

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049619.D
 Acq On : 29 Jun 2018 4:43
 Operator : MD\SY
 Sample : J3612-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-4(3-3.5)

Quant Time: Jun 29 08:52:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1133678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1811119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1493079	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	564981	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	739212	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
35) Dibromofluoromethane	7.59	113	500694	34.17	ug/l	0.00
Spiked Amount			Recovery	=	68.34%	
50) Toluene-d8	10.09	98	2425104	43.47	ug/l	0.00
Spiked Amount			Recovery	=	86.94%	
62) 4-Bromofluorobenzene	12.40	95	690794	37.45	ug/l	0.00
Spiked Amount			Recovery	=	74.90%	

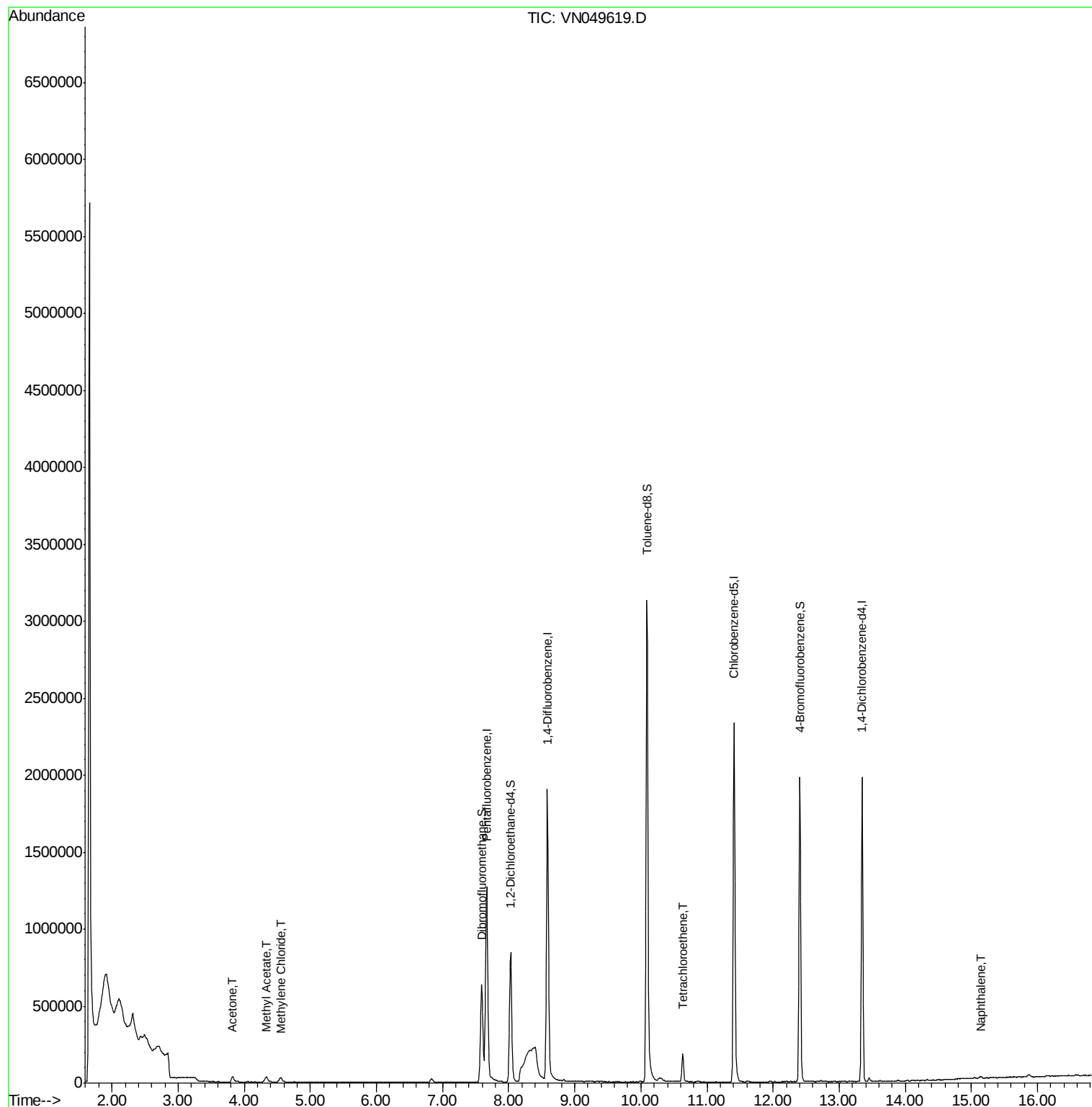
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	58828	16.11	ug/l	96
18) Methyl Acetate	4.34	43	74614	6.70	ug/l	99
20) Methylene Chloride	4.55	84	22131	1.45	ug/l	95
64) Tetrachloroethene	10.63	164	44394	2.90	ug/l	96
95) Naphthalene	15.14	128	9262	2.67	ug/l #	89

