

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057484.D
 Acq On : 23 Aug 2019 20:28
 Operator : JC/SP
 Sample : K4472-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

Quant Time: Aug 26 05:48:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 2019
 Response via : Initial Calibration

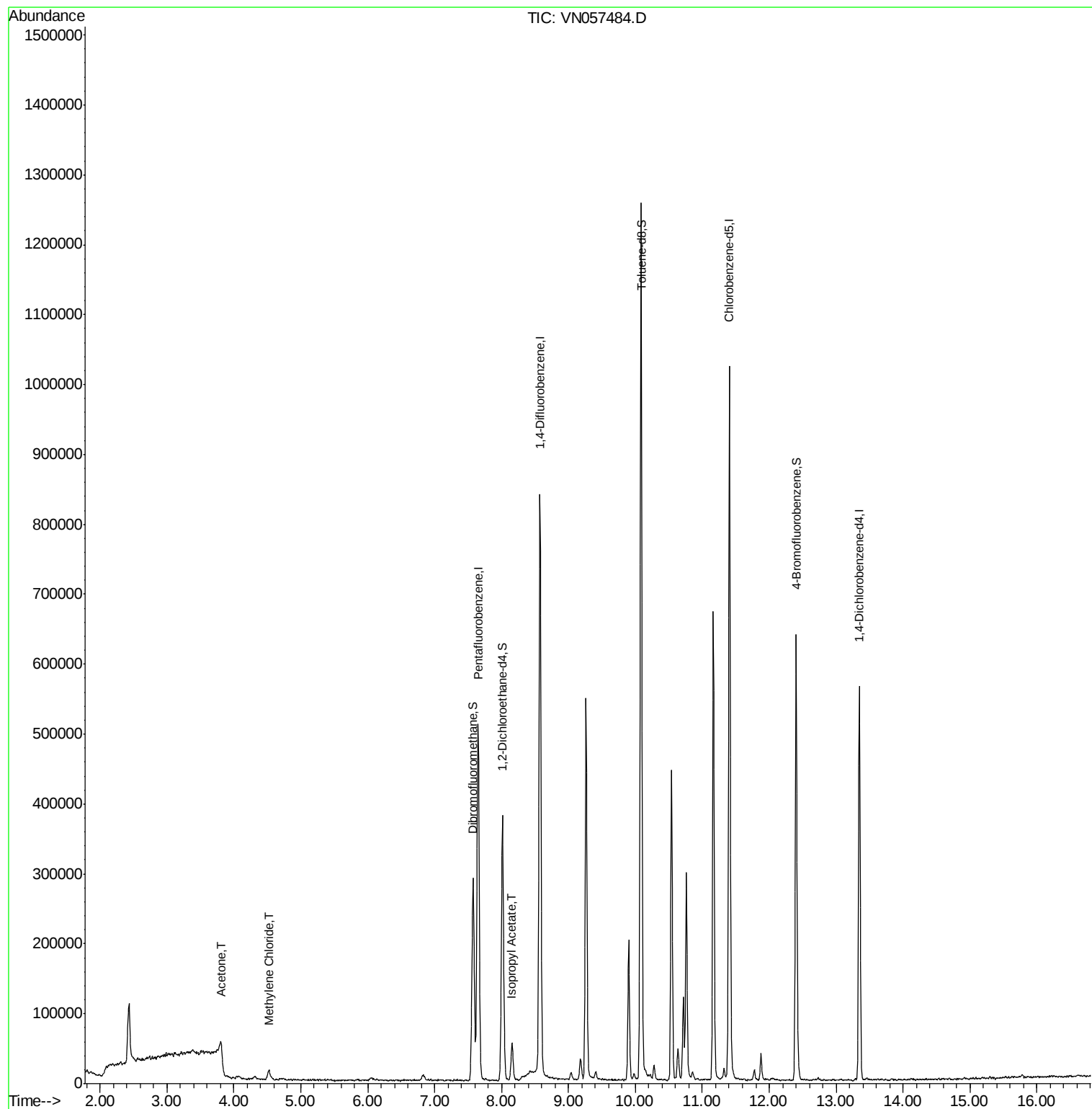
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	379354	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	656482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	534197	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	134134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	310850	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
35) Dibromofluoromethane	7.58	113	208368	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
50) Toluene-d8	10.09	98	816339	48.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.38%	
62) 4-Bromofluorobenzene	12.40	95	225230	39.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.28%	
Target Compounds						
16) Acetone	3.80	43	26119	8.523	ug/l	91
20) Methylene Chloride	4.52	84	8481	1.794	ug/l #	90
43) Isopropyl Acetate	8.16	43	65592	5.397	ug/l #	95

