

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049739.D
 Acq On : 6 Jul 2018 15:20
 Operator : MD\SY
 Sample : J3877-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NS-DRUM-2-STONE

Quant Time: Jul 06 17:09:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1282983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2089618	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1734474	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	618176	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	893549	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery =	105.48%		
35) Dibromofluoromethane	7.59	113	695540	44.52	ug/l	0.00
Spiked Amount 50.000			Recovery =	89.04%		
50) Toluene-d8	10.09	98	2801215	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery =	91.62%		
62) 4-Bromofluorobenzene	12.40	95	798080	38.23	ug/l	0.00
Spiked Amount 50.000			Recovery =	76.46%		

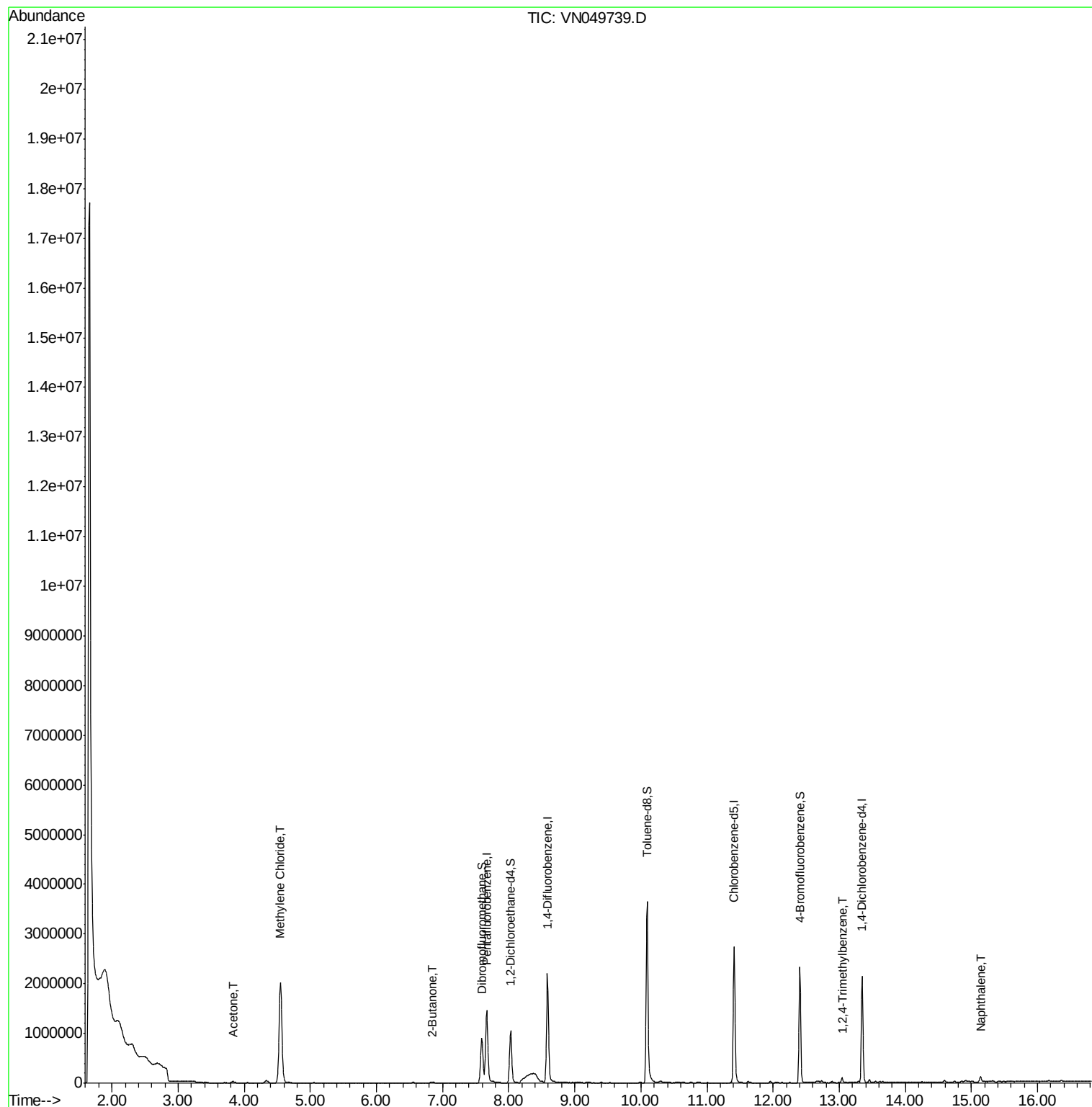
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	46056	5.728	ug/l	93
20) Methylene Chloride	4.55	84	1545009	88.555	ug/l	99
25) 2-Butanone	6.85	43	19116	3.399	ug/l	92
84) 1,2,4-Trimethylbenzene	13.04	105	54024	1.285	ug/l	97
95) Naphthalene	15.14	128	95774	7.547	ug/l	99

