

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070518\
 Data File : VN049720.D
 Acq On : 5 Jul 2018 18:17
 Operator : MD\SY
 Sample : PB110828ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110828ZHE#07

Quant Time: Jul 06 02:18:12 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

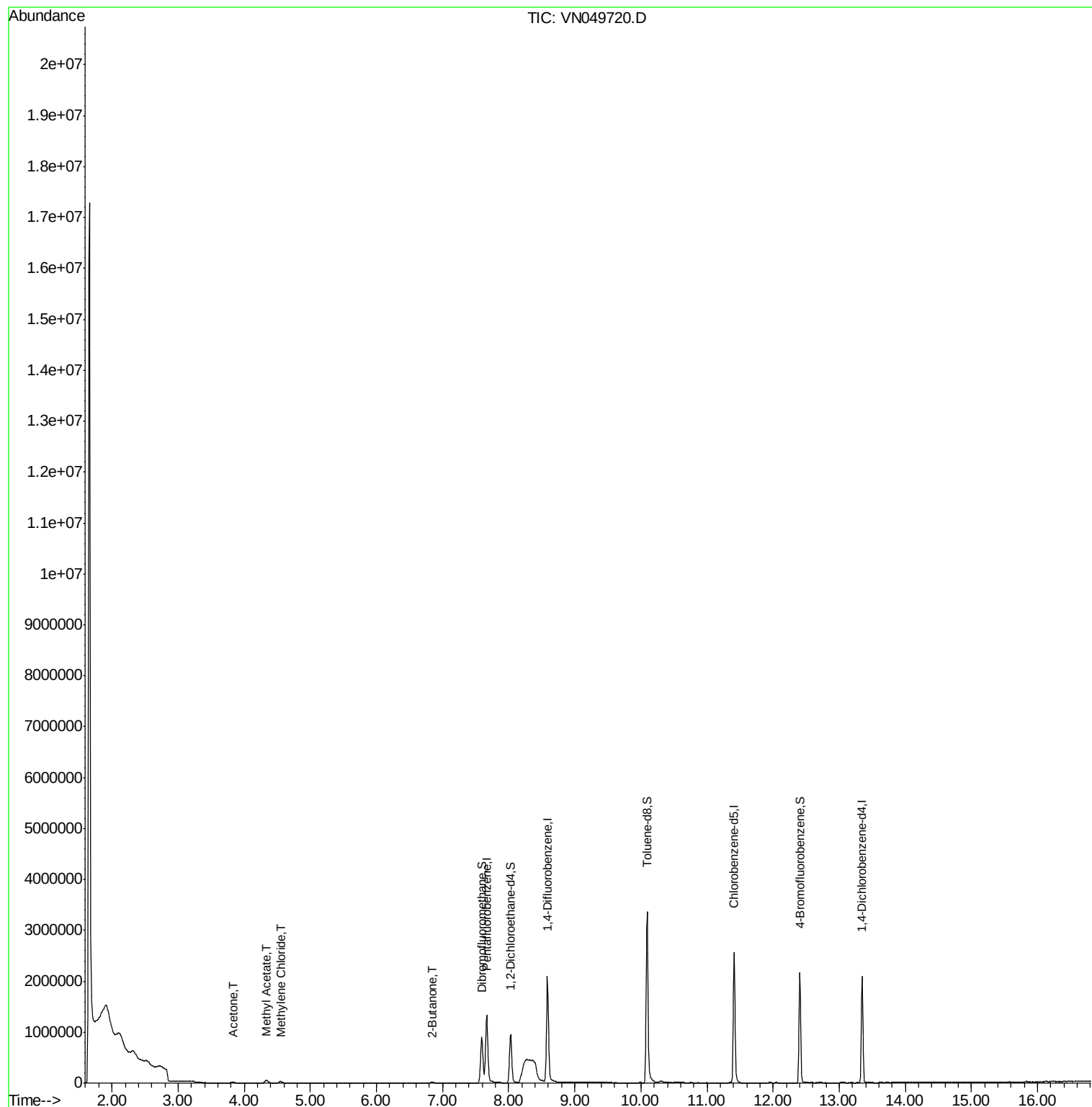
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1179890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1985502	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1609298	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	604017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	839597	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
35) Dibromofluoromethane	7.59	113	684969	46.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.30%	
50) Toluene-d8	10.09	98	2604235	44.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.64%	
62) 4-Bromofluorobenzene	12.40	95	745050	37.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.12%	
Target Compounds						
16) Acetone	3.83	43	33688	2.867	ug/l	95
18) Methyl Acetate	4.33	43	94913	1.605	ug/l	98
20) Methylene Chloride	4.55	84	20362	1.269	ug/l	94
25) 2-Butanone	6.85	43	8418	1.627	ug/l	100