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

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049619.D

Acq: 29 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

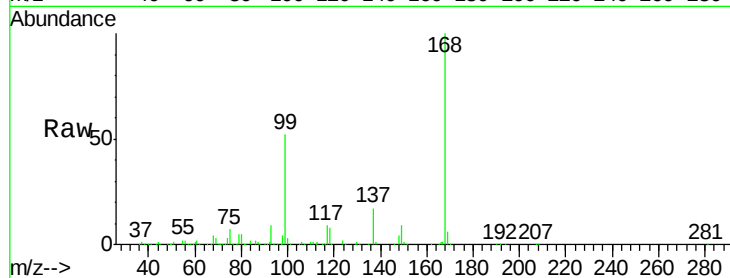
S-4(3-3.5)

Tot Ion:168 Resp: 1133678

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

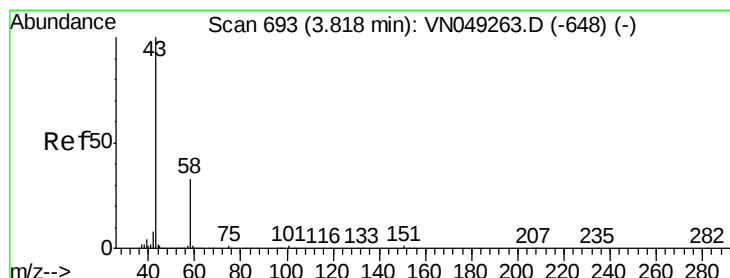
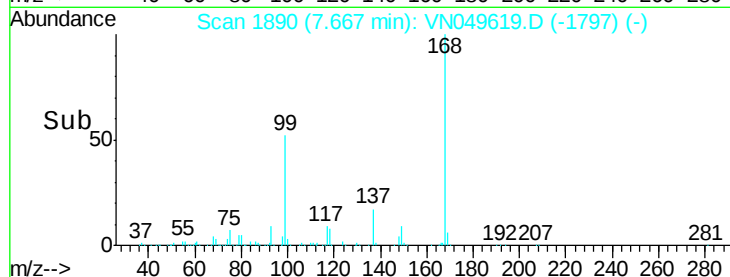
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 16.11 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049619.D

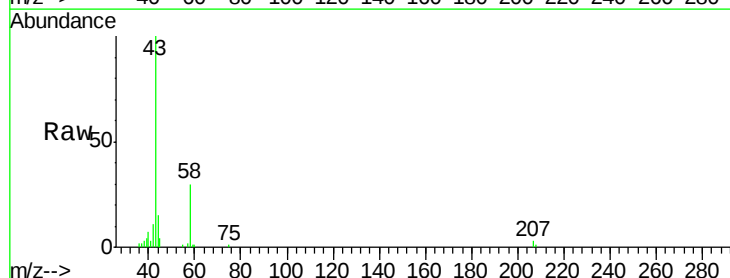
Acq: 29 Jun 2018 4:43

Tgt Ion: 43 Resp: 58828

Ion Ratio Lower Upper

43 100

58 30.4 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

25000

20000

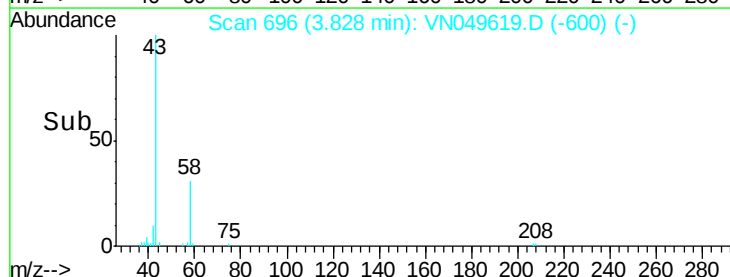
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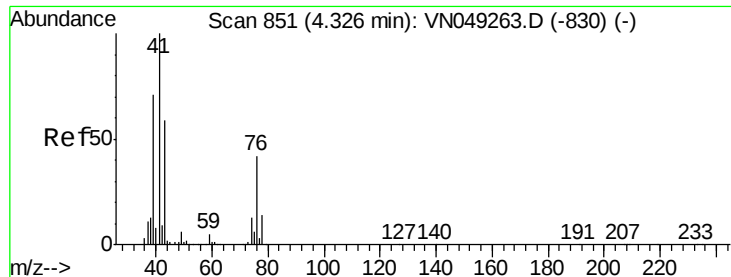
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5000