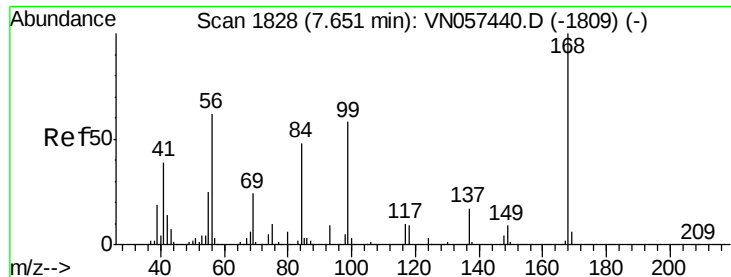
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

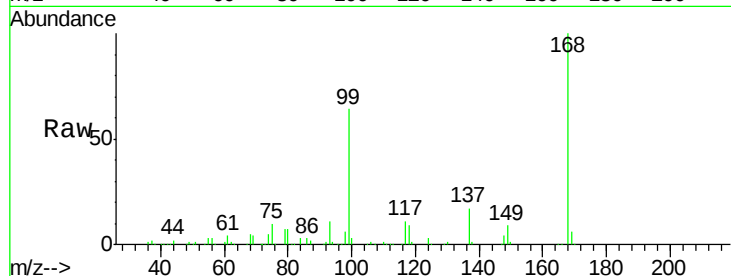
T1-S4(2.5)

Tot Ion:168 Resp: 379354

Ion Ratio Lower Upper

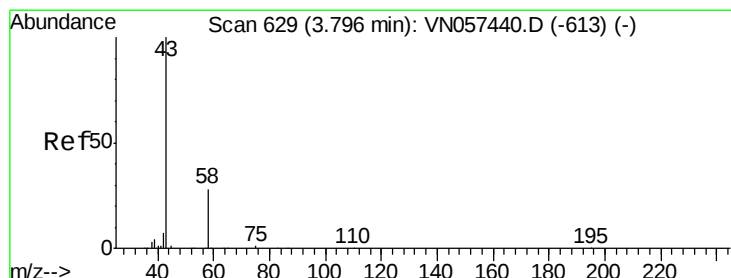
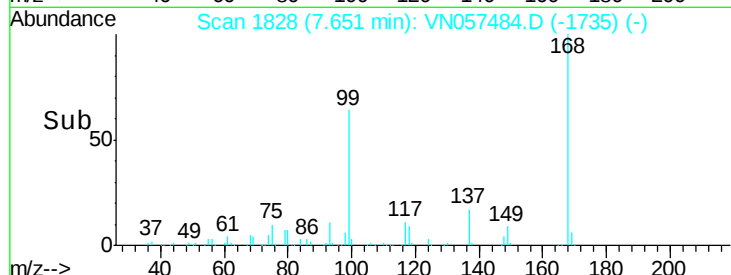
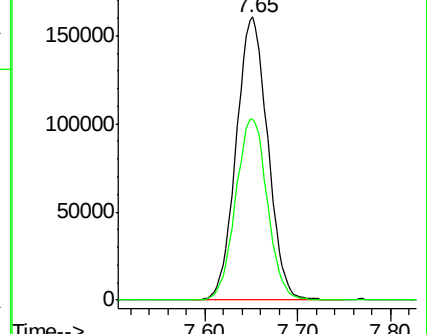
168 100

99 64.0 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 8.523 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN057484.D

