

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100219\
 Data File : VN058485.D
 Acq On : 2 Oct 2019 19:14
 Operator : JC/SP
 Sample : K5148-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-100119

Quant Time: Oct 03 05:49:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

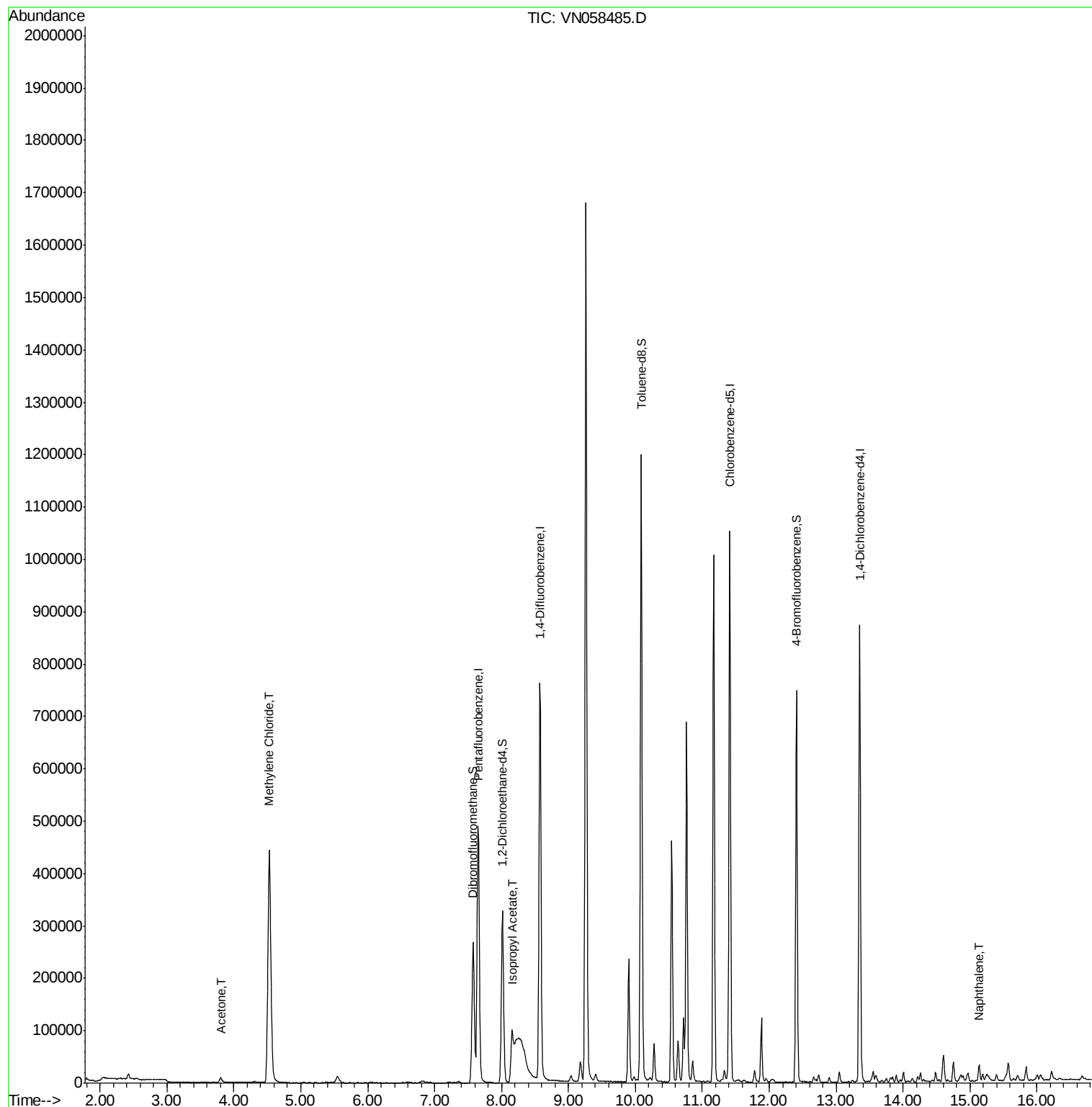
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	383450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	650611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	564536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	212916	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	287309	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.58	113	201595	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.09	98	811786	51.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.94%	
62) 4-Bromofluorobenzene	12.41	95	252803	44.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.52%	
Target Compounds						
16) Acetone	3.80	43	15385	8.054	ug/l #	87
20) Methylene Chloride	4.53	84	325164	73.764	ug/l	99
43) Isopropyl Acetate	8.16	43	137850	13.898	ug/l #	91
95) Naphthalene	15.14	128	22851	2.169	ug/l	97