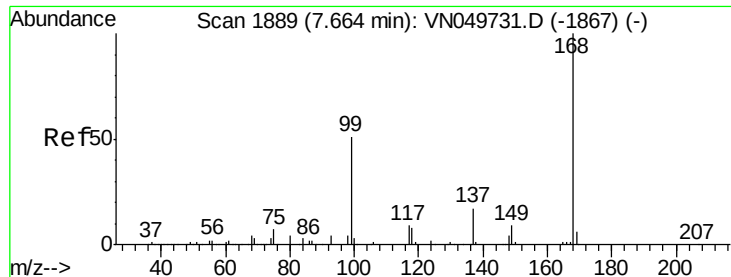
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049739.D

Acq: 6 Jul 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

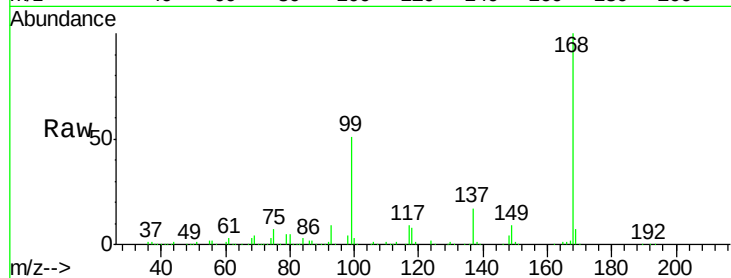
NS-DRUM-2-STONE

Tot Ion:168 Resp: 1282983

Ion Ratio Lower Upper

168 100

99 51.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

600000

500000

400000

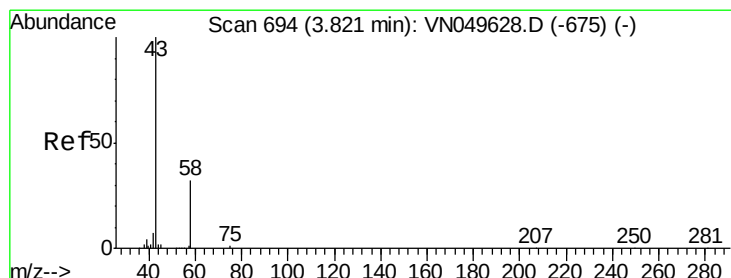
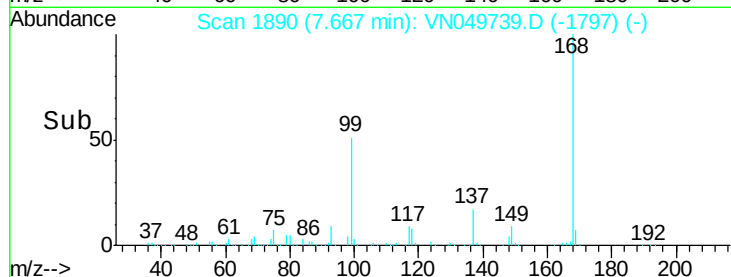
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.728 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049739.D