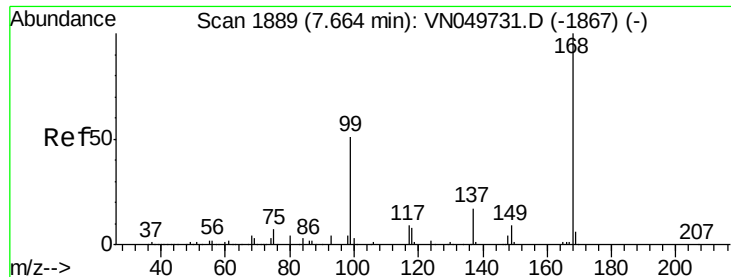
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049720.D

Acq: 5 Jul 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

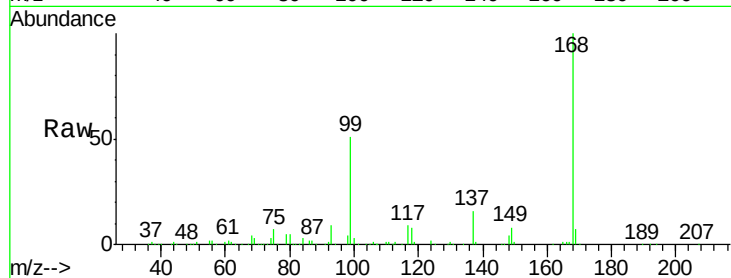
PB110828ZHE#07

Tot Ion:168 Resp: 1179890

Ion Ratio Lower Upper

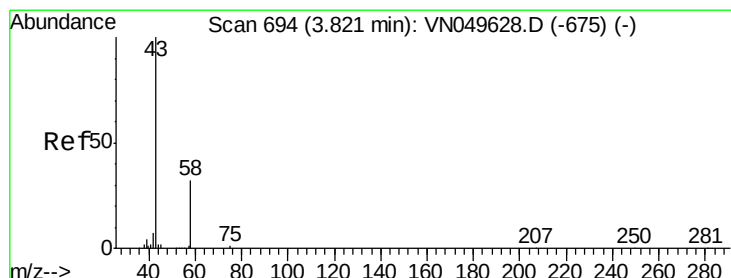
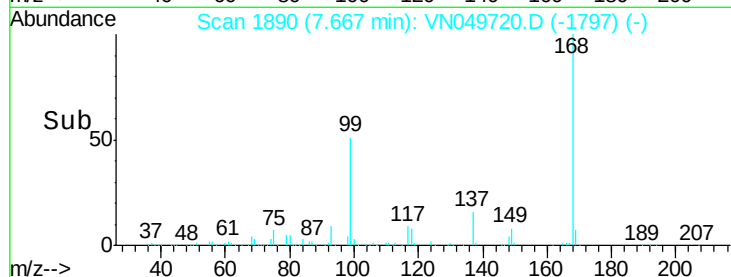
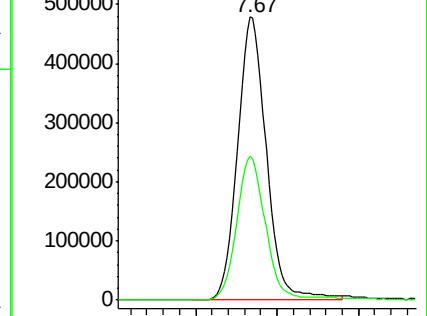
168 100

99 50.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 2.867 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049720.D

