

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092519\
 Data File : VN058367.D
 Acq On : 25 Sep 2019 15:11
 Operator : JC/SP
 Sample : K4663-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OK-02-092419

Quant Time: Sep 26 03:53:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 09:27:53 2019
 Response via : Initial Calibration

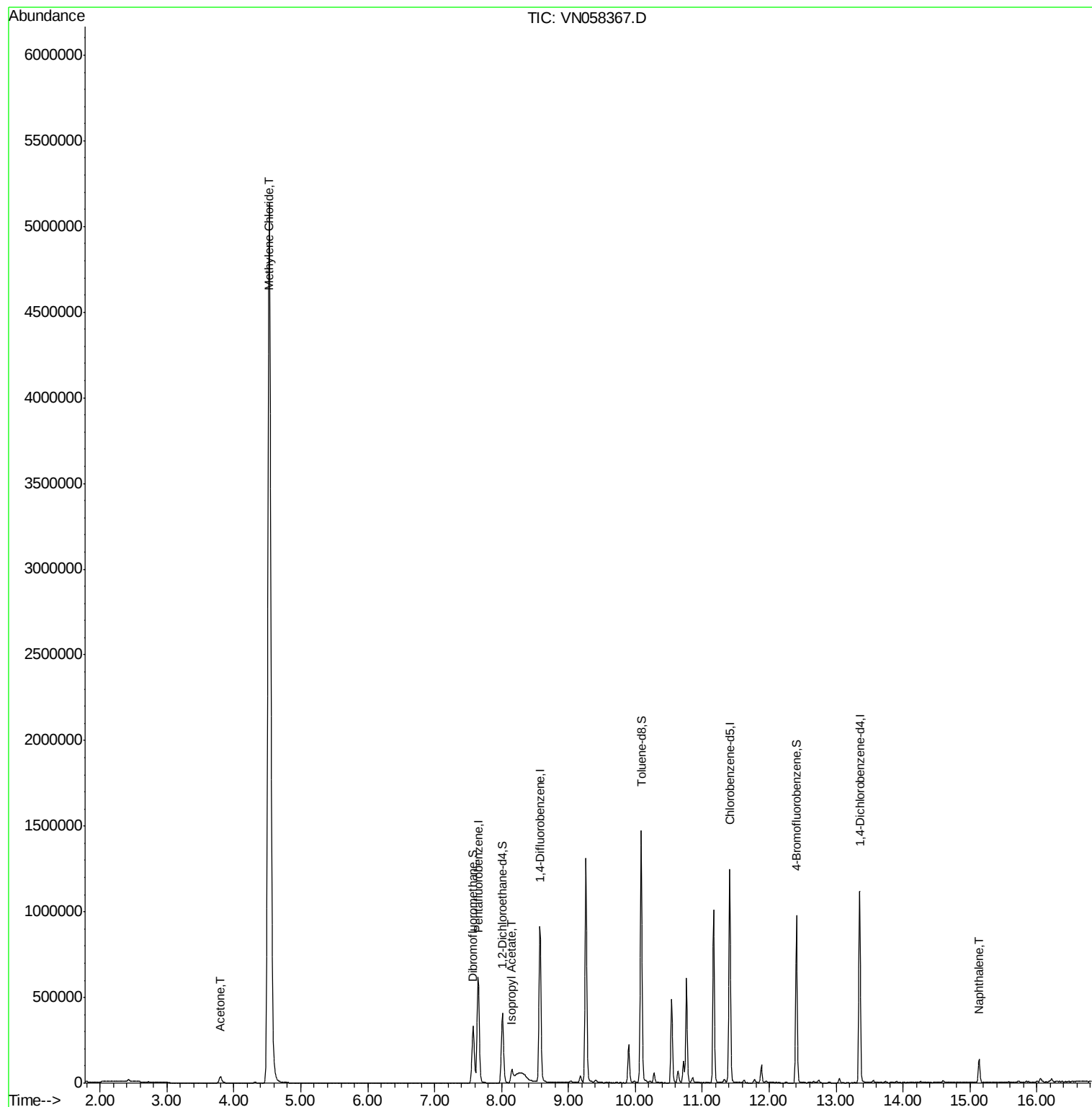
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	475620	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	789332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	684270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	284486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	355489	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
35) Dibromofluoromethane	7.58	113	247356	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	10.08	98	1010416	54.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.08%	
62) 4-Bromofluorobenzene	12.41	95	331250	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
Target Compounds						
16) Acetone	3.80	43	62917	27.980	ug/l	98
20) Methylene Chloride	4.53	84	3897376	994.162	ug/l	96
43) Isopropyl Acetate	8.16	43	110073	9.977	ug/l #	85
95) Naphthalene	15.14	128	108556	7.989	ug/l	99

