

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049734.D
 Acq On : 6 Jul 2018 13:11
 Operator : MD\SY
 Sample : J3840-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-D

Quant Time: Jul 06 14:34:19 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

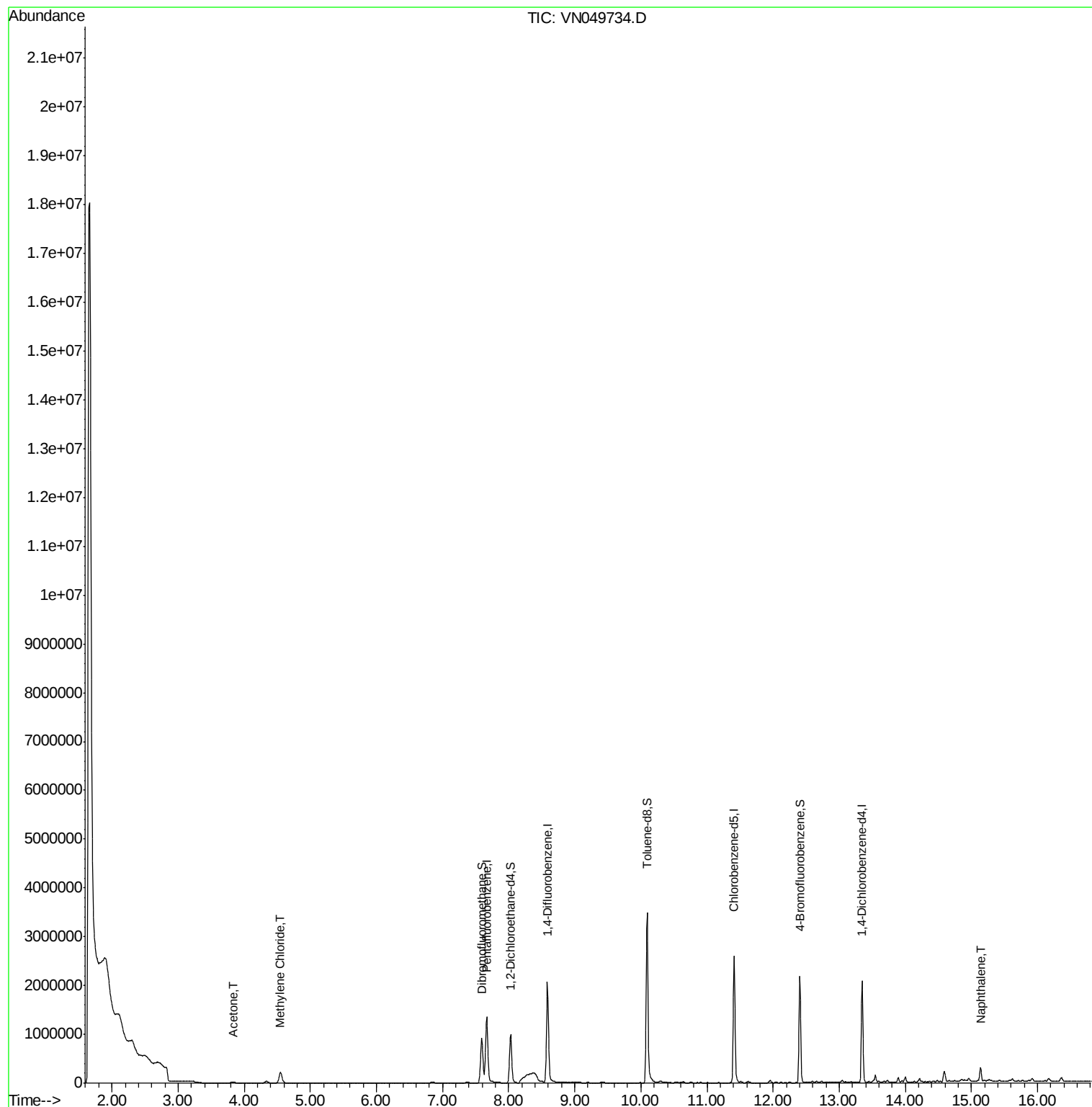
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1173386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1984533	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1649434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	594865	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	855152	55.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.38%	
35) Dibromofluoromethane	7.59	113	705539	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	10.09	98	2669448	45.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.94%	
62) 4-Bromofluorobenzene	12.40	95	761148	38.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.78%	
Target Compounds						
16) Acetone	3.83	43	40936	5.335	ug/l	99
20) Methylene Chloride	4.55	84	166238	10.418	ug/l	96
95) Naphthalene	15.14	128	262499	14.028	ug/l	99