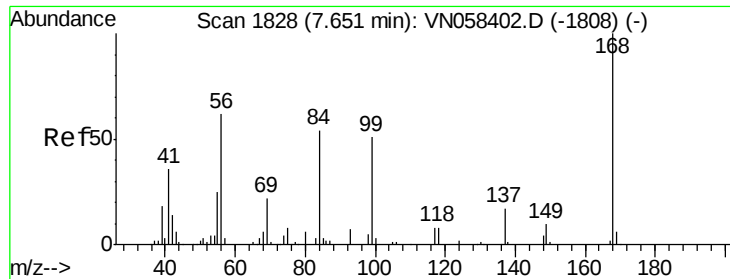
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100219\
Data File : VN058485.D
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Quant Time: Oct 03 05:49:31 2019
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Quant Title : SW846 8260
QLast Update : Mon Sep 30 08:07:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampleId :

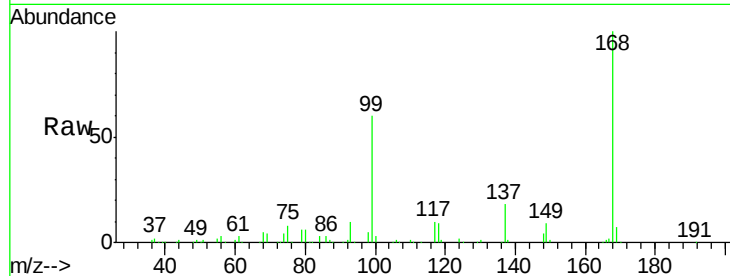
OR-02-100119

Tot Ion:168 Resp: 383450

Ion Ratio Lower Upper

168 100

99 59.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

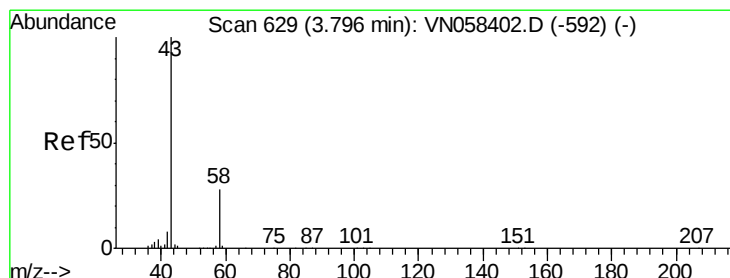
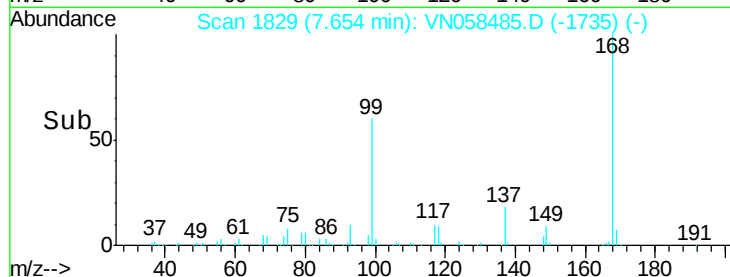
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 8.054 ug/l