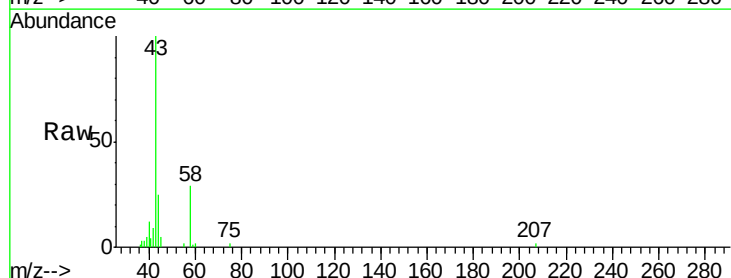
Acq: 5 Jul 2018 18:17

Tgt Ion: 43 Resp: 33688

Ion Ratio Lower Upper

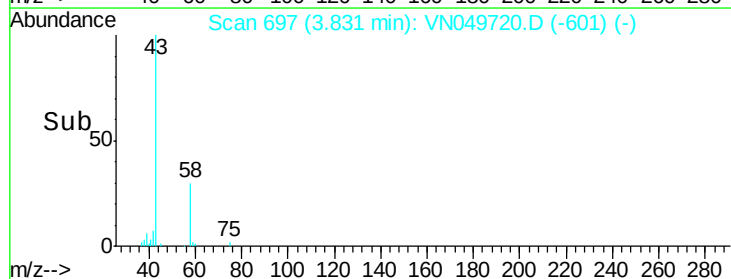
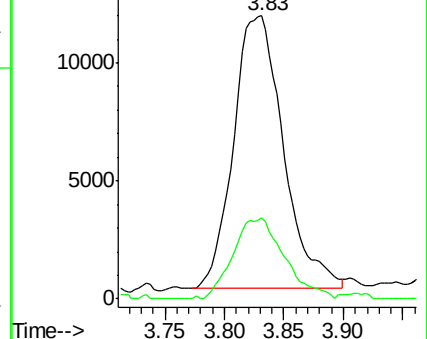
43 100

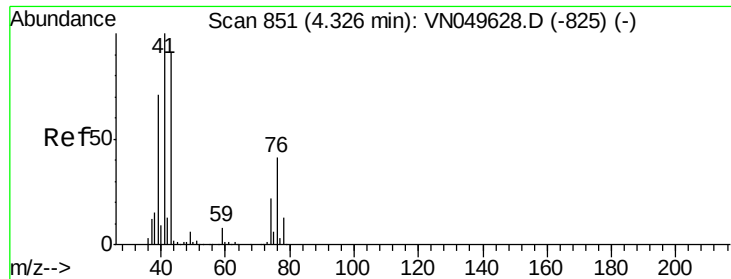
58 29.7 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

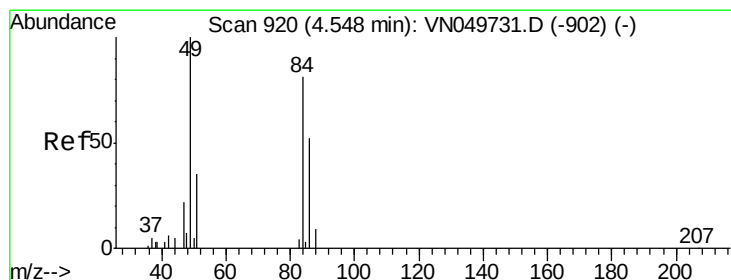
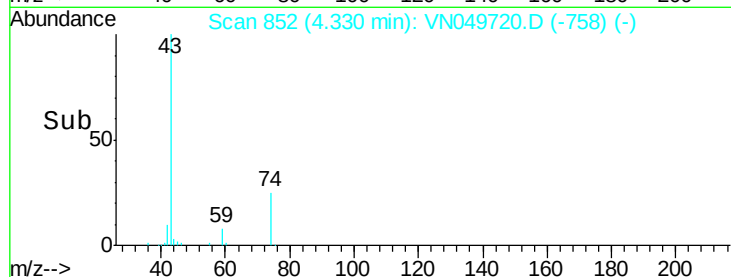
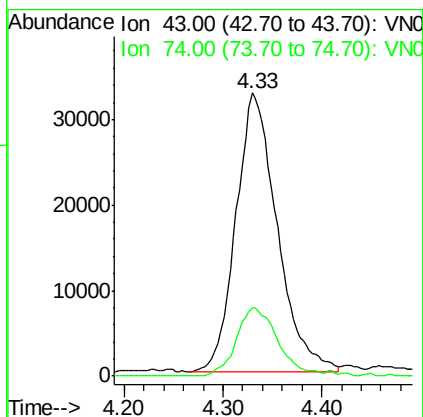
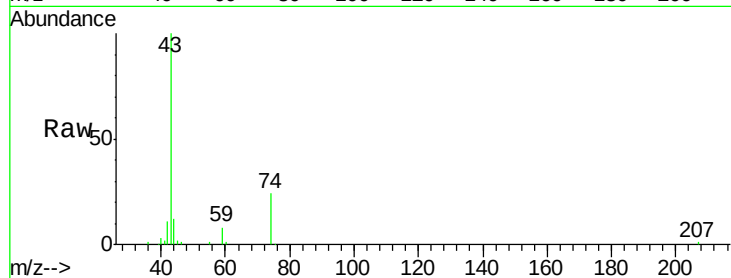




#18
Methvl Acetate
Concen: 1.605 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049720.D
Acq: 5 Jul 2018 18:17

