

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082419\
 Data File : VN057485.D
 Acq On : 23 Aug 2019 20:53
 Operator : JC/SP
 Sample : K4472-29
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

Quant Time: Aug 26 05:49:56 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

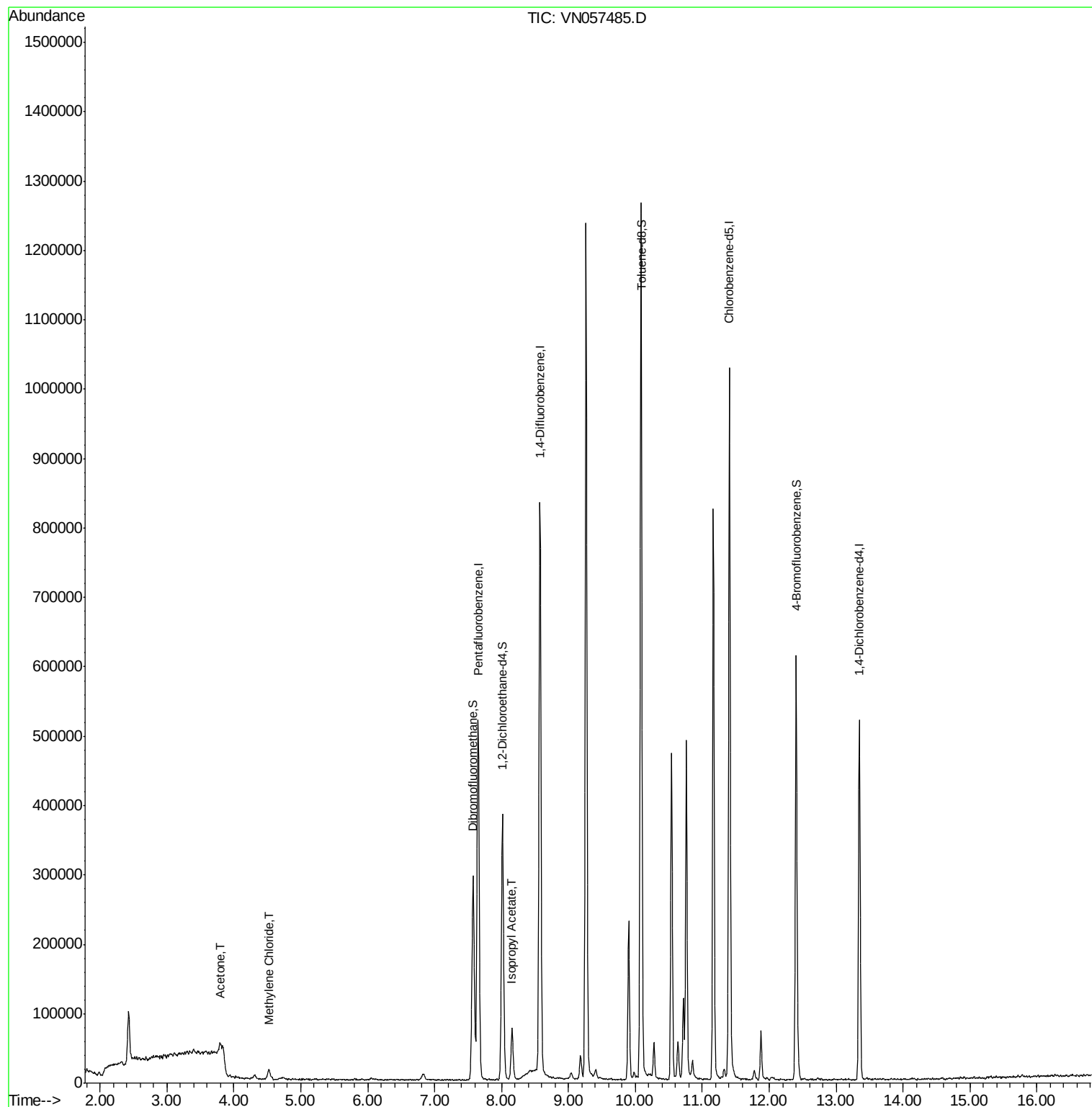
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	384898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	666575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	543557	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	124764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	319318	47.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.32%	
35) Dibromofluoromethane	7.57	113	215344	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
50) Toluene-d8	10.09	98	828185	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
62) 4-Bromofluorobenzene	12.40	95	220496	38.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.44%	
Target Compounds						
16) Acetone	3.79	43	29797	9.583	ug/l	97
20) Methylene Chloride	4.53	84	7942	1.650	ug/l	96
43) Isopropyl Acetate	8.16	43	92388	7.486	ug/l	99