RT: 3.80 min Scan# 631

Delta R.T. 0.01 min

Lab File: VN058485.D

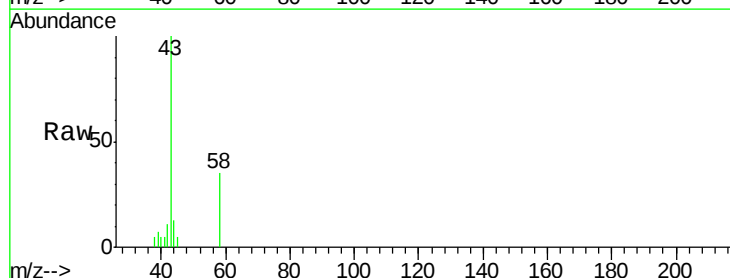
Acq: 2 Oct 2019 19:14

Tgt Ion: 43 Resp: 15385

Ion Ratio Lower Upper

43 100

58 34.7 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

6000

5000

4000

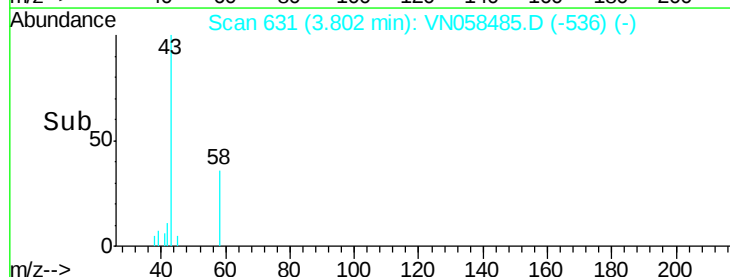
3000

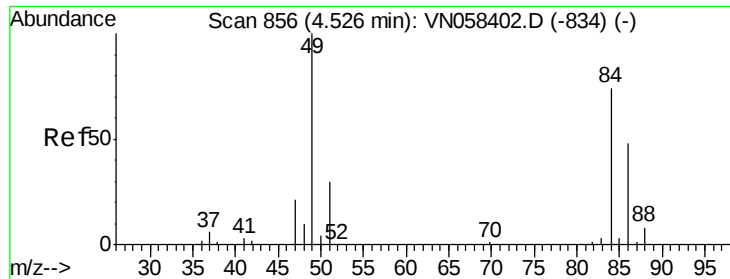
2000

1000

0

Time--> 3.70 3.75 3.80 3.85

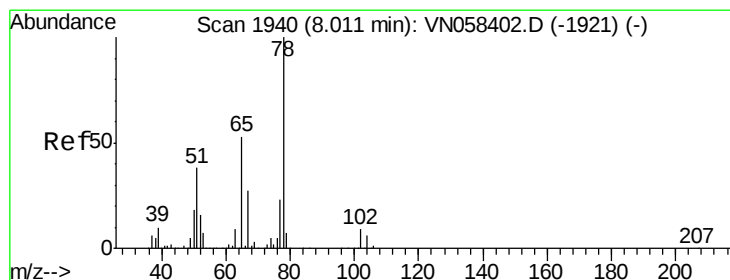
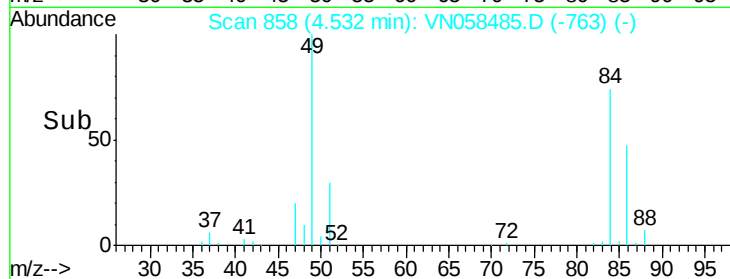
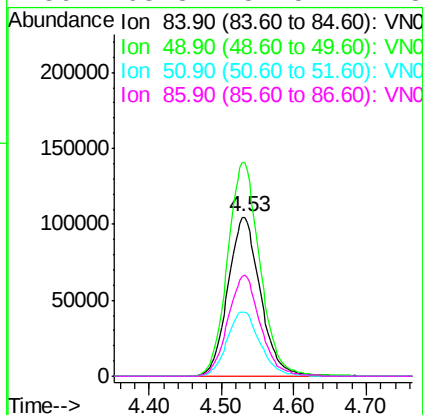
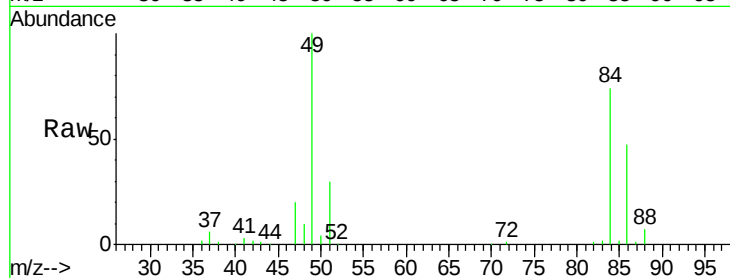




#20
Methvlene Chloride
Concen: 73.764 ug/l
RT: 4.53 min Scan# 858
Delta R.T. 0.01 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

