

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057410.D
 Acq On : 19 Aug 2019 19:10
 Operator : JC/SP
 Sample : K4389-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-F-(2)

Quant Time: Aug 20 08:42:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

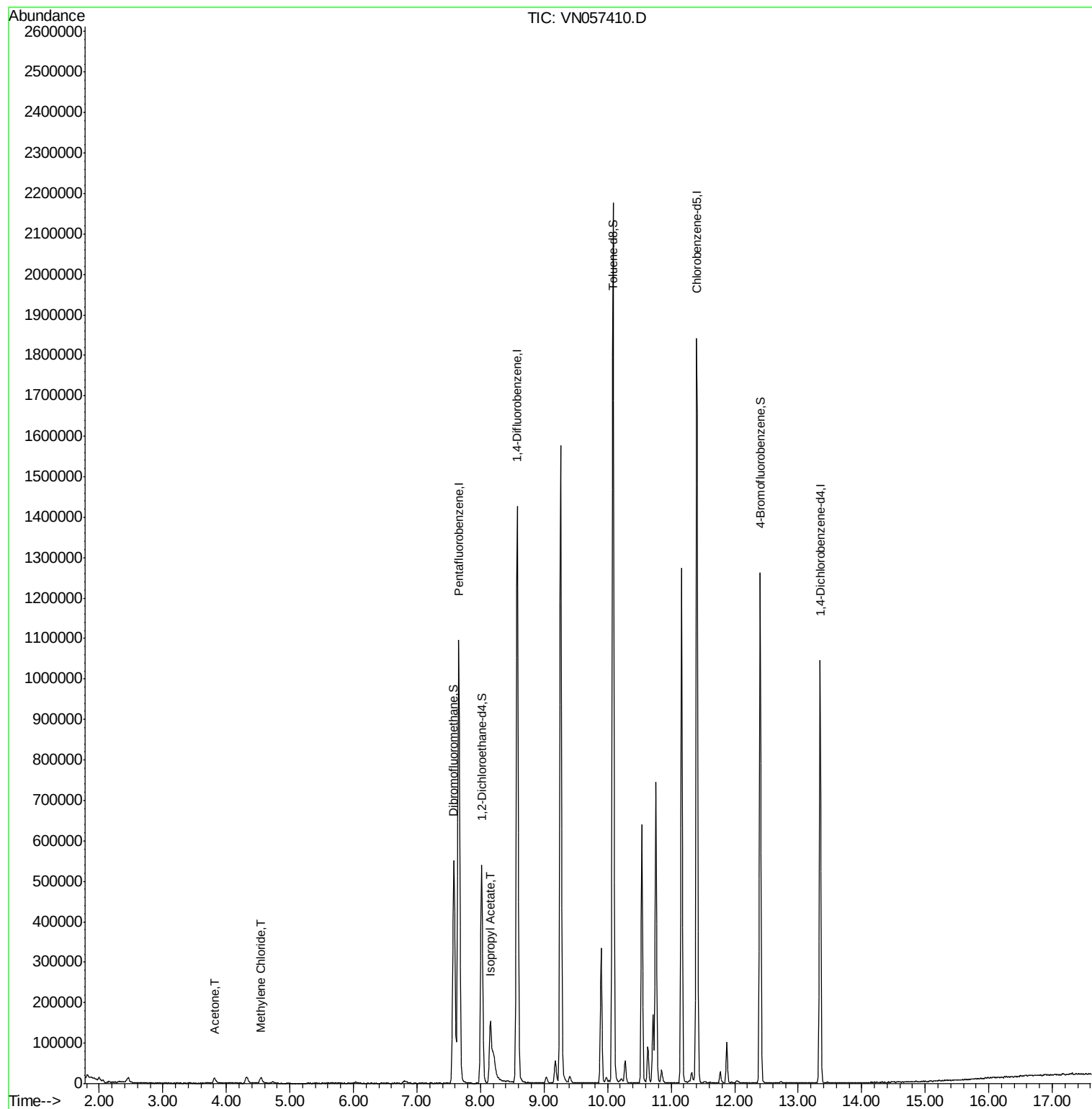
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	987507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1399085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1169742	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	312193	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	468519	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	
35) Dibromofluoromethane	7.58	113	427122	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	10.09	98	1613341	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.40	95	423915	35.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.52%	
Target Compounds						
16) Acetone	3.81	43	20638	5.542	ug/l	91
20) Methylene Chloride	4.55	84	11212	1.076	ug/l	99
43) Isopropyl Acetate	8.16	43	263865	13.436	ug/l #	74

