

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062118\
 Data File : VN049475.D
 Acq On : 21 Jun 2018 18:19
 Operator : MD\SY
 Sample : PB110441ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110441ZHE#06

Quant Time: Jun 22 04:40:55 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	1174018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1843143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1563854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	427711	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	807776	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
35) Dibromofluoromethane	7.59	113	690745	46.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.64%	
50) Toluene-d8	10.09	98	2547764	44.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.74%	
62) 4-Bromofluorobenzene	12.40	95	648665	34.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.10%	

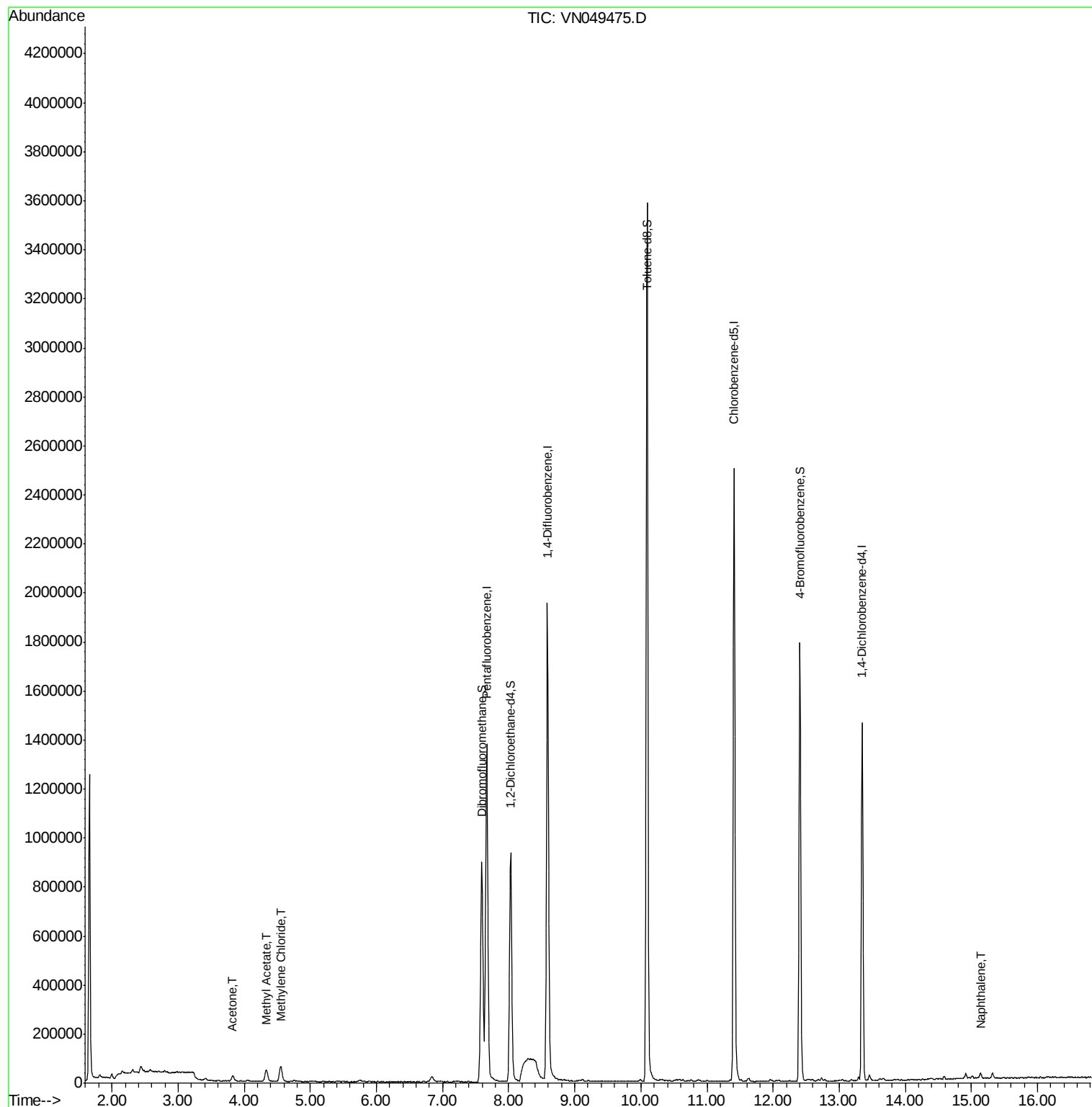
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	34495	9.12	ug/l #	84
18) Methyl Acetate	4.33	43	91367	7.93	ug/l	92
20) Methylene Chloride	4.55	84	48727	3.09	ug/l	91
95) Naphthalene	15.14	128	17810	3.58	ug/l #	95