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

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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: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

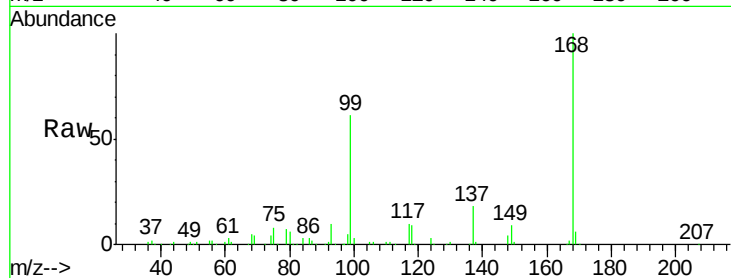
OK-02-092419

Tot Ion:168 Resp: 475620

Ion Ratio Lower Upper

168 100

99 61.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): VN058367.D (-1735) (-)

Ion 98.90 (98.60 to 99.60): VN058367.D (-1735) (-)

7.65

200000

150000

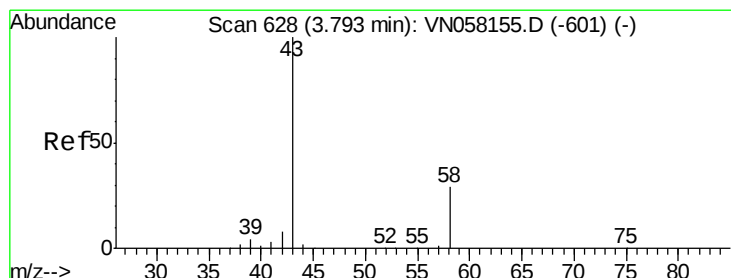
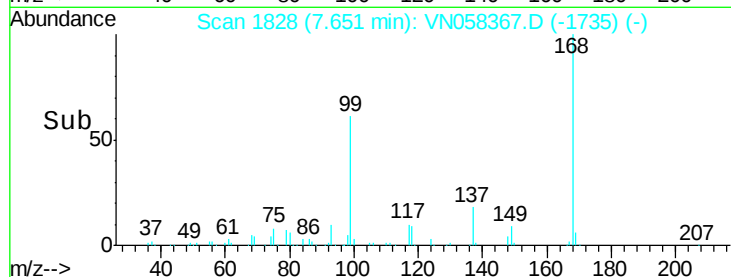
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 27.980 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN058367.D

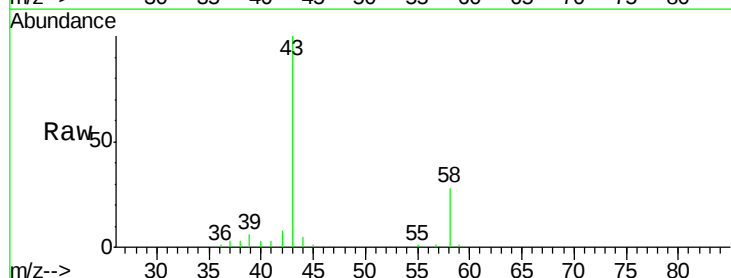
Acq: 25 Sep 2019 15:11

Tgt Ion: 43 Resp: 62917

Ion Ratio Lower Upper

43 100

58 28.0 23.4 35.2



Abundance Ion 43.00 (42.70 to 43.70): VN058367.D (-535) (-)

Ion 58.00 (57.70 to 58.70): VN058367.D (-535) (-)