0

Time-->

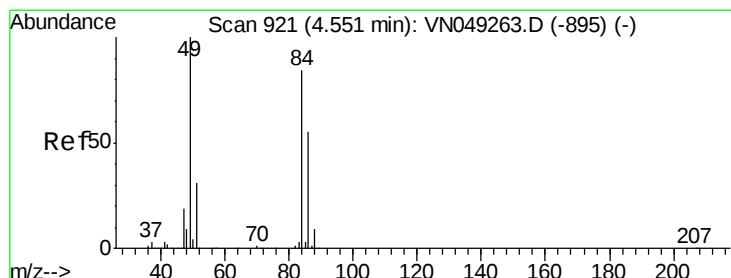
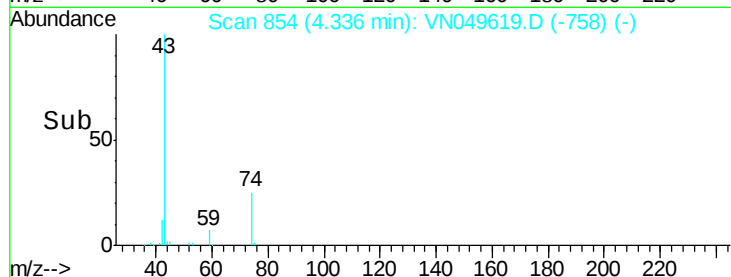
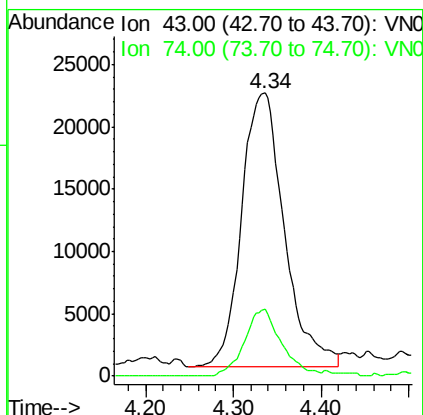
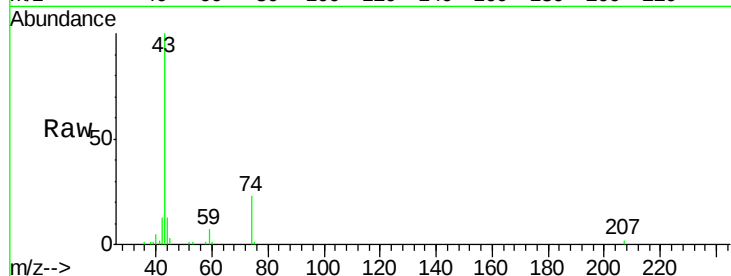




#18
Methvl Acetate
Concen: 6.70 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049619.D
Acq: 29 Jun 2018 4:43

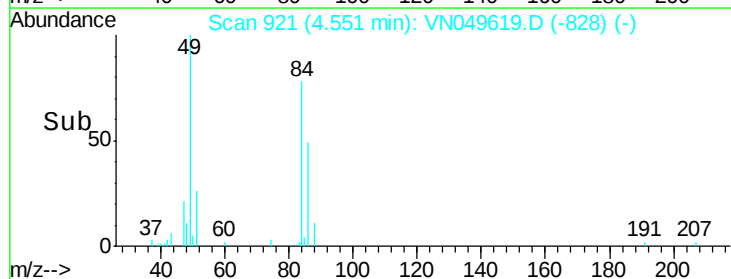
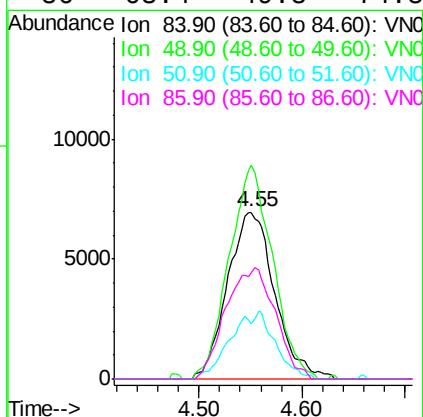
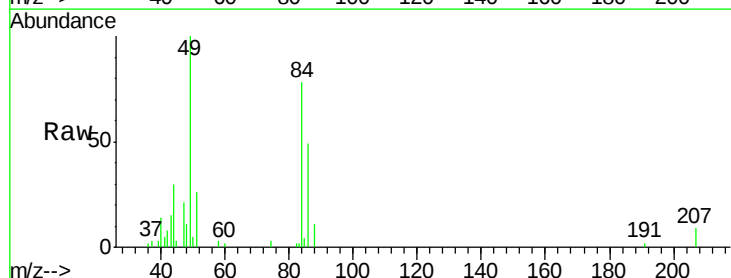
Instrument :
MSVOA_N
ClientSampled :
S-4(3-3.5)

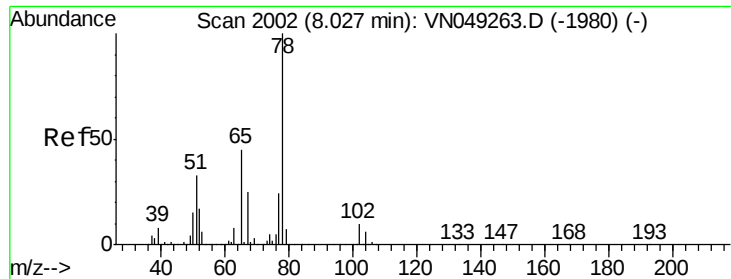
Tot Ion: 43 Resp: 74614
Ion Ratio Lower Upper
43 100
74 21.1 17.4 26.0



