

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100419\
 Data File : VN058550.D
 Acq On : 4 Oct 2019 18:44
 Operator : JC/SP
 Sample : K5193-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20190882-COMPOSITE-N

Quant Time: Oct 05 04:39:13 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

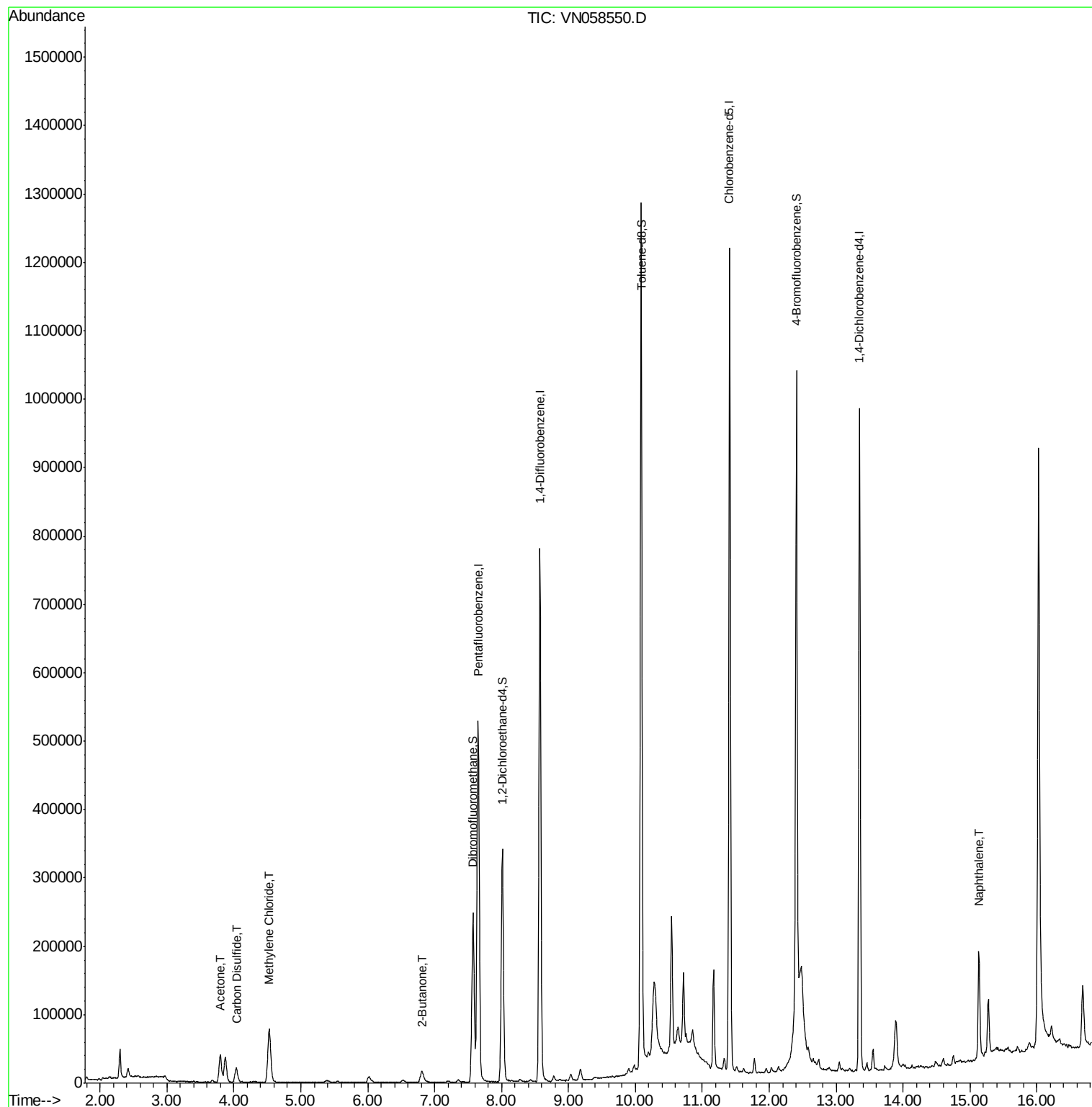
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	415216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	674363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	661741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	295099	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
35) Dibromofluoromethane	7.57	113	187127	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
50) Toluene-d8	10.08	98	853465	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.41	95	311583	53.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.44%	
Target Compounds						
16) Acetone	3.80	43	69916	33.802	ug/l	98
17) Carbon Disulfide	4.03	76	23781	2.303	ug/l	98
20) Methylene Chloride	4.53	84	57480	12.042	ug/l	95
25) 2-Butanone	6.82	43	16594	5.843	ug/l	97
95) Naphthalene	15.13	128	114661	9.734	ug/l	100