3.80

25000

20000

15000

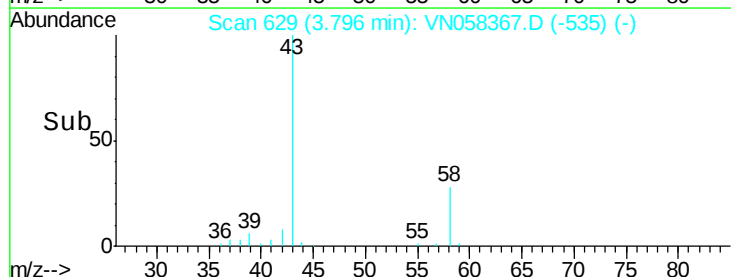
10000

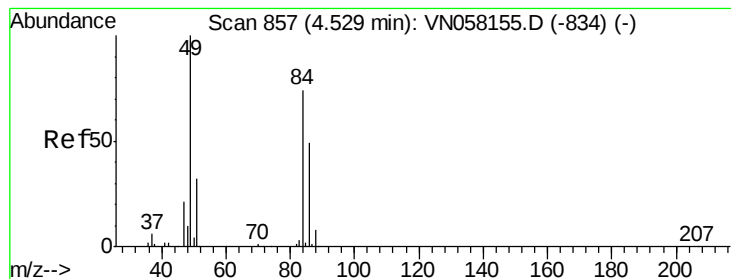
5000

0

3.70 3.80 3.90

Time-->





#20

Methvlene Chloride

Concen: 994.162 ug/l

RT: 4.53 min Scan# 857

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

OK-02-092419

Tot Ion: 84 Resp: 3897376

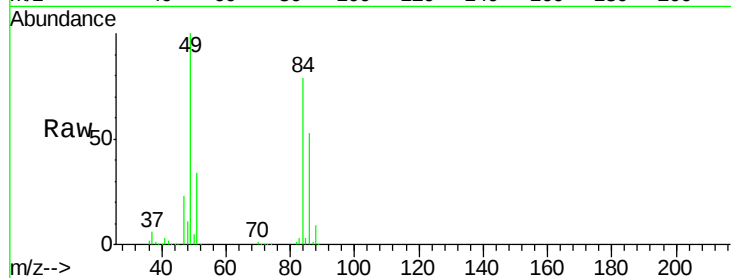
Ion Ratio Lower Upper

84 100

49 125.9 107.5 161.3

51 43.0 33.9 50.9

86 66.2 52.4 78.6

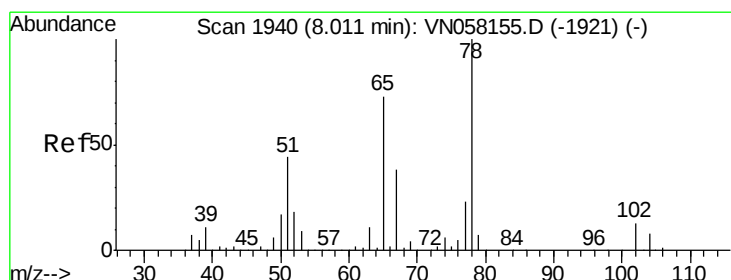
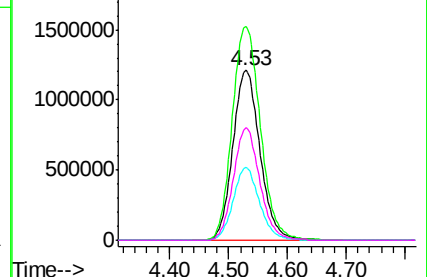
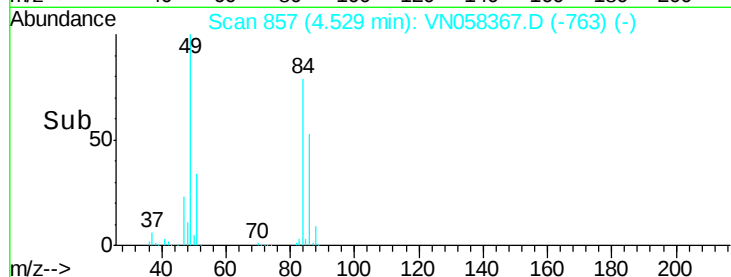


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.663 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN058367.D

