Ion:114 Resp: 323301
 Ion Ratio Lower Upper
 114 100
 63 26.2 0.0 52.4
 88 17.2 0.0 35.4

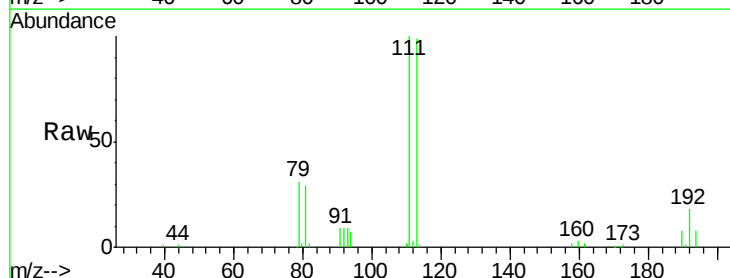


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

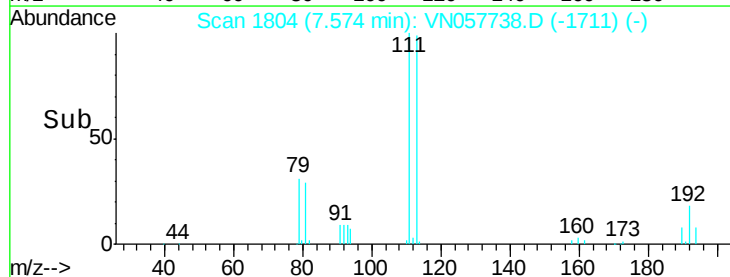
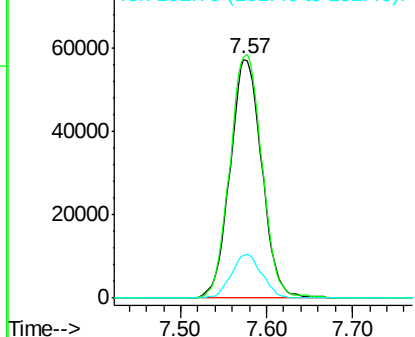


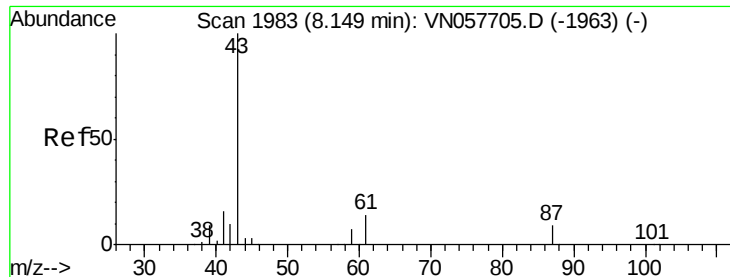
#35
 Dibromofluoromethane
 Concen: 49.803 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VN057738.D
 Acq: 7 Sep 2019 00:50

Tgt Ion:113 Resp: 146660
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.7 124.1
 192 17.6 13.8 20.6



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: 8.242 ug/l

RT: 8.15 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VN057738.D

Acq: 7 Sep 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

T12-A1-(3.5)