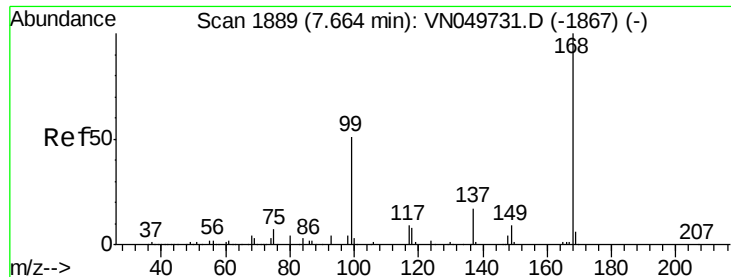
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049734.D

Acq: 6 Jul 2018 13:11

Instrument :

MSVOA_N

ClientSampleId :

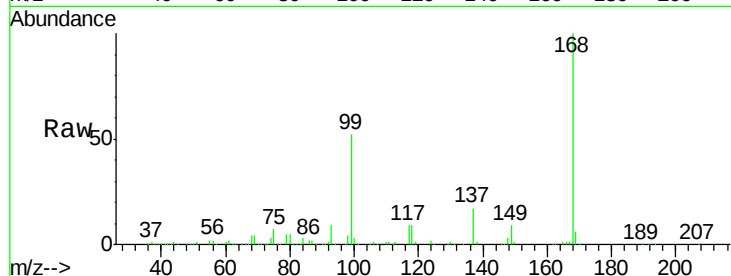
TP-6-D

Tot Ion:168 Resp: 1173386

Ion Ratio Lower Upper

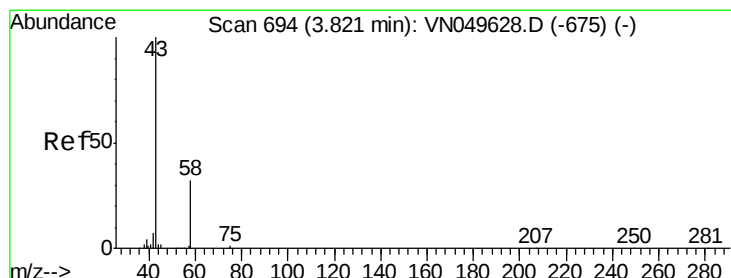
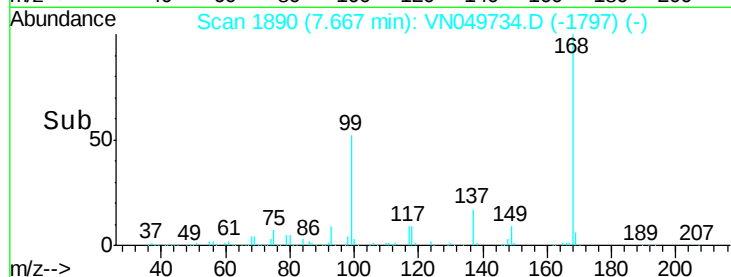
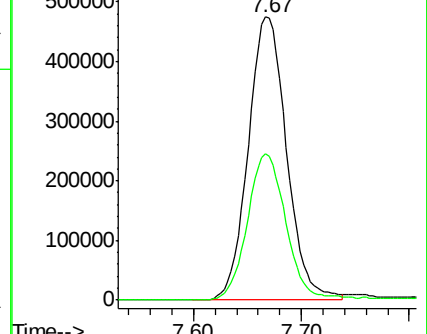
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.335 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN049734.D