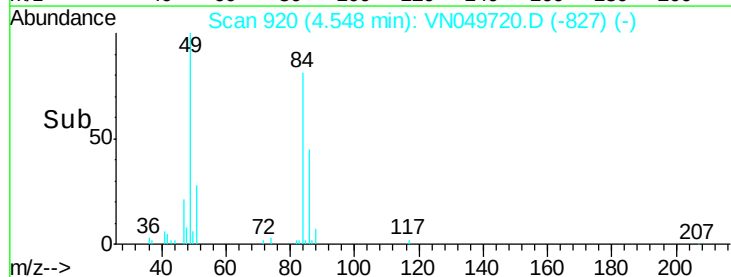
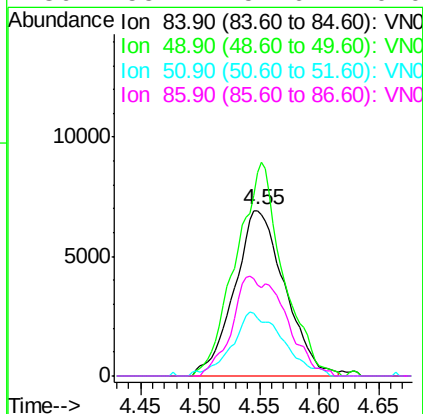
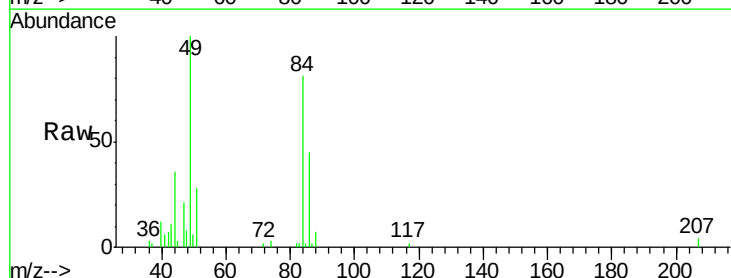
Instrument :
MSVOA_N
ClientSampleId :
PB110828ZHE#07

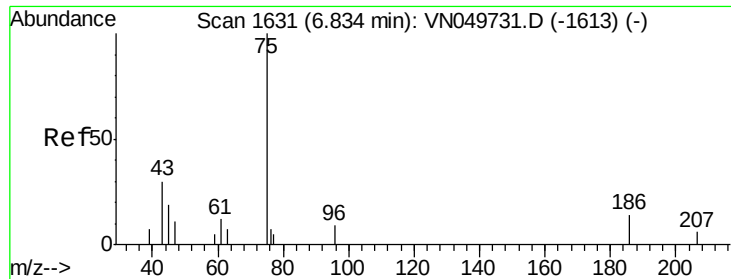
Tot Ion: 43 Resp: 94913
Ion Ratio Lower Upper
43 100
74 24.0 19.8 29.8



#20
Methylene Chloride
Concen: 1.269 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049720.D
Acq: 5 Jul 2018 18:17

Tgt Ion: 84 Resp: 20362
Ion Ratio Lower Upper
84 100
49 122.8 95.4 143.2
51 35.0 28.4 42.6
86 55.1 52.6 79.0





