

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070618\
 Data File : VN049736.D
 Acq On : 6 Jul 2018 14:03
 Operator : MD\SY
 Sample : J3840-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4-D

Quant Time: Jul 06 14:46:03 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

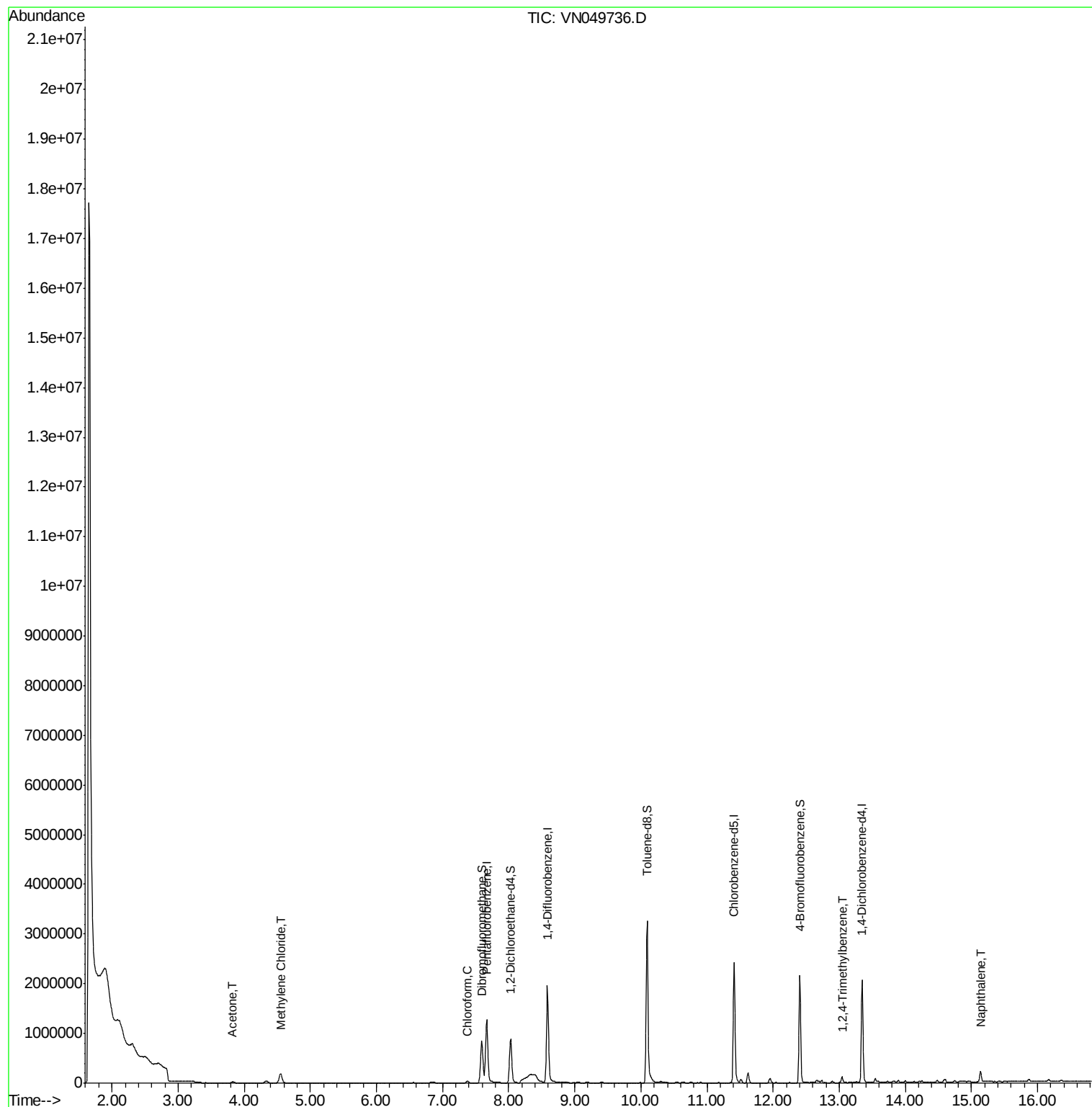
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1145342	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1841947	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1545047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	600207	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	799359	52.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.70%	
35) Dibromofluoromethane	7.59	113	655124	47.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.14%	
50) Toluene-d8	10.09	98	2505062	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
62) 4-Bromofluorobenzene	12.40	95	726976	39.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.00%	
Target Compounds						
16) Acetone	3.82	43	37655	4.552	ug/l	100
20) Methylene Chloride	4.55	84	146044	9.377	ug/l	99
30) Chloroform	7.37	83	42816	1.595	ug/l	93
84) 1,2,4-Trimethylbenzene	13.04	105	64485	1.580	ug/l	99
95) Naphthalene	15.14	128	186982	11.091	ug/l	100