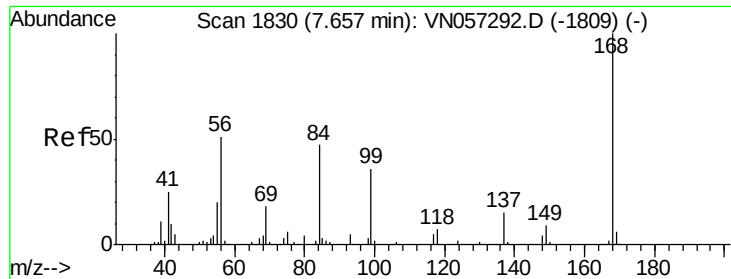
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 20 08:42:24 2019
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Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057410.D

Acq: 19 Aug 2019 19:10

Instrument :

MSVOA_N

ClientSampled :

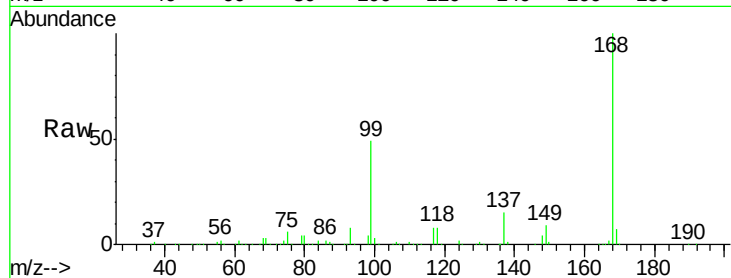
T4-F-(2)

Tot Ion:168 Resp: 987507

Ion Ratio Lower Upper

168 100

99 48.6 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

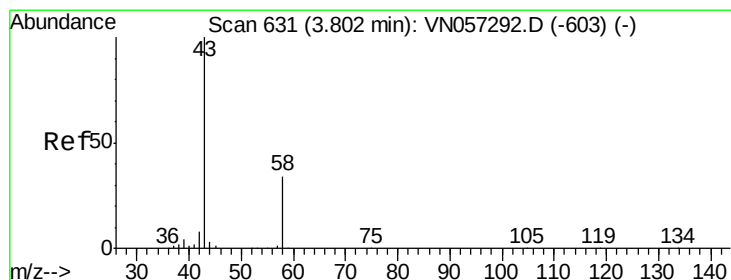
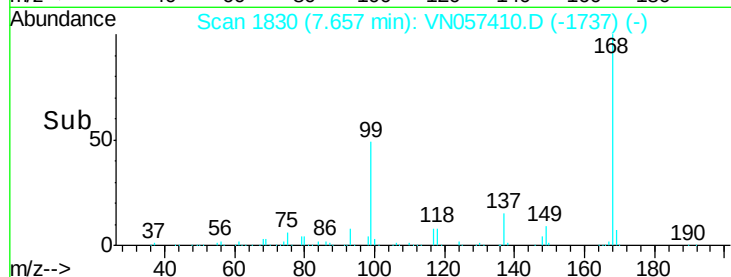
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.542 ug/l