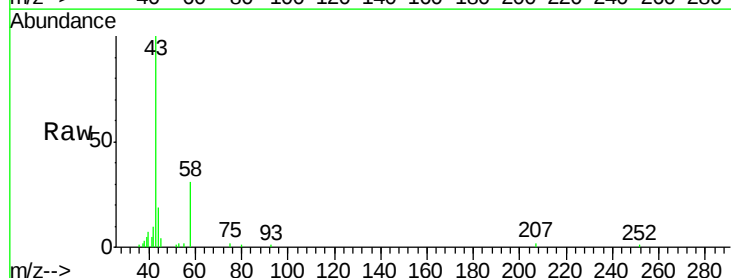
Acq: 6 Jul 2018 13:11

Tgt Ion: 43 Resp: 40936

Ion Ratio Lower Upper

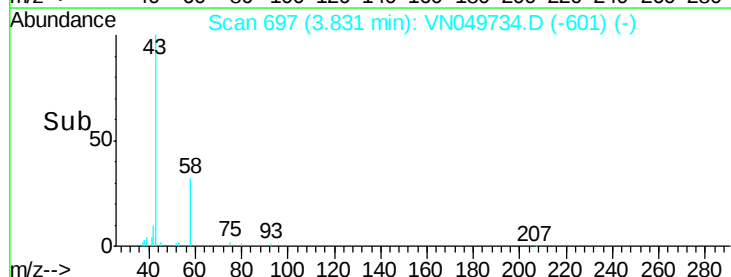
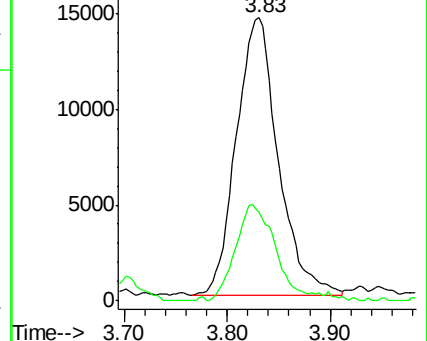
43 100

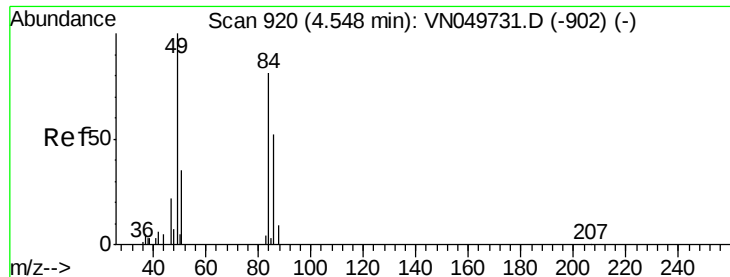
58 31.9 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

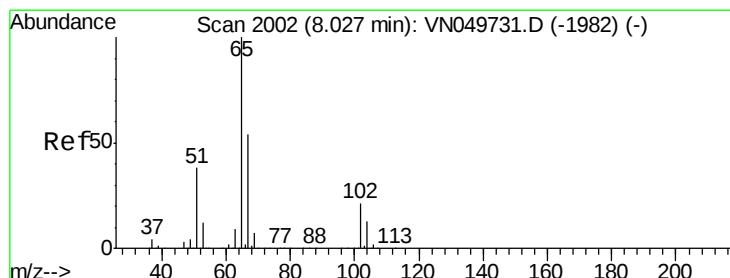
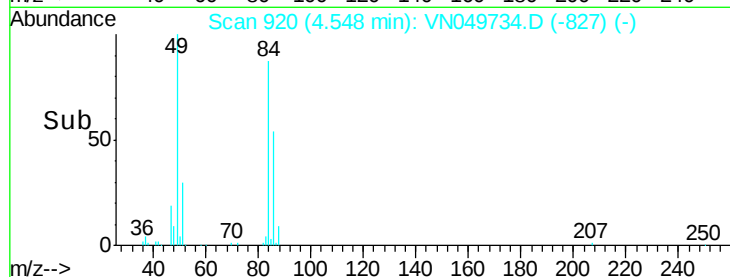
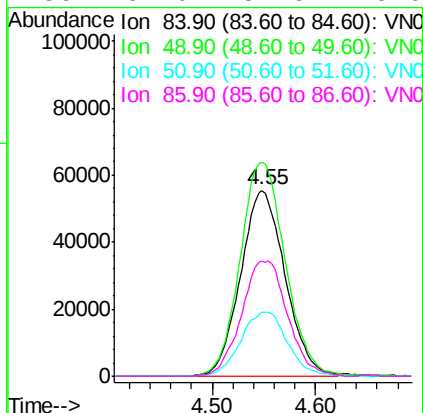
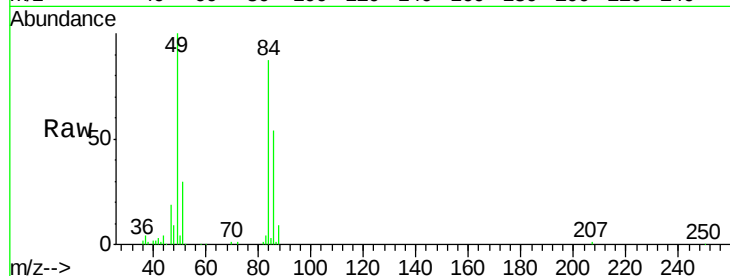