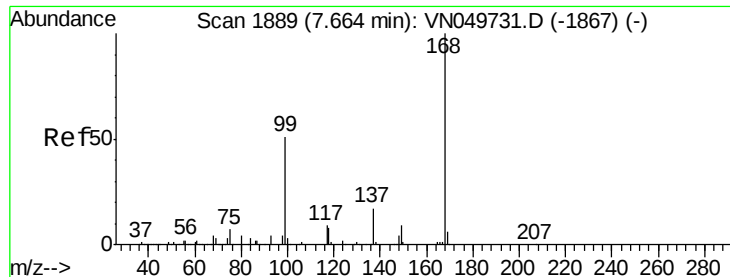
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049736.D

Acq: 6 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampled :

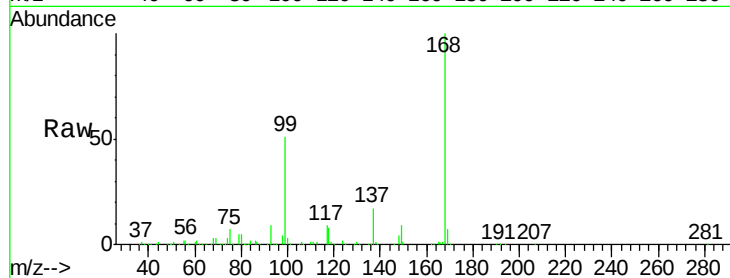
TP-4-D

Tot Ion:168 Resp: 1145342

Ion Ratio Lower Upper

168 100

99 50.9 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

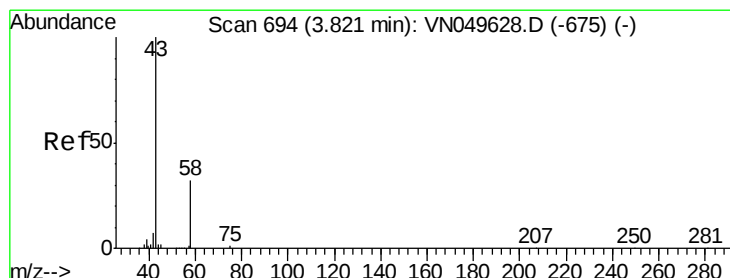
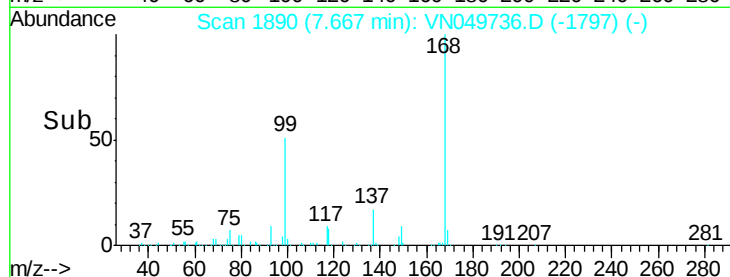
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 4.552 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN049736.D