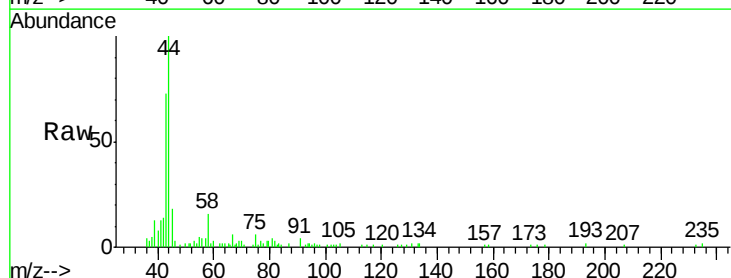
Acq: 23 Aug 2019 20:28

Tgt Ion: 43 Resp: 26119

Ion Ratio Lower Upper

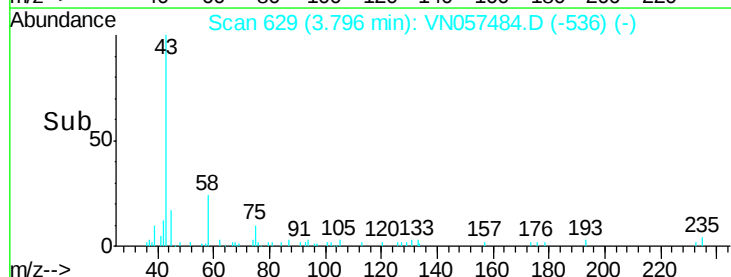
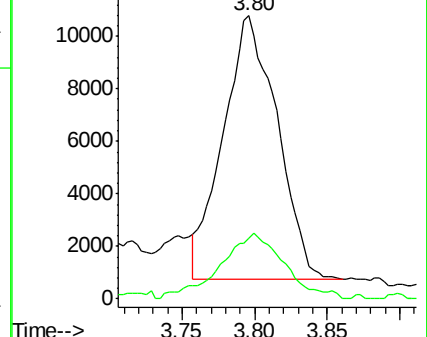
43 100

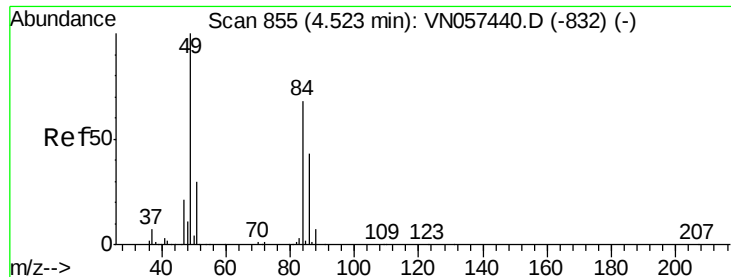
58 23.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 1.794 ug/l

RT: 4.52 min Scan# 853

Delta R.T. -0.01 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampled :

T1-S4(2.5)

Tot Ion: 84 Resp: 8481

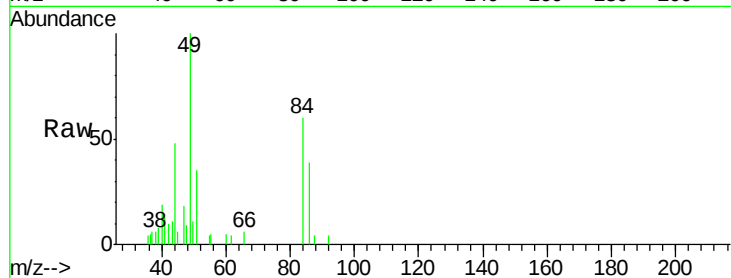
Ion Ratio Lower Upper

84 100

49 158.7 117.0 175.4

51 57.6 35.5 53.3#

86 65.5 49.8 74.8

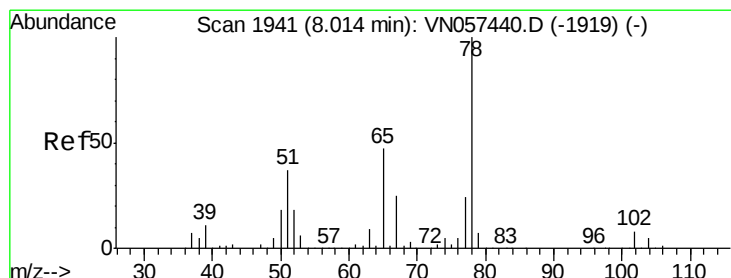
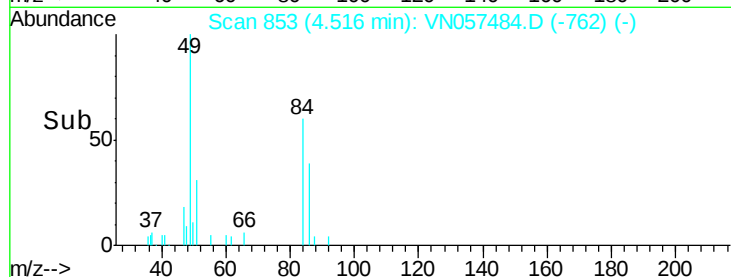
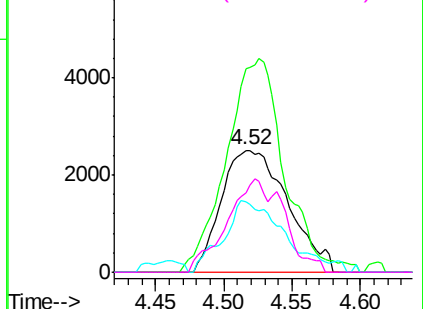