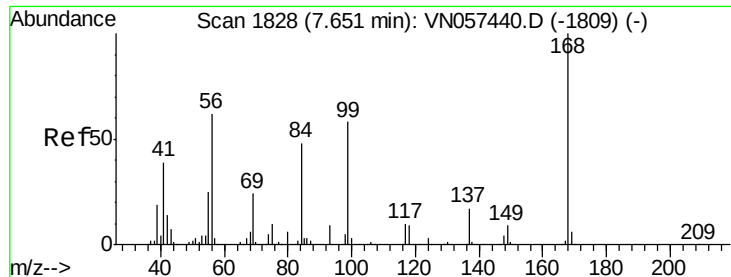
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 23 05:07:29 2019
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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: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

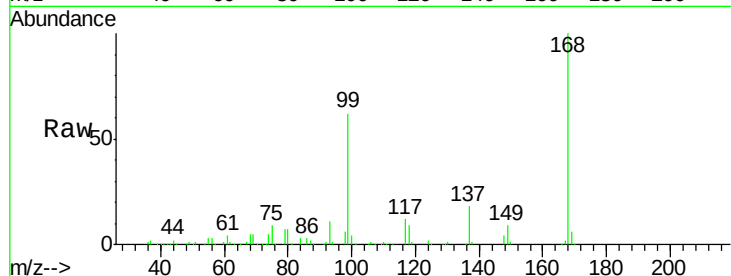
T2-S1(0)

Tot Ion:168 Resp: 384898

Ion Ratio Lower Upper

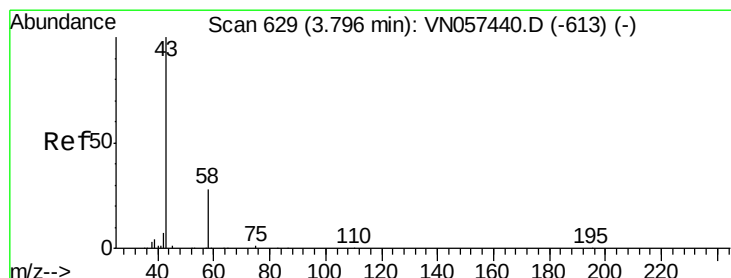
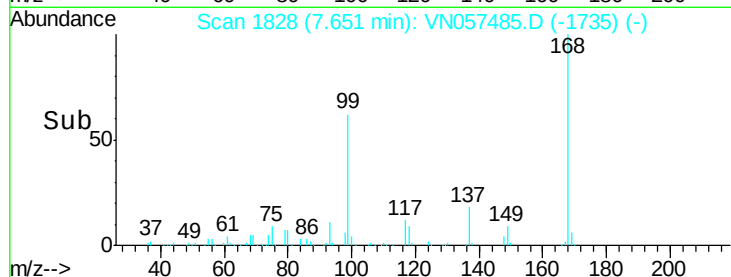
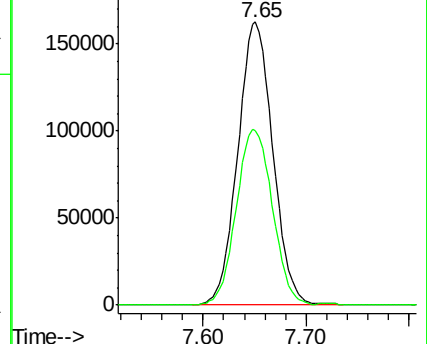
168 100