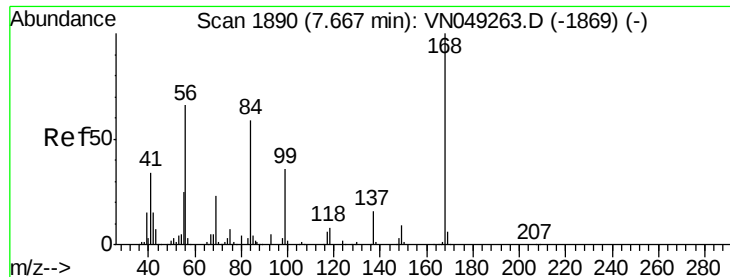
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

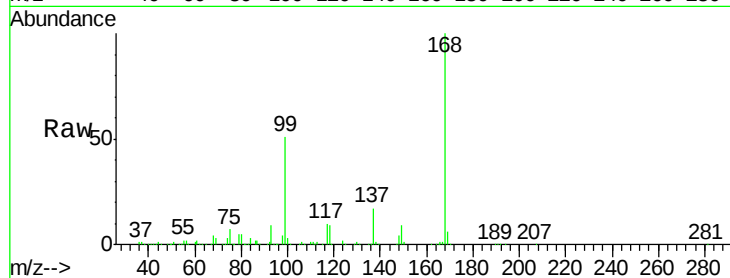
PB110441ZHE#06

Tot Ion:168 Resp: 1174018

Ion Ratio Lower Upper

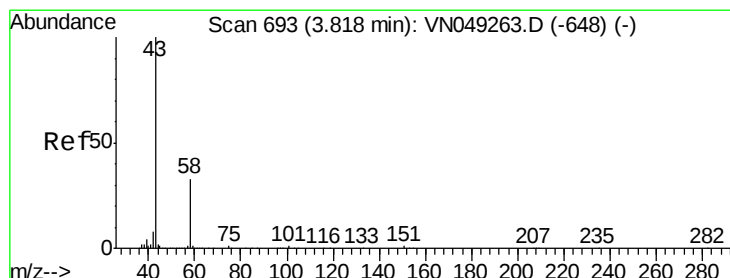
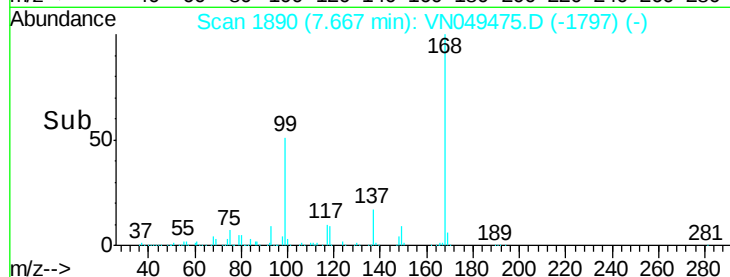
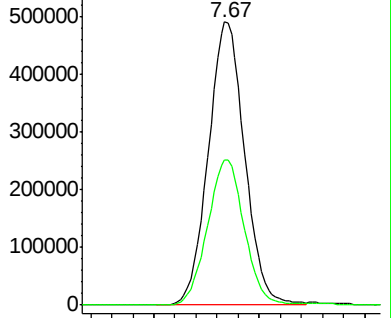
168 100

99 51.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.12 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049475.D