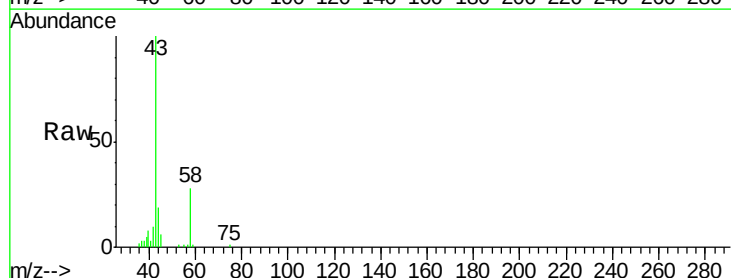
Acq: 6 Jul 2018 15:20

Tgt Ion: 43 Resp: 46056

Ion Ratio Lower Upper

43 100

58 28.5 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

20000

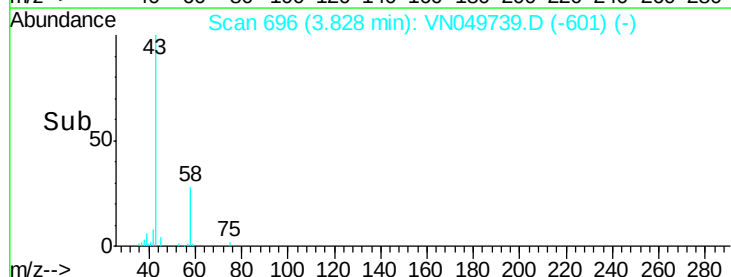
15000

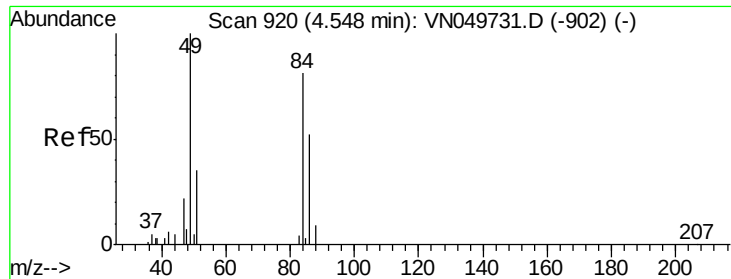
10000

5000

0

Time-->



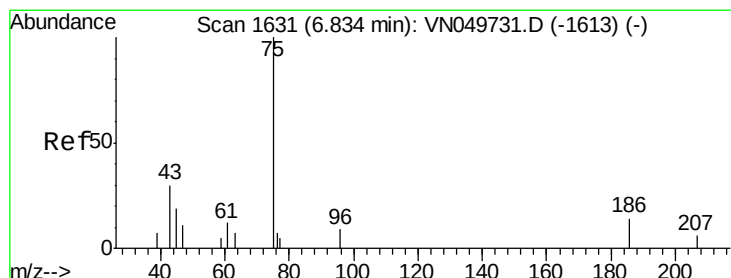
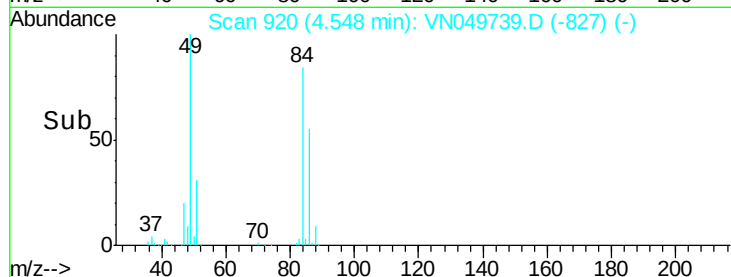
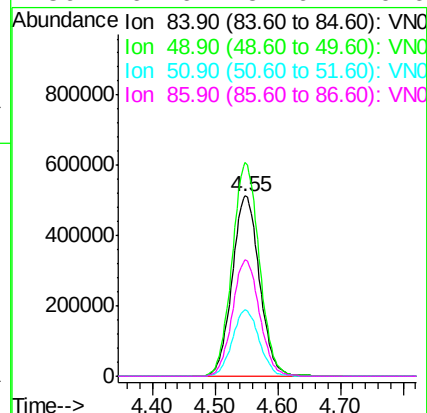
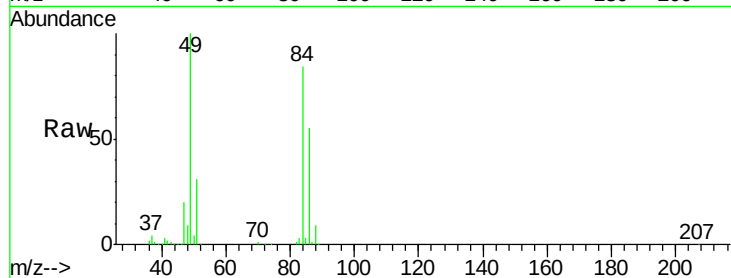


#20
Methvlene Chloride
Concen: 88.555 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049739.D
Acq: 6 Jul 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
NS-DRUM-2-STONE

Tot Ion: 84 Resp: 1545009

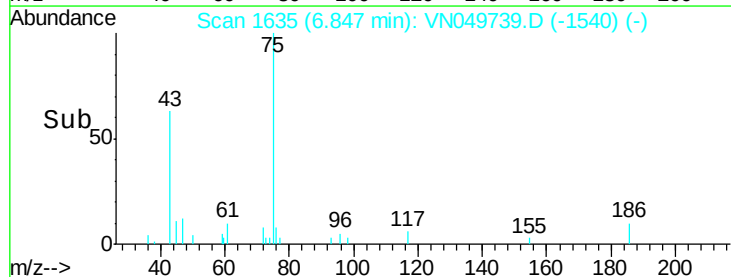
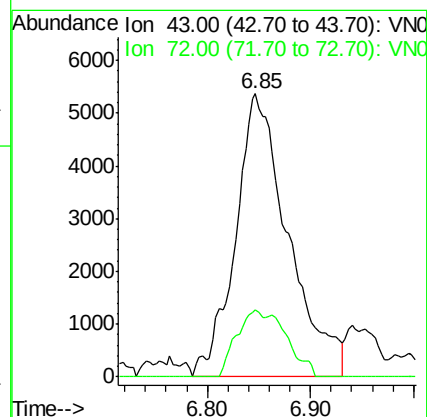
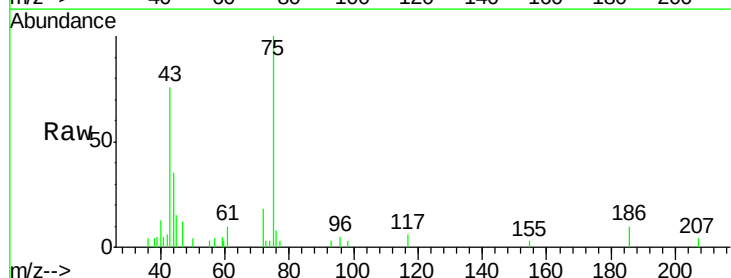
Ion	Ratio	Lower	Upper
84	100		
49	118.5	95.4	143.2
51	37.0	28.4	42.6
86	64.6	52.6	79.0