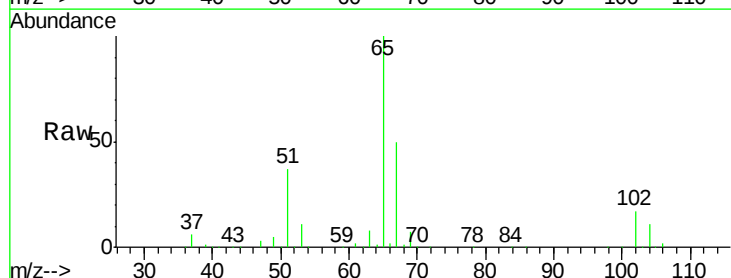
Acq: 25 Sep 2019 15:11

Tgt Ion: 65 Resp: 355489

Ion Ratio Lower Upper

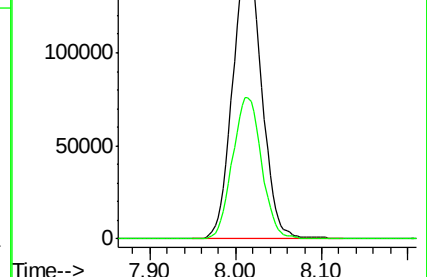
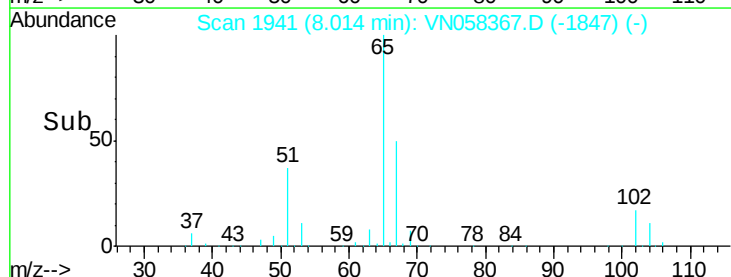
65 100

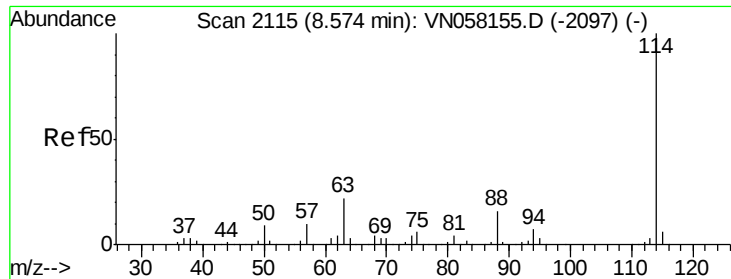
67 50.4 0.0 103.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

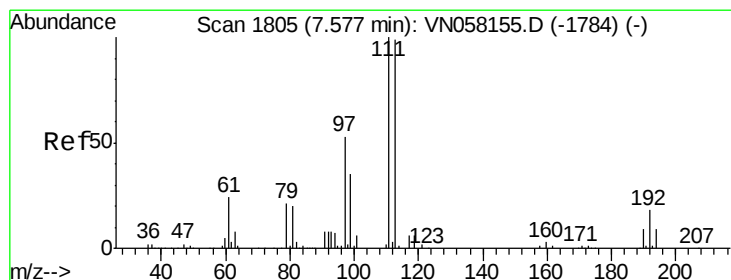
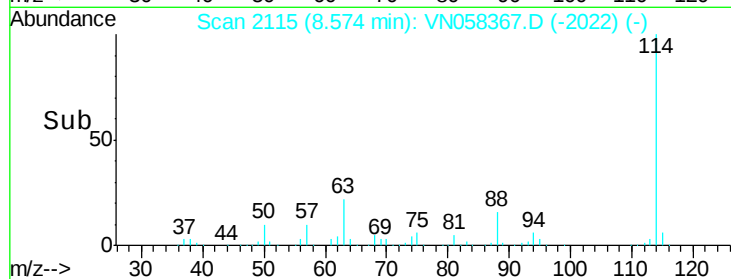
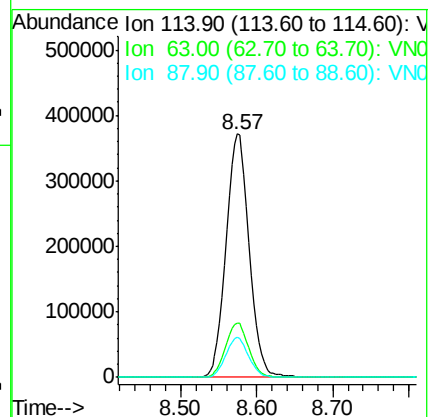
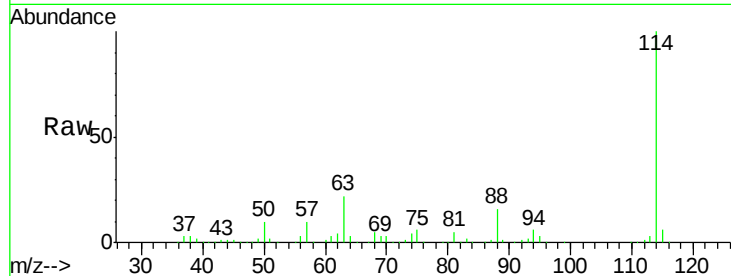




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2115
Delta R.T. -0.00 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