RT: 3.81 min Scan# 633

Delta R.T. 0.01 min

Lab File: VN057410.D

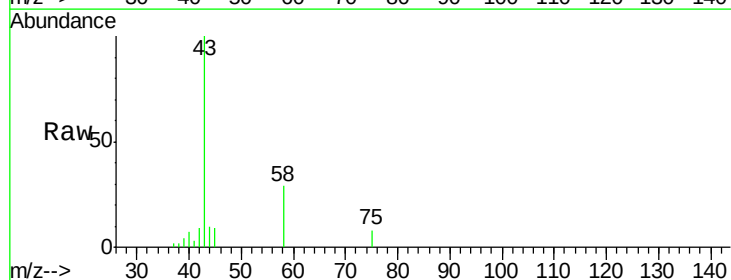
Acq: 19 Aug 2019 19:10

Tgt Ion: 43 Resp: 20638

Ion Ratio Lower Upper

43 100

58 28.7 27.0 40.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.81

8000

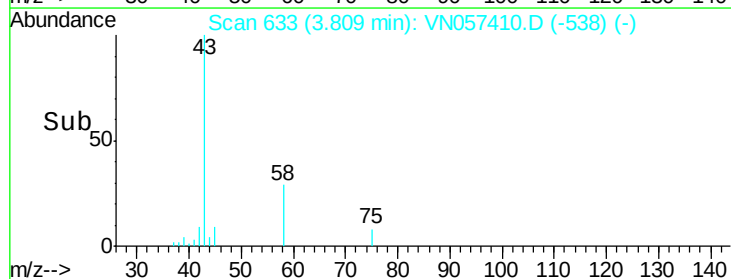
6000

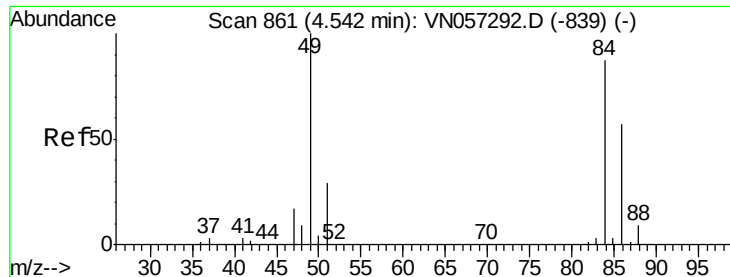
4000

2000

0

Time-->

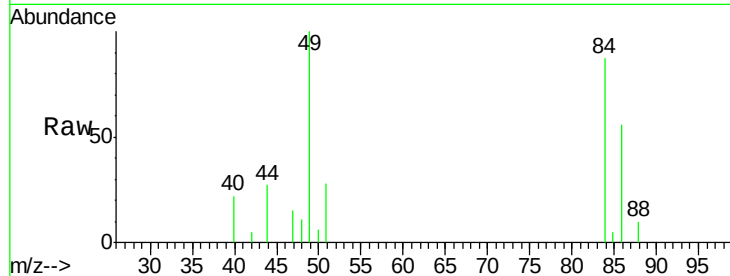




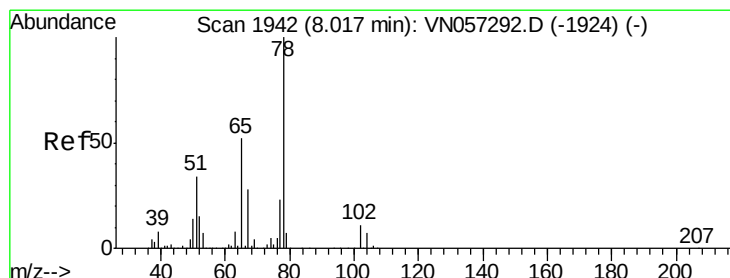
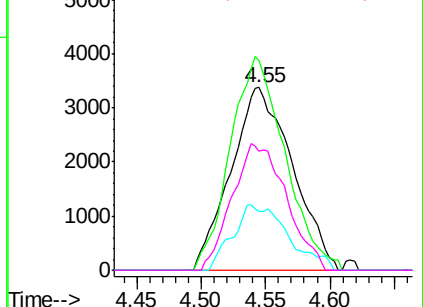
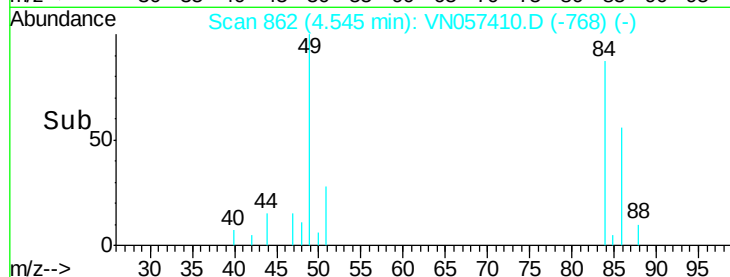
#20
Methvlene Chloride
Concen: 1.076 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN057410.D
Acq: 19 Aug 2019 19:10

Instrument :
MSVOA_N
ClientSampled :
T4-F-(2)