#20
Methylene Chloride
Concen: 1.45 ug/l
RT: 4.55 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN049619.D
Acq: 29 Jun 2018 4:43

Tgt Ion: 84 Resp: 22131
Ion Ratio Lower Upper
84 100
49 128.1 106.9 160.3
51 33.1 32.7 49.1
86 63.4 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.16 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049619.D

Acq: 29 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

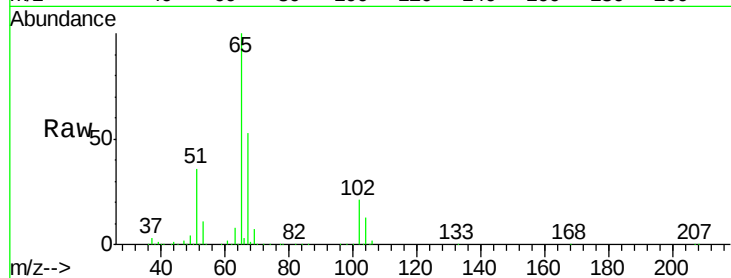
S-4(3-3.5)

Tot Ion: 65 Resp: 739212

Ion Ratio Lower Upper

65 100

67 52.8 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049619.D (-2002) (-)

Ion 66.90 (66.60 to 67.60): VN049619.D (-2002) (-)

8.03

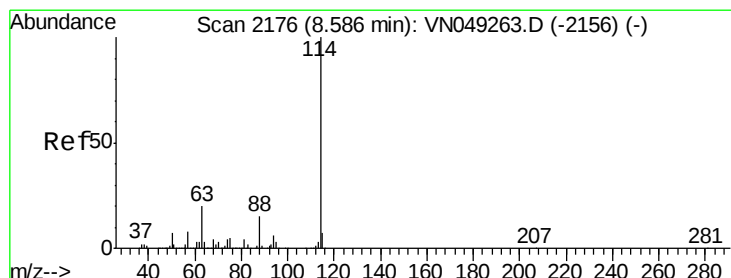
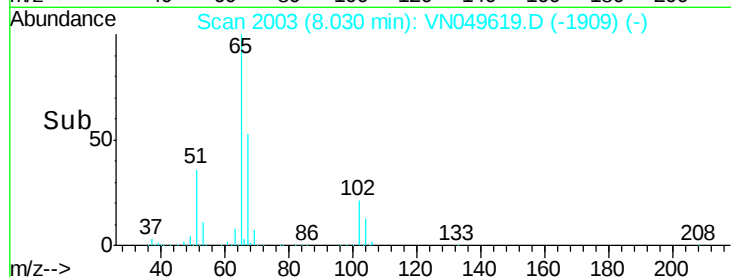
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049619.D

Acq: 29 Jun 2018 4:43

Tgt Ion: 114 Resp: 1811119

Ion Ratio Lower Upper

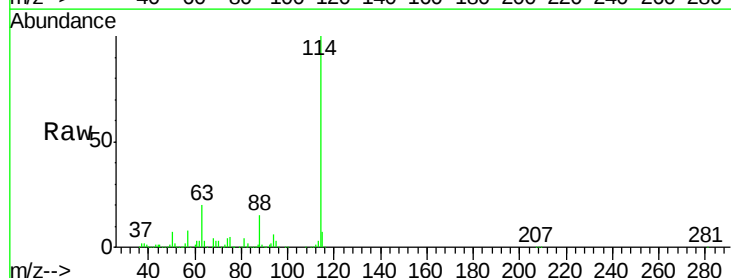
114 100

63 20.2

0.0 44.4

88 15.0

0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049619.D (-2176) (-)

Ion 63.00 (62.70 to 63.70): VN049619.D (-2176) (-)

Ion 87.90 (87.60 to 88.60): VN049619.D (-2176) (-)