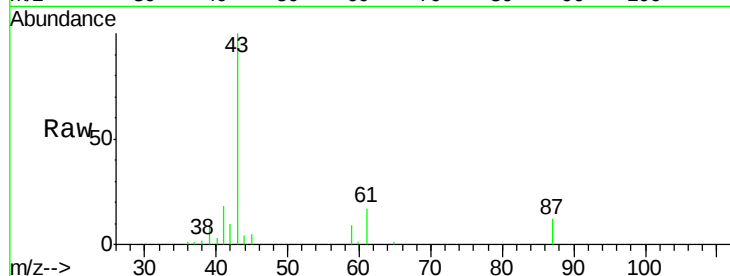
Tot Ion: 43 Resp: 67547

Ion Ratio Lower Upper

43 100

61 16.3 12.8 19.2

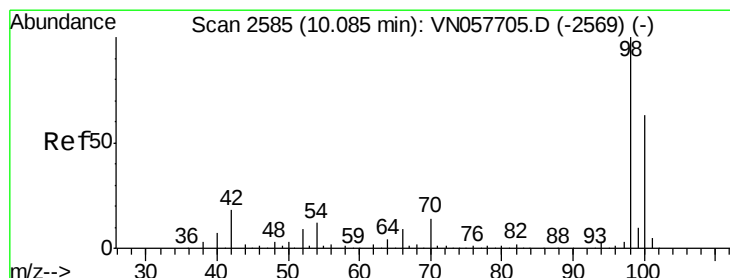
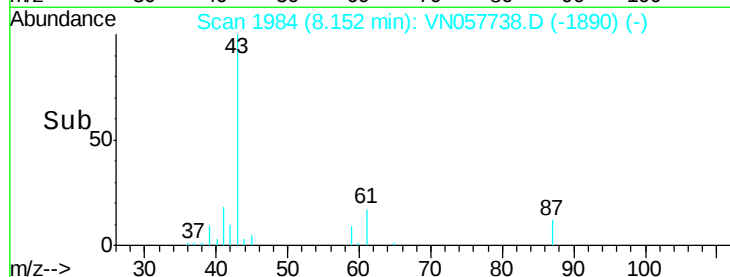
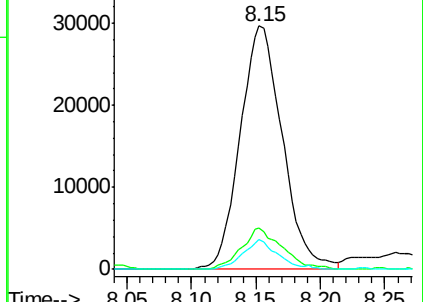
87 10.0 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN057705.D (-1963) (-)

Ion 61.00 (60.70 to 61.70): VN057705.D (-1963) (-)

Ion 87.00 (86.70 to 87.70): VN057705.D (-1963) (-)



#50

Toluene-d8

Concen: 51.441 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057738.D

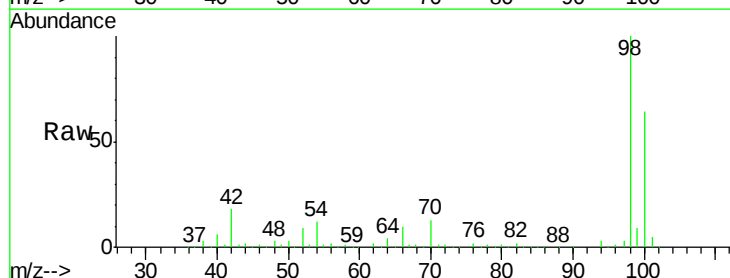
Acq: 7 Sep 2019 00:50

Tgt Ion: 98 Resp: 560372

Ion Ratio Lower Upper

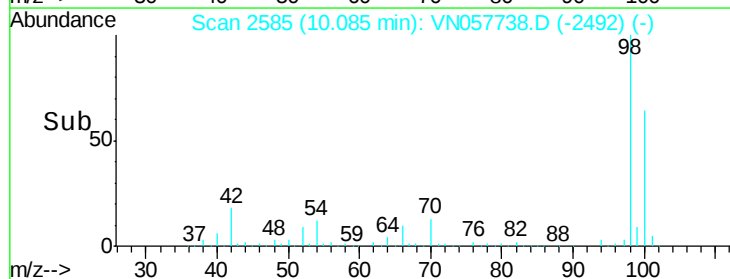
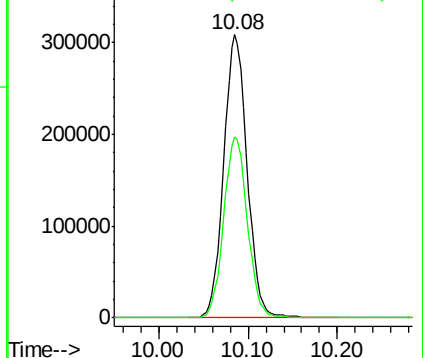
98 100