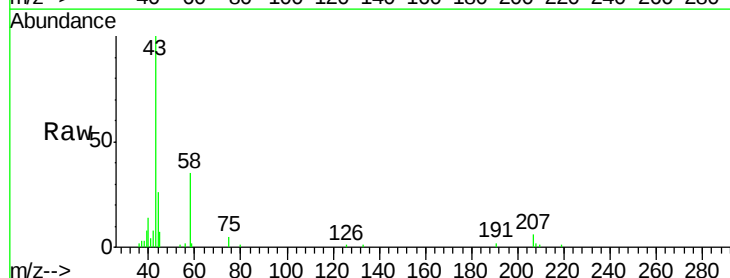
Acq: 21 Jun 2018 18:19

Tgt Ion: 43 Resp: 34495

Ion Ratio Lower Upper

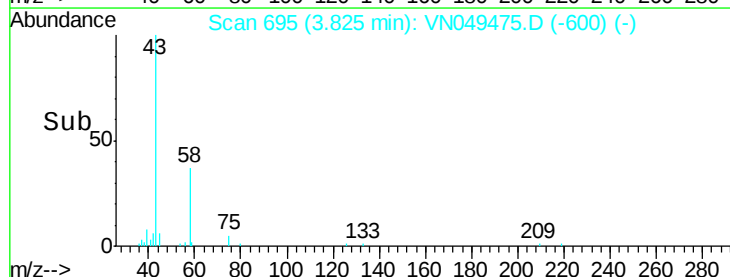
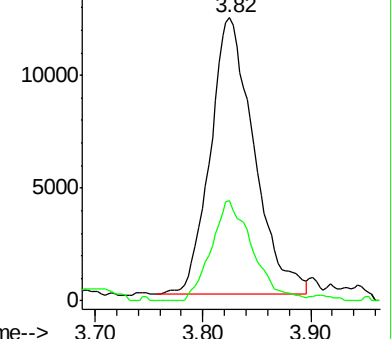
43 100

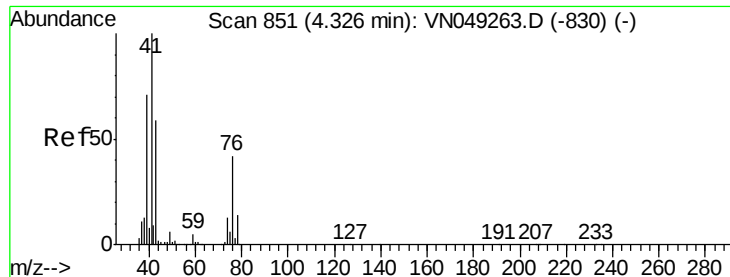
58 36.2 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

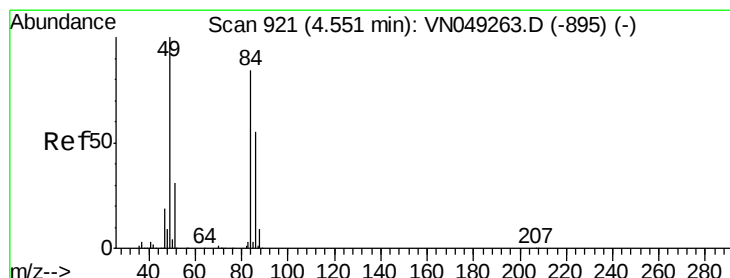
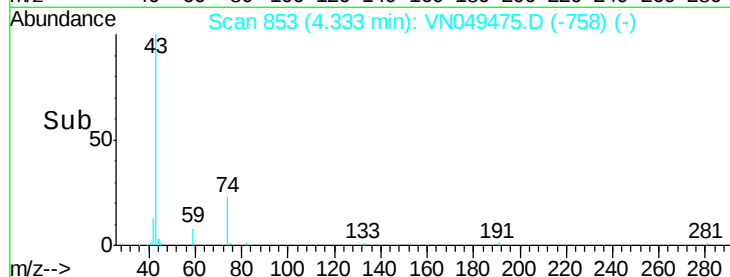
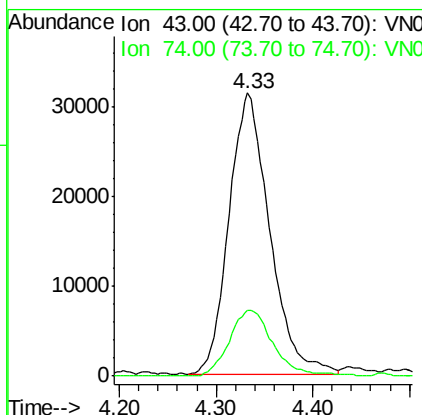
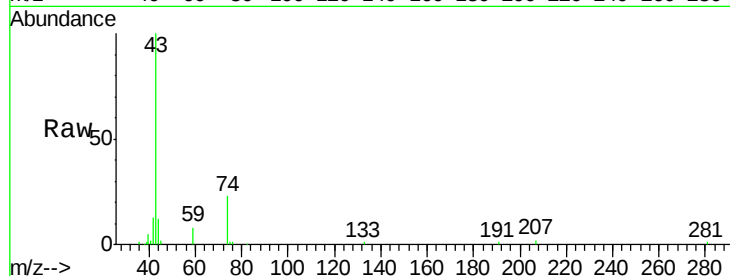




#18
Methvl Acetate
Concen: 7.93 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