#20
Methylene Chloride
Concen: 10.418 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049734.D
Acq: 6 Jul 2018 13:11

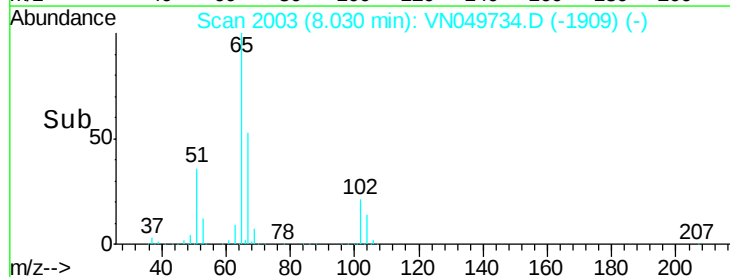
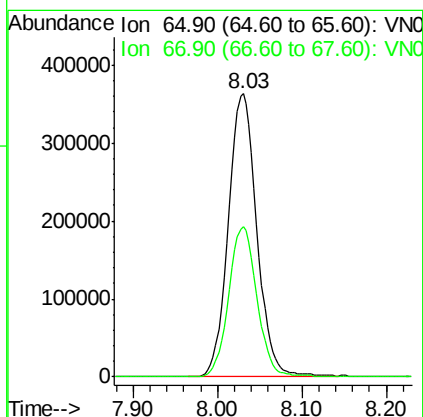
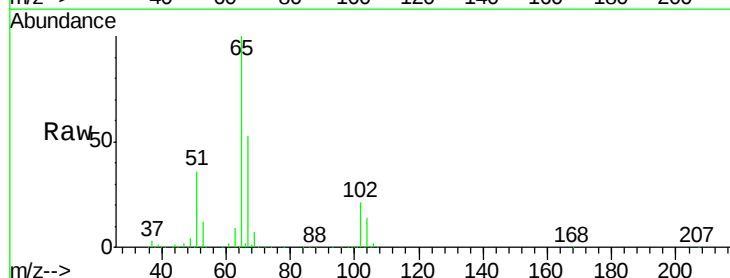
Instrument :
MSVOA_N
ClientSampleID :
TP-6-D

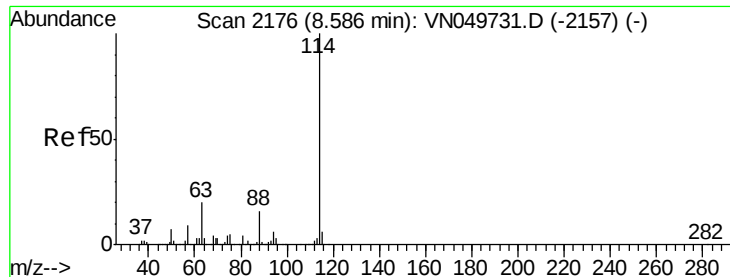
Tot Ion: 84 Resp: 166238
Ion Ratio Lower Upper
84 100
49 114.9 95.4 143.2
51 34.3 28.4 42.6
86 62.0 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 55.186 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049734.D
Acq: 6 Jul 2018 13:11