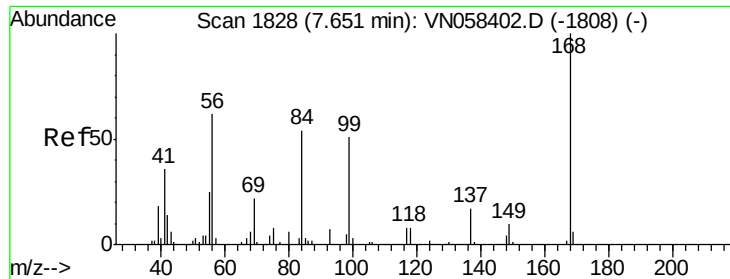
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100419\
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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# 1828

Delta R.T. -0.00 min

Lab File: VN058550.D

Acq: 4 Oct 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

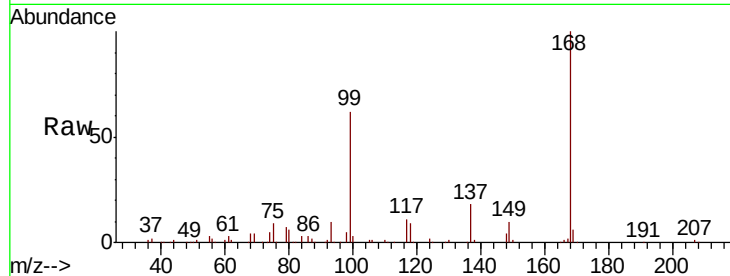
20190882-COMPOSITE-N

Tot Ion:168 Resp: 415216

Ion Ratio Lower Upper

168 100

99 62.2 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

200000

150000

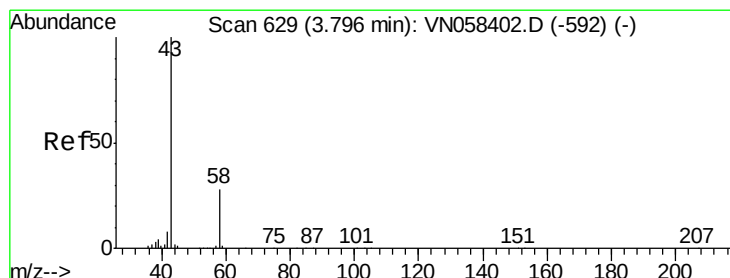
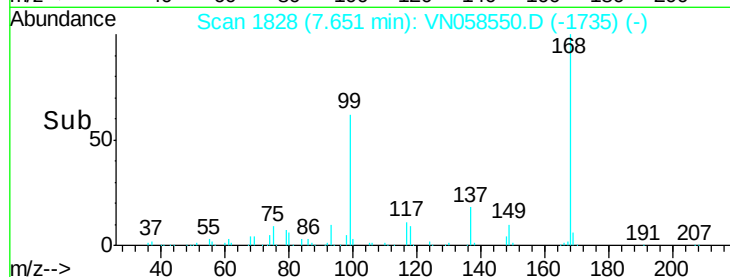
100000

50000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 33.802 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058550.D