99 61.8 50.6 76.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.583 ug/l

RT: 3.79 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN057485.D

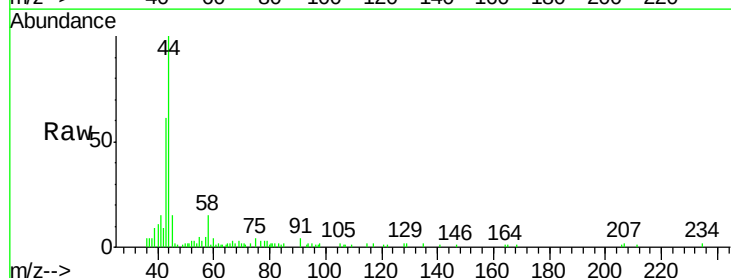
Acq: 23 Aug 2019 20:53

Tgt Ion: 43 Resp: 29797

Ion Ratio Lower Upper

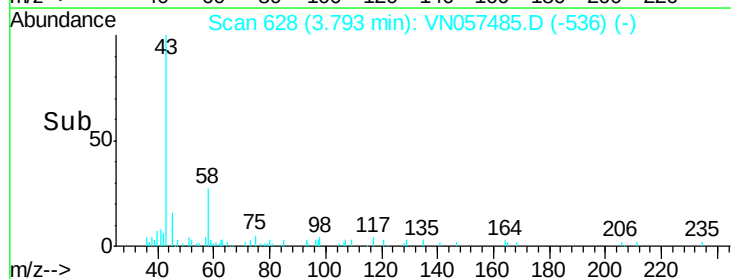
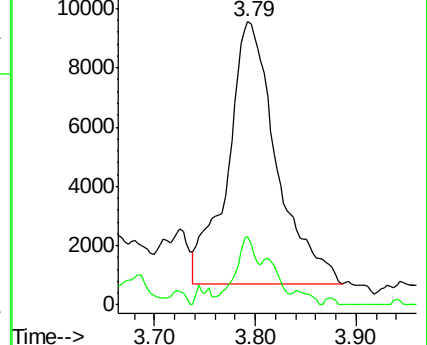
43 100

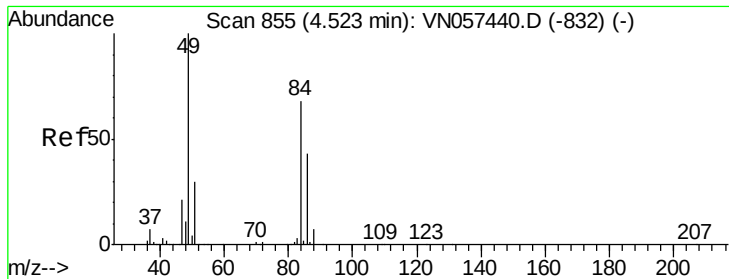
58 26.2 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.650 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

T2-S1(0)

Tot Ion: 84 Resp: 7942

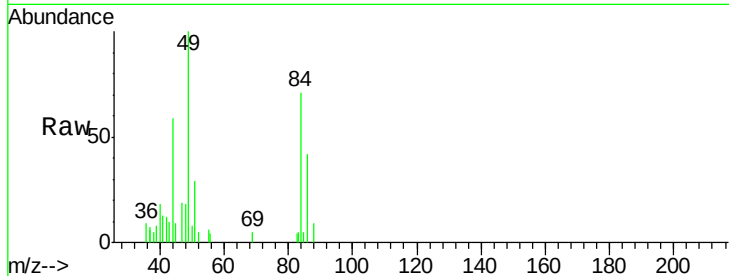
Ion Ratio Lower Upper

84 100

49 141.0 117.0 175.4

51 40.6 35.5 53.3

86 58.9 49.8 74.8

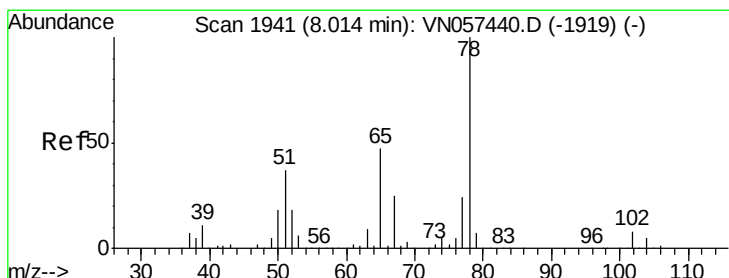
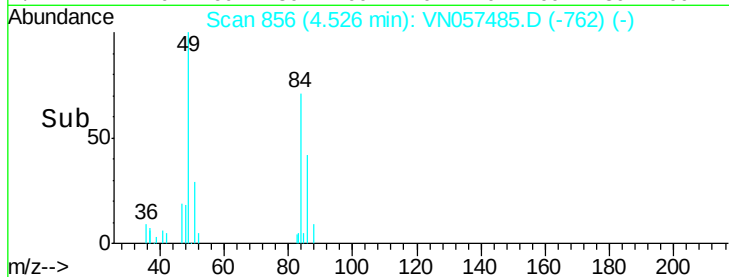
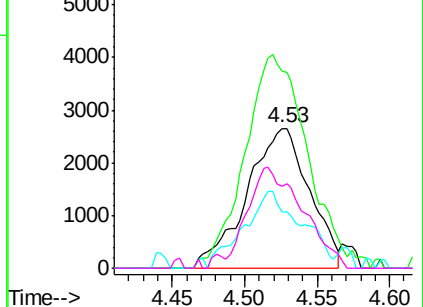