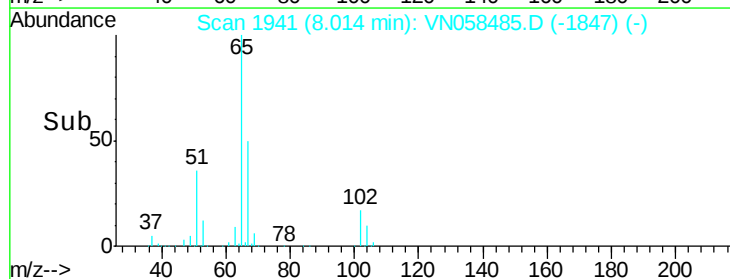
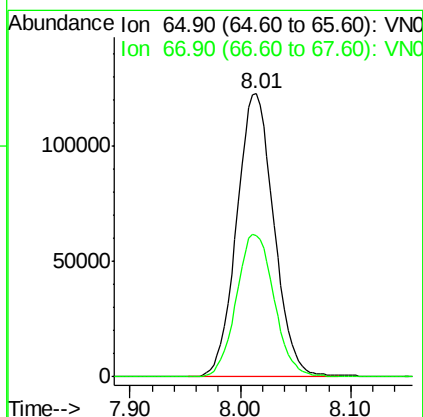
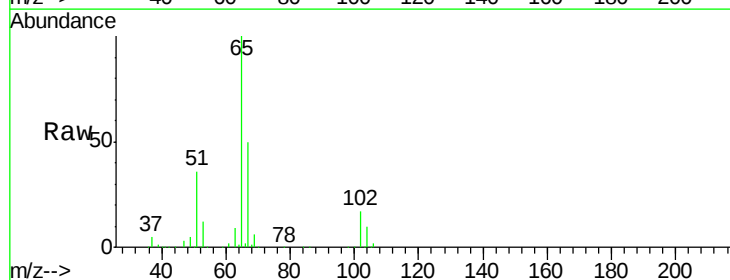
Instrument :
MSVOA_N
ClientSampleId :
OR-02-100119

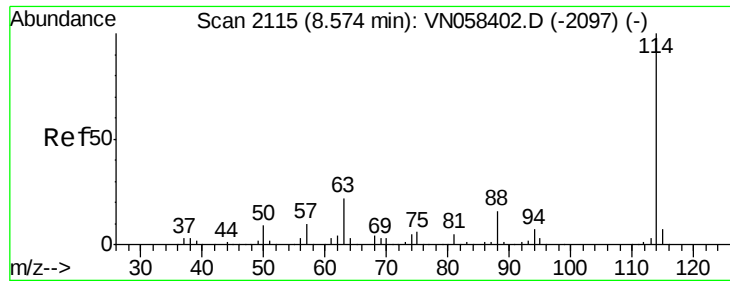
Tot Ion: 84 Resp: 325164
Ion Ratio Lower Upper
84 100
49 134.3 107.9 161.9
51 40.6 32.8 49.2
86 63.3 51.5 77.3



#33
1,2-Dichloroethane-d4
Concen: 51.273 ug/l
RT: 8.01 min Scan# 1941
Delta R.T. 0.00 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Tgt Ion: 65 Resp: 287309
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.4

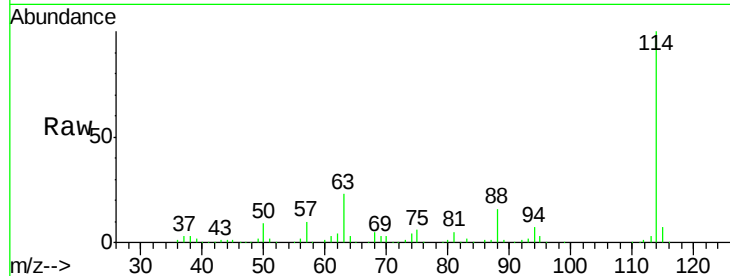




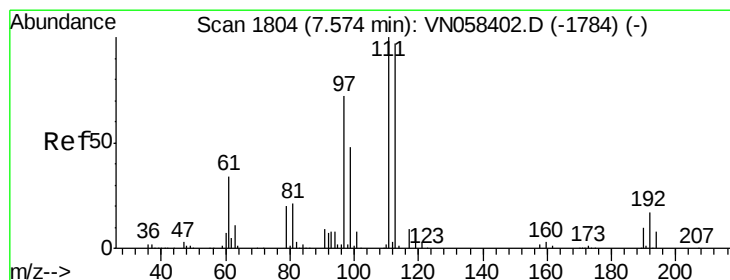
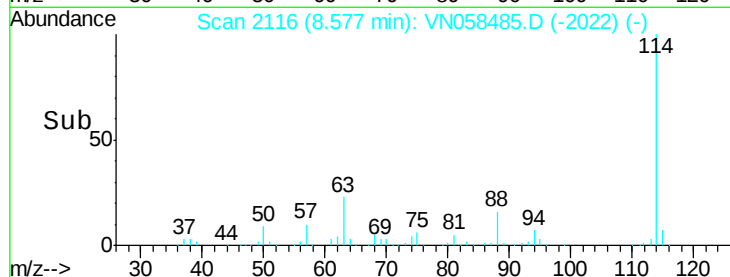
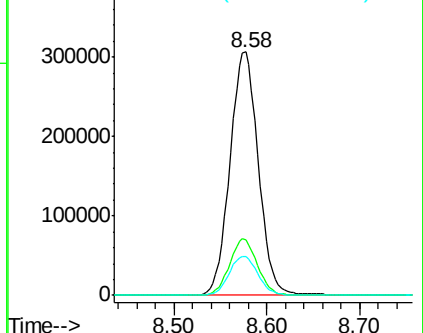
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-02-100119