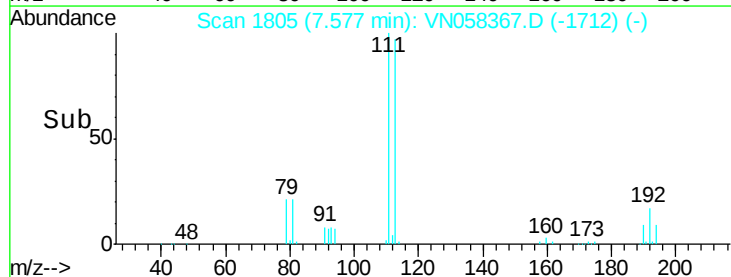
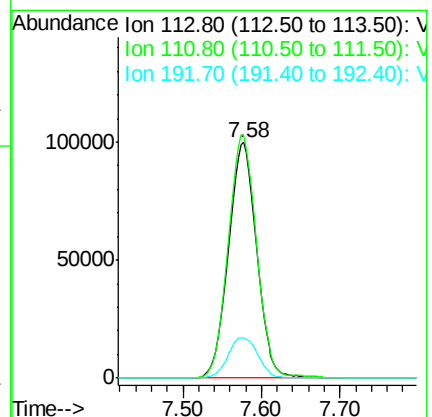
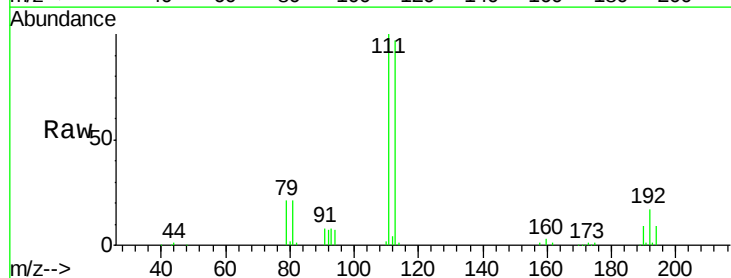
Instrument :
MSVOA_N
ClientSampleId :
OK-02-092419

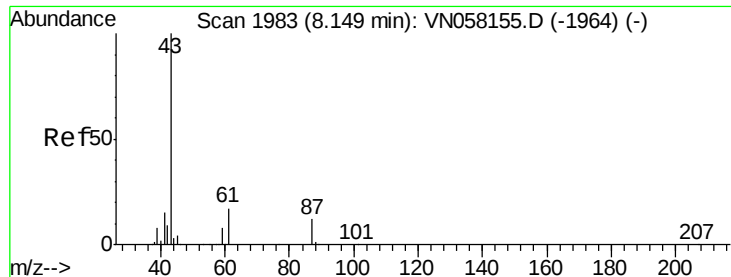
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	44.2
88	16.3	0.0	31.6



#35
Dibromofluoromethane
Concen: 51.549 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. -0.00 min
Lab File: VN058367.D
Acq: 25 Sep 2019 15:11