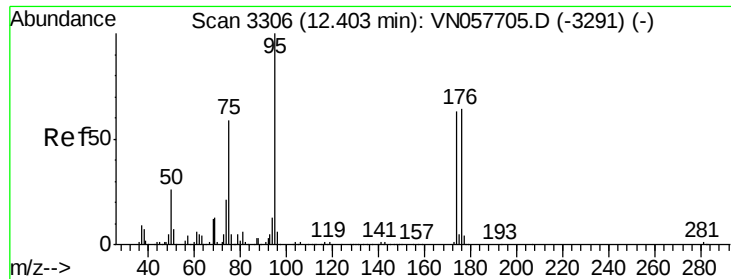
100 64.9 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN057705.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN057705.D (-2569) (-)

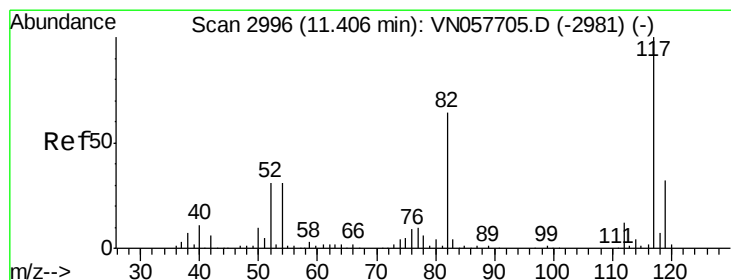
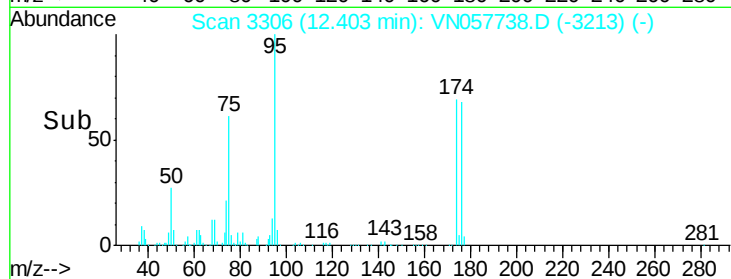
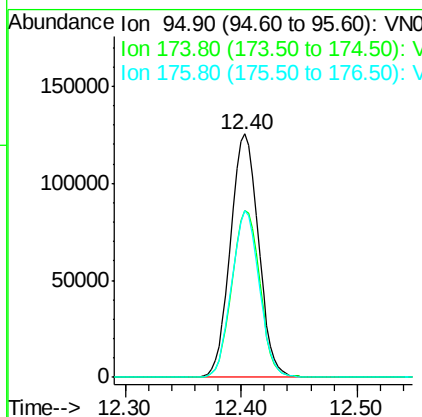
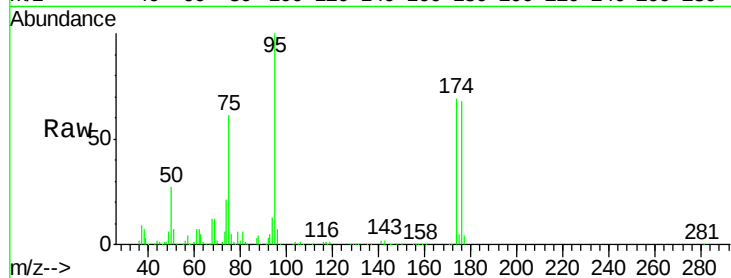




#62
4-Bromofluorobenzene
Concen: 46.377 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057738.D
Acq: 7 Sep 2019 00:50