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.8	0.0	45.0
88	16.0	0.0	32.2

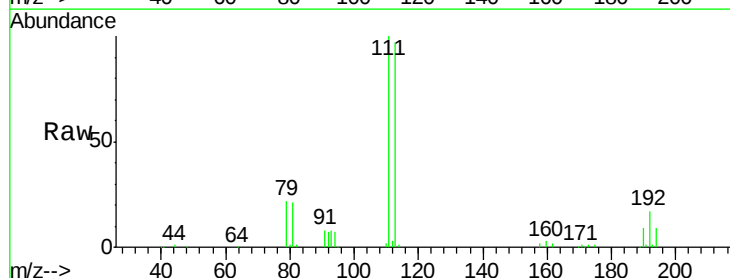


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

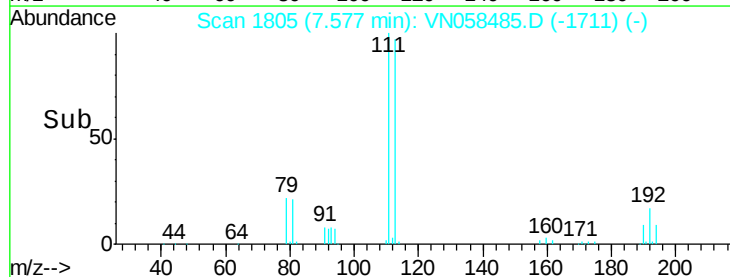
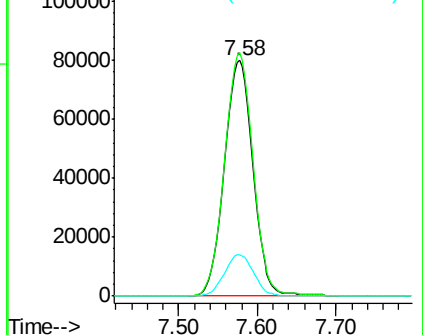


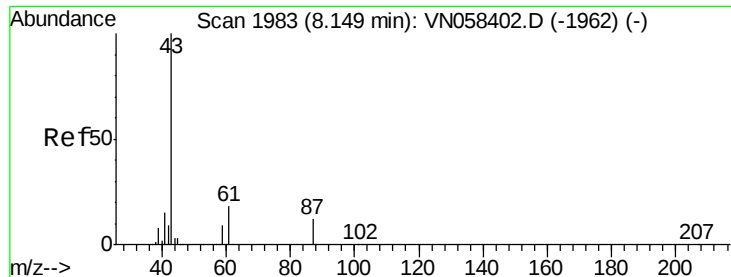
#35
 Dibromofluoromethane
 Concen: 50.556 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN058485.D
 Acq: 2 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.1	83.4	125.2
192	17.9	14.9	22.3



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: 13.898 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.01 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampleId :