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 46.581 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057484.D

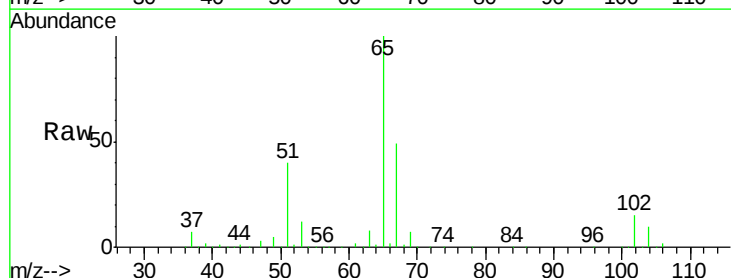
Acq: 23 Aug 2019 20:28

Tgt Ion: 65 Resp: 310850

Ion Ratio Lower Upper

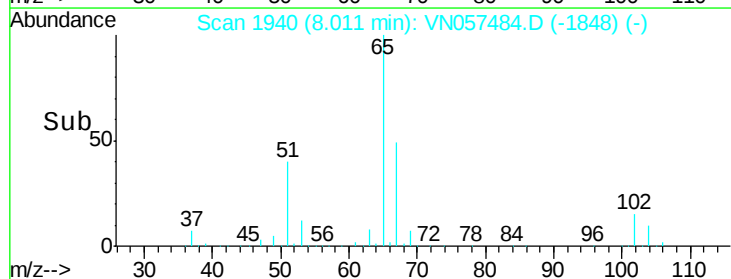
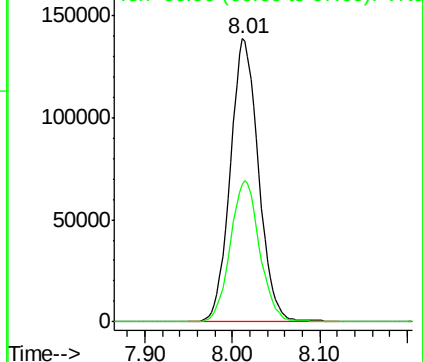
65 100

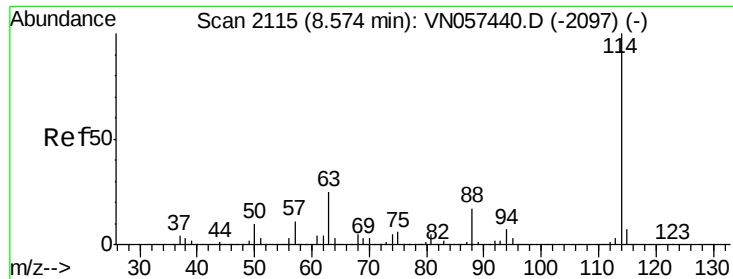
67 51.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