Tgt Ion: 65 Resp: 855152
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.2

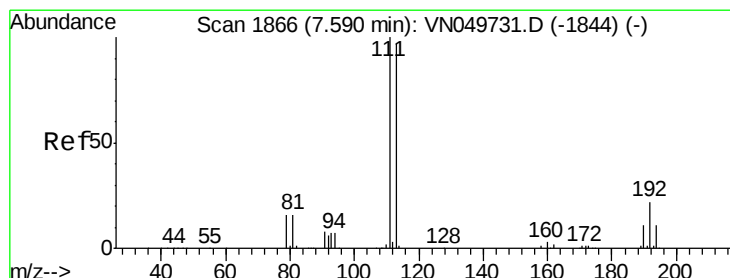
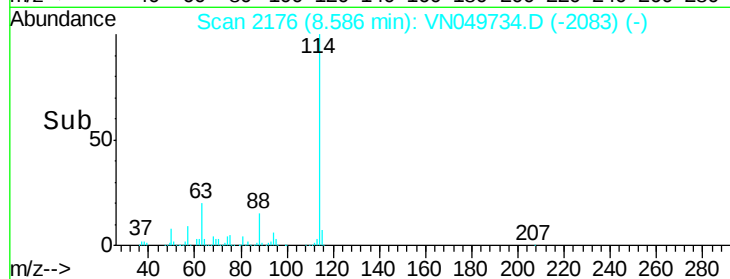
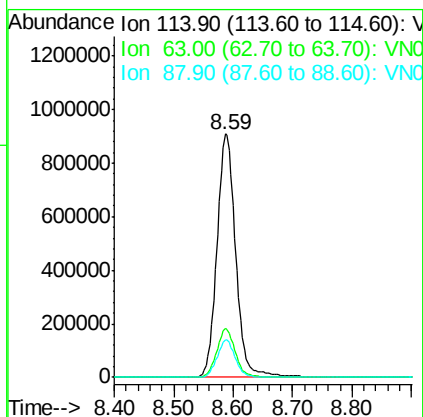
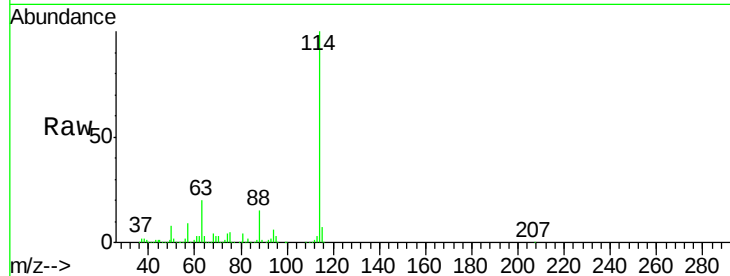




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN049734.D
 Acq: 6 Jul 2018 13:11

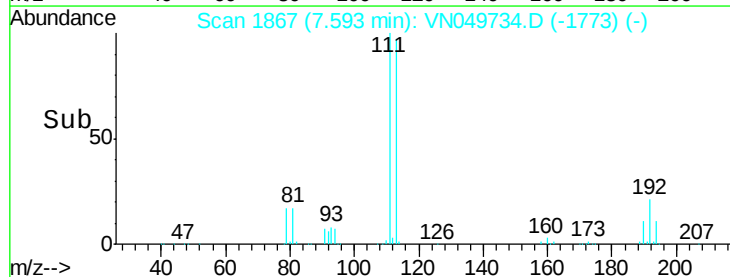
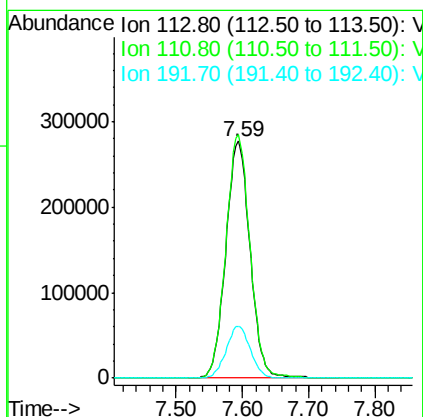
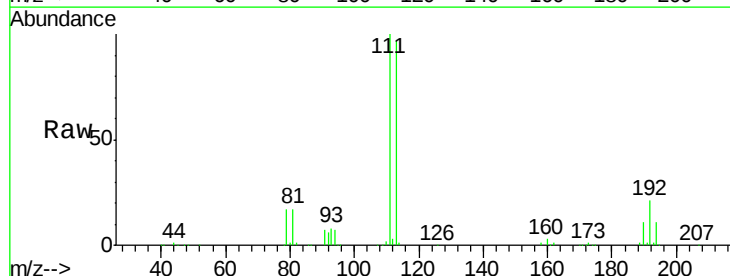
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-D

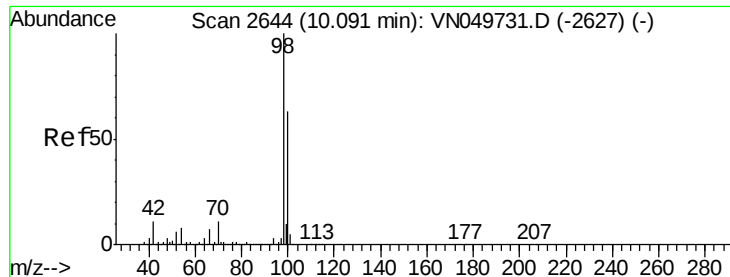
Tot Ion:114 Resp: 1984533
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 30.6