Tot Ion: 84 Resp: 11212
Ion Ratio Lower Upper
84 100
49 114.8 92.0 138.0
51 32.0 27.1 40.7
86 64.8 52.2 78.2

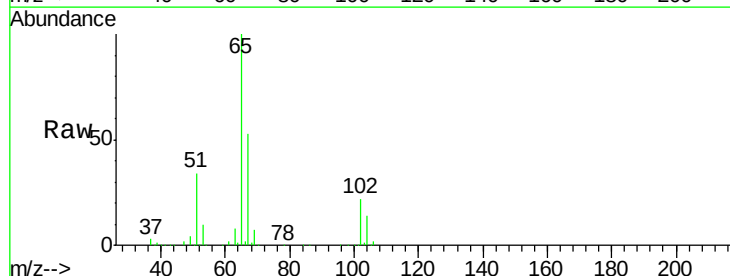


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

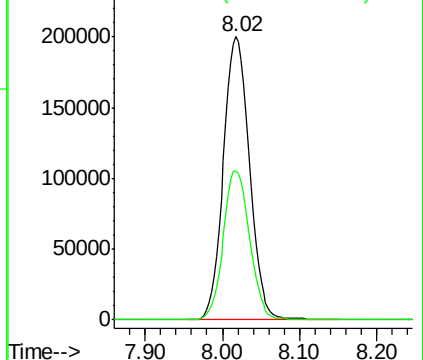
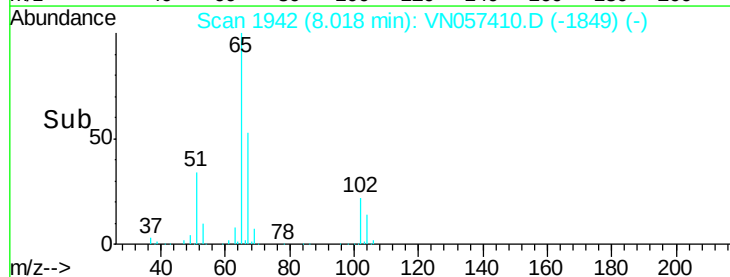


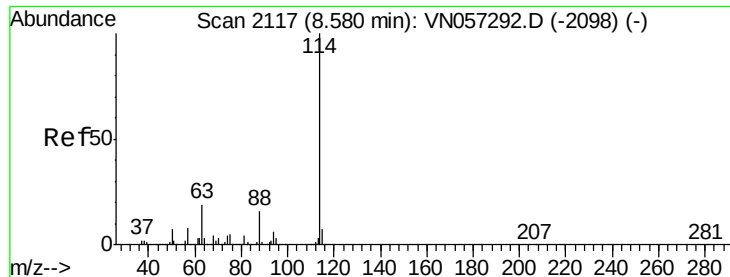
#33
1,2-Dichloroethane-d4
Concen: 43.643 ug/l
RT: 8.02 min Scan# 1942
Delta R.T. 0.00 min
Lab File: VN057410.D
Acq: 19 Aug 2019 19:10

Tgt Ion: 65 Resp: 468519
Ion Ratio Lower Upper
65 100
67 53.3 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