OR-02-100119

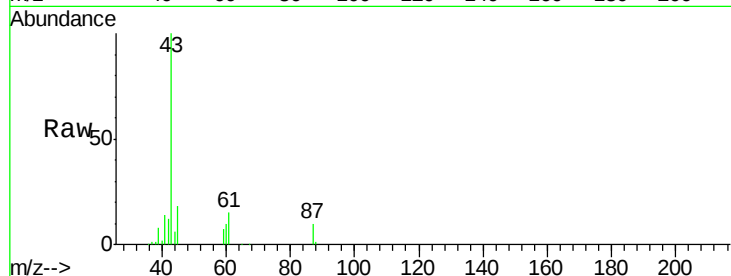
Tot Ion: 43 Resp: 137850

Ion Ratio Lower Upper

43 100

61 14.0 14.8 22.2#

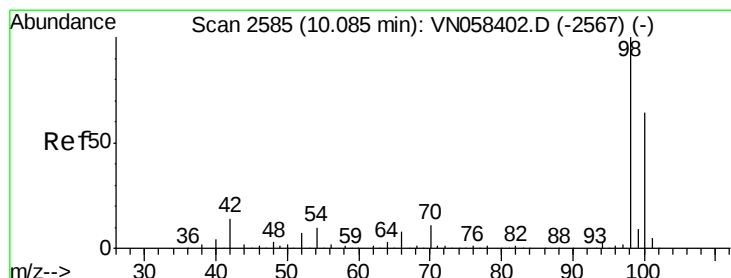
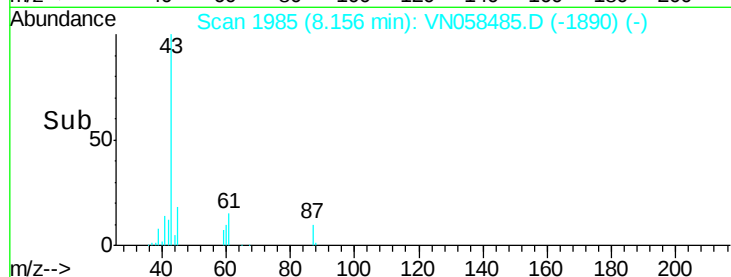
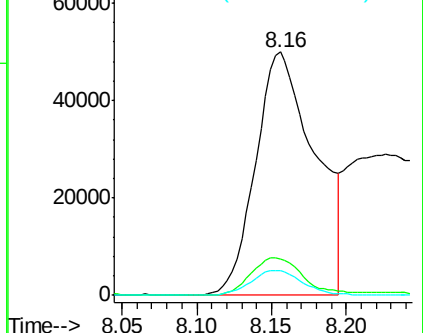
87 8.8 9.7 14.5#



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: 51.968 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN058485.D

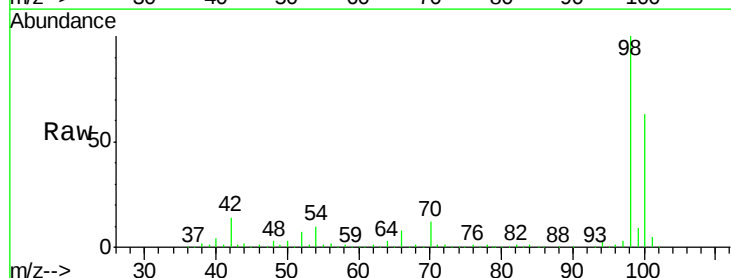
Acq: 2 Oct 2019 19:14

Tgt Ion: 98 Resp: 811786

Ion Ratio Lower Upper

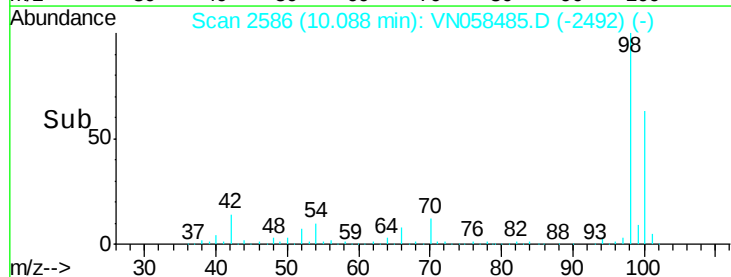
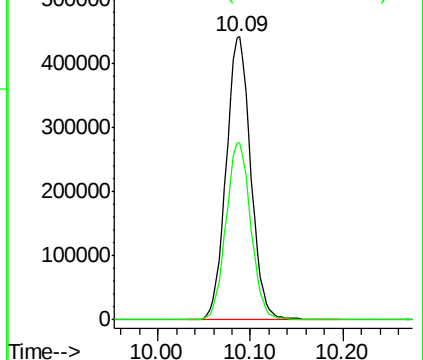
98 100

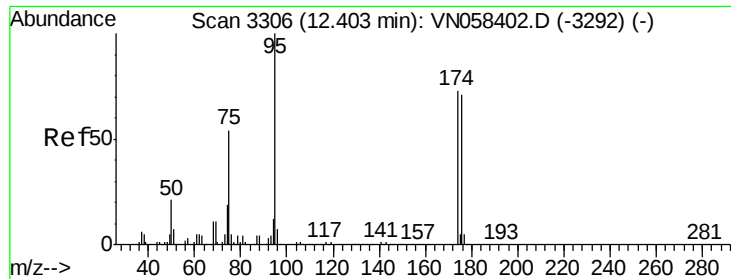
100 63.3 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