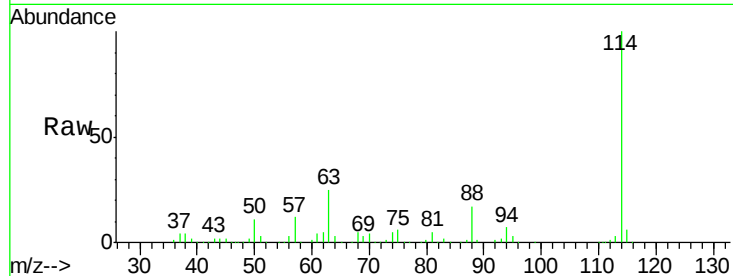




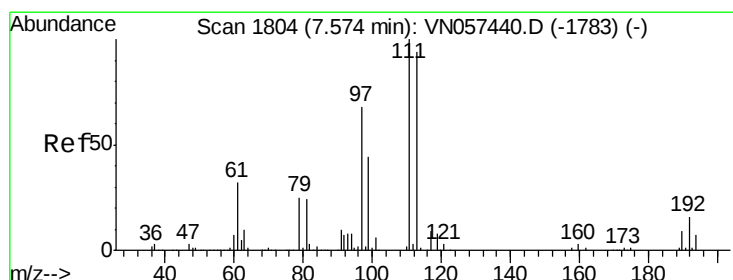
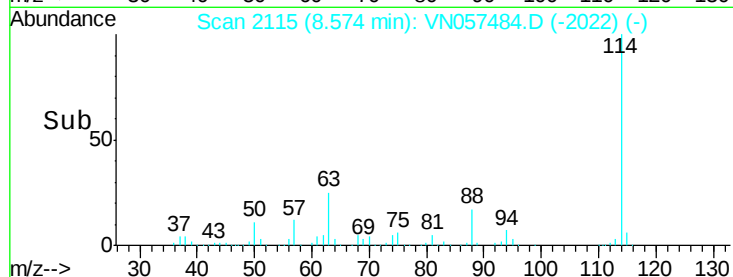
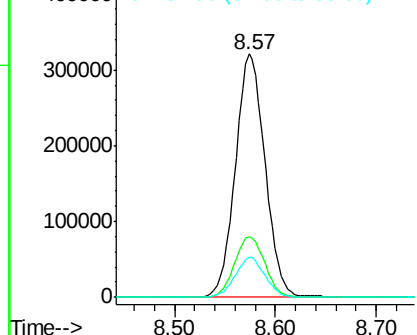
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S4(2.5)

Tot Ion:114 Resp: 656482
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 50.2
 88 16.6 0.0 34.6

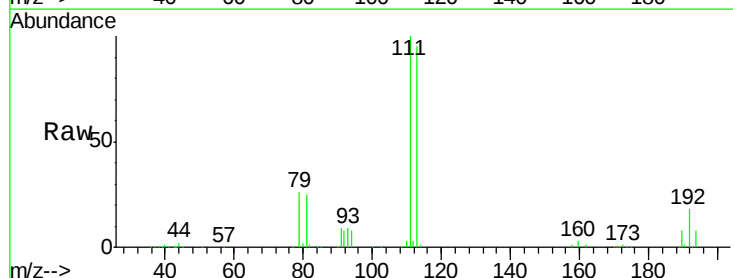


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

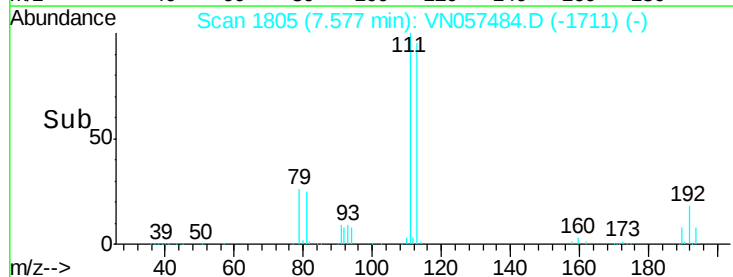
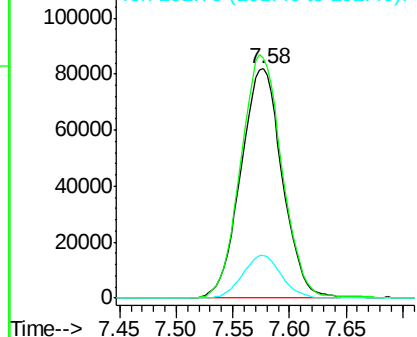


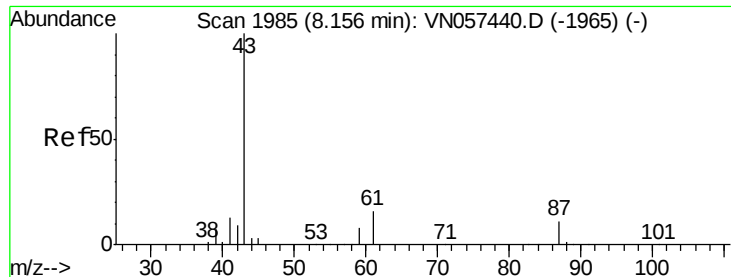
#35
 Dibromofluoromethane
 Concen: 46.991 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057484.D
 Acq: 23 Aug 2019 20:28