#25

2-Butanone

Concen: 1.627 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049720.D

Acq: 5 Jul 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

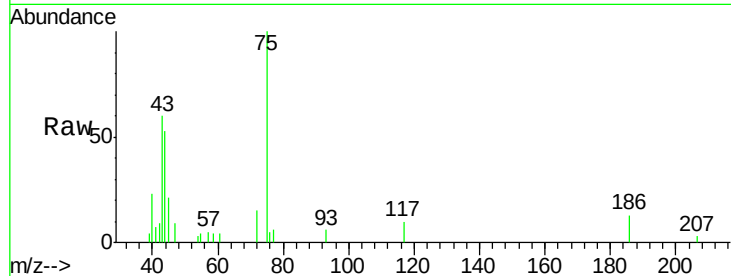
PB110828ZHE#07

Tot Ion: 43 Resp: 8418

Ion Ratio Lower Upper

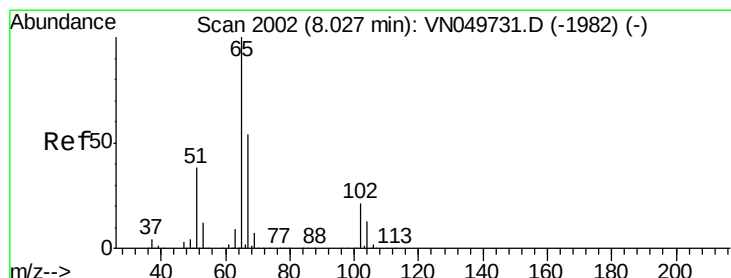
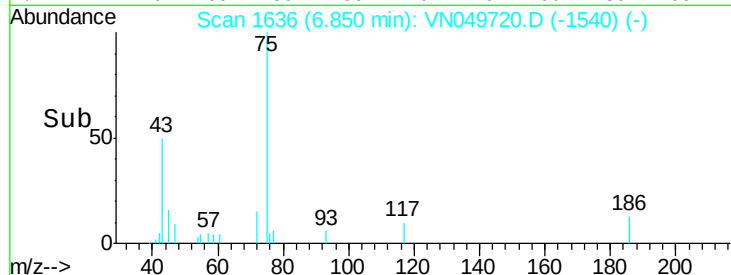
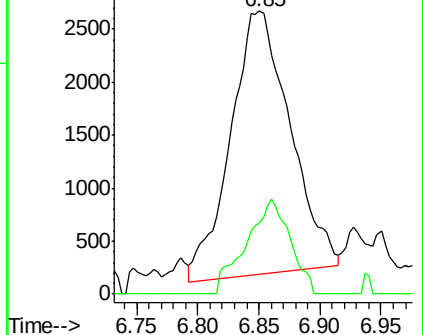
43 100

72 27.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN049720.D (-1540) (-)

Ion 72.00 (71.70 to 72.70): VN049720.D (-1540) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.884 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049720.D

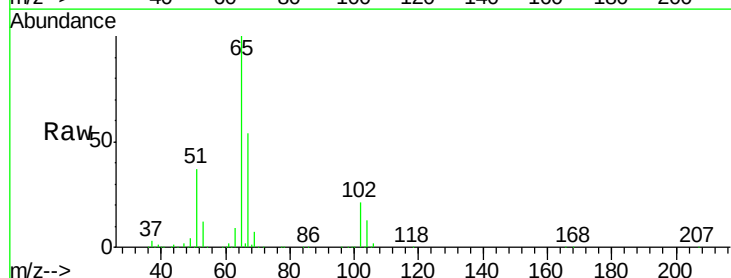
Acq: 5 Jul 2018 18:17

Tgt Ion: 65 Resp: 839597

Ion Ratio Lower Upper

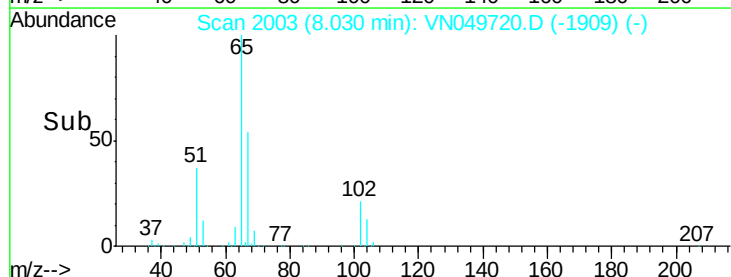
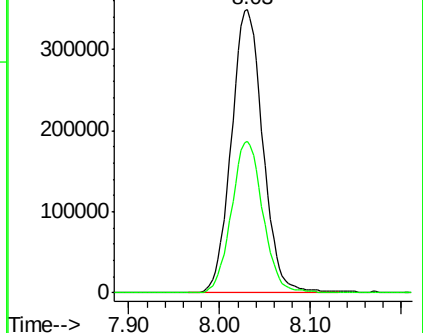
65 100

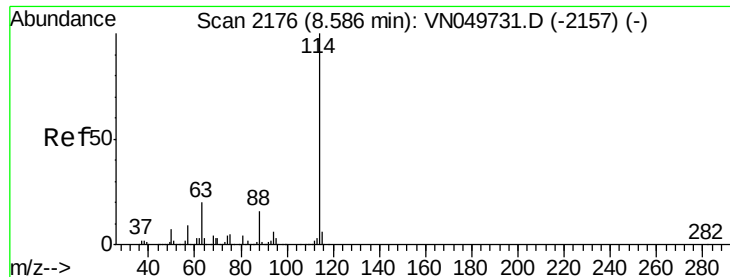
67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049720.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN049720.D (-1909) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049720.D