#35
 Dibromofluoromethane
 Concen: 47.554 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049734.D
 Acq: 6 Jul 2018 13:11

Tgt Ion:113 Resp: 705539
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.8
 192 21.8 17.8 26.6





#50

Toluene-d8

Concen: 45.967 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049734.D

Acq: 6 Jul 2018 13:11

Instrument :

MSVOA_N

ClientSampled :

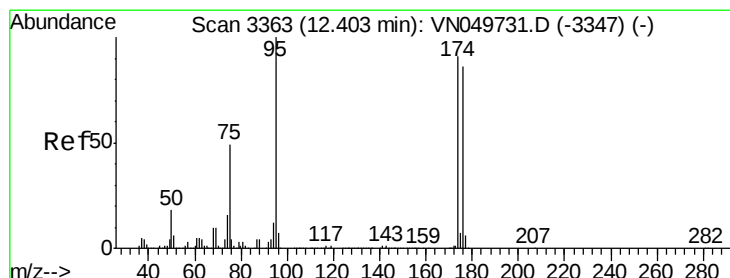
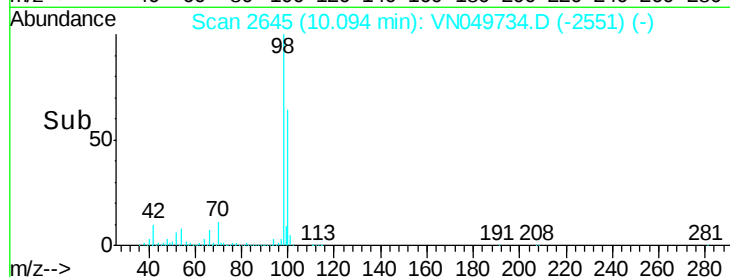
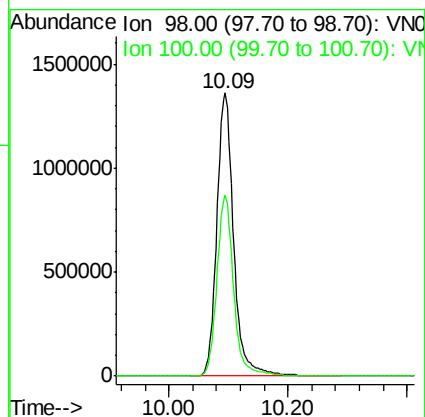
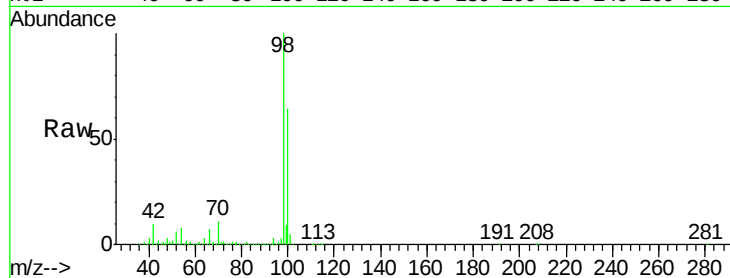
TP-6-D

Tot Ion: 98 Resp: 2669448

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 38.390 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049734.D