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.8	122.6
192	18.1	14.5	21.7





#43

Isopropyl Acetate

Concen: 9.977 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

OK-02-092419

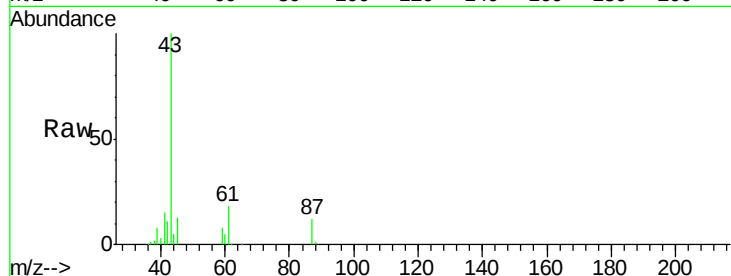
Tot Ion: 43 Resp: 110073

Ion Ratio Lower Upper

43 100

61 15.0 19.7 29.5#

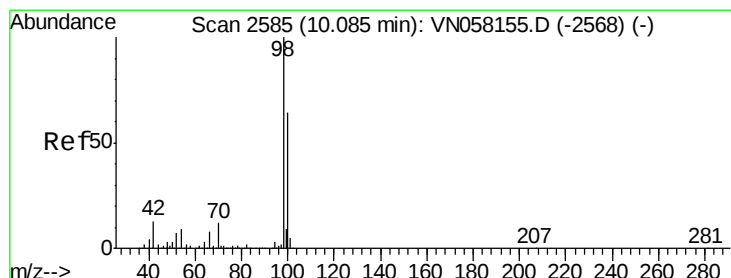
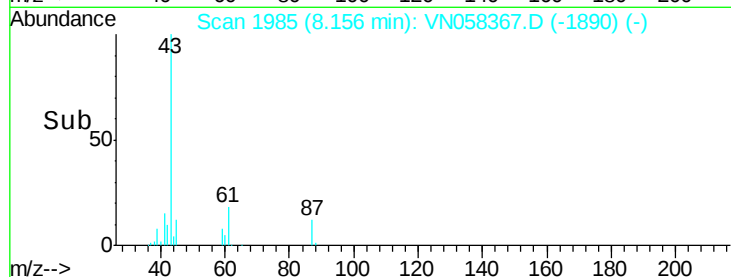
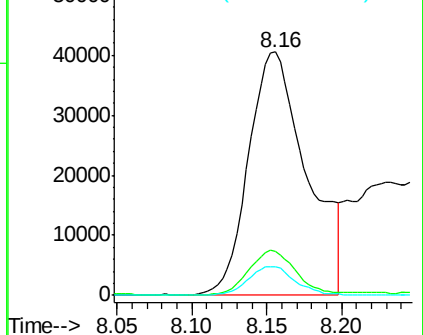
87 9.5 9.4 14.2



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: 54.045 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058367.D

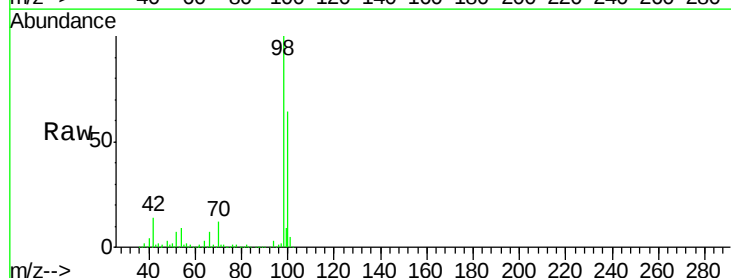
Acq: 25 Sep 2019 15:11

Tgt Ion: 98 Resp: 1010416

Ion Ratio Lower Upper

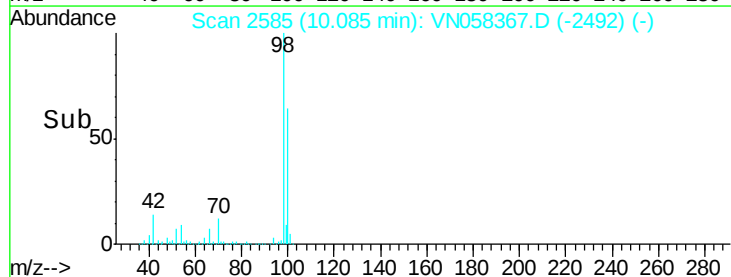
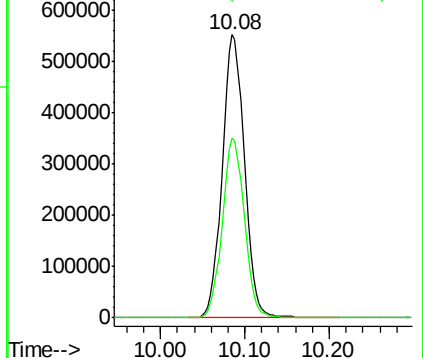
98 100

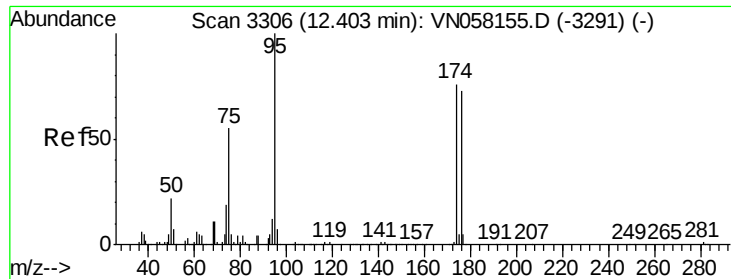
100 63.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 47.697 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