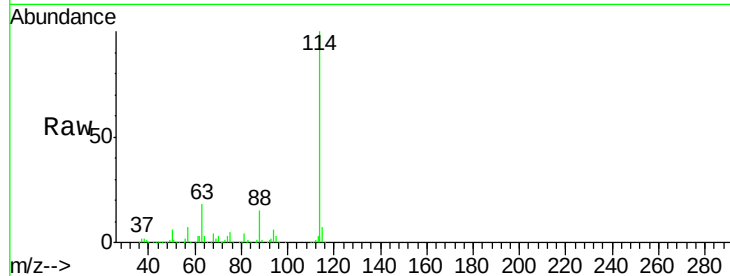




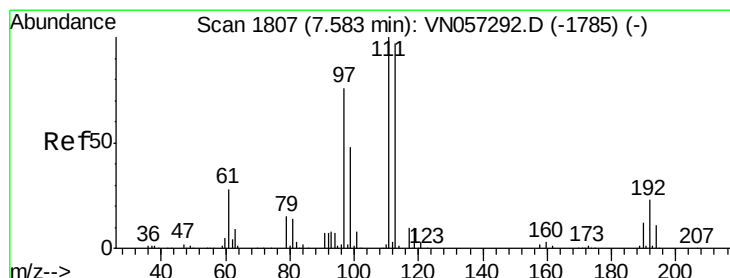
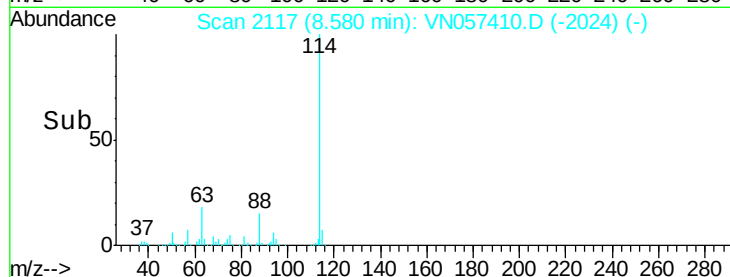
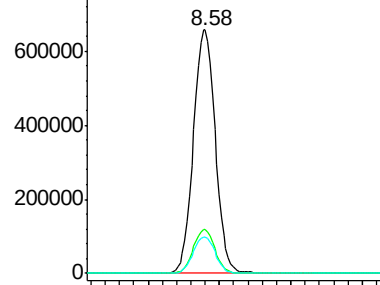
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2117
 Delta R.T. 0.00 min
 Lab File: VN057410.D
 Acq: 19 Aug 2019 19:10

Instrument :
 MSVOA_N
 ClientSampleId :
 T4-F-(2)

Tot Ion:114 Resp: 1399085
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 38.8
 88 15.1 0.0 31.4

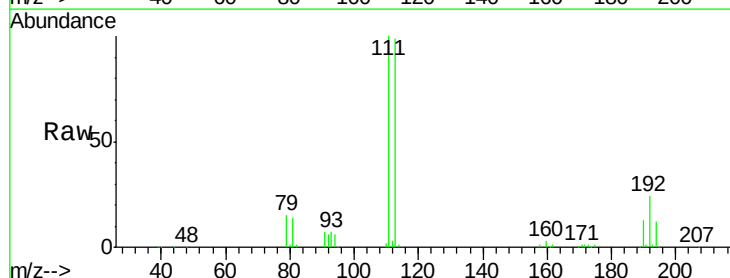


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

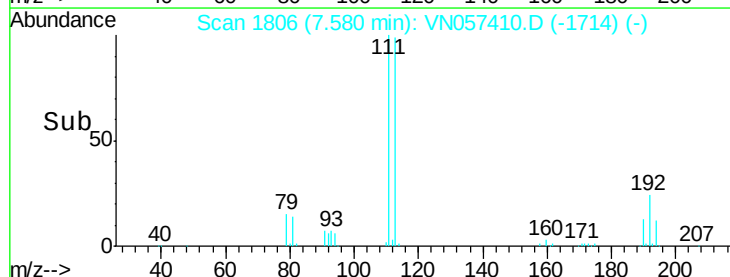
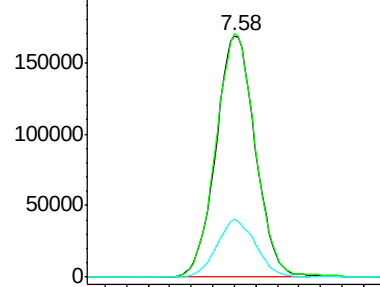


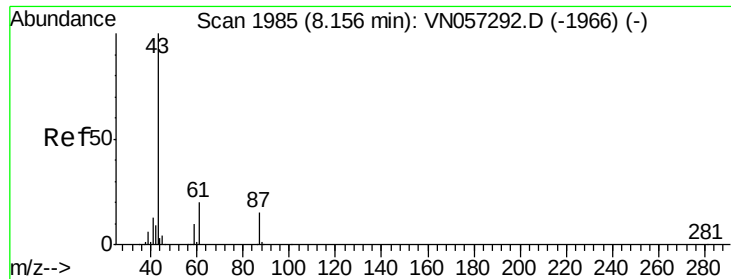
#35
 Dibromofluoromethane
 Concen: 46.572 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057410.D
 Acq: 19 Aug 2019 19:10