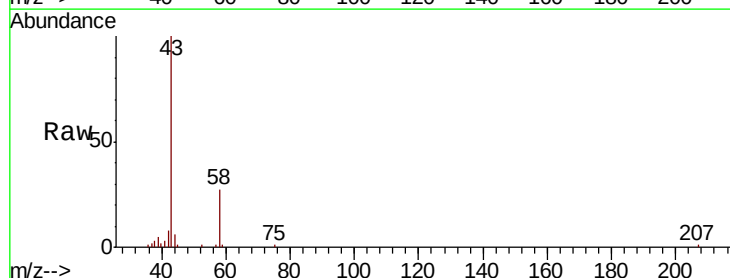
Acq: 4 Oct 2019 18:44

Tgt Ion: 43 Resp: 69916

Ion Ratio Lower Upper

43 100

58 27.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

30000

25000

20000

15000

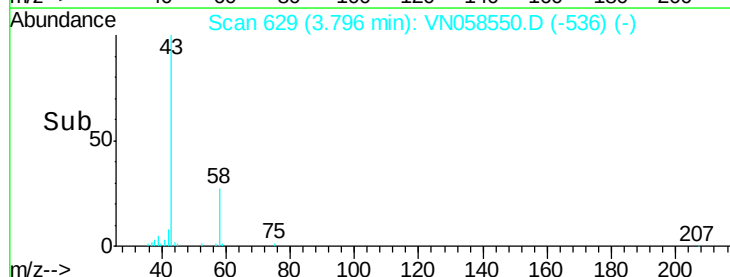
10000

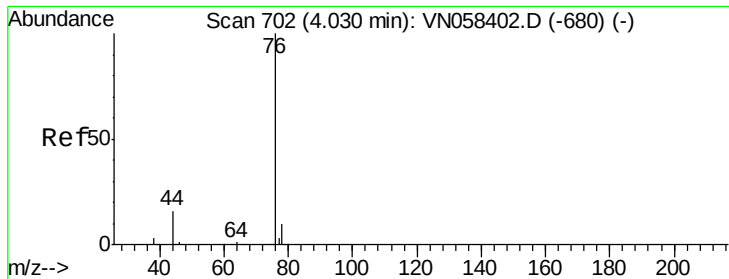
5000

0

3.70 3.80 3.90

Time-->





#17

Carbon Disulfide

Concen: 2.303 ug/l

RT: 4.03 min Scan# 702

Delta R.T. -0.00 min

Lab File: VN058550.D

Acq: 4 Oct 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

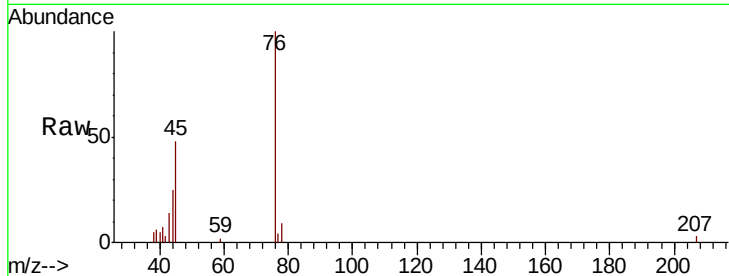
20190882-COMPOSITE-N

Tot Ion: 76 Resp: 23781

Ion Ratio Lower Upper

76 100

78 8.9 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VNC

Ion 77.90 (77.60 to 78.60): VNC

4.03

10000

8000

6000

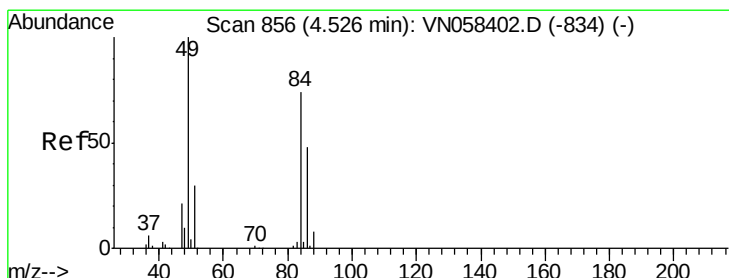
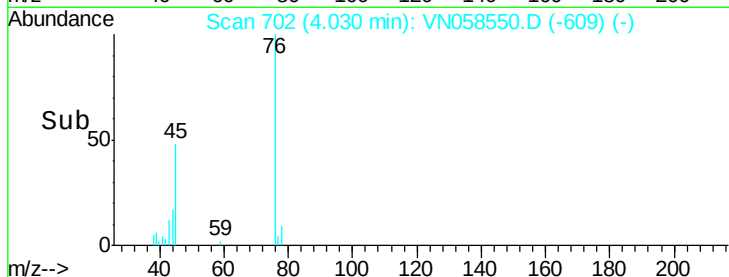
4000