OK-02-092419

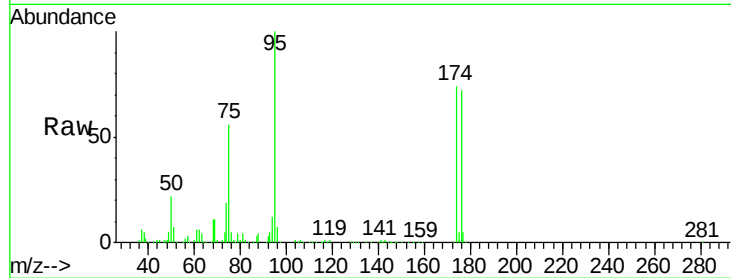
Tot Ion: 95 Resp: 331250

Ion Ratio Lower Upper

95 100

174 74.3 0.0 152.2

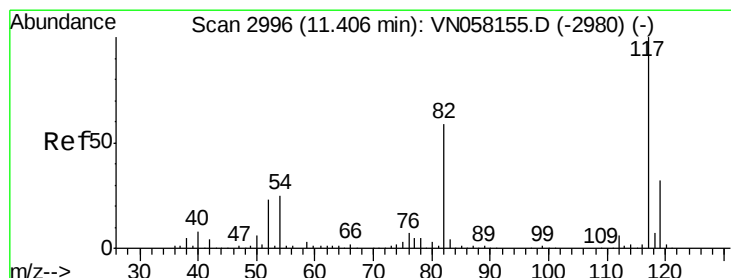
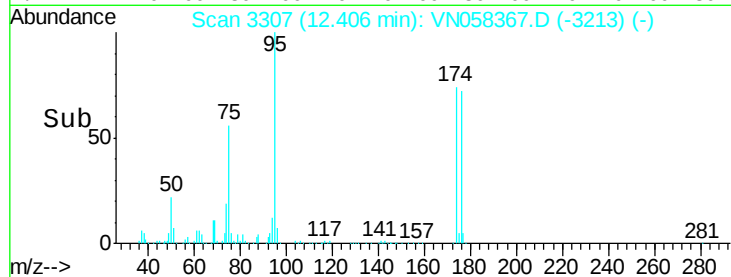
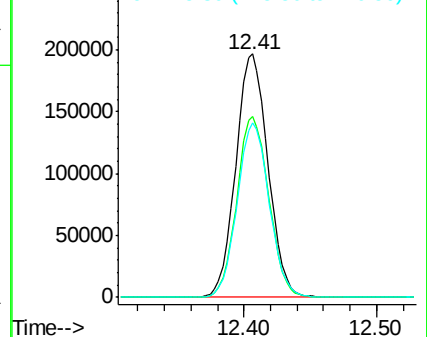
176 71.5 0.0 148.0



Abundance Ion 94.90 (94.60 to 95.60): VN058155.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN058155.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN058155.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

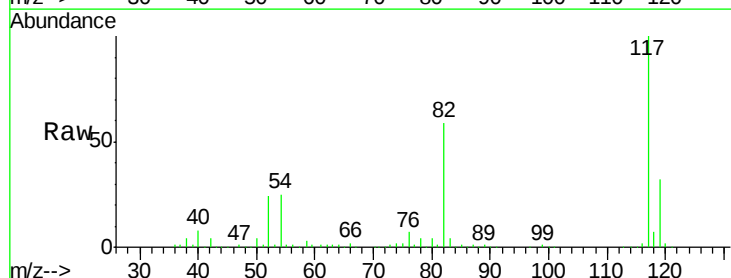
Tgt Ion: 117 Resp: 684270

Ion Ratio Lower Upper

117 100

82 58.6 46.9 70.3

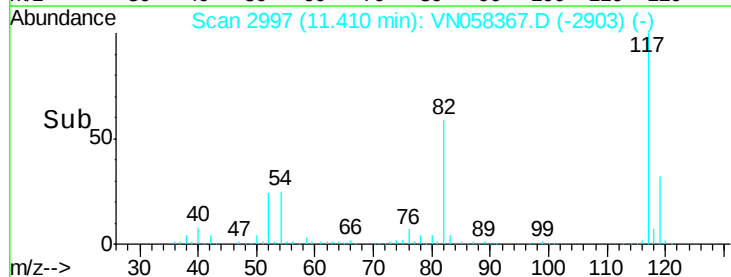
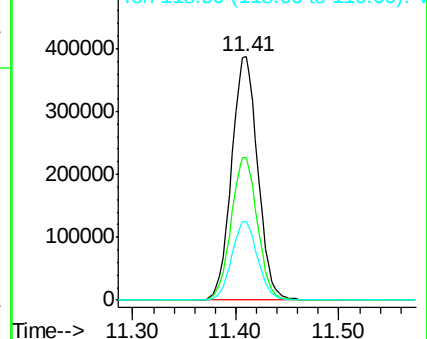
119 32.1 25.3 37.9