8.59

1000000

800000

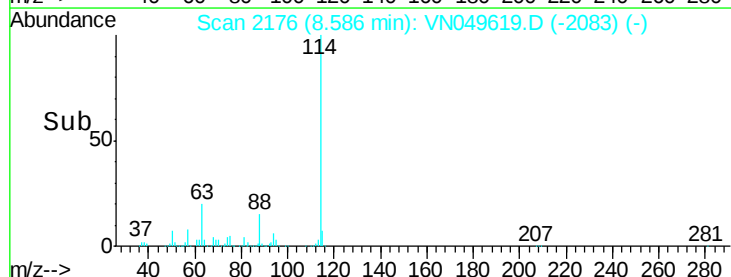
600000

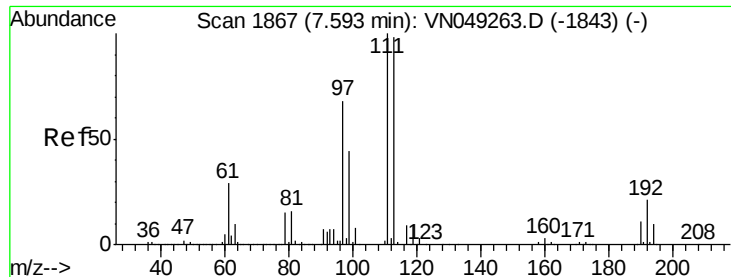
400000

200000

0

Time-->

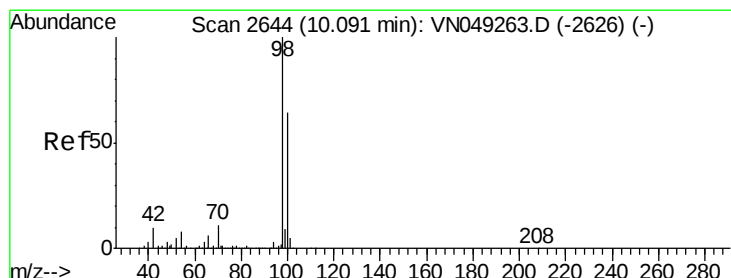
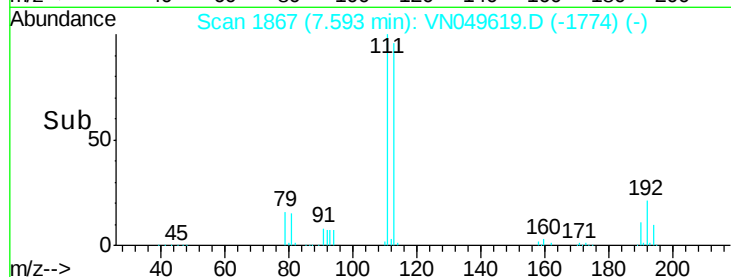
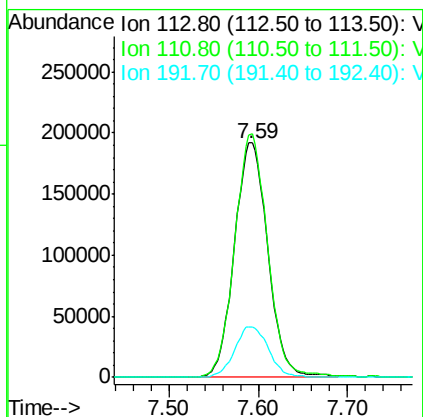
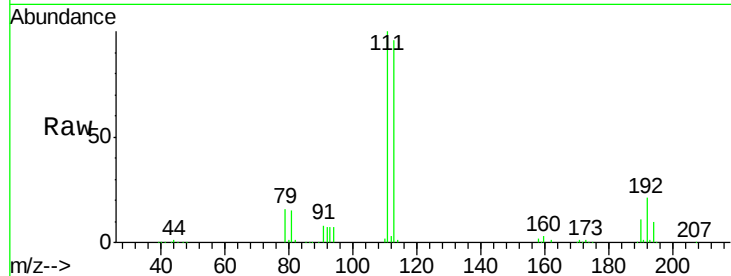




#35
Dibromofluoromethane
Concen: 34.17 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049619.D
Acq: 29 Jun 2018 4:43

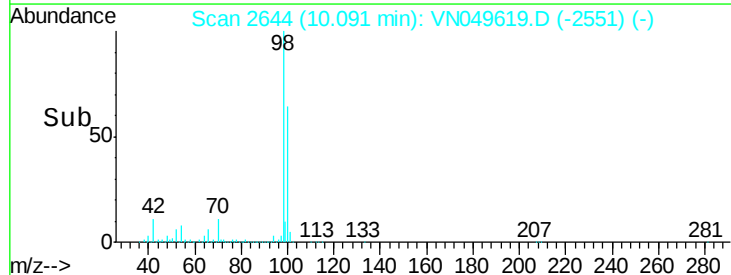
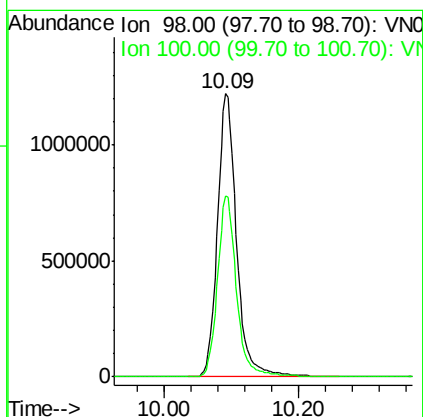
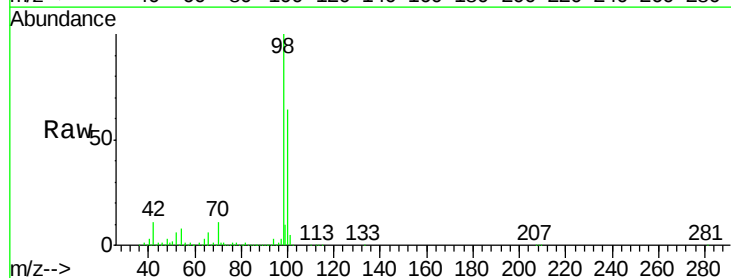
Instrument :
MSVOA_N
ClientSampled :
S-4(3-3.5)