2000

0

Time-->

3.95 4.00 4.05 4.10



#20

Methylene Chloride

Concen: 12.042 ug/l

RT: 4.53 min Scan# 856

Delta R.T. -0.00 min

Lab File: VN058550.D

Acq: 4 Oct 2019 18:44

Tgt Ion: 84 Resp: 57480

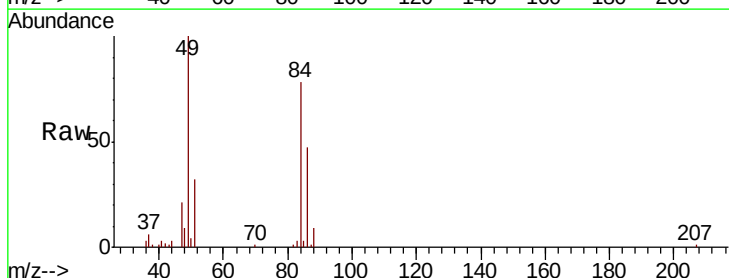
Ion Ratio Lower Upper

84 100

49 128.4 107.9 161.9

51 41.0 32.8 49.2

86 59.8 51.5 77.3



Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

Ion 85.90 (85.60 to 86.60): VNC

30000

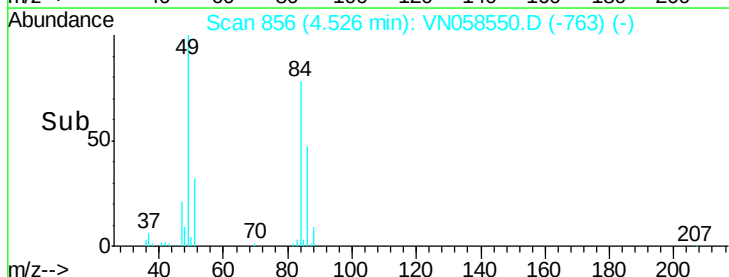
20000

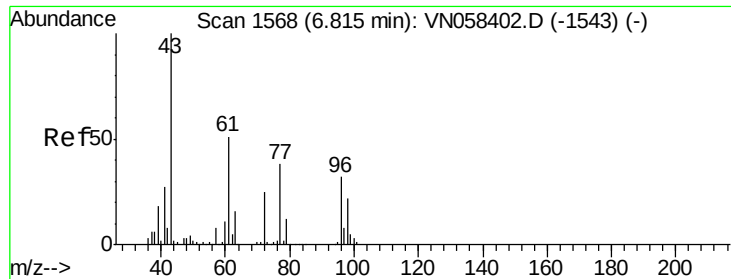
10000

0

Time-->

4.40 4.50 4.60 4.70





#25

2-Butanone

Concen: 5.843 ug/l

RT: 6.82 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN058550.D

Acq: 4 Oct 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

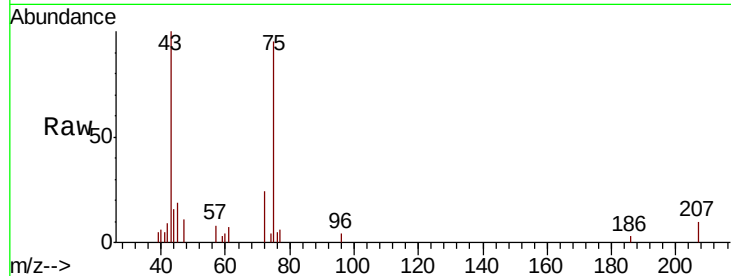
20190882-COMPOSITE-N

Tot Ion: 43 Resp: 16594

Ion Ratio Lower Upper

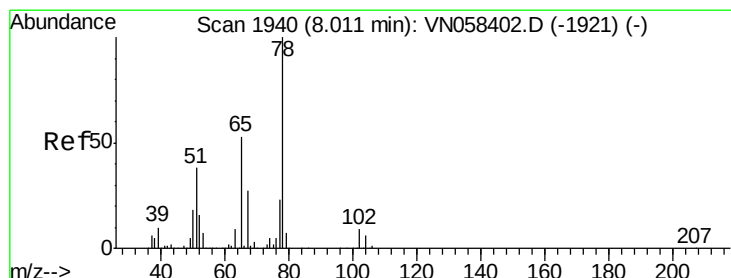
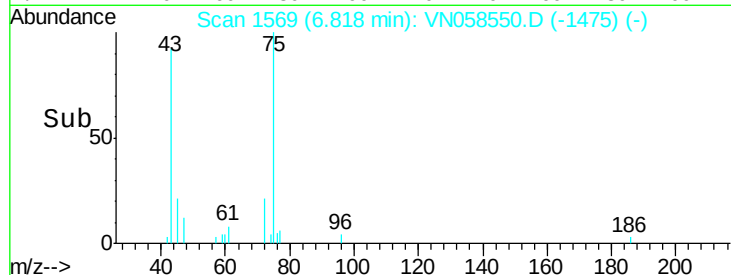
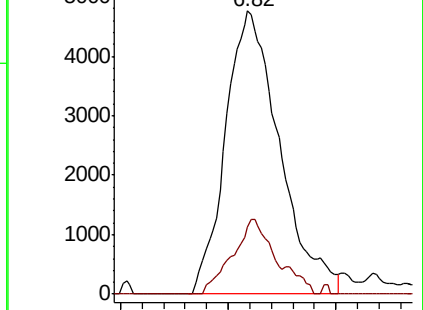
43 100

72 23.7 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN058402.D (-1543) (-)

Ion 72.00 (71.70 to 72.70): VN058402.D (-1543) (-)