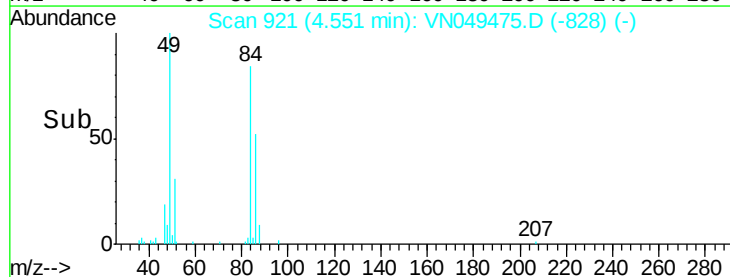
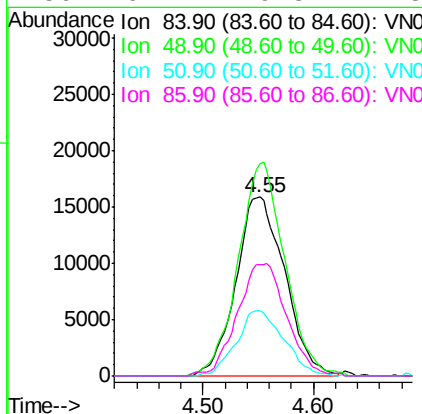
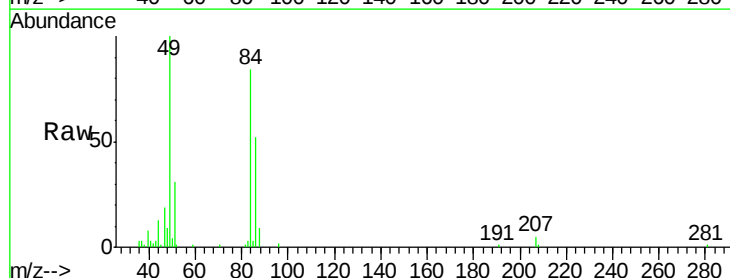
Instrument :
MSVOA_N
ClientSampleId :
PB110441ZHE#06

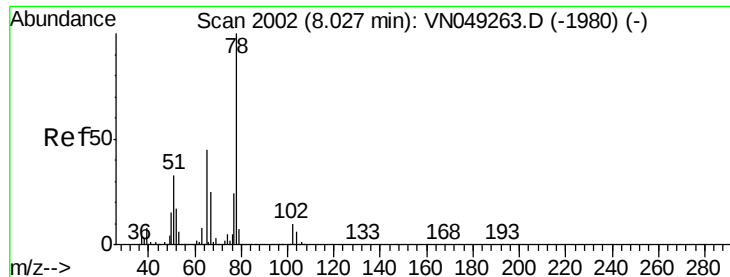
Tot Ion: 43 Resp: 91367
Ion Ratio Lower Upper
43 100
74 25.3 17.4 26.0



#20
Methylene Chloride
Concen: 3.09 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049475.D
Acq: 21 Jun 2018 18:19

Tgt Ion: 84 Resp: 48727
Ion Ratio Lower Upper
84 100
49 118.0 106.9 160.3
51 36.6 32.7 49.1
86 62.2 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 51.88 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

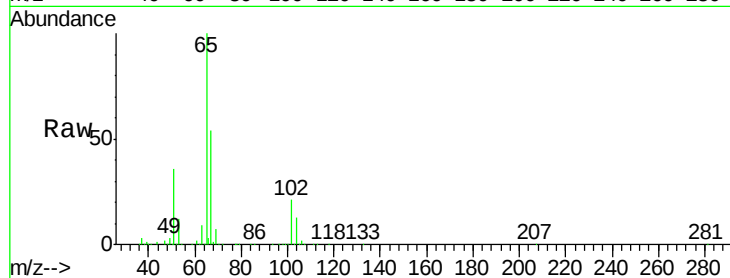
PB110441ZHE#06

Tot Ion: 65 Resp: 807776

Ion Ratio Lower Upper

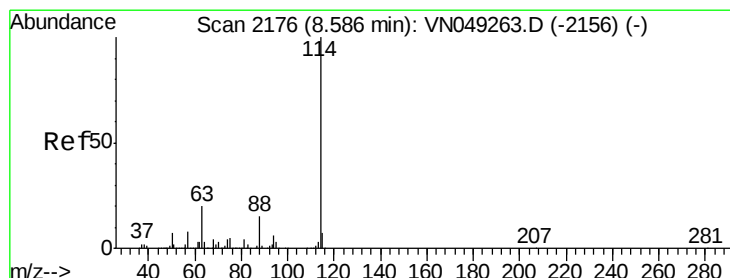
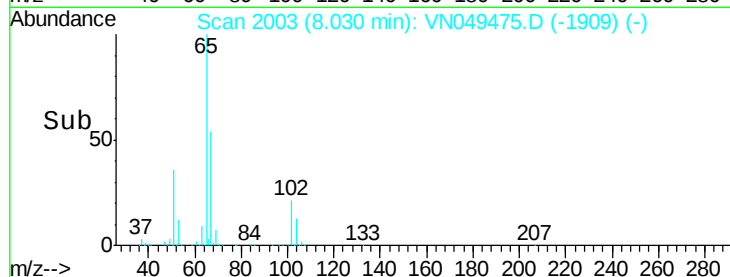
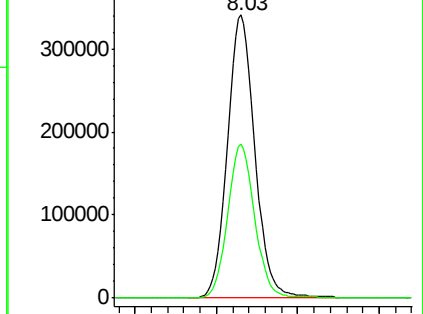
65 100