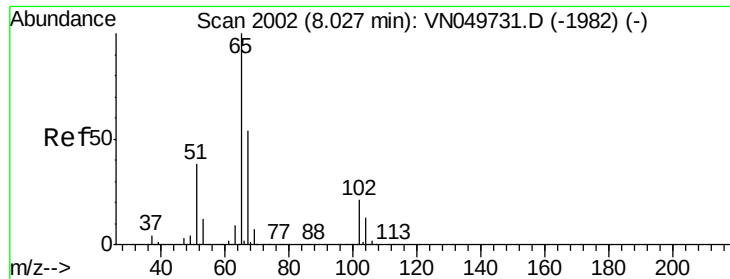


#25
2-Butanone
Concen: 3.399 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049739.D
Acq: 6 Jul 2018 15:20

Tgt Ion: 43 Resp: 19116

Ion	Ratio	Lower	Upper
43	100		
72	23.6	22.1	33.1

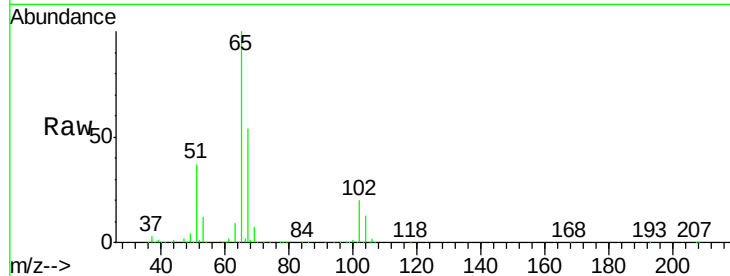




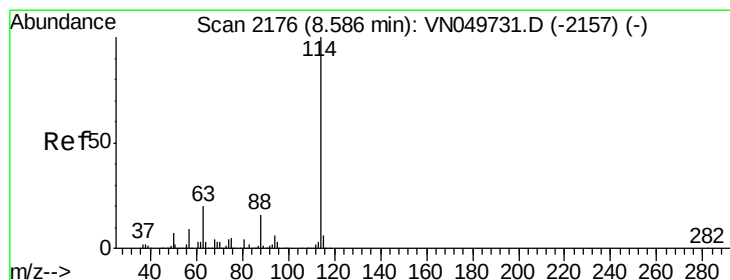
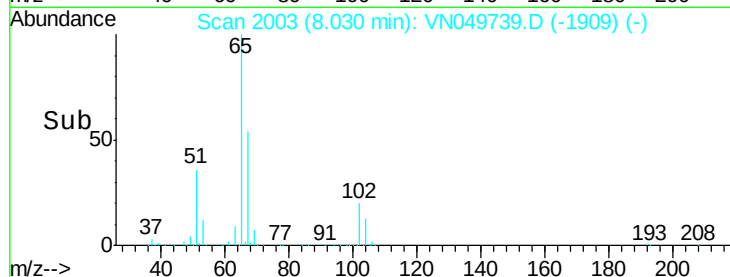
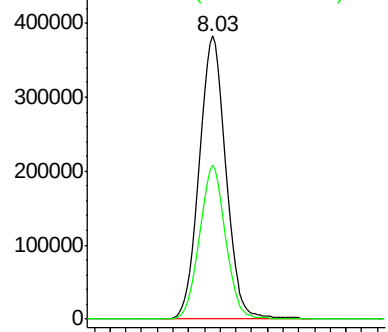
#33
 1,2-Dichloroethane-d4
 Concen: 52.739 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049739.D
 Acq: 6 Jul 2018 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 NS-DRUM-2-STONE

Tot Ion: 65 Resp: 893549
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 107.2