#33

1,2-Dichloroethane-d4

Concen: 48.634 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058550.D

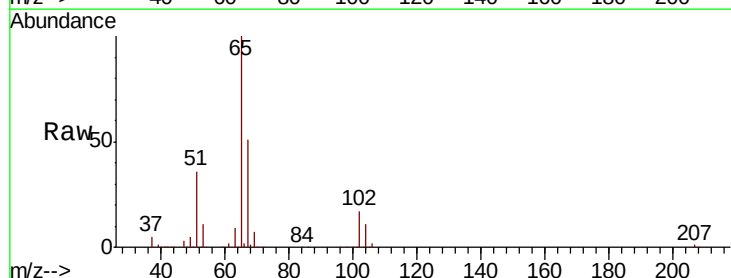
Acq: 4 Oct 2019 18:44

Tgt Ion: 65 Resp: 295099

Ion Ratio Lower Upper

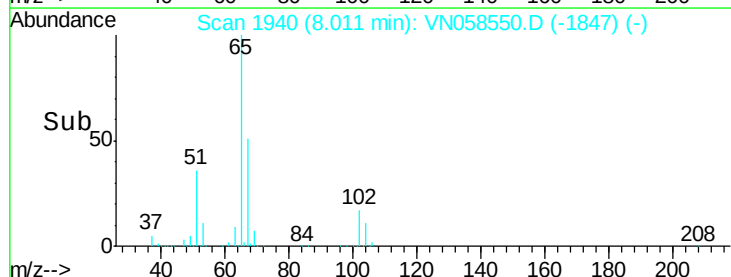
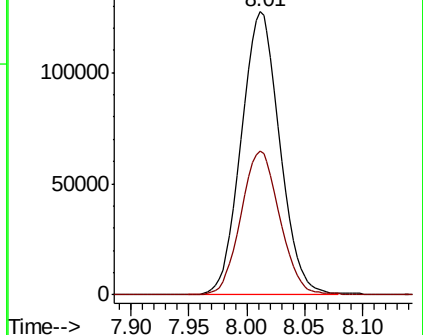
65 100

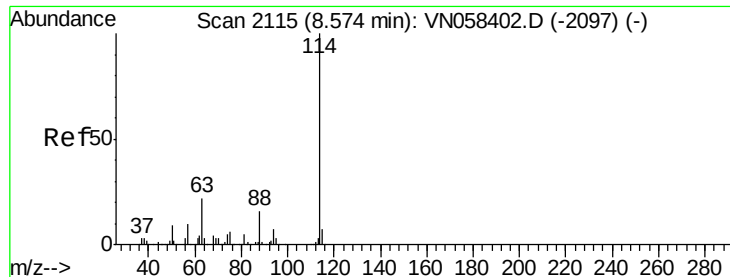
67 51.3 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)

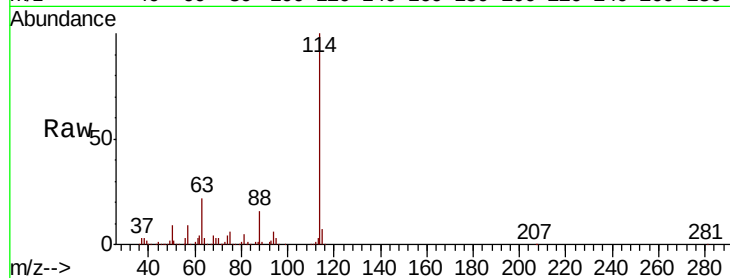




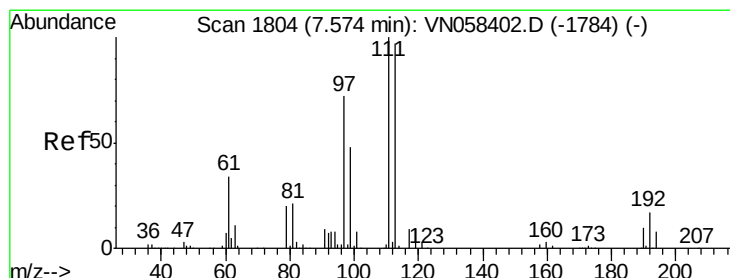
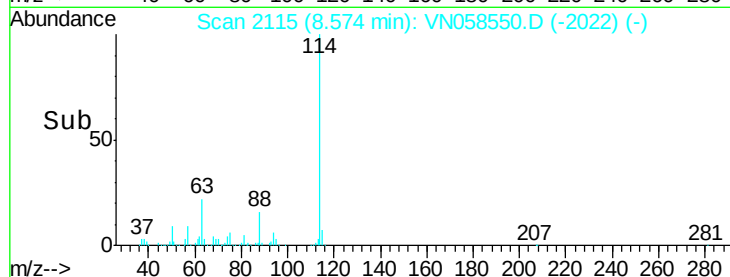
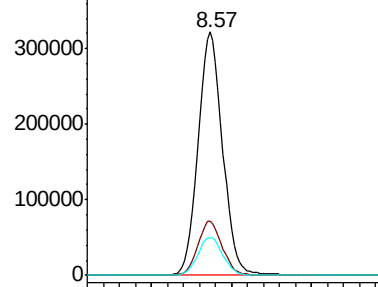
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN058550.D
 Acq: 4 Oct 2019 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 20190882-COMPOSITE-N

Tot Ion:114 Resp: 674363
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.0
 88 15.6 0.0 32.2