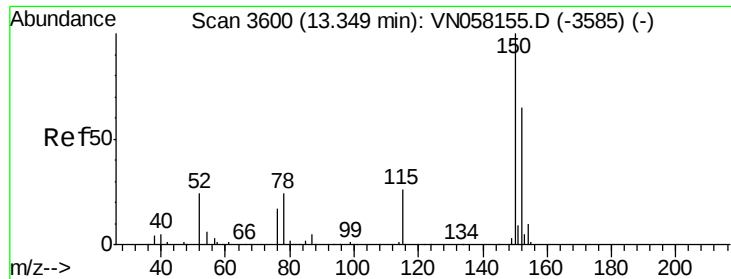


Abundance Ion 116.90 (116.60 to 117.60): VN058155.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN058155.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN058155.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampled :

OK-02-092419

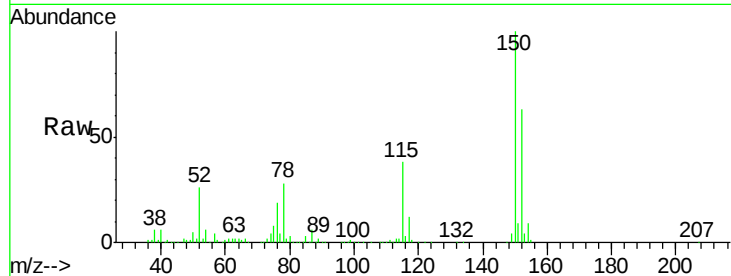
Tot Ion:152 Resp: 284486

Ion Ratio Lower Upper

152 100

115 60.8 30.1 90.3

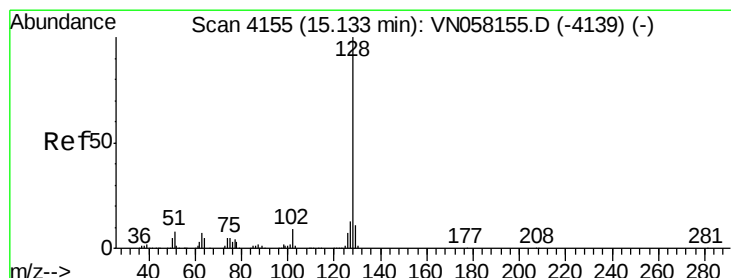
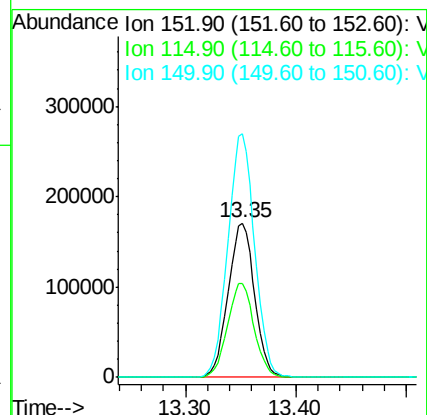
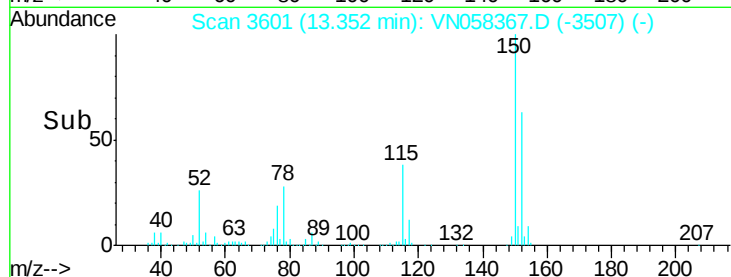
150 159.4 0.0 346.4



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



#95

Naphthalene

Concen: 7.989 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058367.D

Acq: 25 Sep 2019 15:11

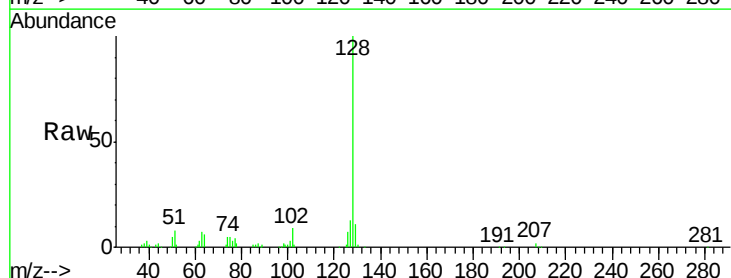
Tgt Ion:128 Resp: 108556

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 10.9 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