Tgt Ion:113 Resp: 208368
 Ion Ratio Lower Upper
 113 100
 111 105.6 83.8 125.6
 192 17.4 13.5 20.3



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





#43

Isopropyl Acetate

Concen: 5.397 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. -0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

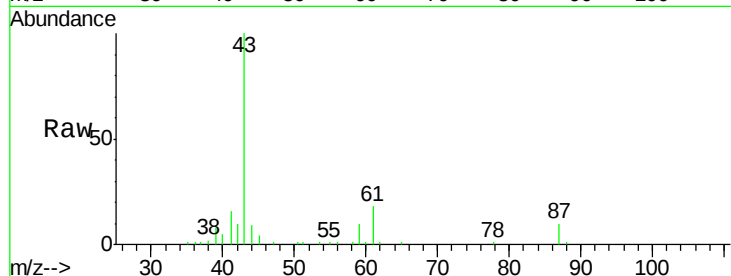
Tot Ion: 43 Resp: 65592

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

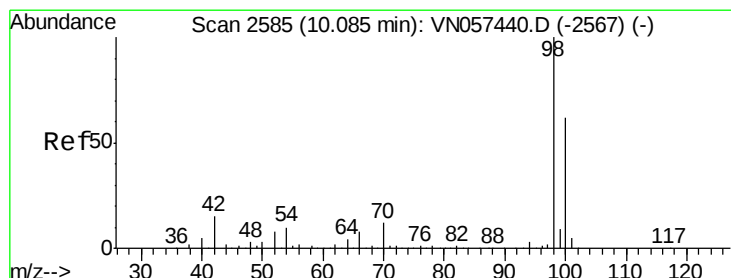
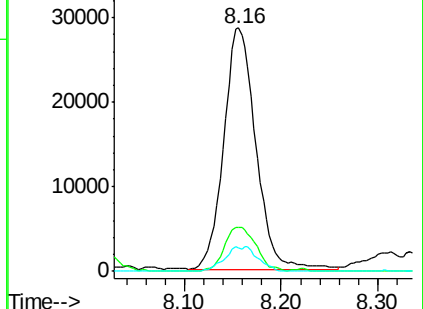
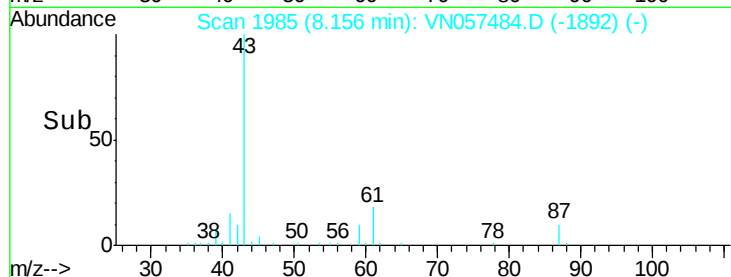
87 5.7 8.6 12.8#



Abundance Ion 43.00 (42.70 to 43.70): VN057484.D (-1892) (-)

Ion 61.00 (60.70 to 61.70): VN057484.D (-1892) (-)

Ion 87.00 (86.70 to 87.70): VN057484.D (-1892) (-)