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: 47.161 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. -0.00 min

Lab File: VN057485.D

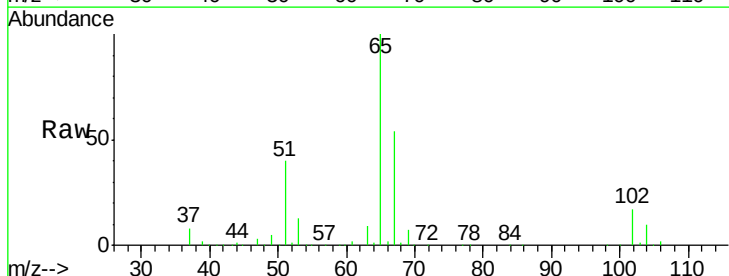
Acq: 23 Aug 2019 20:53

Tgt Ion: 65 Resp: 319318

Ion Ratio Lower Upper

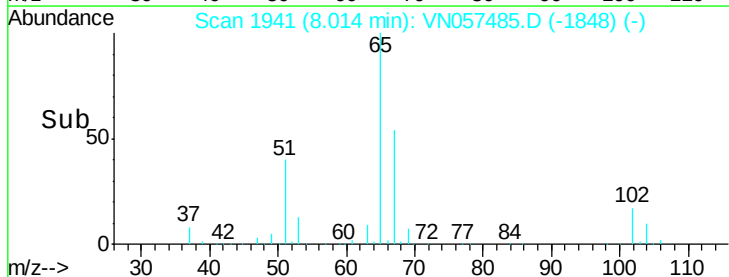
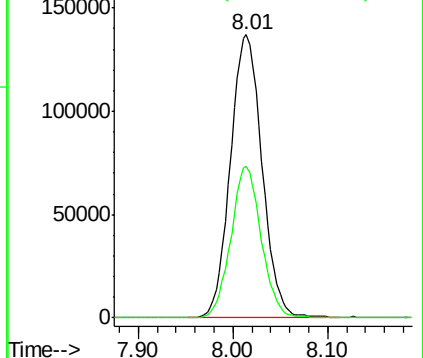
65 100

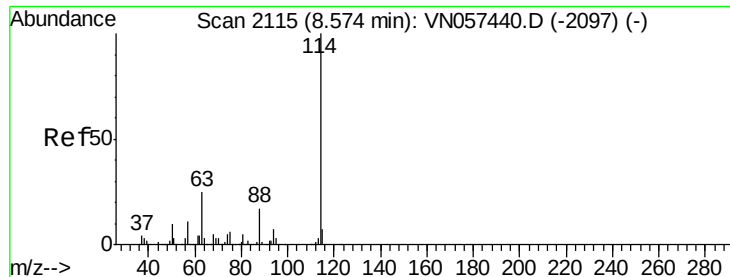
67 51.4 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