Tgt Ion:113 Resp: 427122
 Ion Ratio Lower Upper
 113 100
 111 101.1 82.1 123.1
 192 23.5 19.3 28.9



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: 13.436 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057410.D

Acq: 19 Aug 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

T4-F-(2)

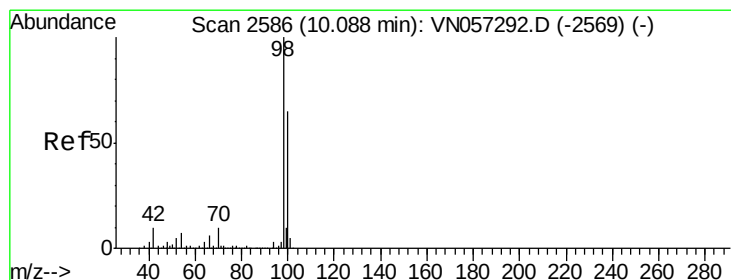
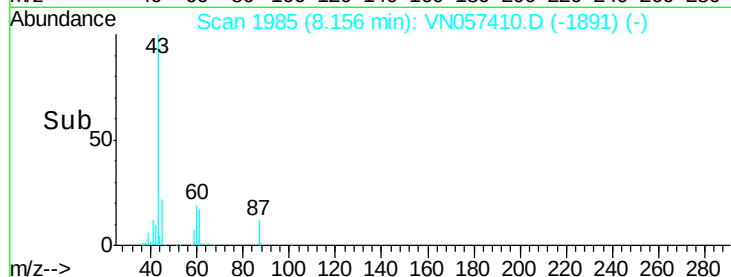
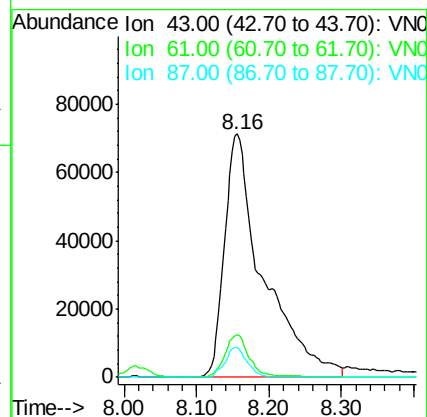
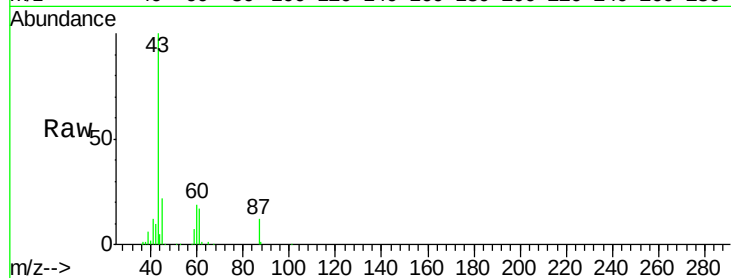
Tot Ion: 43 Resp: 263865