#50

Toluene-d8

Concen: 48.688 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057484.D

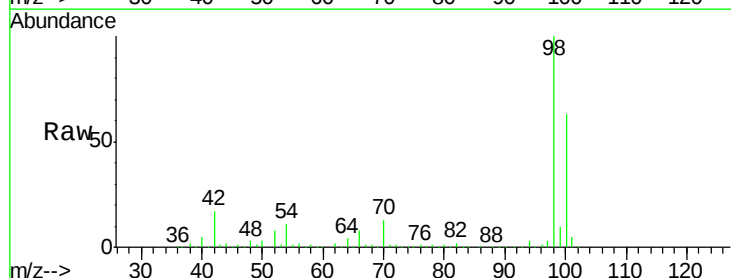
Acq: 23 Aug 2019 20:28

Tgt Ion: 98 Resp: 816339

Ion Ratio Lower Upper

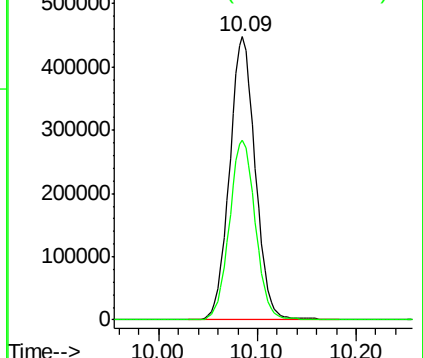
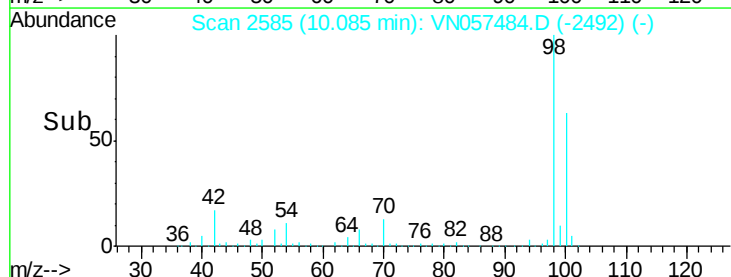
98 100

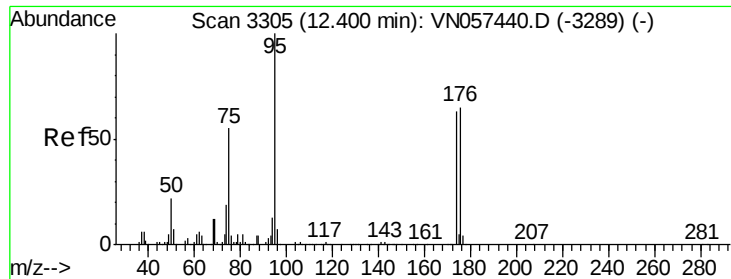
100 63.8 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN057484.D (-2492) (-)

Ion 100.00 (99.70 to 100.70): VN057484.D (-2492) (-)





#62

4-Bromofluorobenzene

Concen: 39.639 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

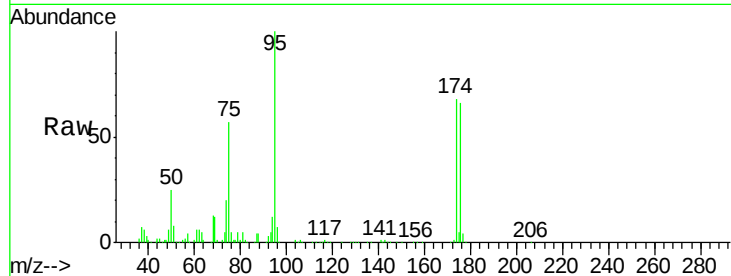
Tot Ion: 95 Resp: 225230

Ion Ratio Lower Upper

95 100

174 69.0 0.0 133.0

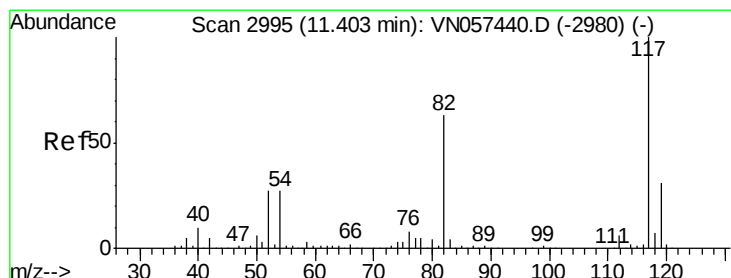
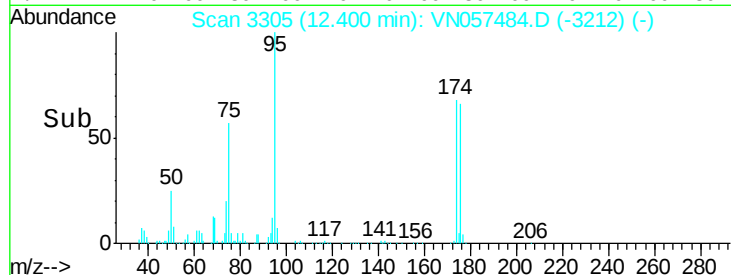
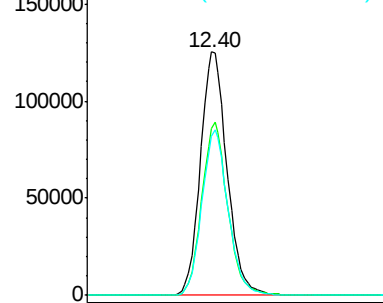
176 66.9 0.0 130.8