67 53.7 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049475.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049475.D (-1909) (-)



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

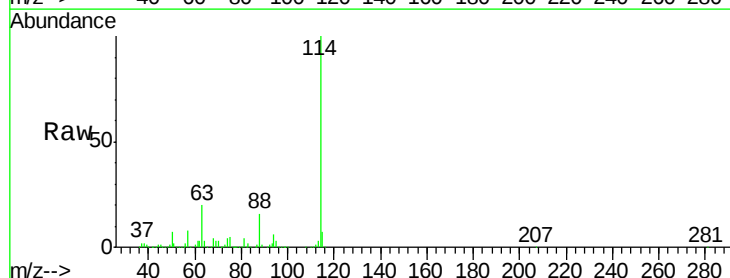
Tgt Ion: 114 Resp: 1843143

Ion Ratio Lower Upper

114 100

63 20.2 0.0 44.4

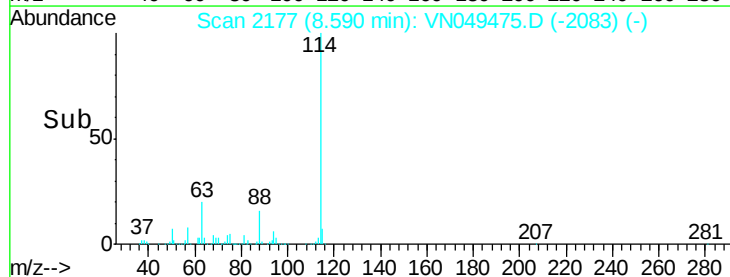
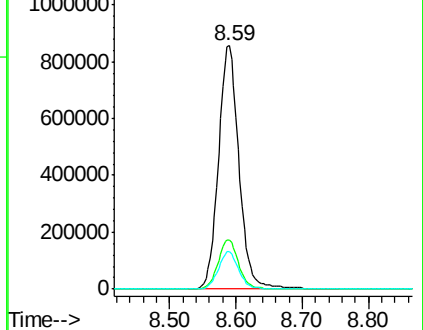
88 15.5 0.0 31.4

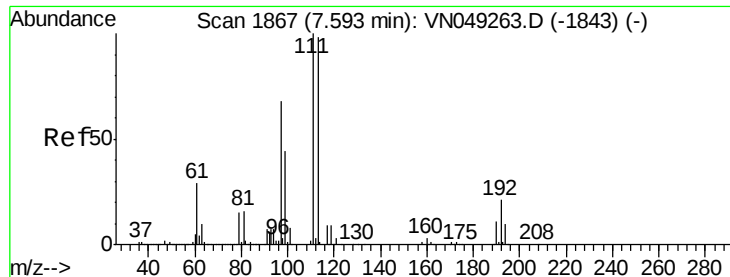


Abundance Ion 113.90 (113.60 to 114.60): VN049475.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN049475.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN049475.D (-2083) (-)