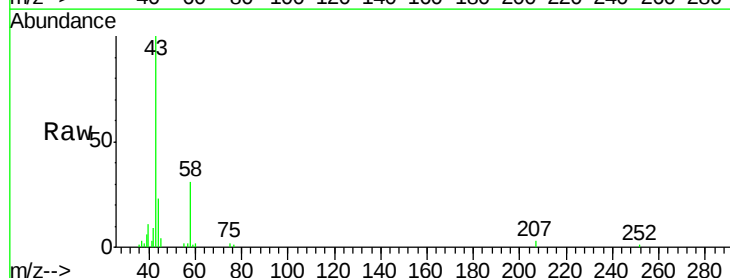
Acq: 6 Jul 2018 14:03

Tgt Ion: 43 Resp: 37655

Ion Ratio Lower Upper

43 100

58 32.3 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

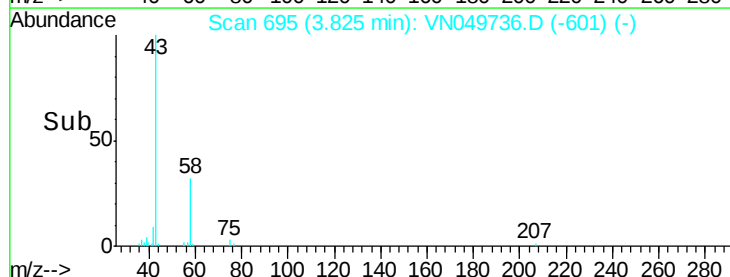
15000

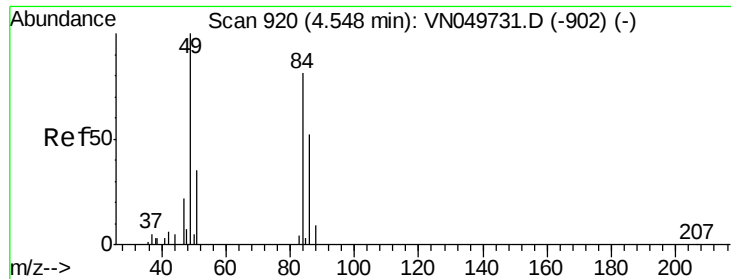
10000

5000

0

Time--> 3.70 3.80 3.90

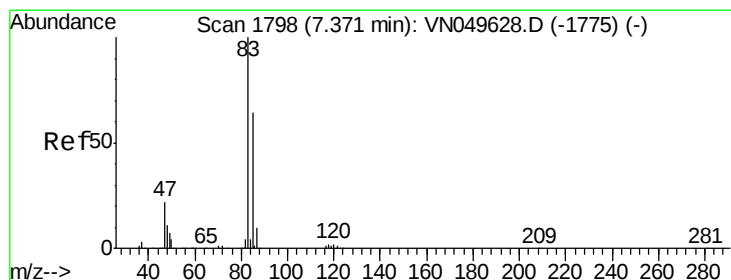
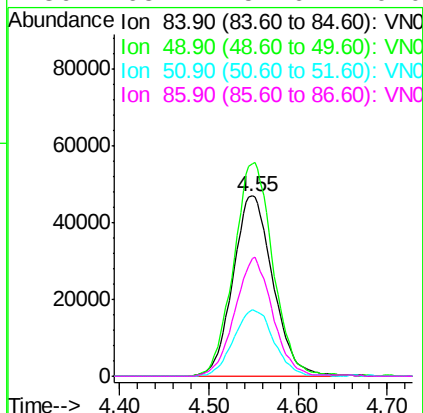
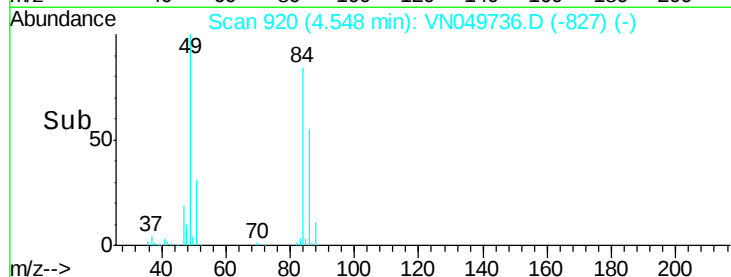
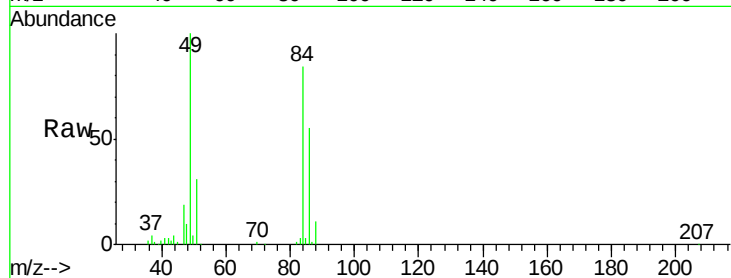




#20
Methylene Chloride
Concen: 9.377 ug/l
RT: 4.55 min Scan# 920
Delta R.T. 0.00 min
Lab File: VN049736.D
Acq: 6 Jul 2018 14:03

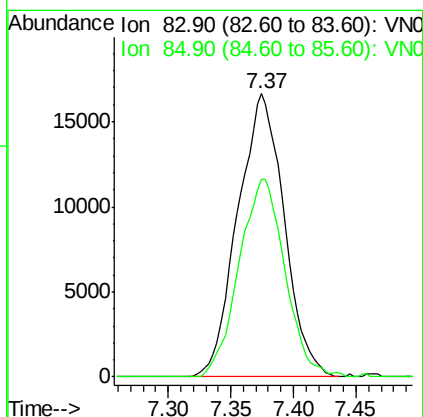
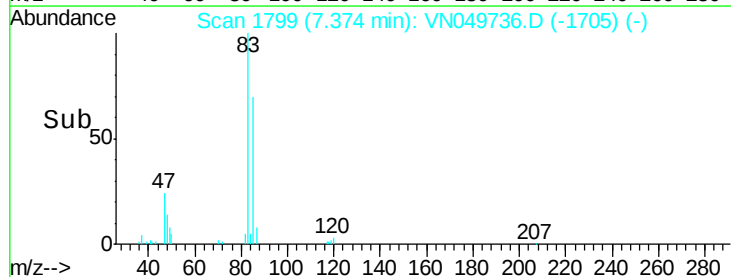
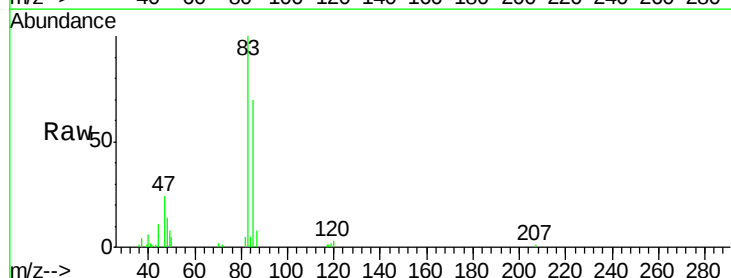
Instrument :
MSVOA_N
ClientSampled :
TP-4-D