Acq: 6 Jul 2018 13:11

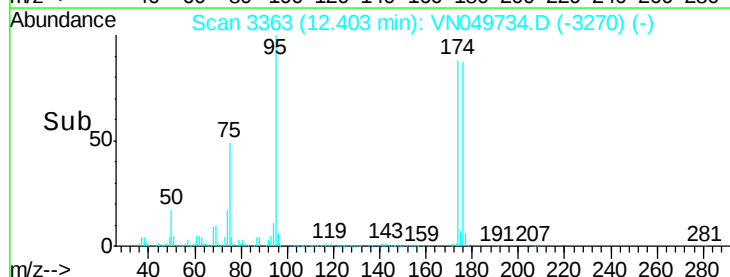
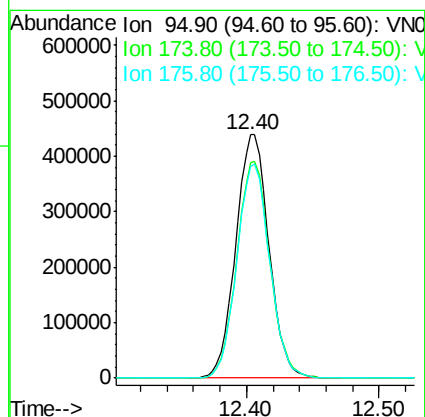
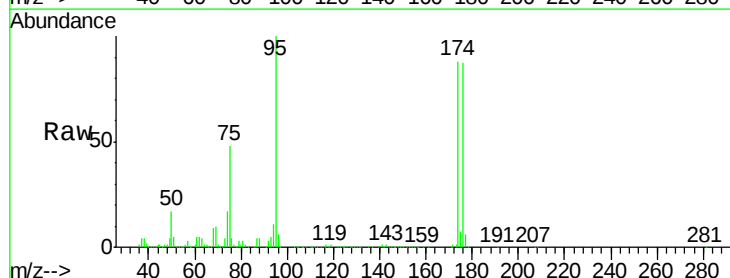
Tgt Ion: 95 Resp: 761148

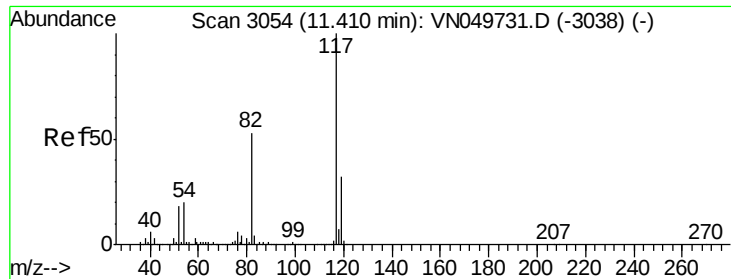
Ion Ratio Lower Upper

95 100

174 89.0 0.0 179.6

176 87.4 0.0 174.0

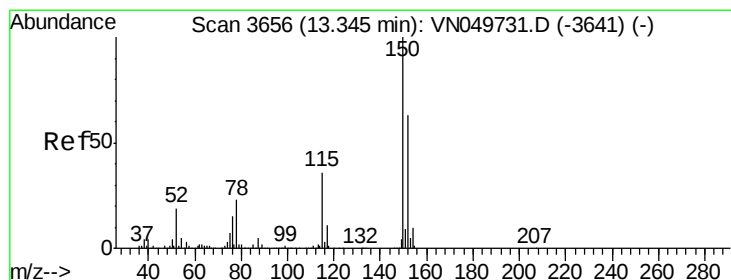
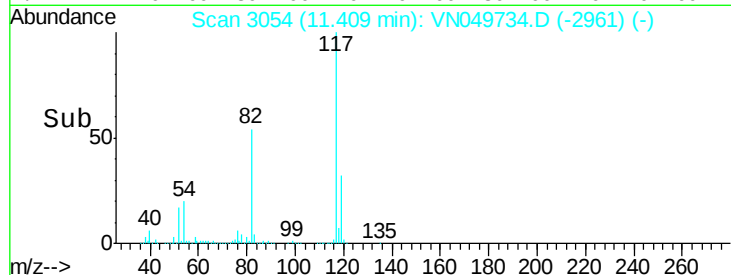
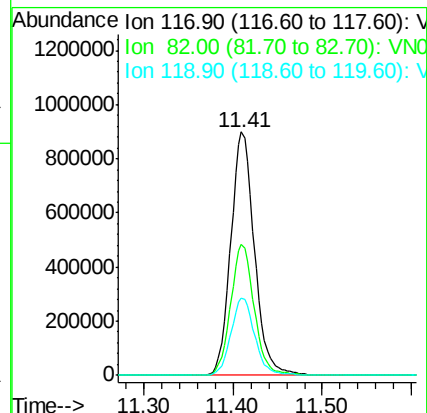
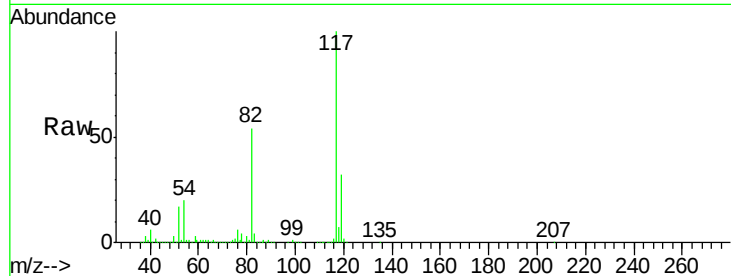