#35

Dibromofluoromethane

Concen: 46.32 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

PB110441ZHE#06

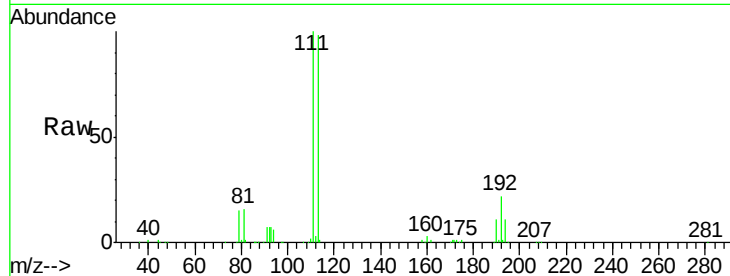
Tot Ion:113 Resp: 690745

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

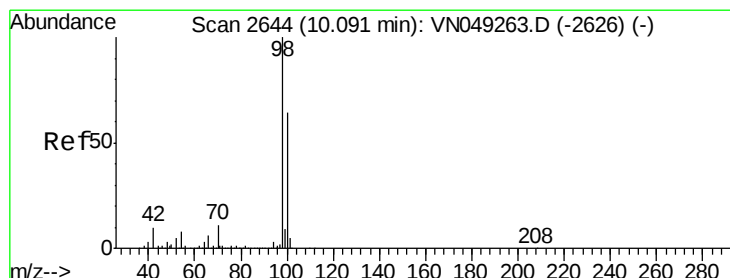
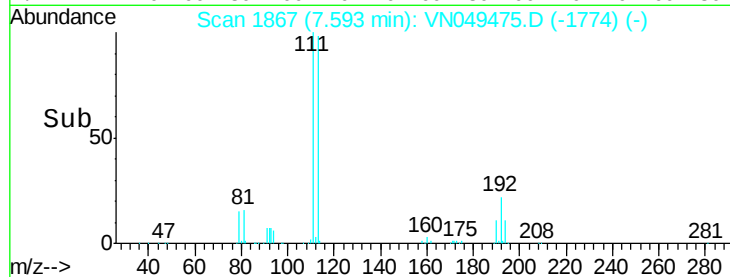
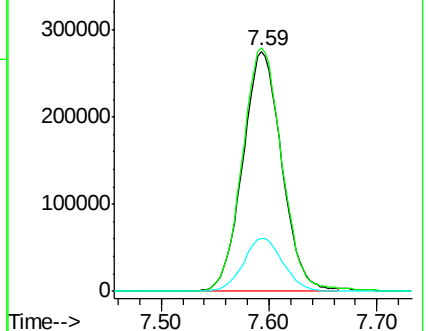
192 22.6 15.0 22.6#



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: 44.87 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049475.D

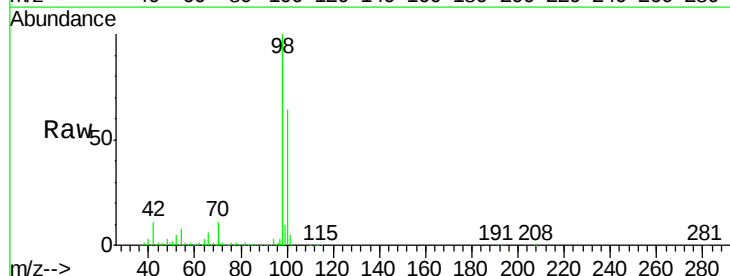
Acq: 21 Jun 2018 18:19

Tgt Ion: 98 Resp: 2547764

Ion Ratio Lower Upper

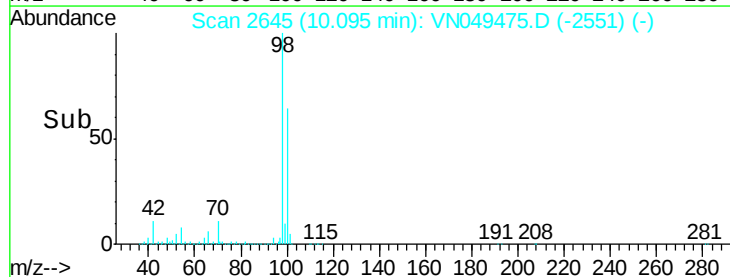
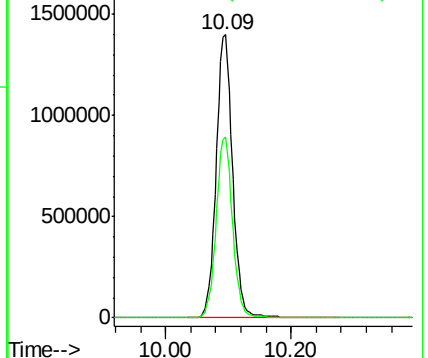
98 100

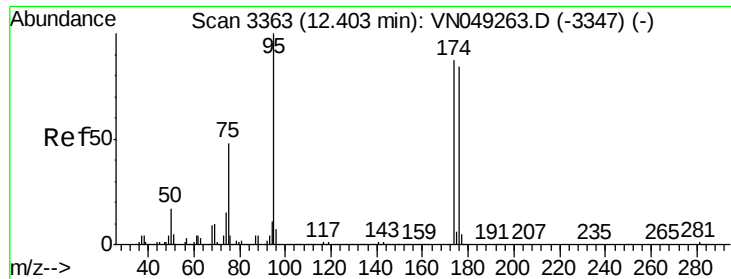
100 63.7 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 34.55 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

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ClientSampleId :