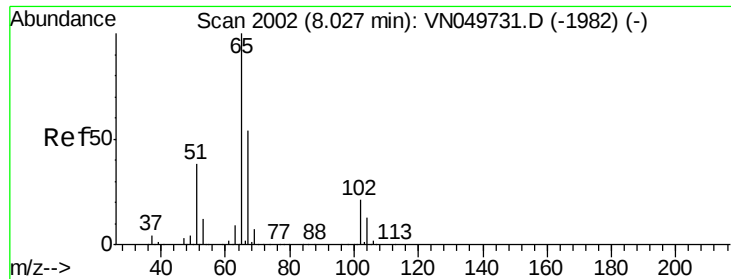
Tot Ion: 84 Resp: 146044
Ion Ratio Lower Upper
84 100
49 118.4 95.4 143.2
51 36.7 28.4 42.6
86 65.2 52.6 79.0



#30
Chloroform
Concen: 1.595 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN049736.D
Acq: 6 Jul 2018 14:03

Tgt Ion: 83 Resp: 42816
Ion Ratio Lower Upper
83 100
85 69.7 51.4 77.2





#33

1,2-Dichloroethane-d4

Concen: 52.849 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049736.D

Acq: 6 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

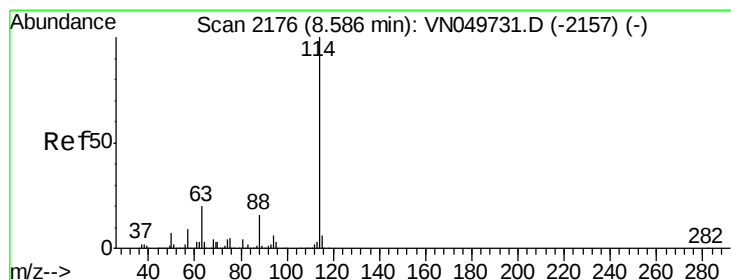
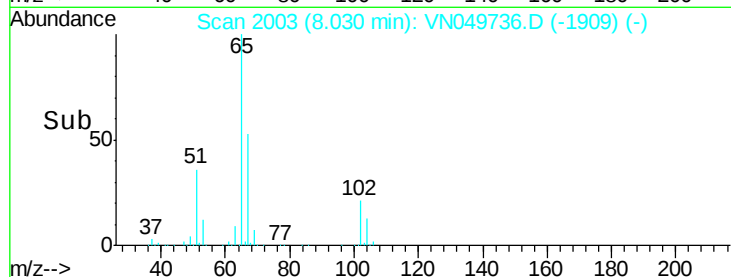
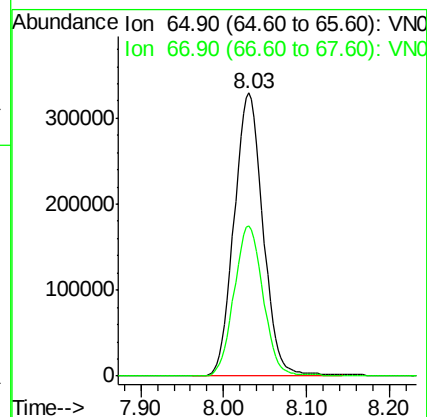
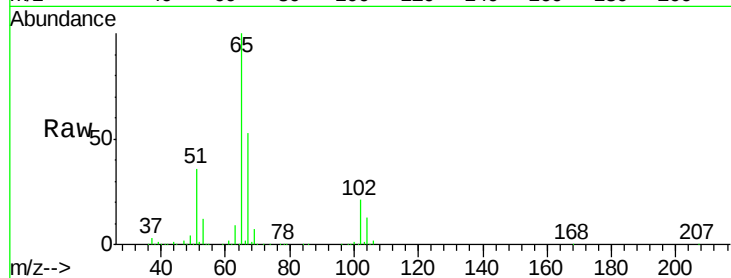
TP-4-D