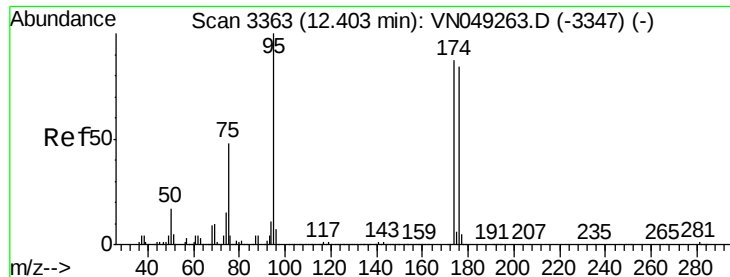
Tot Ion:113 Resp: 500694
Ion Ratio Lower Upper
113 100
111 102.4 82.4 123.6
192 21.9 15.0 22.6



#50
Toluene-d8
Concen: 43.47 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049619.D
Acq: 29 Jun 2018 4:43

Tgt Ion: 98 Resp: 2425104
Ion Ratio Lower Upper
98 100
100 63.7 49.8 74.8

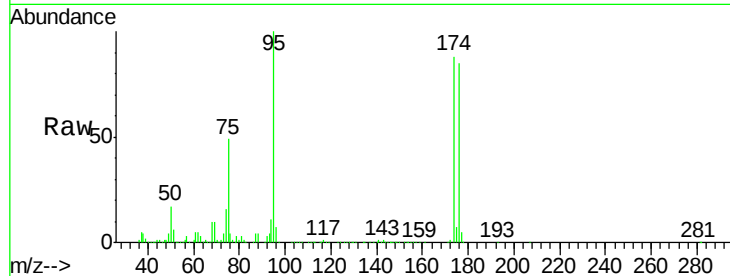




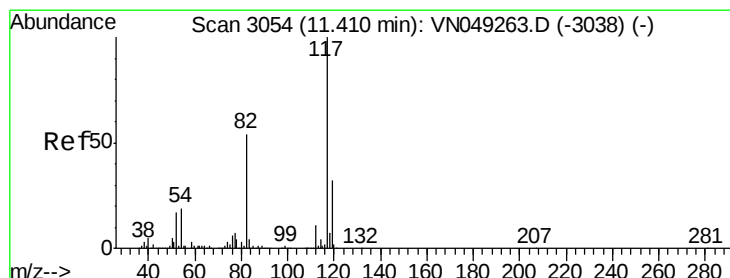
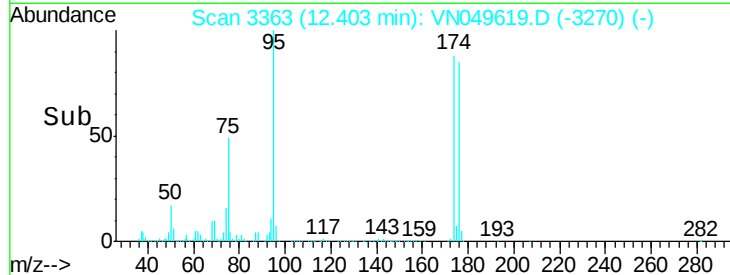
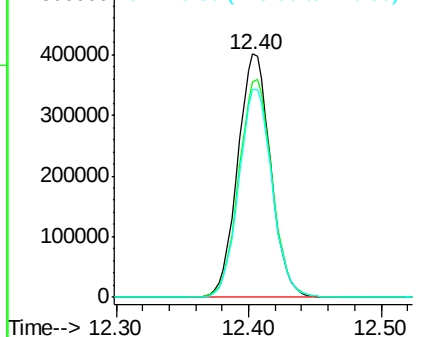
#62
4-Bromofluorobenzene
Concen: 37.45 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049619.D
Acq: 29 Jun 2018 4:43

Instrument :
MSVOA_N
ClientSampleId :
S-4(3-3.5)

Tot Ion: 95 Resp: 690794
Ion Ratio Lower Upper
95 100
174 90.5 0.0 165.6
176 86.2 0.0 157.4