PB110441ZHE#06

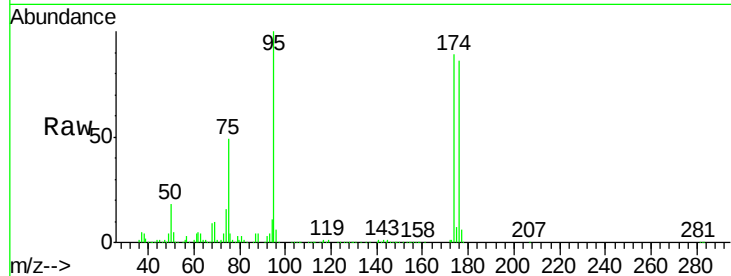
Tot Ion: 95 Resp: 648665

Ion Ratio Lower Upper

95 100

174 89.9 0.0 165.6

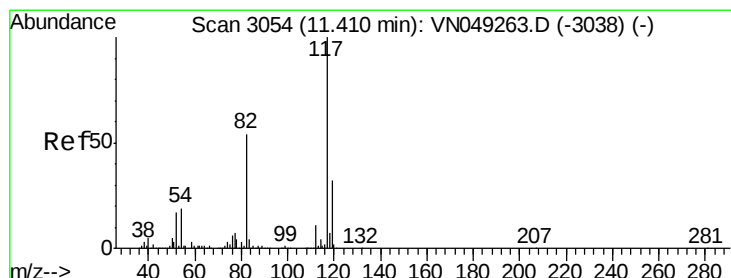
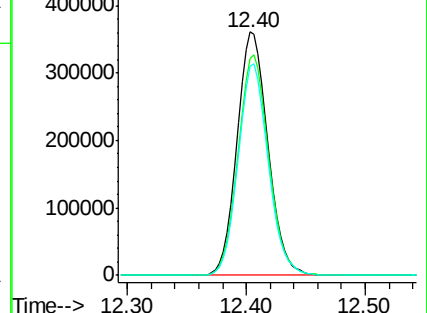
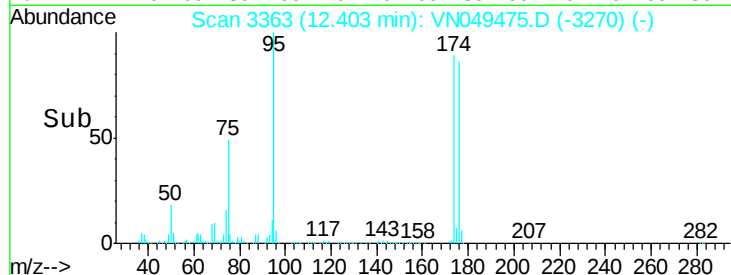
176 84.8 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049475.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049475.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049475.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

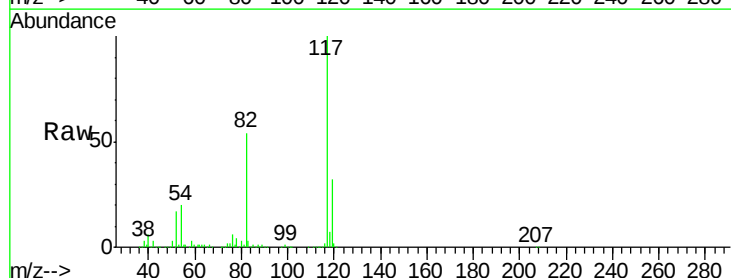
Tgt Ion: 117 Resp: 1563854

Ion Ratio Lower Upper

117 100

82 54.2 45.9 68.9

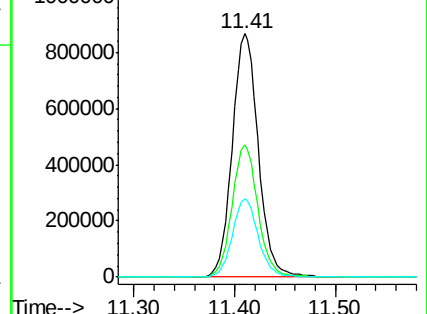
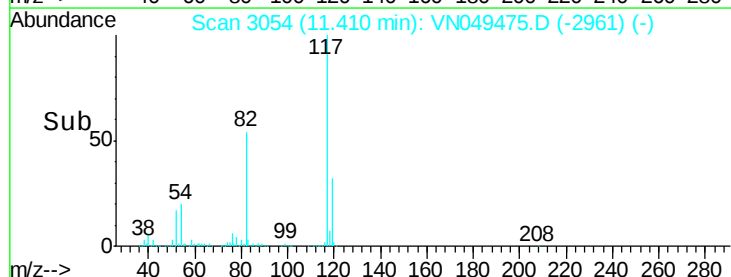
119 32.2 25.5 38.3