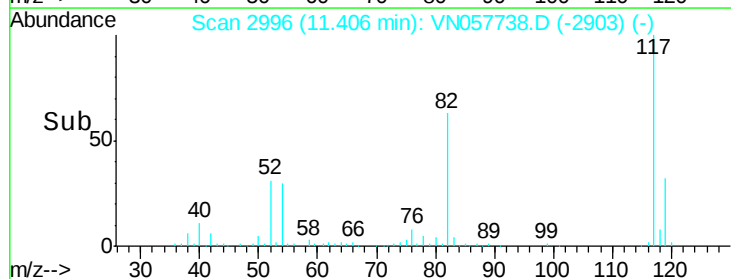
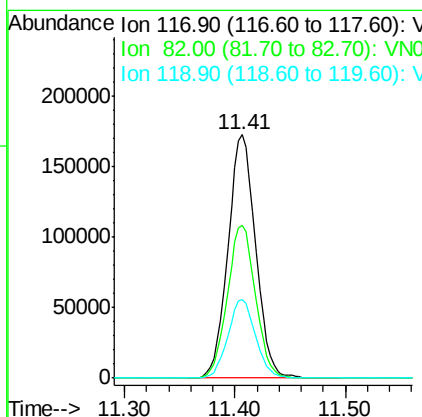
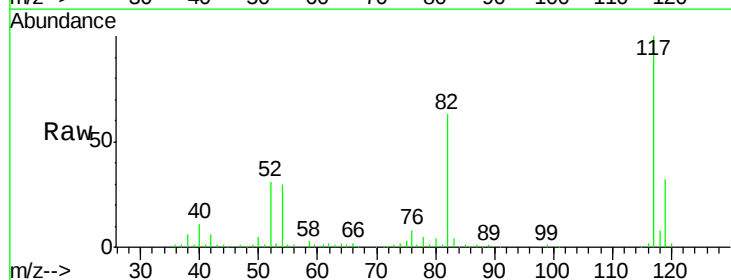
Instrument :
MSVOA_N
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T12-A1-(3.5)

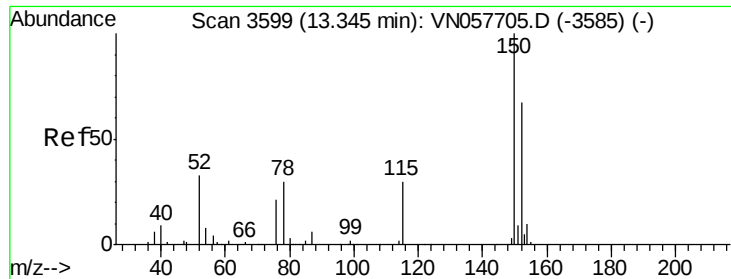
Tot Ion	95	Resp	209839
Ion Ratio	Lower	Upper	
95	100		
174	68.5	0.0	128.0
176	67.2	0.0	128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057738.D
Acq: 7 Sep 2019 00:50

Tgt Ion	117	Resp	300299
Ion Ratio	Lower	Upper	
117	100		
82	62.9	51.4	77.0
119	32.4	25.4	38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057738.D

Acq: 7 Sep 2019 00:50

Instrument :

MSVOA_N

ClientSampleId :

T12-A1-(3.5)

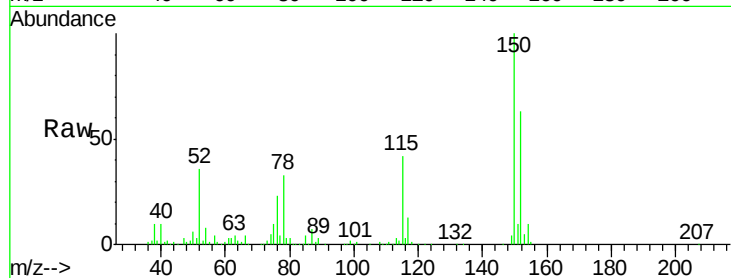
Tot Ion:152 Resp: 152191

Ion Ratio Lower Upper

152 100

115 64.0 33.8 101.3

150 155.0 0.0 345.4



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