Tot Ion: 65 Resp: 799359

Ion Ratio Lower Upper

65 100

67 53.6 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: VN049736.D

Acq: 6 Jul 2018 14:03

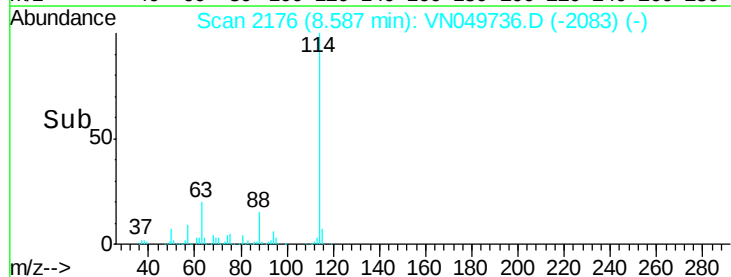
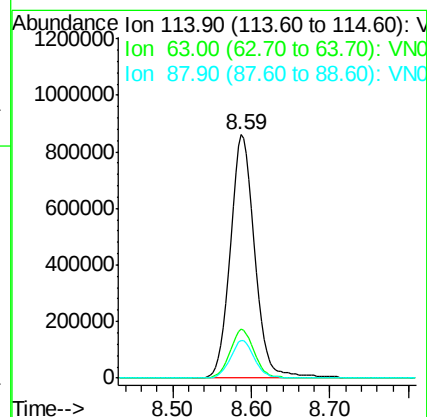
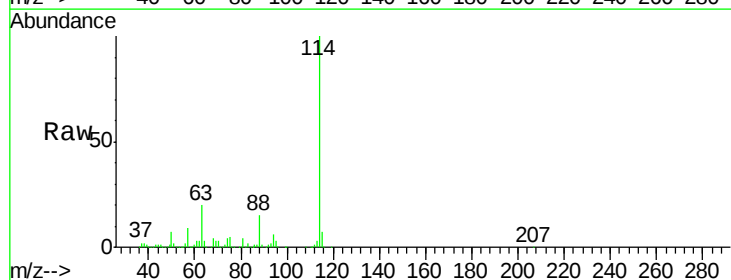
Tgt Ion: 114 Resp: 1841947

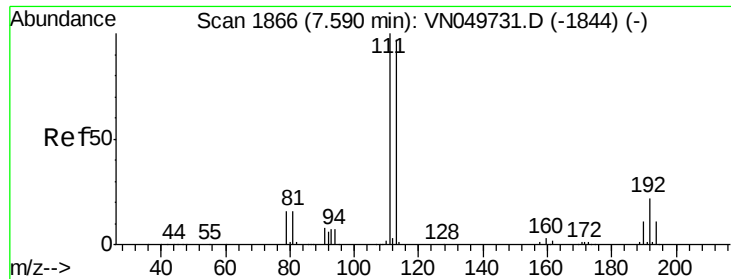
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.5 0.0 30.6

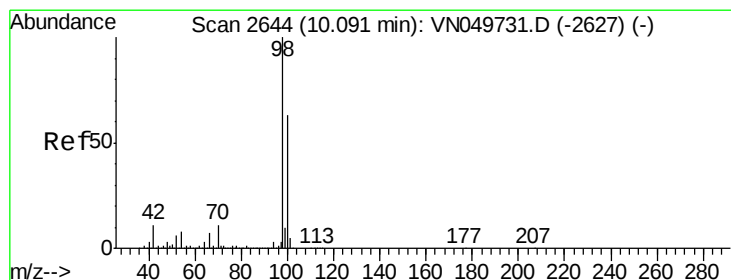
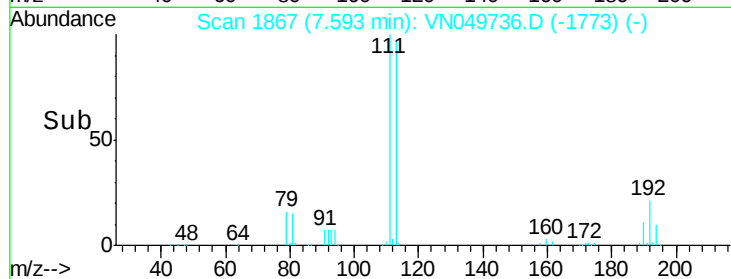
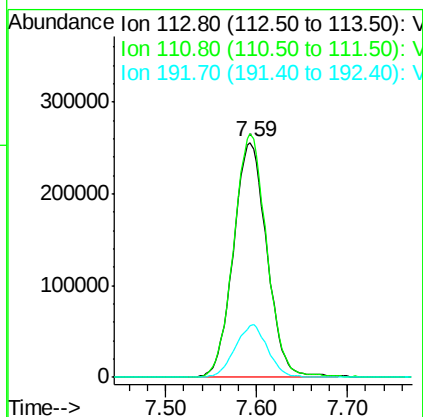
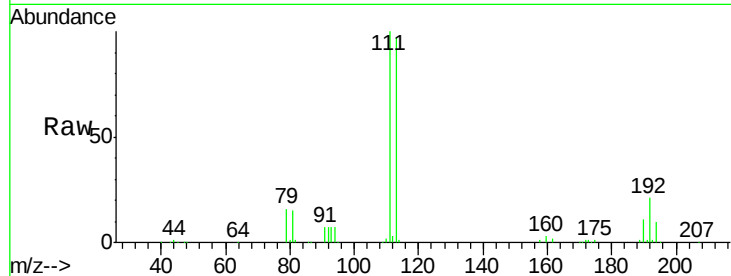




#35
Dibromofluoromethane
Concen: 47.574 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049736.D
Acq: 6 Jul 2018 14:03