Acq: 5 Jul 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

PB110828ZHE#07

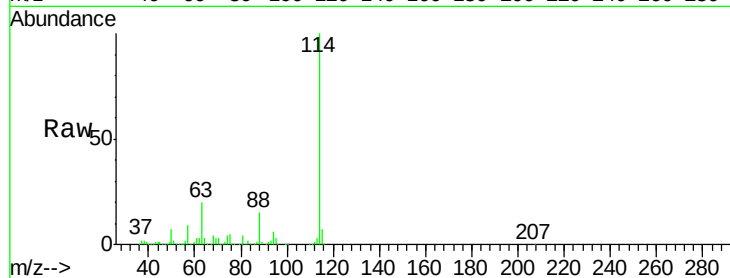
Tot Ion:114 Resp: 1985502

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.8

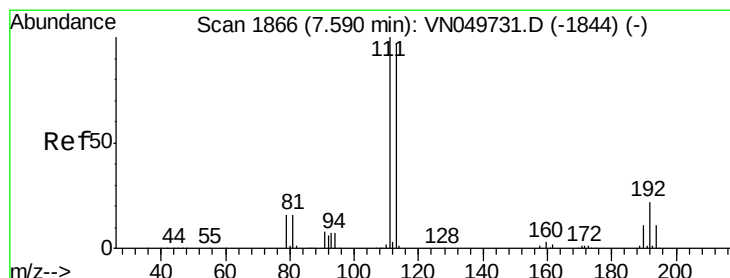
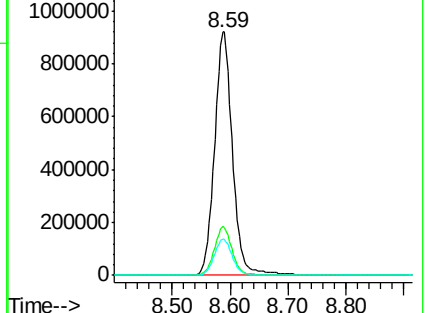
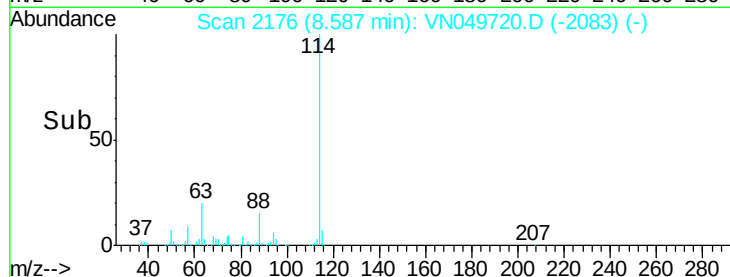
88 15.0 0.0 30.6



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: 46.145 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049720.D

Acq: 5 Jul 2018 18:17

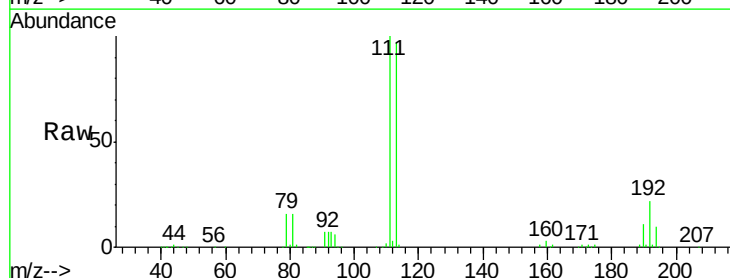
Tgt Ion:113 Resp: 684969

Ion Ratio Lower Upper

113 100

111 101.8 81.8 122.8

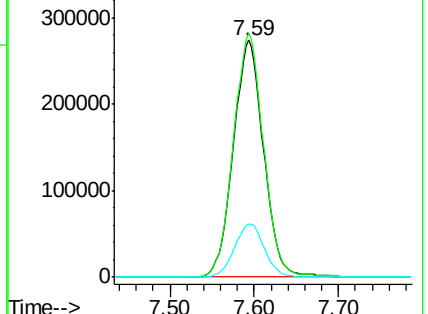
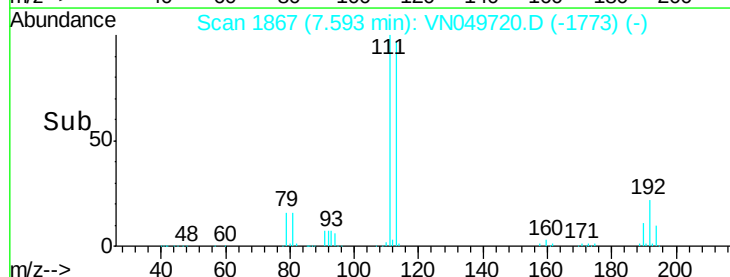
192 22.2 17.8 26.6

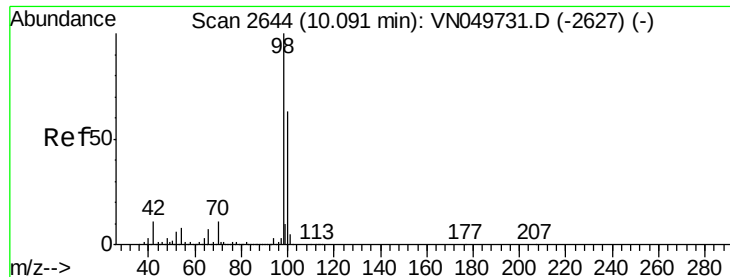


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.822 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049720.D