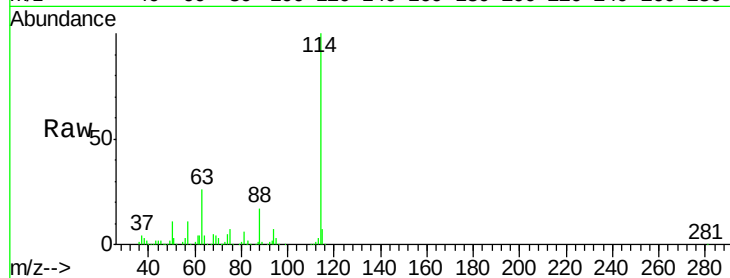




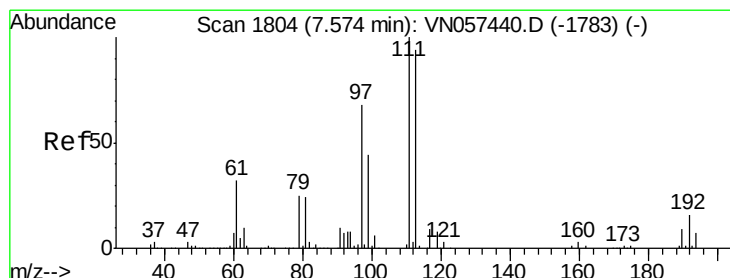
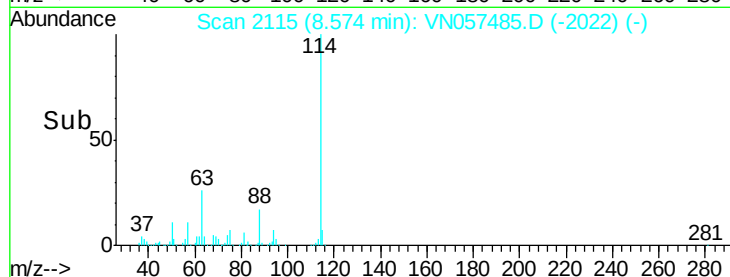
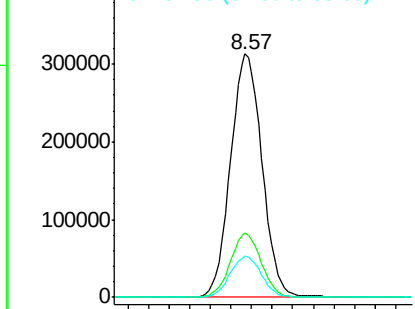
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

Tot Ion:114 Resp: 666575
 Ion Ratio Lower Upper
 114 100
 63 26.3 0.0 50.2
 88 16.8 0.0 34.6

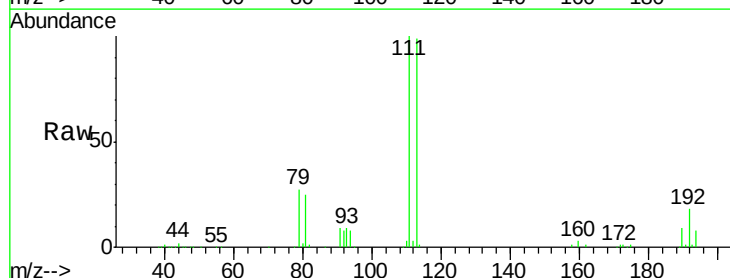


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

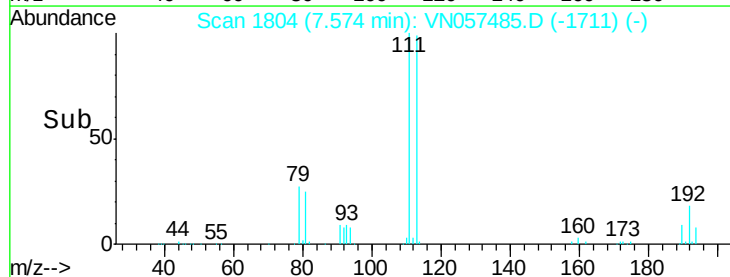
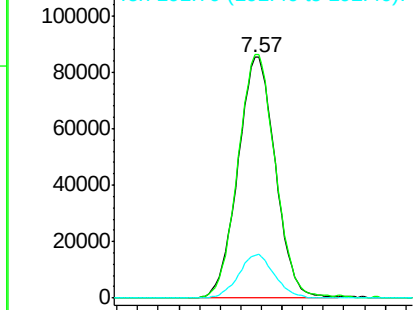


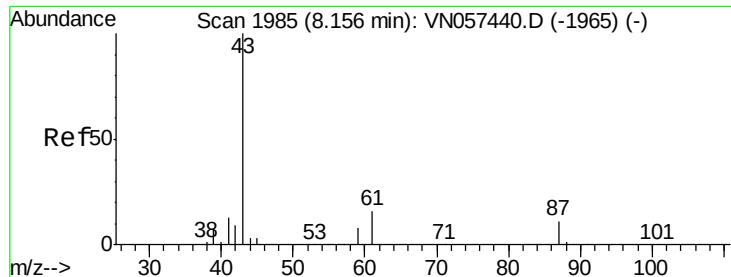
#35
 Dibromofluoromethane
 Concen: 47.828 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion:113 Resp: 215344
 Ion Ratio Lower Upper
 113 100
 111 100.7 83.8 125.6
 192 17.3 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: 7.486 ug/l