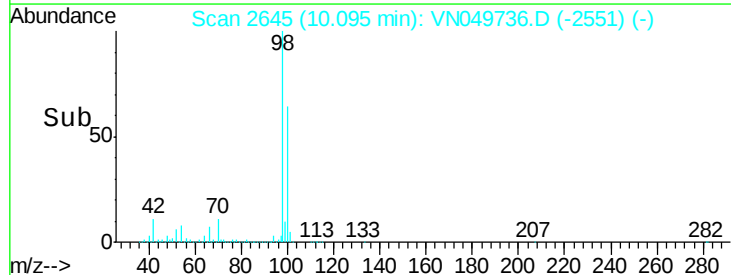
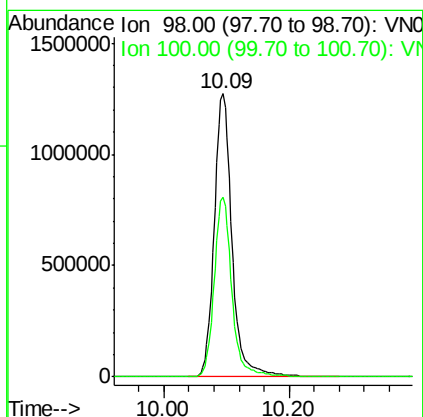
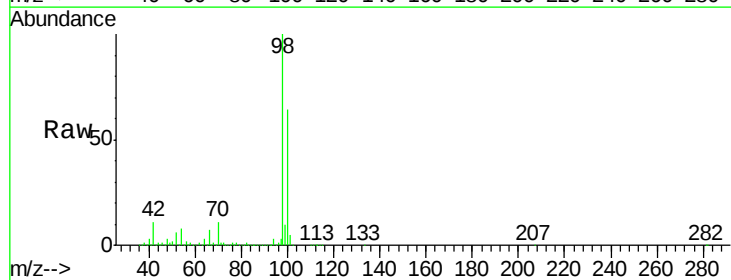
Instrument :
MSVOA_N
ClientSampled :
TP-4-D

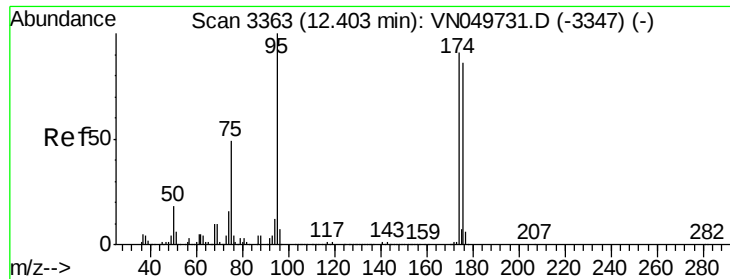
Tot Ion:113 Resp: 655124
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.8
192 22.0 17.8 26.6



#50
Toluene-d8
Concen: 46.476 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049736.D
Acq: 6 Jul 2018 14:03

Tgt Ion: 98 Resp: 2505062
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5

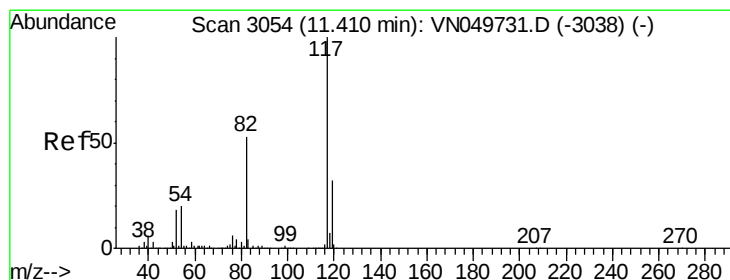
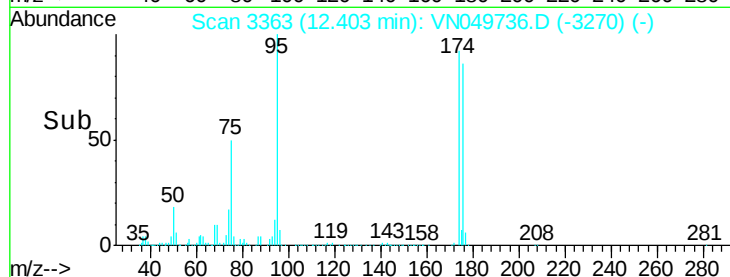
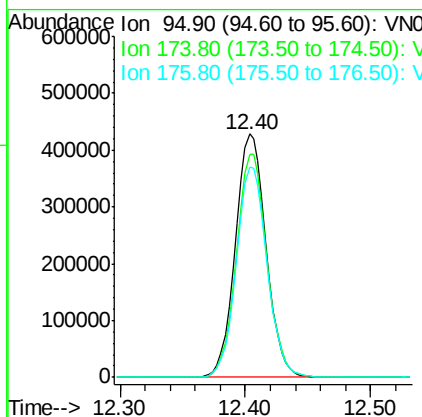
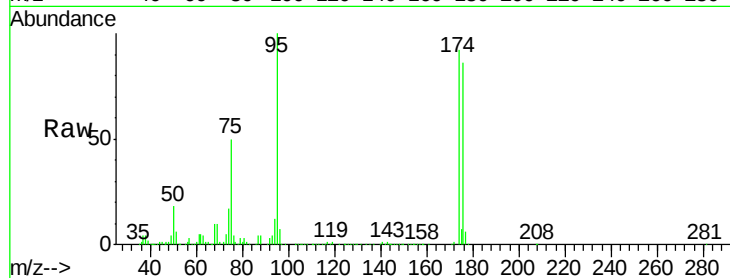