Acq: 5 Jul 2018 18:17

Instrument :

MSVOA_N

ClientSampleId :

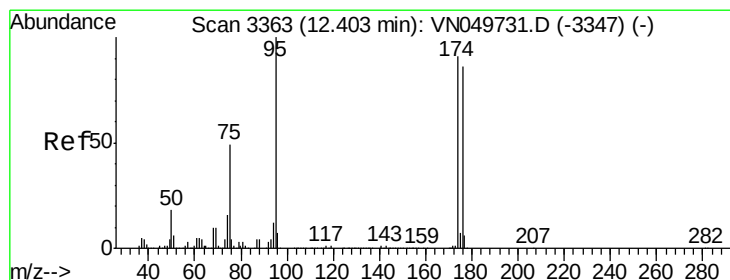
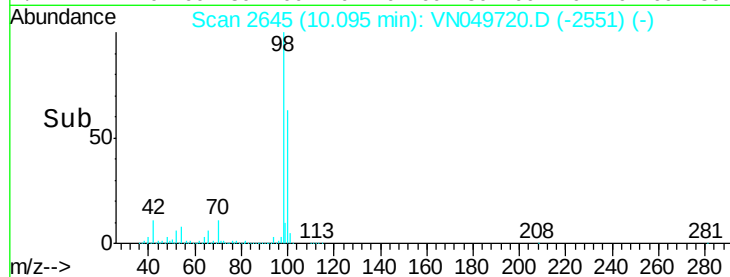
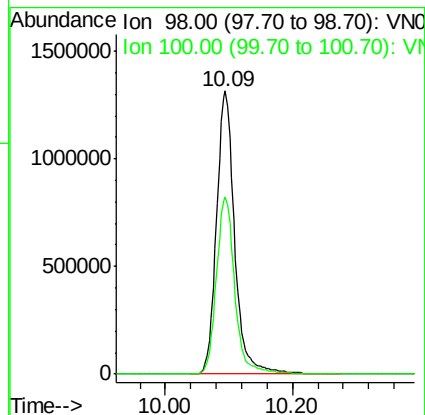
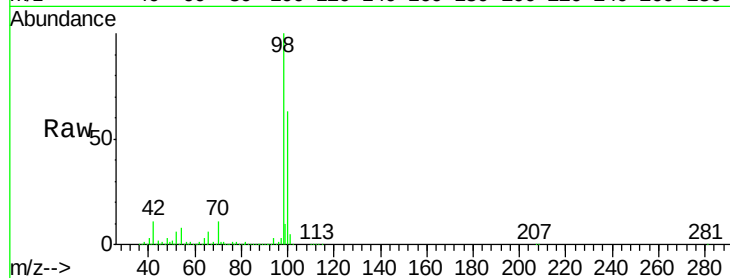
PB110828ZHE#07

Tot Ion: 98 Resp: 2604235

Ion Ratio Lower Upper

98 100

100 63.4 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 37.559 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049720.D

Acq: 5 Jul 2018 18:17

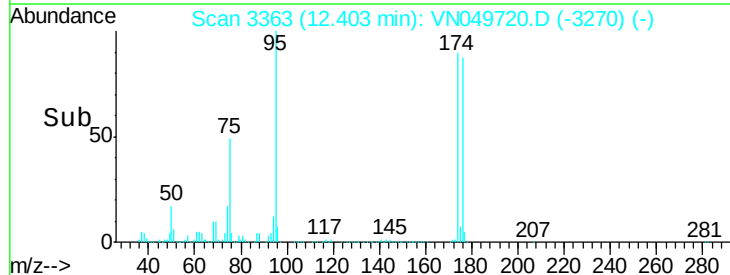
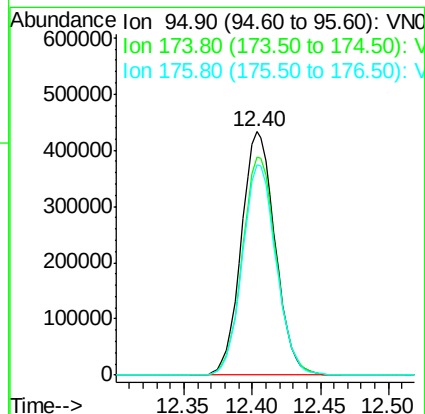
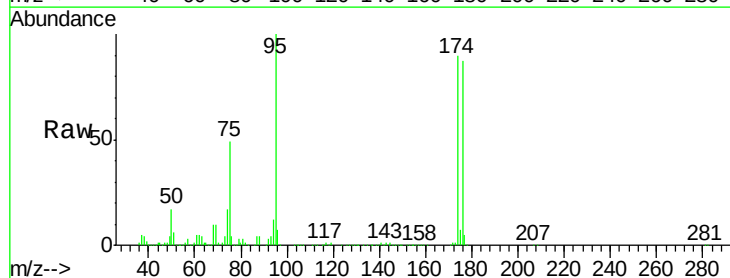
Tgt Ion: 95 Resp: 745050