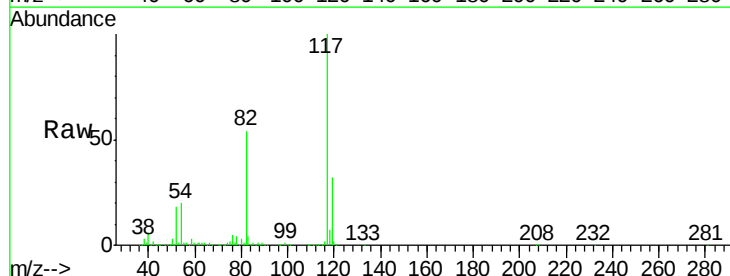


Abundance Ion 94.90 (94.60 to 95.60): VN049619.D (-3270) (-)
Ion 173.80 (173.50 to 174.50): VN049619.D (-3270) (-)
Ion 175.80 (175.50 to 176.50): VN049619.D (-3270) (-)

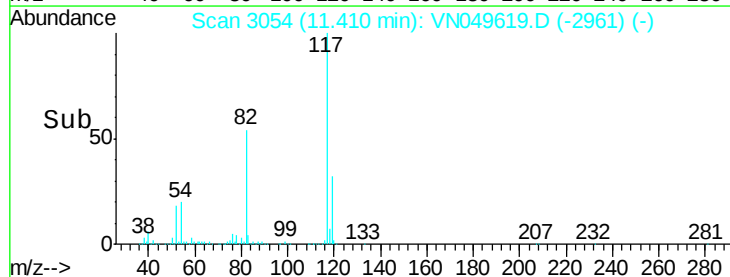
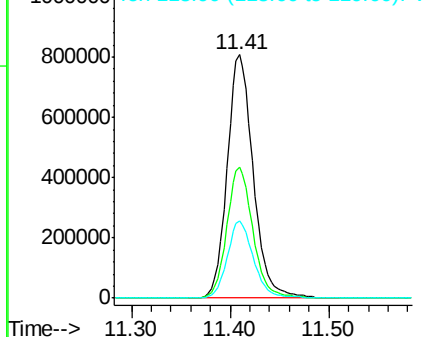


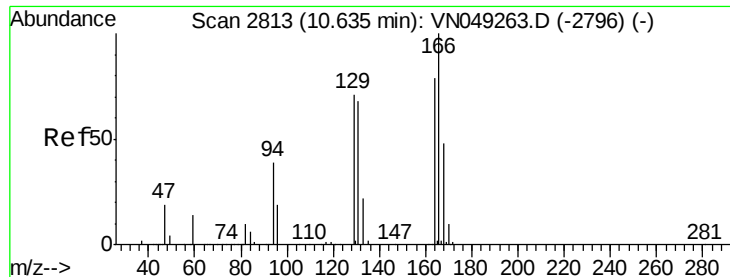
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049619.D
Acq: 29 Jun 2018 4:43

Tgt Ion: 117 Resp: 1493079
Ion Ratio Lower Upper
117 100
82 53.7 45.9 68.9
119 31.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049619.D (-2961) (-)
Ion 82.00 (81.70 to 82.70): VN049619.D (-2961) (-)
Ion 118.90 (118.60 to 119.60): VN049619.D (-2961) (-)





#64

Tetrachloroethene

Concen: 2.90 ug/l

RT: 10.63 min Scan# 2812

Delta R.T. -0.00 min

Lab File: VN049619.D

Acq: 29 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

S-4(3-3.5)