Ion Ratio Lower Upper

43 100

61 10.9 21.6 32.4#

87 7.0 11.4 17.0#



#50

Toluene-d8

Concen: 48.096 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057410.D

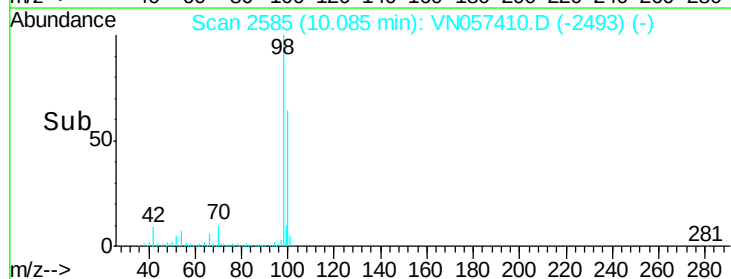
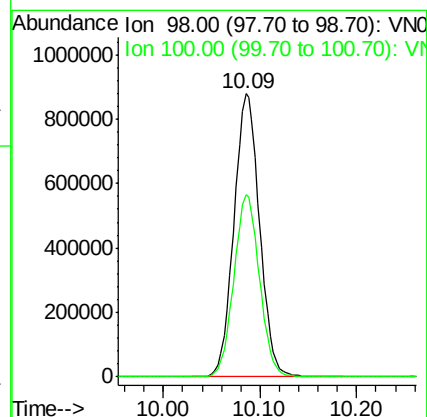
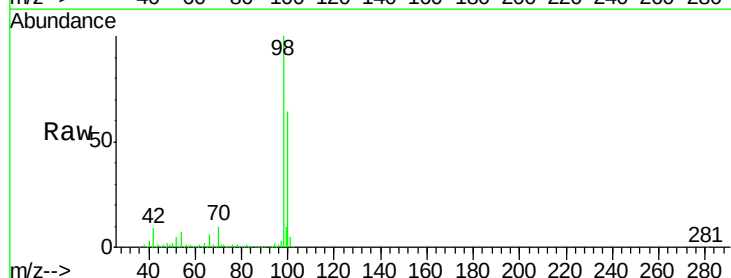
Acq: 19 Aug 2019 19:10

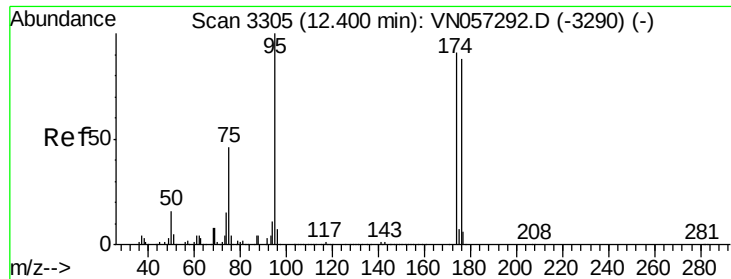
Tgt Ion: 98 Resp: 1613341

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9

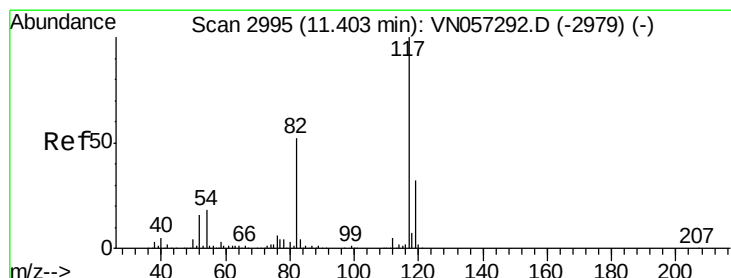
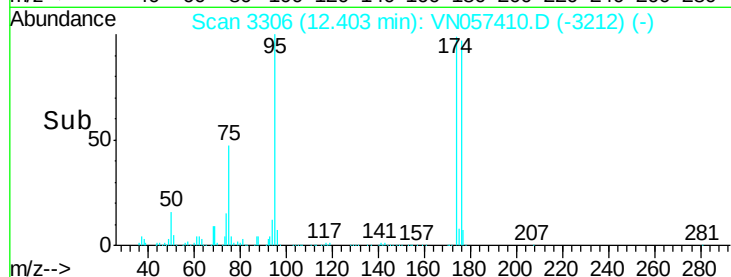
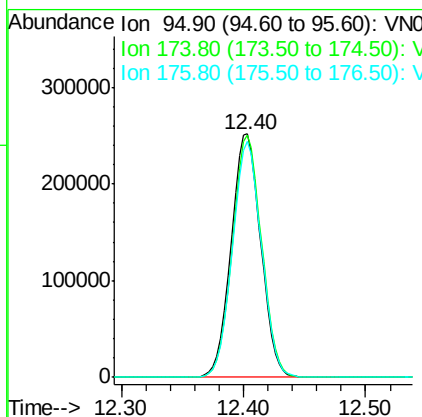
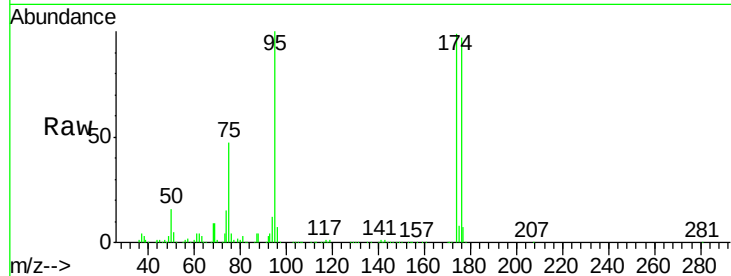