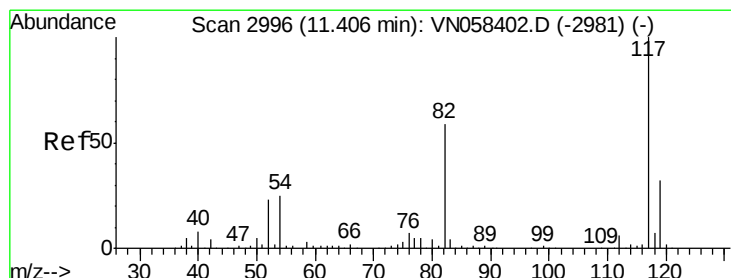
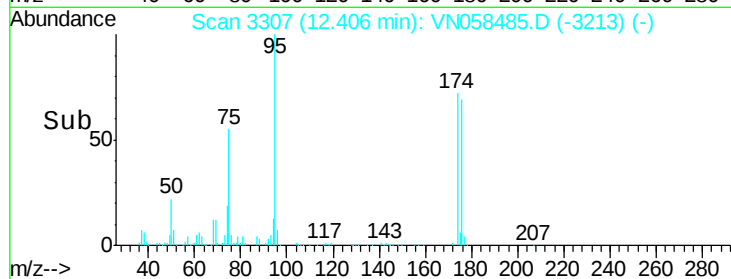
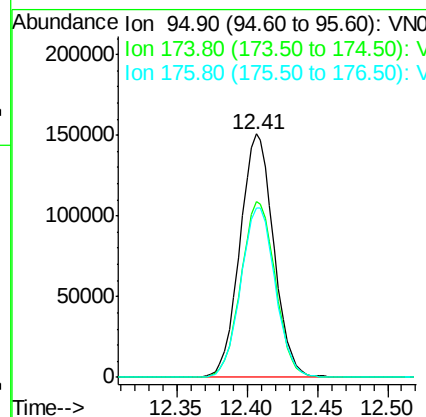
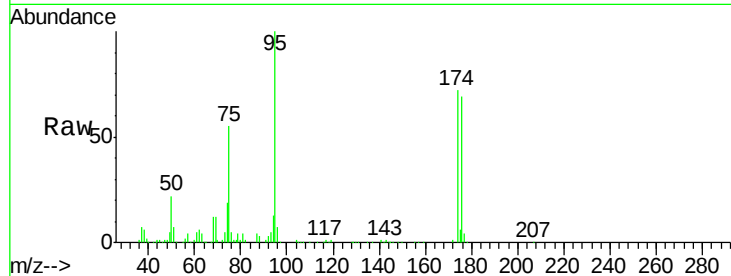




#62
4-Bromofluorobenzene
Concen: 44.758 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

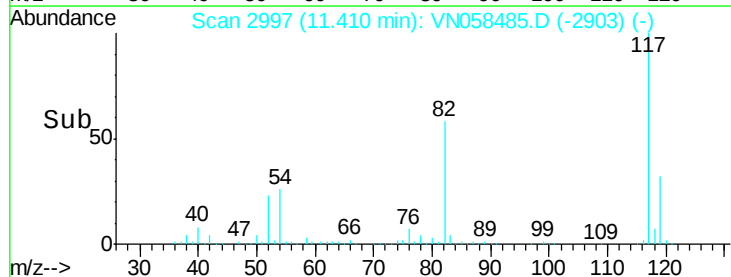
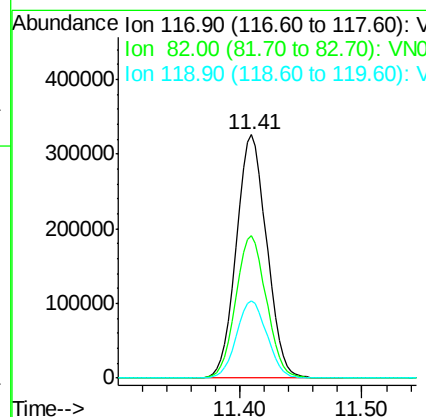
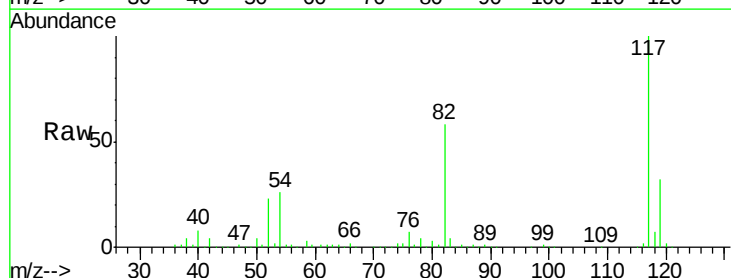
Instrument :
MSVOA_N
ClientSampleId :
OR-02-100119