RT: 8.16 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampled :

T2-S1(0)

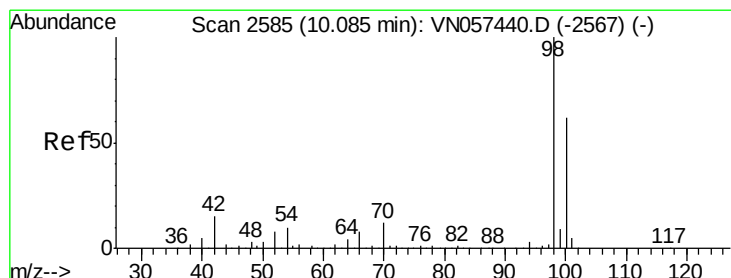
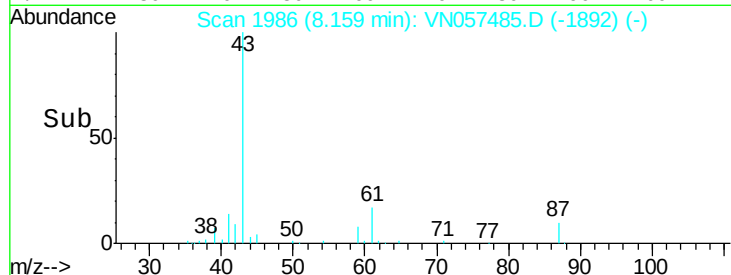
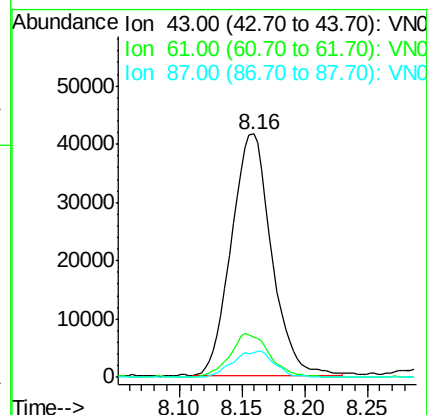
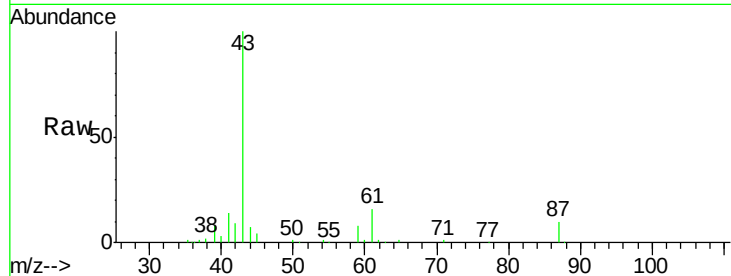
Tot Ion: 43 Resp: 92388