#62
4-Bromofluorobenzene
Concen: 35.760 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057410.D
Acq: 19 Aug 2019 19:10

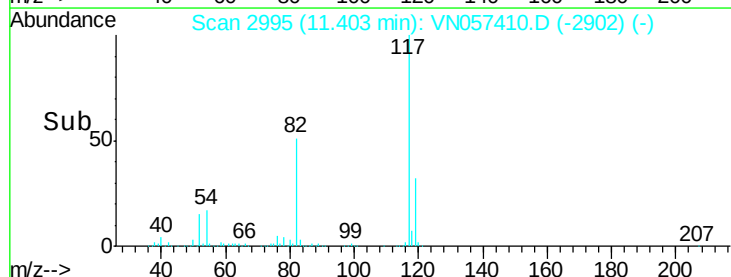
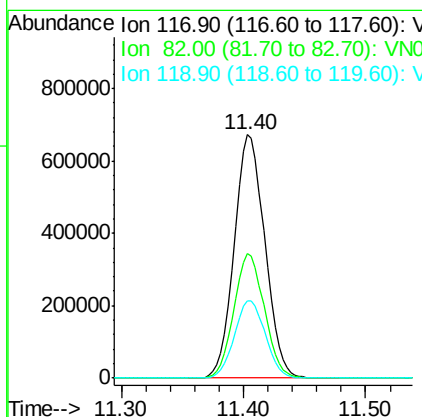
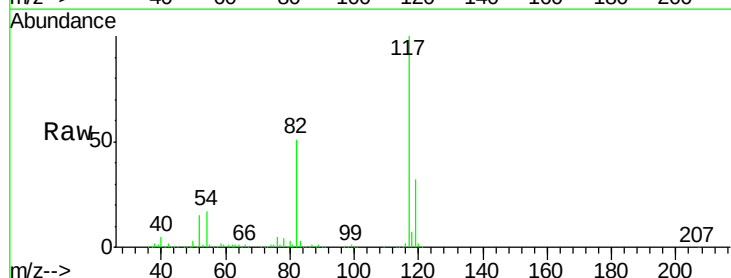
Instrument :
MSVOA_N
ClientSampleId :
T4-F-(2)

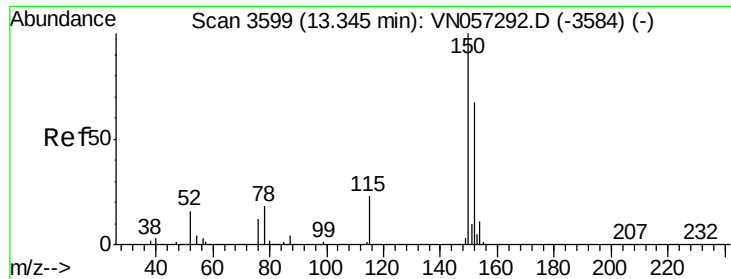
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.2	0.0	185.0
176	94.9	0.0	181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057410.D
Acq: 19 Aug 2019 19:10

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.9	41.2	61.8
119	31.8	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN057410.D

Acq: 19 Aug 2019 19:10

Instrument :

MSVOA_N

ClientSampleId :

T4-F-(2)

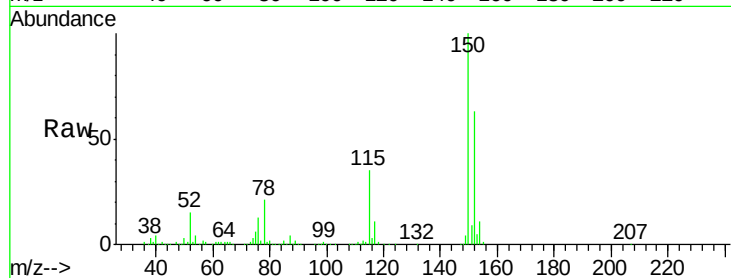
Tot Ion:152 Resp: 312193

Ion Ratio Lower Upper

152 100

115 54.7 27.3 81.9

150 155.1 0.0 344.4



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