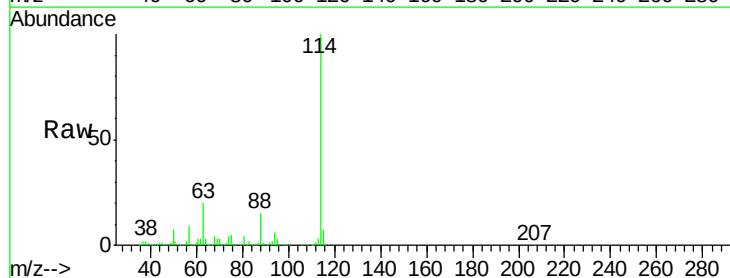


Abundance Ion 64.90 (64.60 to 65.60): VN0
 Ion 66.90 (66.60 to 67.60): VN0

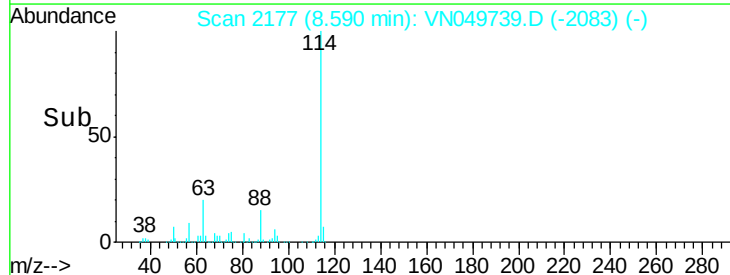
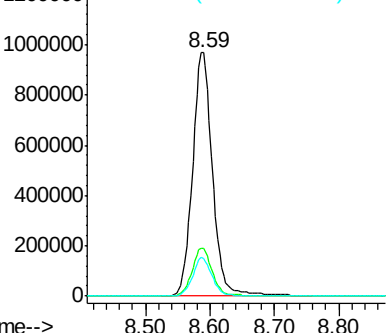


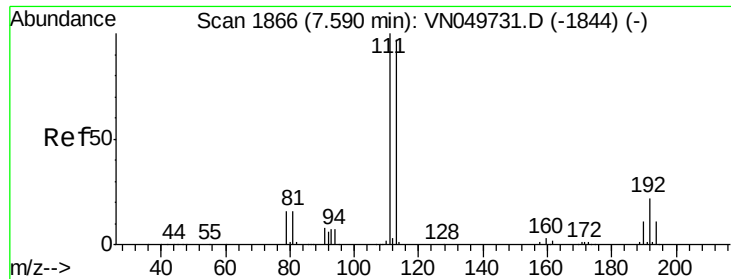
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049739.D
 Acq: 6 Jul 2018 15:20

Tgt Ion: 114 Resp: 2089618
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.5 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN0
 Ion 87.90 (87.60 to 88.60): VN0

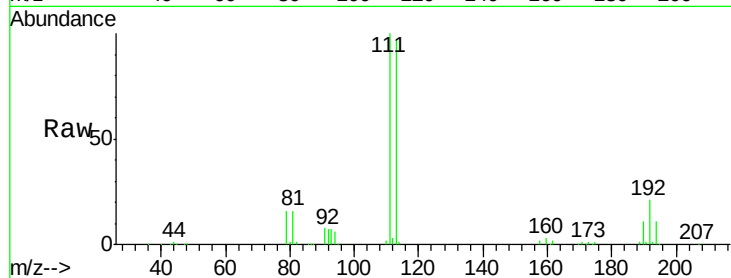




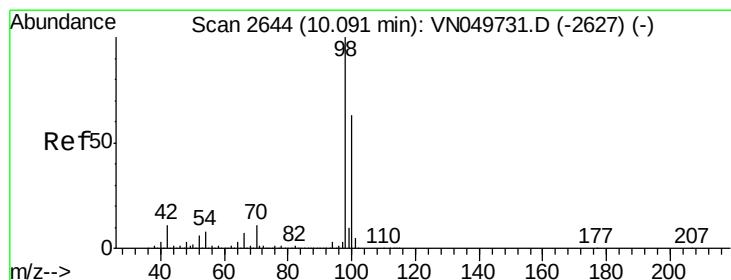
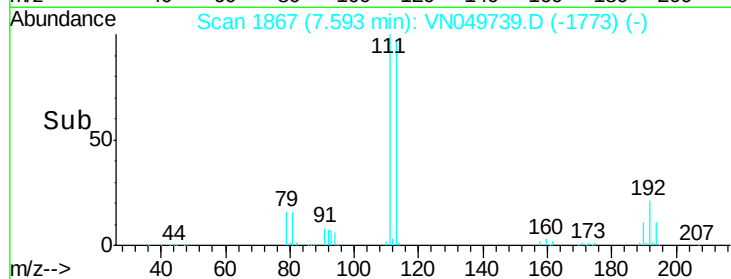
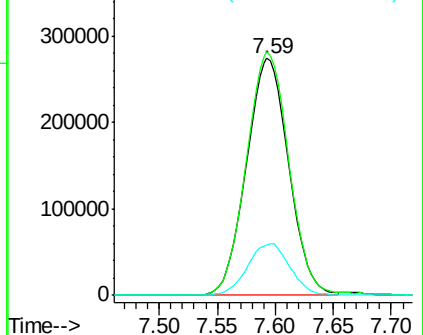
#35
 Dibromofluoromethane
 Concen: 44.523 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049739.D
 Acq: 6 Jul 2018 15:20

Instrument :
 MSVOA_N
 ClientSampleId :
 NS-DRUM-2-STONE

Tot Ion:113 Resp: 695540
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.8 122.8
 192 22.0 17.8 26.6