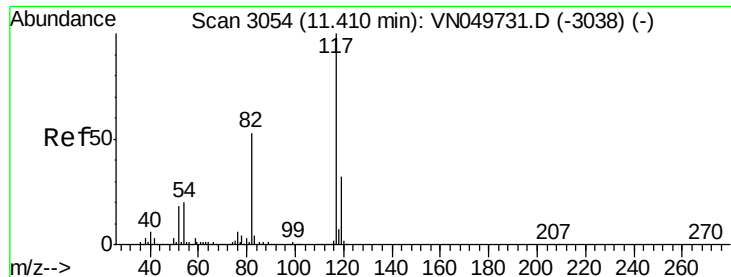
Ion Ratio Lower Upper

95 100

174 89.9 0.0 179.6

176 86.2 0.0 174.0

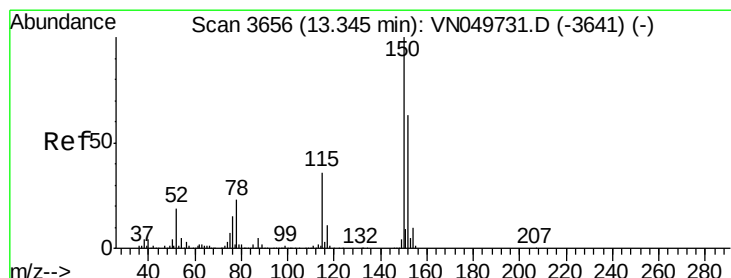
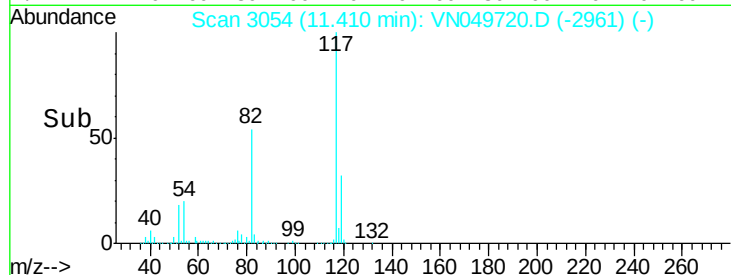
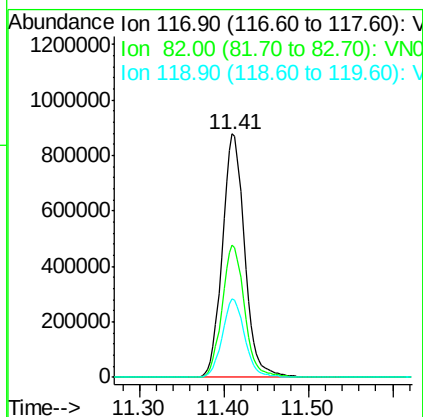
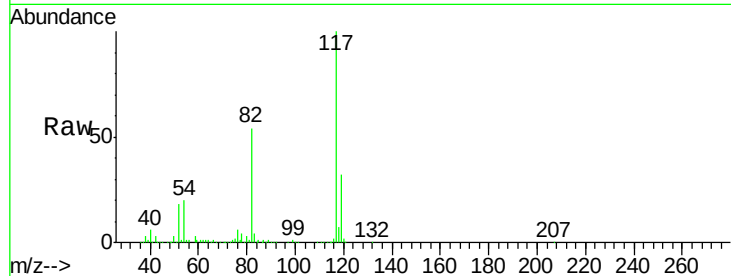




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049720.D
Acq: 5 Jul 2018 18:17

Instrument :
MSVOA_N
ClientSampleId :
PB110828ZHE#07

Tot Ion:117 Resp: 1609298
Ion Ratio Lower Upper
117 100
82 54.3 41.9 62.9
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049720.D
Acq: 5 Jul 2018 18:17

Tgt Ion:152 Resp: 604017
Ion Ratio Lower Upper
152 100
115 55.2 28.1 84.2
150 156.3 0.0 347.6