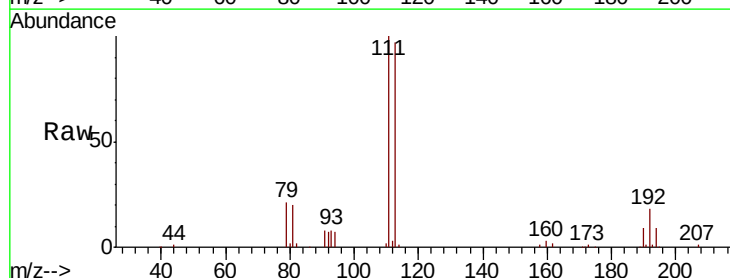


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

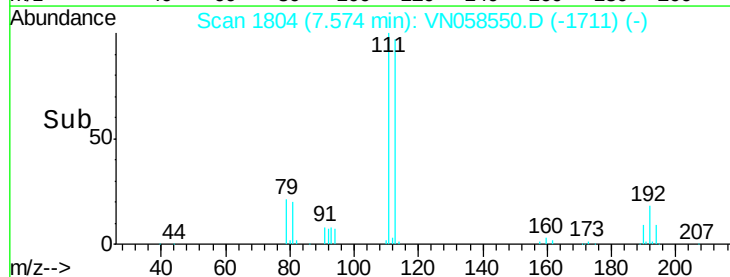
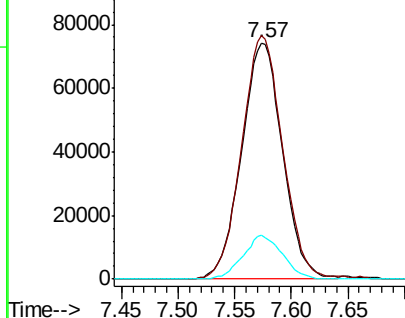


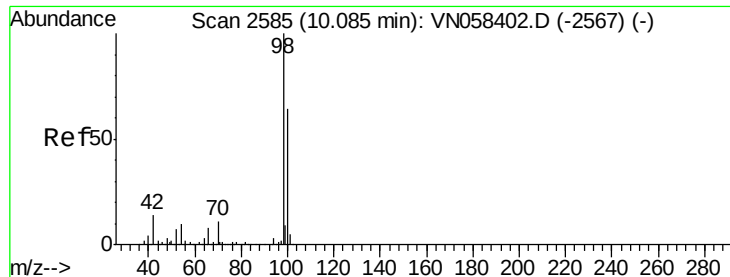
#35
 Dibromofluoromethane
 Concen: 45.275 ug/l
 RT: 7.57 min Scan# 1804
 Delta R.T. -0.00 min
 Lab File: VN058550.D
 Acq: 4 Oct 2019 18:44

Tgt Ion:113 Resp: 187127
 Ion Ratio Lower Upper
 113 100
 111 102.7 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





#50

Toluene-d8

Concen: 52.712 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058550.D

Acq: 4 Oct 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

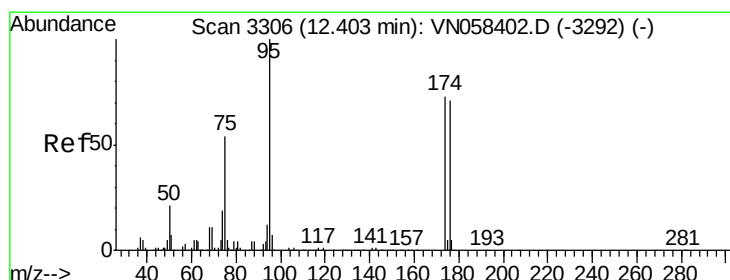
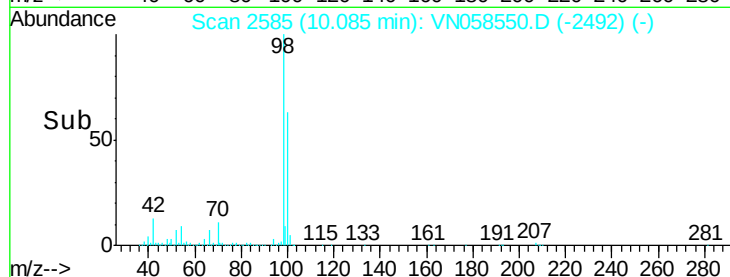
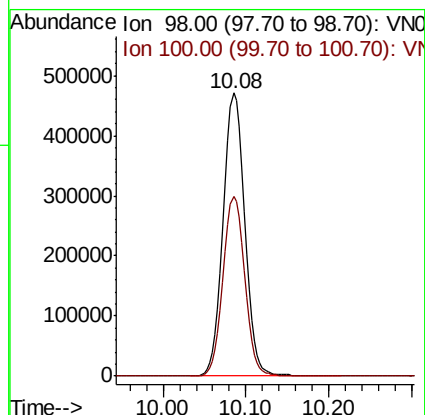
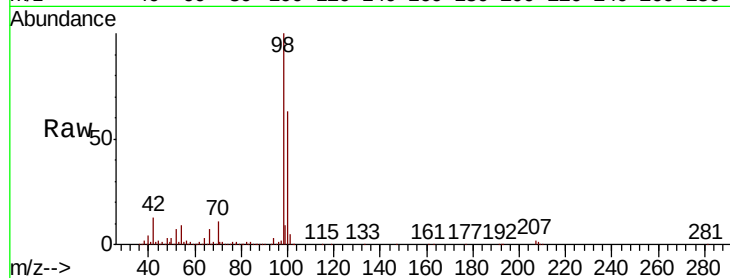
20190882-COMPOSITE-N