#62
4-Bromofluorobenzene
Concen: 39.504 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN049736.D
Acq: 6 Jul 2018 14:03

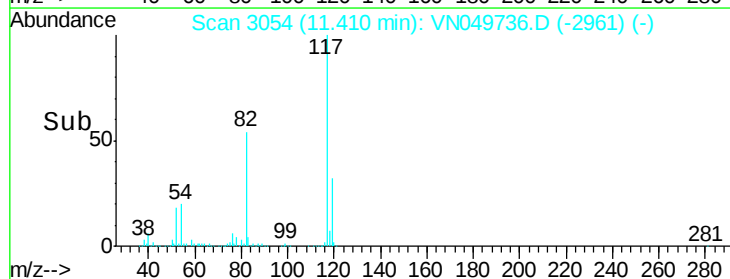
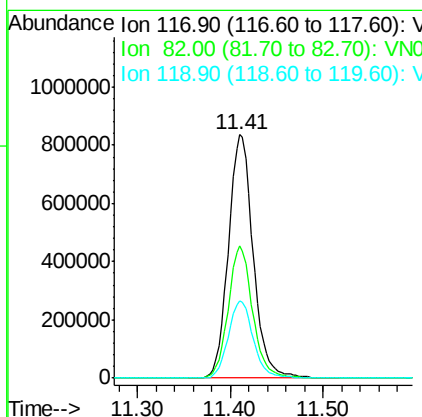
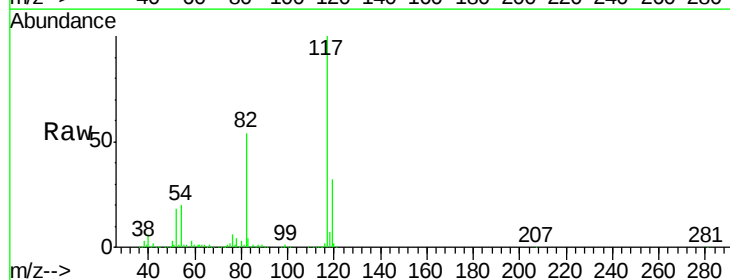
Instrument :
MSVOA_N
ClientSampled :
TP-4-D

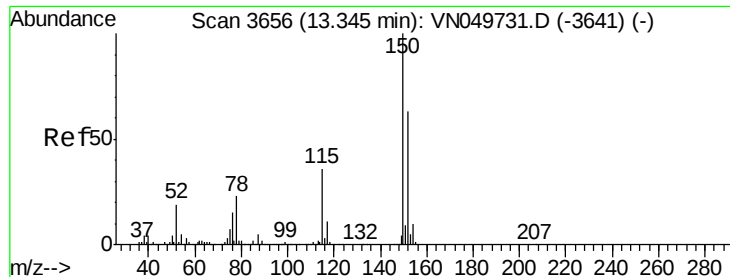
Tot Ion: 95 Resp: 726976
Ion Ratio Lower Upper
95 100
174 91.5 0.0 179.6
176 86.8 0.0 174.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049736.D
Acq: 6 Jul 2018 14:03

Tgt Ion: 117 Resp: 1545047
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 31.9 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: VN049736.D

Acq: 6 Jul 2018 14:03

Instrument :

MSVOA_N

ClientSampleId :