Tot Ion:164 Resp: 44394

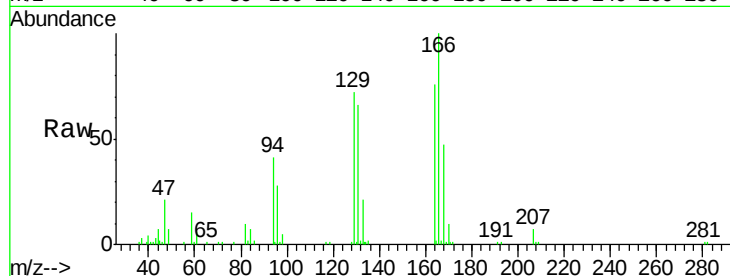
Ion Ratio Lower Upper

164 100

166 131.3 101.4 152.2

129 93.8 74.1 111.1

131 86.6 73.7 110.5

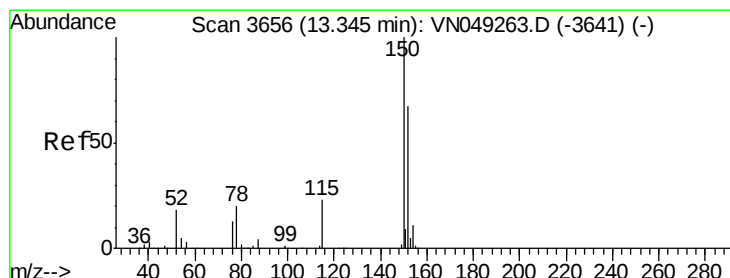
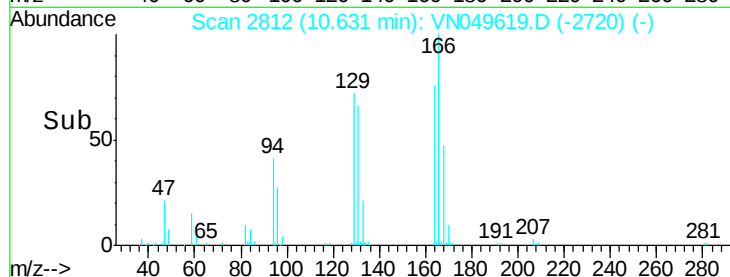
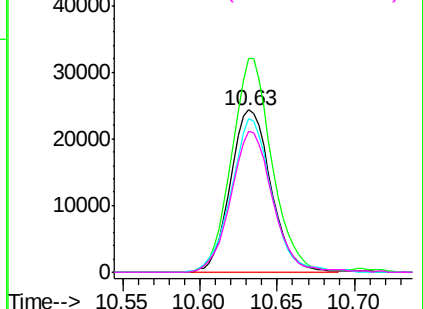


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049619.D

Acq: 29 Jun 2018 4:43

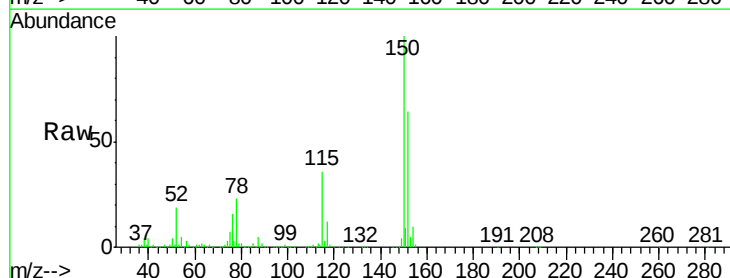
Tgt Ion:152 Resp: 564981

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

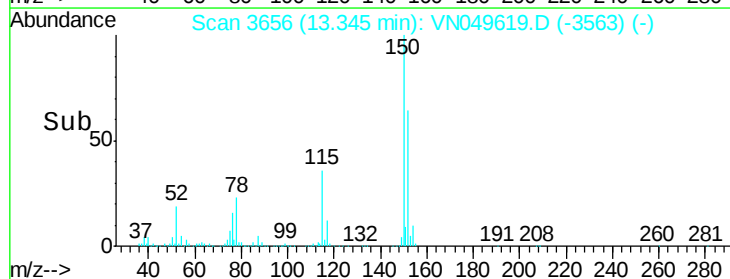
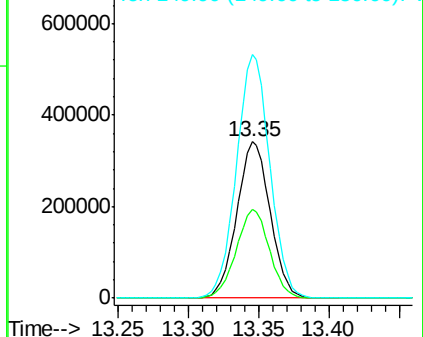
150 156.5 0.0 351.0

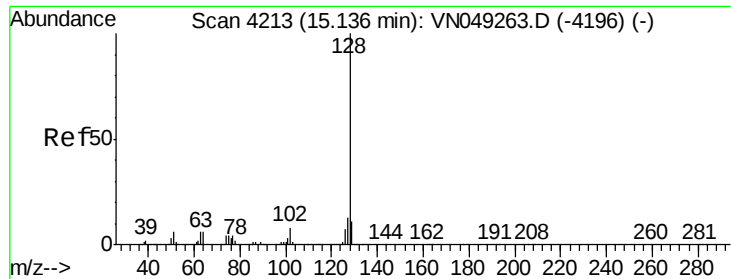


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 2.67 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049619.D

Acq: 29 Jun 2018 4:43

Instrument :

MSVOA_N

ClientSampleId :

S-4(3-3.5)

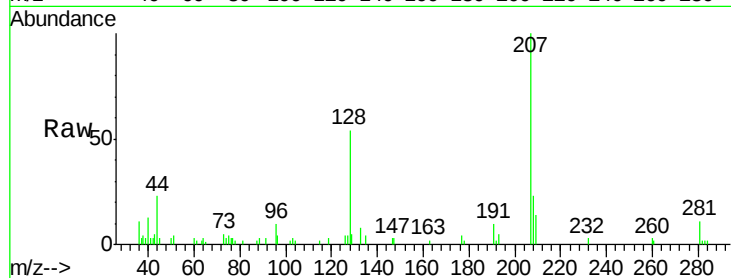
Tot Ion:128 Resp: 9262

Ion Ratio Lower Upper

128 100

127 6.8 10.6 16.0#

129 12.2 8.5 12.7



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