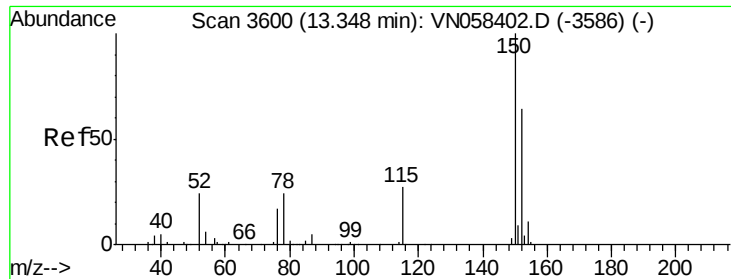
Tot Ion	Ratio	Lower	Upper
95	100		
174	73.6	0.0	150.6
176	71.3	0.0	146.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058485.D
Acq: 2 Oct 2019 19:14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.5	47.4	71.0
119	31.7	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

Instrument :

MSVOA_N

ClientSampled :

OR-02-100119

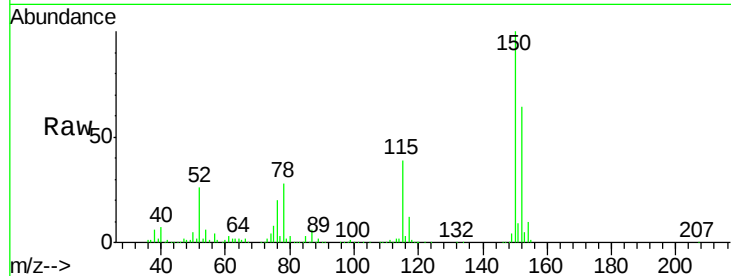
Tot Ion:152 Resp: 212916

Ion Ratio Lower Upper

152 100

115 62.4 30.0 90.0

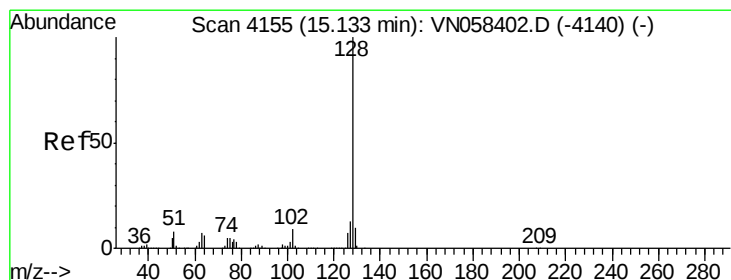
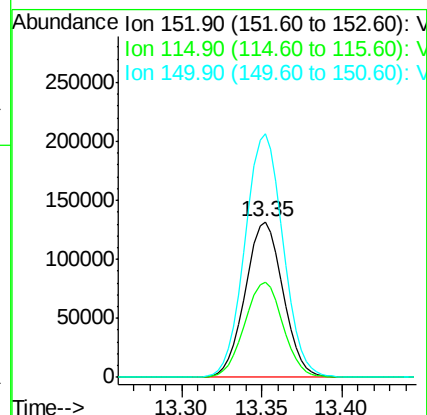
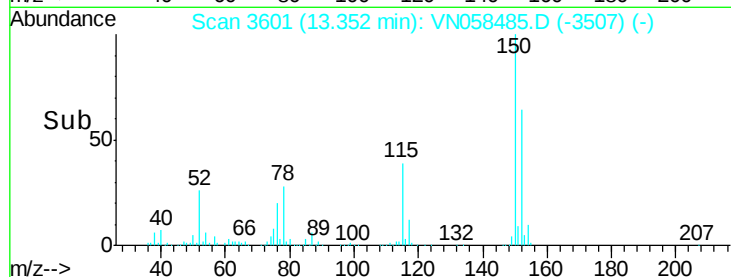
150 157.5 0.0 348.2



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: 2.169 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN058485.D

Acq: 2 Oct 2019 19:14

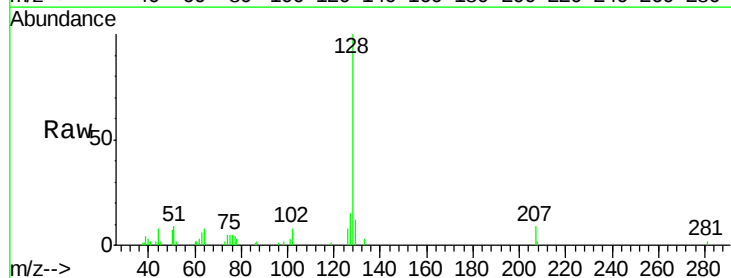
Tgt Ion:128 Resp: 22851

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

129 11.8 8.3 12.5



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