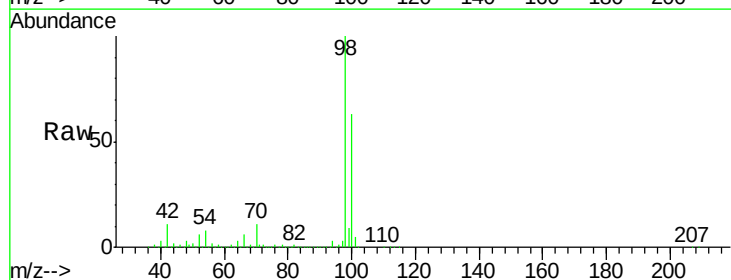


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

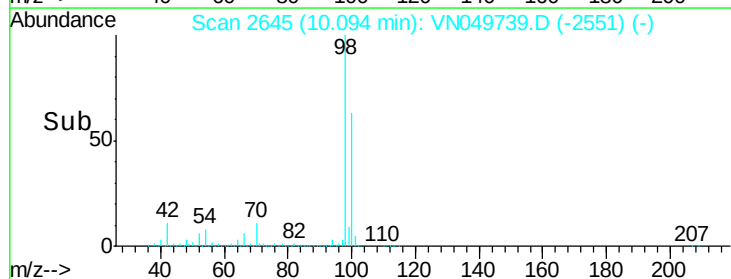
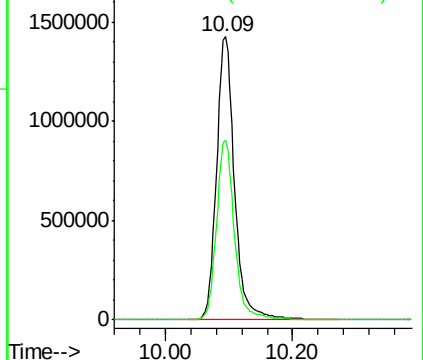


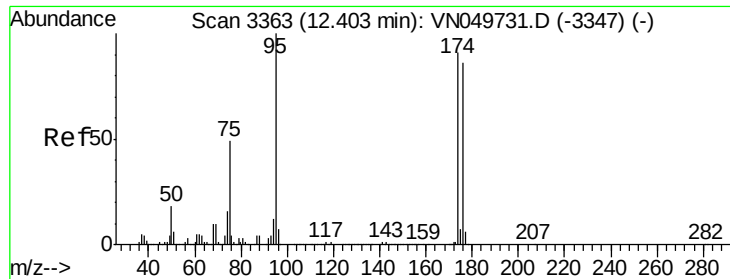
#50
 Toluene-d8
 Concen: 45.810 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049739.D
 Acq: 6 Jul 2018 15:20

Tgt Ion: 98 Resp: 2801215
 Ion Ratio Lower Upper
 98 100
 100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN
 Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 38.228 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049739.D

Acq: 6 Jul 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

NS-DRUM-2-STONE

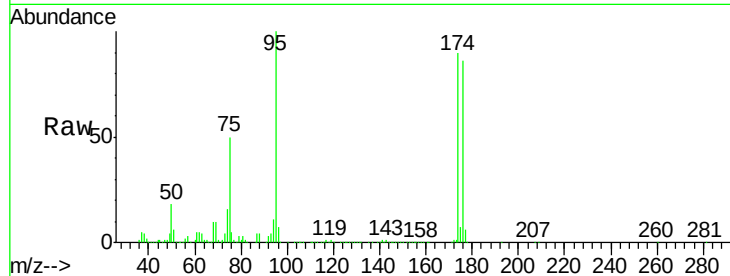
Tot Ion: 95 Resp: 798080

Ion Ratio Lower Upper

95 100

174 91.5 0.0 179.6

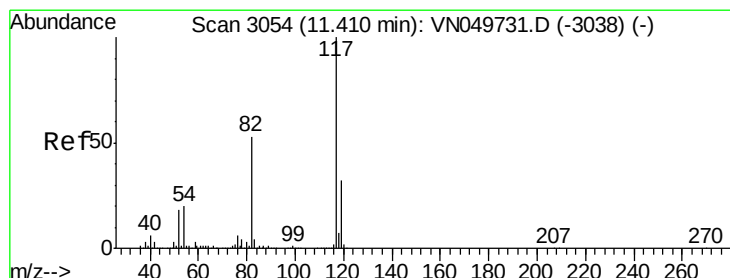
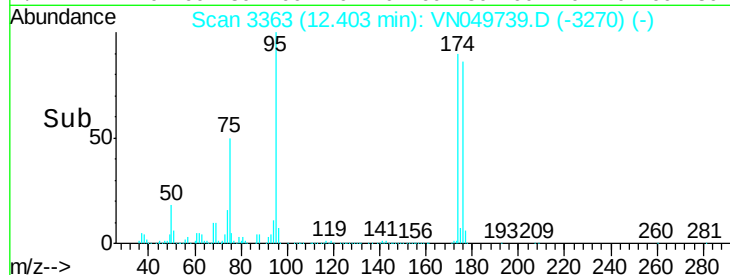
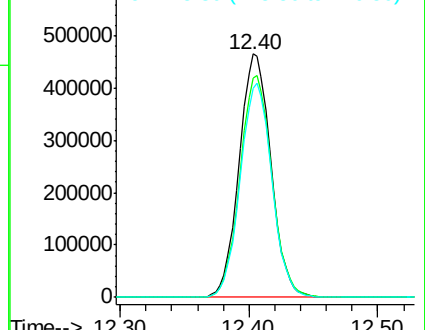
176 87.5 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049739.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049739.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049739.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049739.D