Ion Ratio Lower Upper

43 100

61 18.0 14.5 21.7

87 11.3 8.6 12.8



#50

Toluene-d8

Concen: 48.646 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057485.D

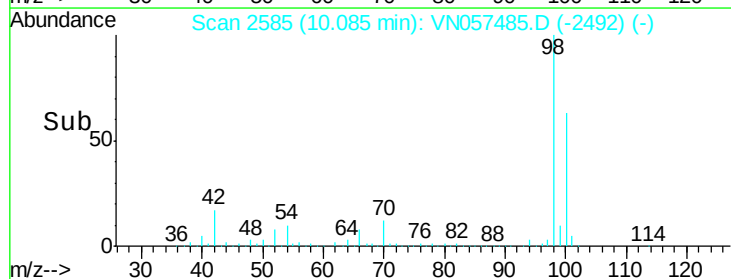
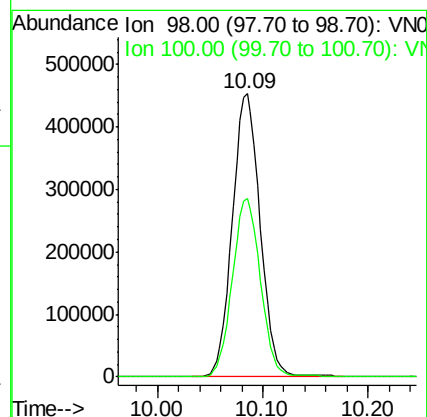
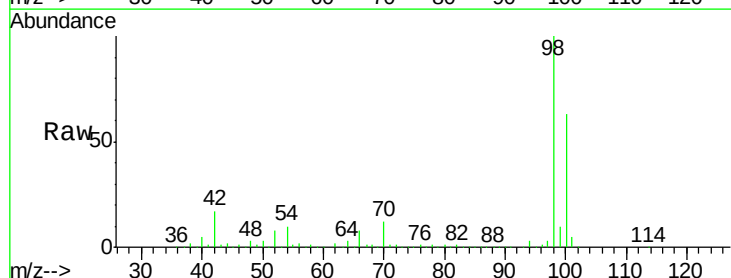
Acq: 23 Aug 2019 20:53

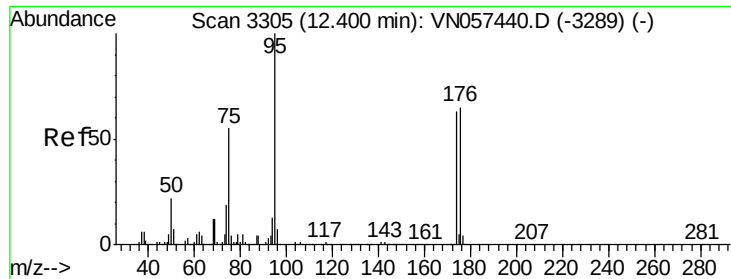
Tgt Ion: 98 Resp: 828185

Ion Ratio Lower Upper

98 100

100 63.7 50.4 75.6

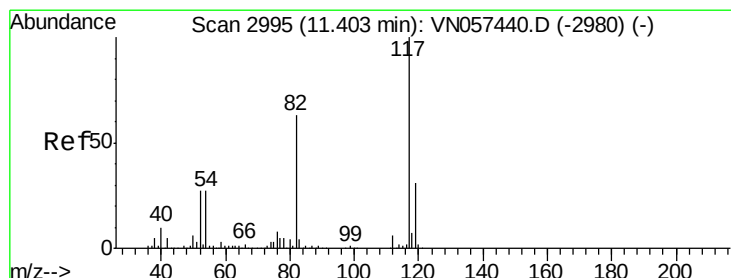
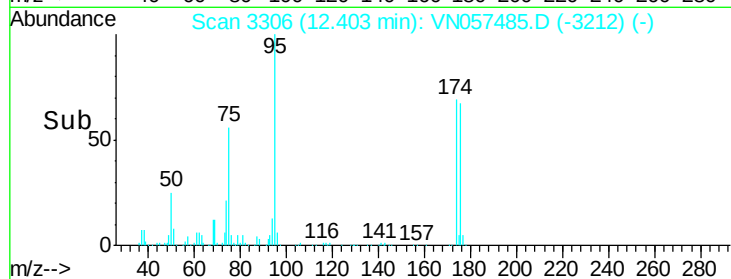
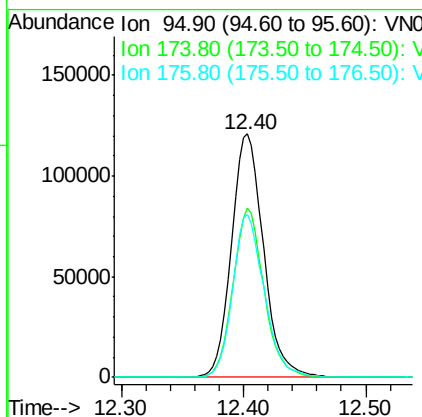
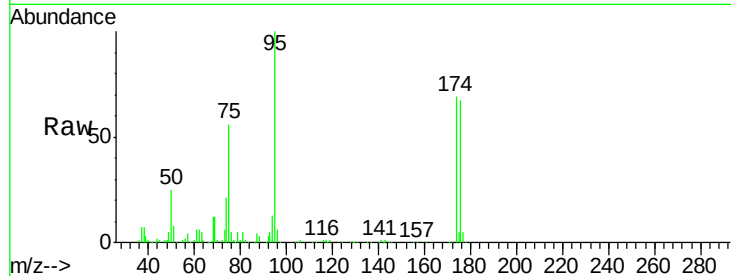