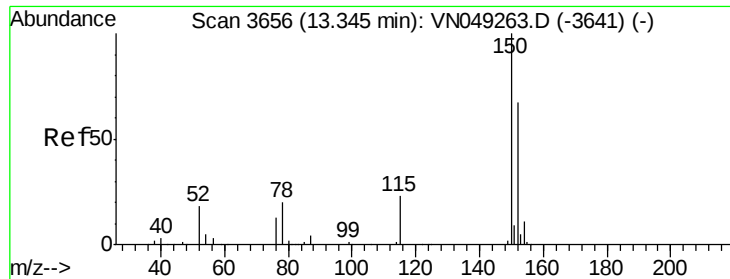


Abundance Ion 116.90 (116.60 to 117.60): VN049475.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049475.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049475.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

Instrument :

MSVOA_N

ClientSampleId :

PB110441ZHE#06

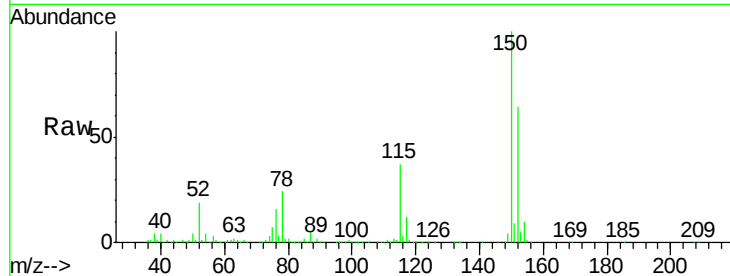
Tot Ion:152 Resp: 427711

Ion Ratio Lower Upper

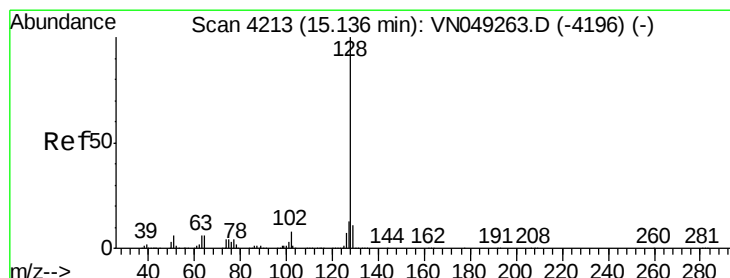
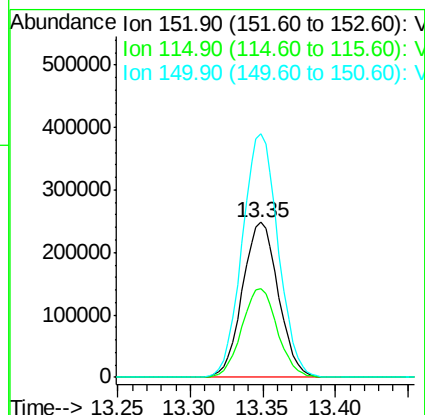
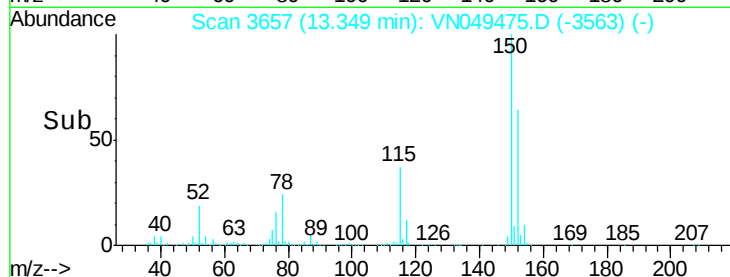
152 100

115 57.0 28.7 86.1

150 156.6 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: 3.58 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN049475.D

Acq: 21 Jun 2018 18:19

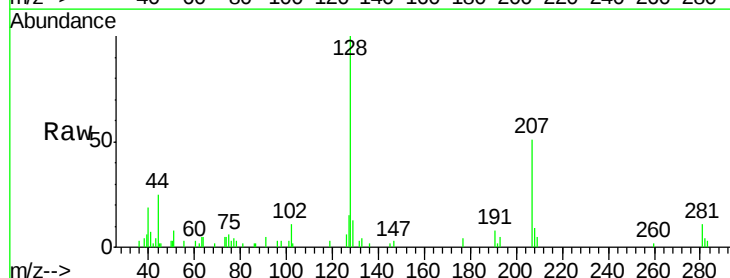
Tgt Ion:128 Resp: 17810

Ion Ratio Lower Upper

128 100

127 11.9 10.6 16.0

129 13.4 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