Abundance Ion 94.90 (94.60 to 95.60): VN057484.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN057484.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN057484.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

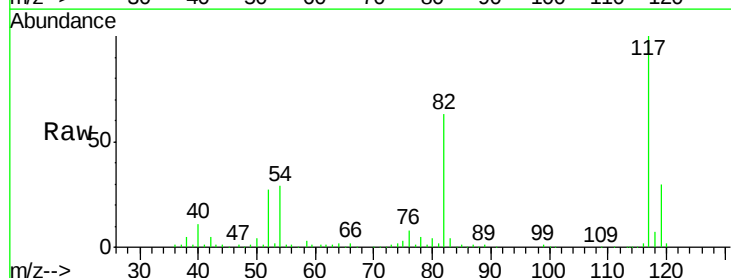
Tgt Ion: 117 Resp: 534197

Ion Ratio Lower Upper

117 100

82 63.0 50.6 75.8

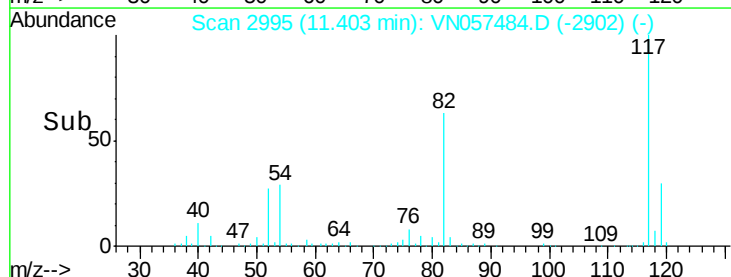
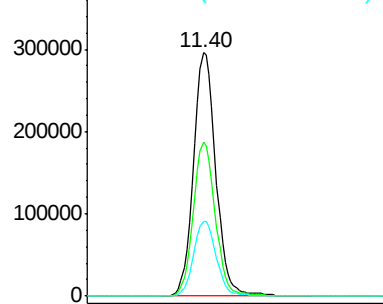
119 30.4 24.6 36.8

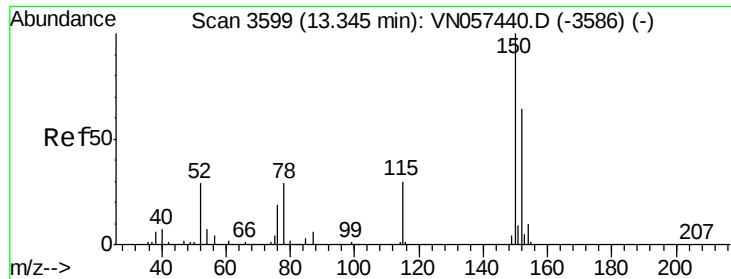


Abundance Ion 116.90 (116.60 to 117.60): VN057484.D (-2902) (-)

Ion 82.00 (81.70 to 82.70): VN057484.D (-2902) (-)

Ion 118.90 (118.60 to 119.60): VN057484.D (-2902) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057484.D

Acq: 23 Aug 2019 20:28

Instrument :

MSVOA_N

ClientSampleId :

T1-S4(2.5)

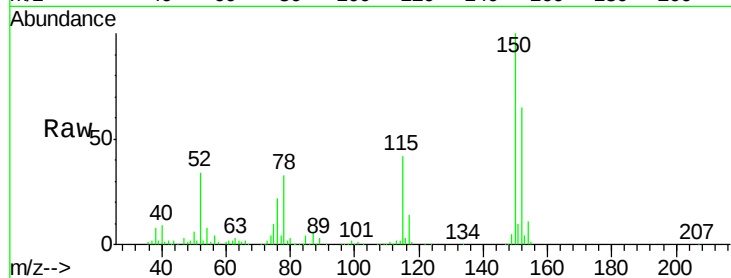
Tot Ion:152 Resp: 134134

Ion Ratio Lower Upper

152 100

115 64.9 32.0 96.0

150 157.4 0.0 346.6



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