Tot Ion: 98 Resp: 853465

Ion Ratio Lower Upper

98 100

100 63.8 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 53.222 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058550.D

Acq: 4 Oct 2019 18:44

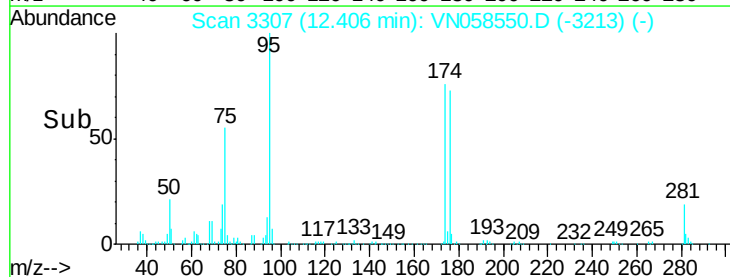
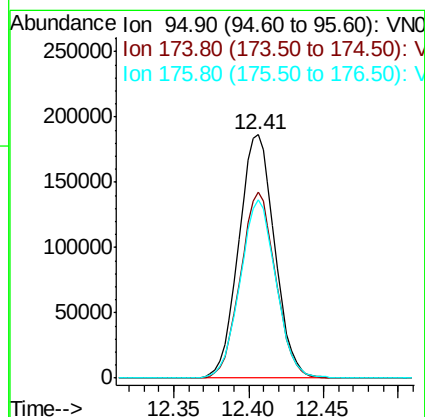
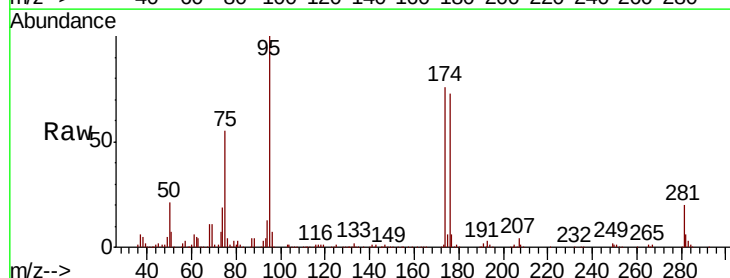
Tgt Ion: 95 Resp: 311583

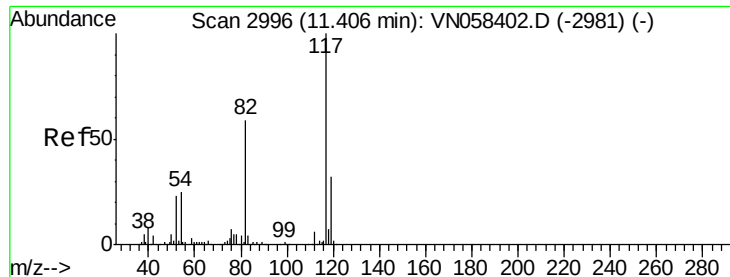
Ion Ratio Lower Upper

95 100

174 74.8 0.0 150.6

176 72.8 0.0 146.2

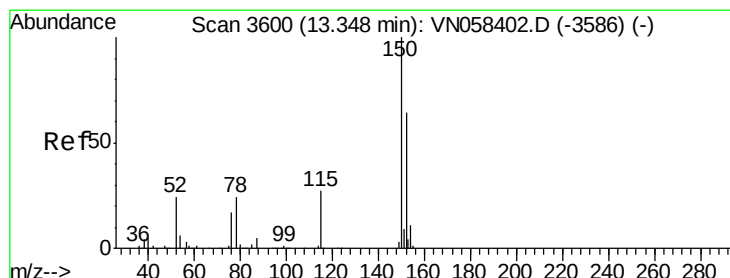
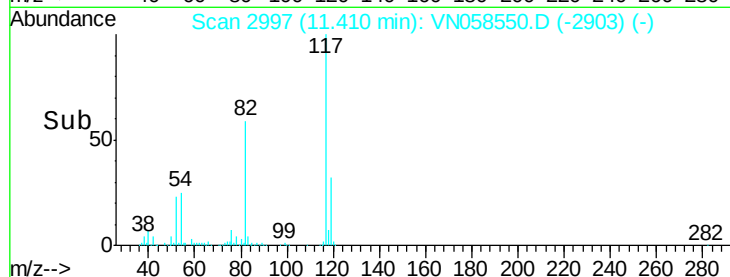
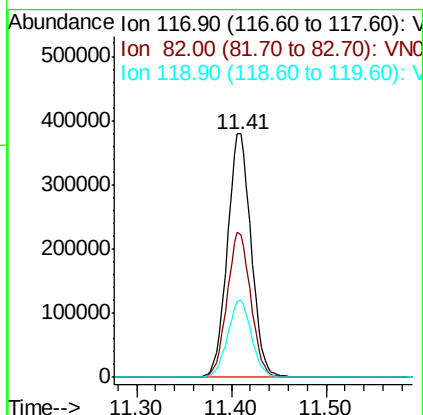
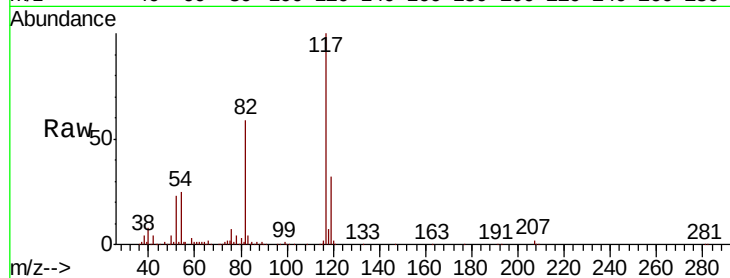