TP-4-D

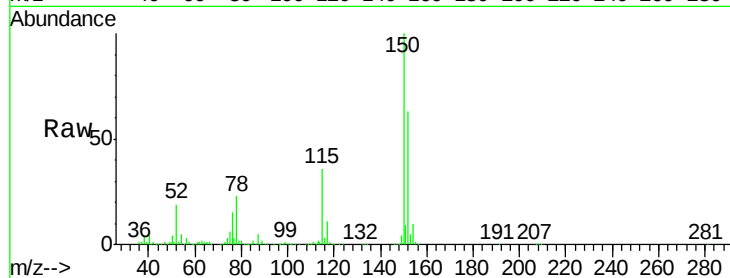
Tot Ion:152 Resp: 600207

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

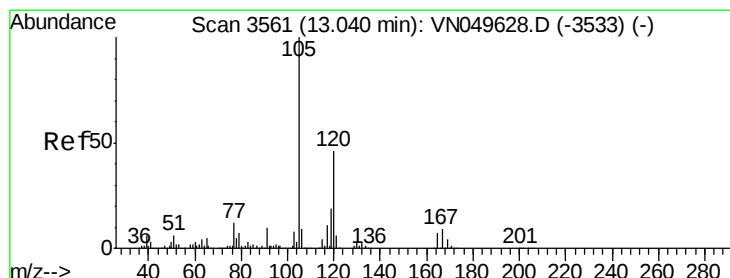
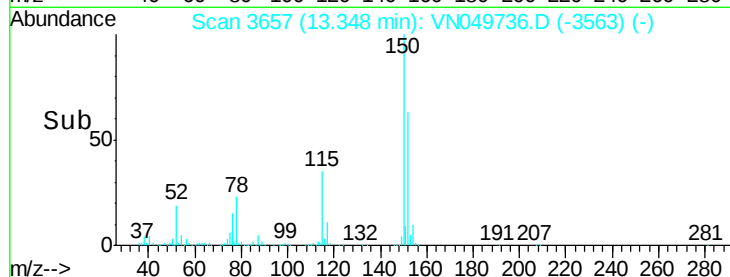
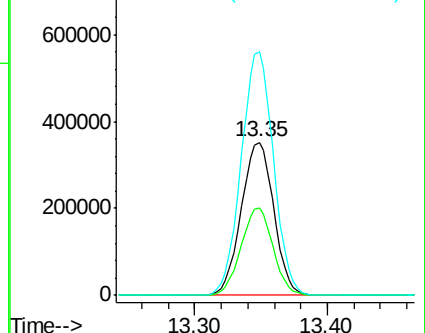
150 157.7 0.0 347.6



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: 1.580 ug/l

RT: 13.04 min Scan# 3562

Delta R.T. 0.00 min

Lab File: VN049736.D

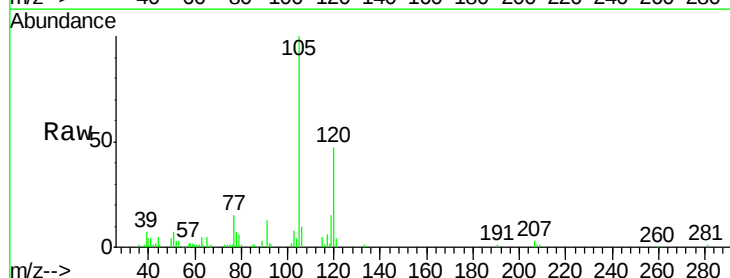
Acq: 6 Jul 2018 14:03

Tgt Ion:105 Resp: 64485

Ion Ratio Lower Upper

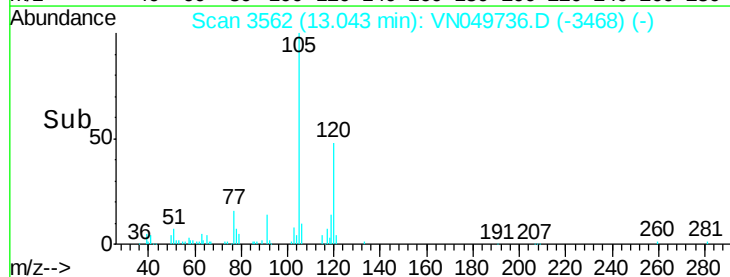
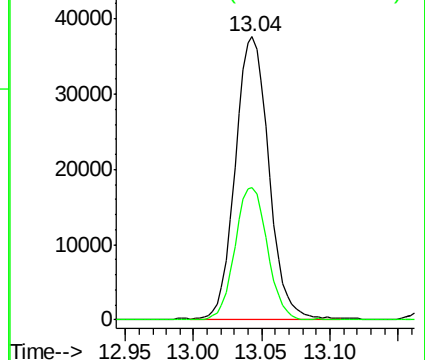
105 100

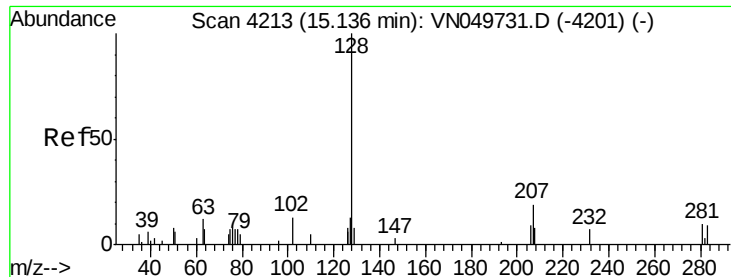
120 44.8 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 11.091 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049736.D

Acq: 6 Jul 2018 14:03

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TP-4-D

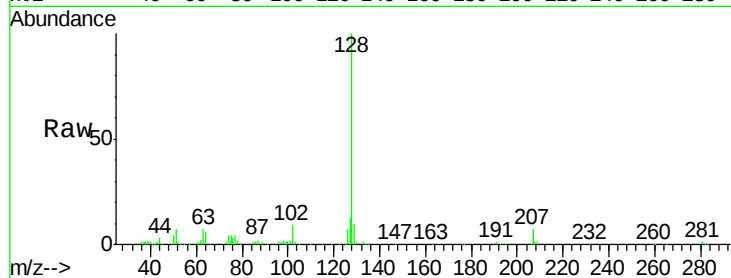
Tot Ion:128 Resp: 186982

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 10.9 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