Acq: 6 Jul 2018 15:20

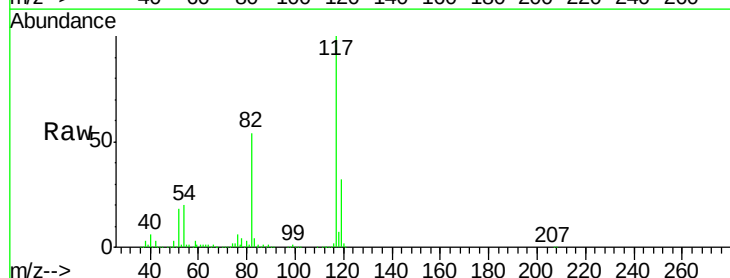
Tgt Ion: 117 Resp: 1734474

Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

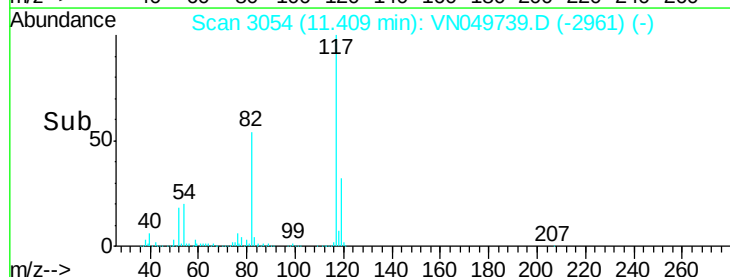
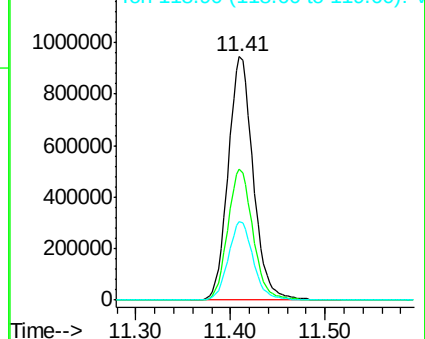
119 32.1 25.4 38.2

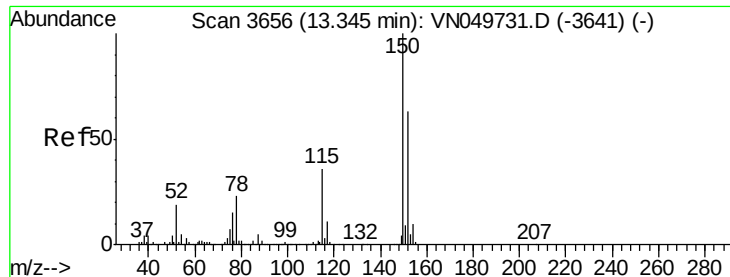


Abundance Ion 116.90 (116.60 to 117.60): VN049739.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049739.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049739.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049739.D

Acq: 6 Jul 2018 15:20

Instrument :

MSVOA_N

ClientSampleId :