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN058550.D
Acq: 4 Oct 2019 18:44

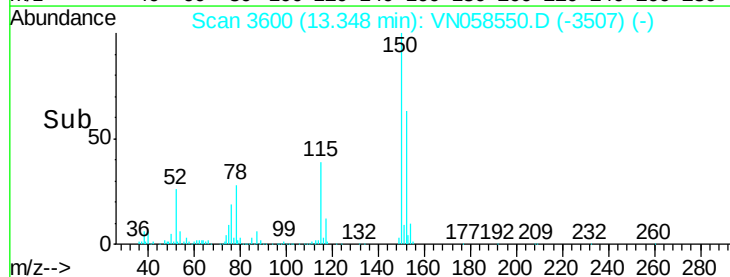
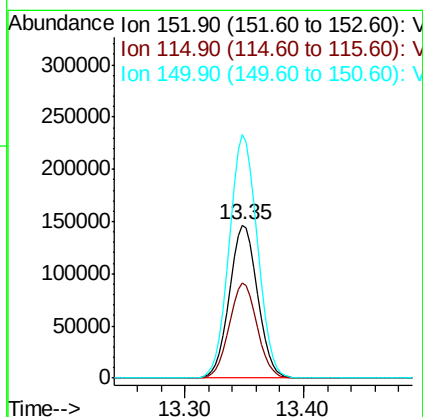
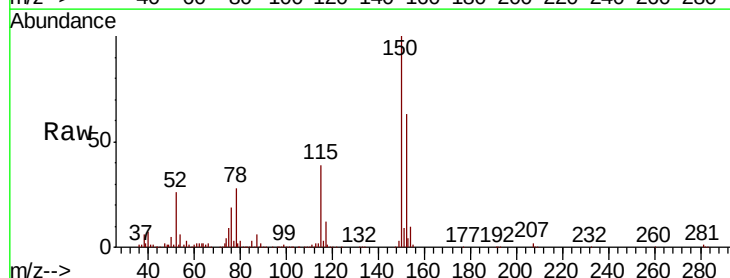
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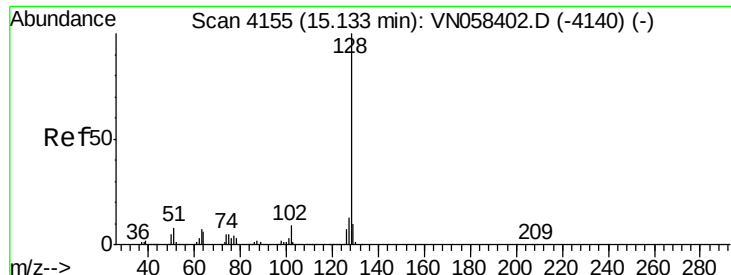
Tot Ion:117 Resp: 661741
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.0
119 31.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN058550.D
Acq: 4 Oct 2019 18:44

Tgt Ion:152 Resp: 240520
Ion Ratio Lower Upper
152 100
115 61.8 30.0 90.0
150 159.0 0.0 348.2





#95

Naphthalene

Concen: 9.734 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN058550.D

Acq: 4 Oct 2019 18:44

Instrument :

MSVOA_N

ClientSampleId :

20190882-COMPOSITE-N

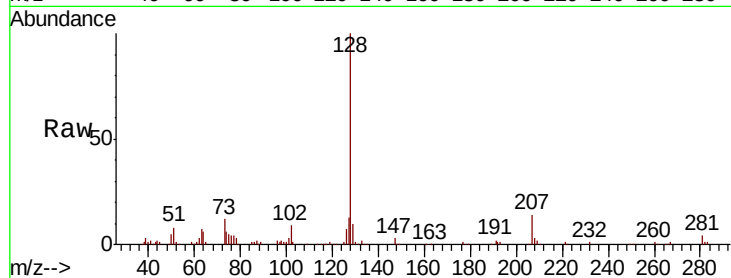
Tot Ion:128 Resp: 114661

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.1 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