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049734.D
Acq: 6 Jul 2018 13:11

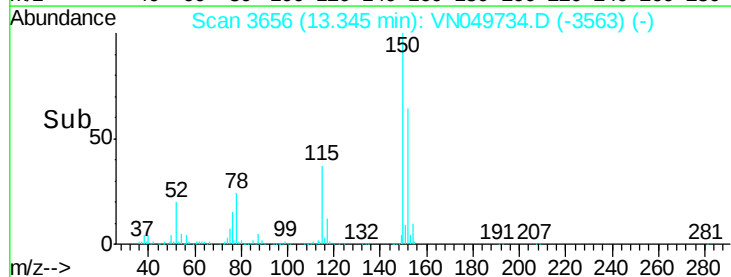
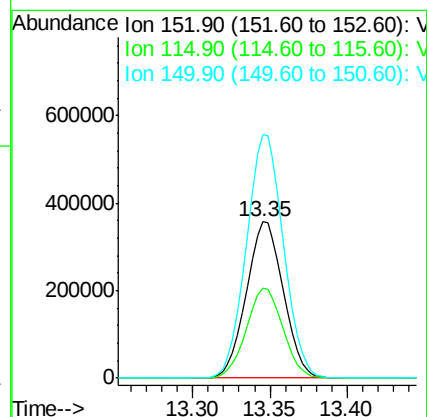
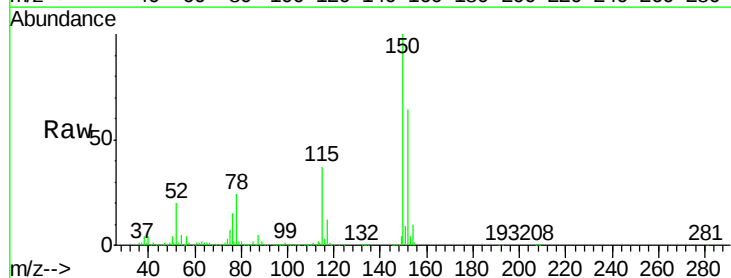
Instrument :
MSVOA_N
ClientSampleId :
TP-6-D

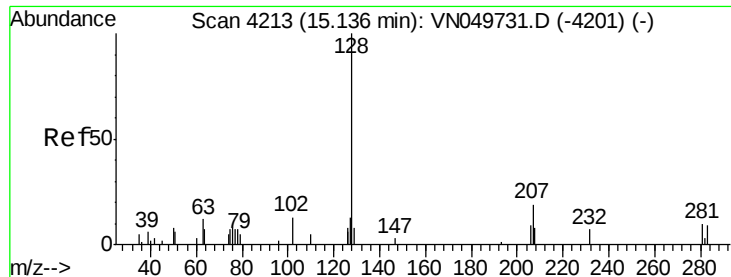
Tot Ion:117 Resp: 1649434
Ion Ratio Lower Upper
117 100
82 53.9 41.9 62.9
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049734.D
Acq: 6 Jul 2018 13:11

Tgt Ion:152 Resp: 594865
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 156.1 0.0 347.6





#95

Naphthalene

Concen: 14.028 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049734.D

Acq: 6 Jul 2018 13:11

Instrument :

MSVOA_N

ClientSampleId :

TP-6-D

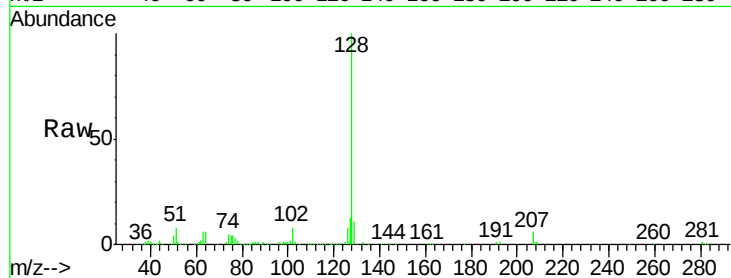
Tot Ion:128 Resp: 262499

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

129 10.3 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