NS-DRUM-2-STONE

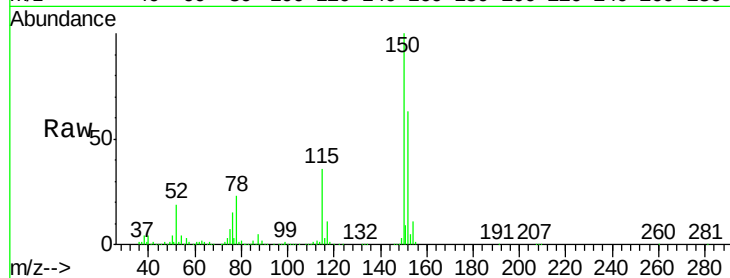
Tot Ion:152 Resp: 618176

Ion Ratio Lower Upper

152 100

115 56.8 28.1 84.2

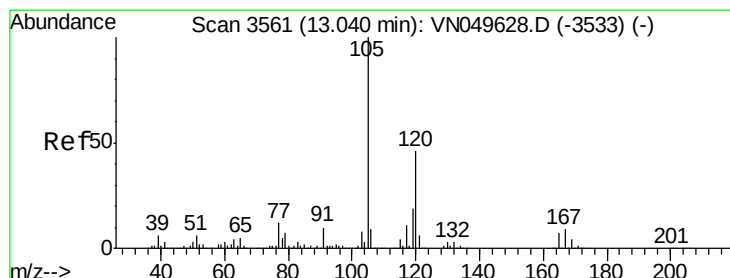
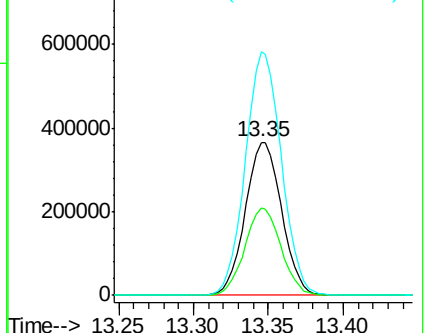
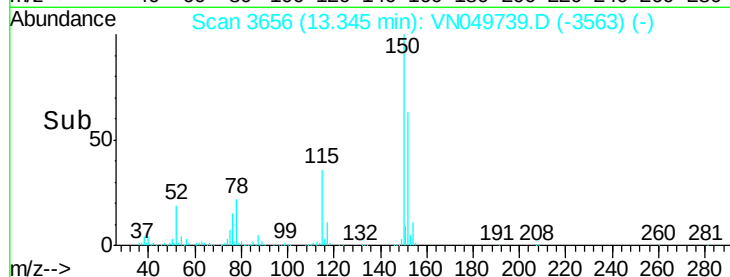
150 157.5 0.0 347.6



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



#84

1,2,4-Trimethylbenzene

Concen: 1.285 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049739.D

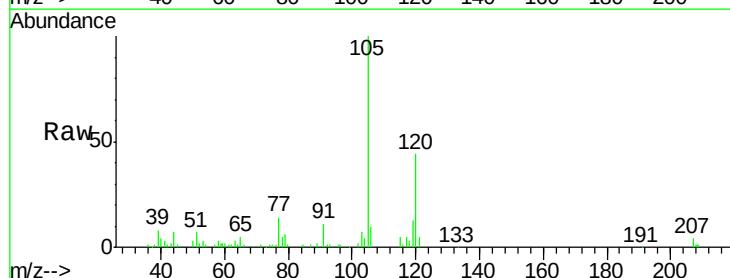
Acq: 6 Jul 2018 15:20

Tgt Ion:105 Resp: 54024

Ion Ratio Lower Upper

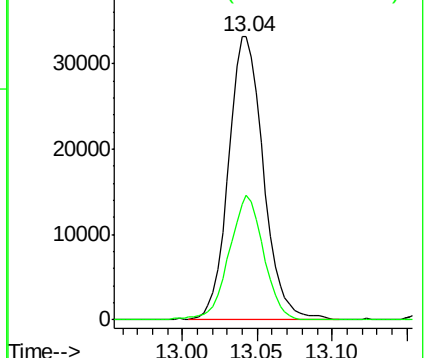
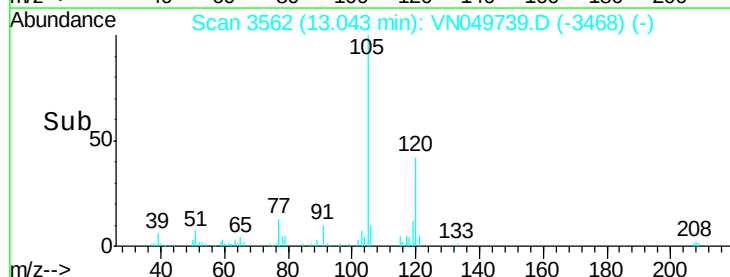
105 100

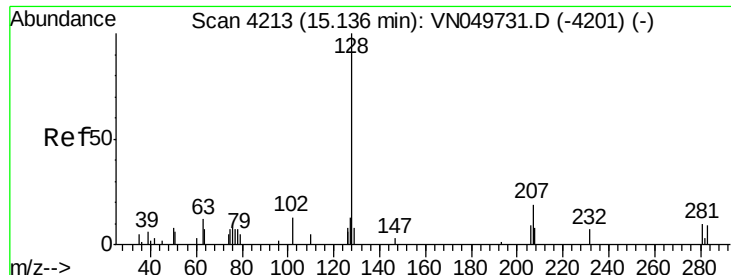
120 43.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

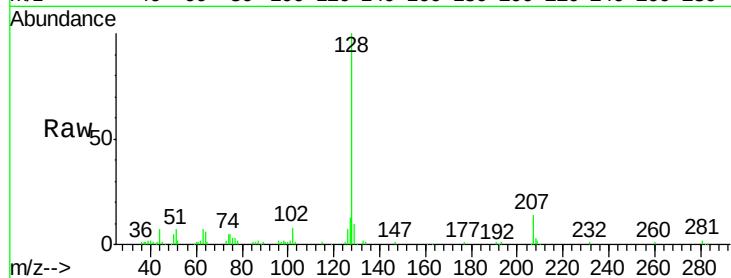




#95
Naphthalene
Concen: 7.547 ug/l
RT: 15.14 min Scan# 4214
Delta R.T. 0.00 min
Lab File: VN049739.D
Acq: 6 Jul 2018 15:20

Instrument :
MSVOA_N
ClientSampleId :
NS-DRUM-2-STONE

Tot Ion:128 Resp: 95774
Ion Ratio Lower Upper
128 100
127 13.4 10.4 15.6
129 11.0 8.6 13.0



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