#62
 4-Bromofluorobenzene
 Concen: 38.218 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

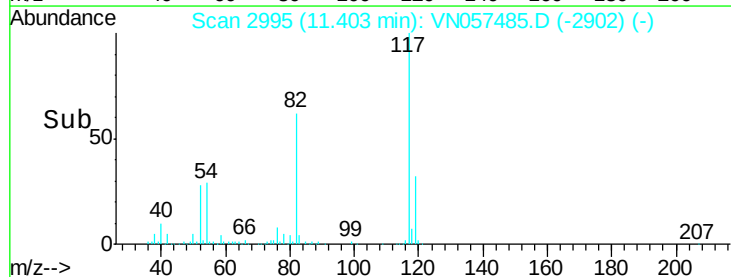
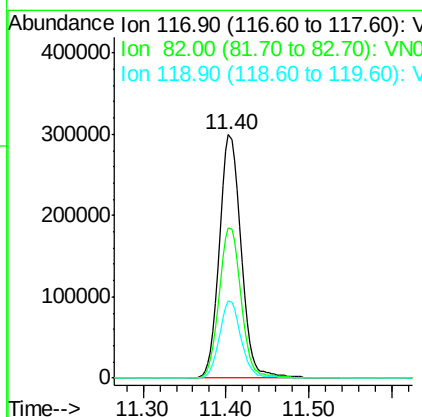
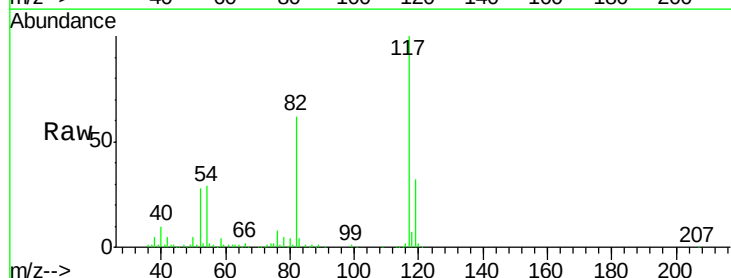
Instrument :
 MSVOA_N
 ClientSampleId :
 T2-S1(0)

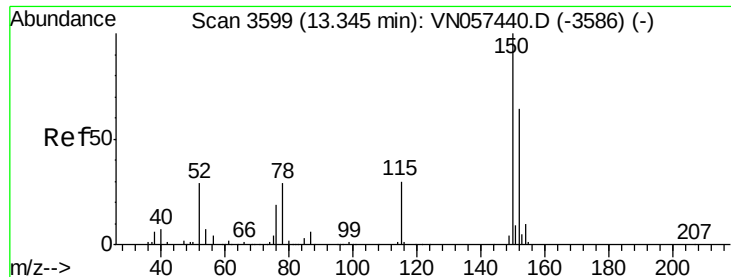
Tot Ion	95	Resp	220496
Ion Ratio	Lower	Upper	
95	100		
174	67.0	0.0	133.0
176	66.0	0.0	130.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: VN057485.D
 Acq: 23 Aug 2019 20:53

Tgt Ion	117	Resp	543557
Ion Ratio	Lower	Upper	
117	100		
82	61.9	50.6	75.8
119	31.6	24.6	36.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN057485.D

Acq: 23 Aug 2019 20:53

Instrument :

MSVOA_N

ClientSampleId :

T2-S1(0)

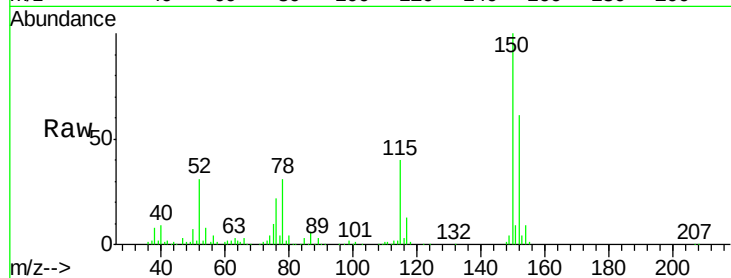
Tot Ion:152 Resp: 124764

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

150 161.8 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

