

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052163.D
 Acq On : 5 Nov 2018 22:34
 Operator : MD\SY
 Sample : J5812-28
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP4-A

Quant Time: Nov 06 06:19:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

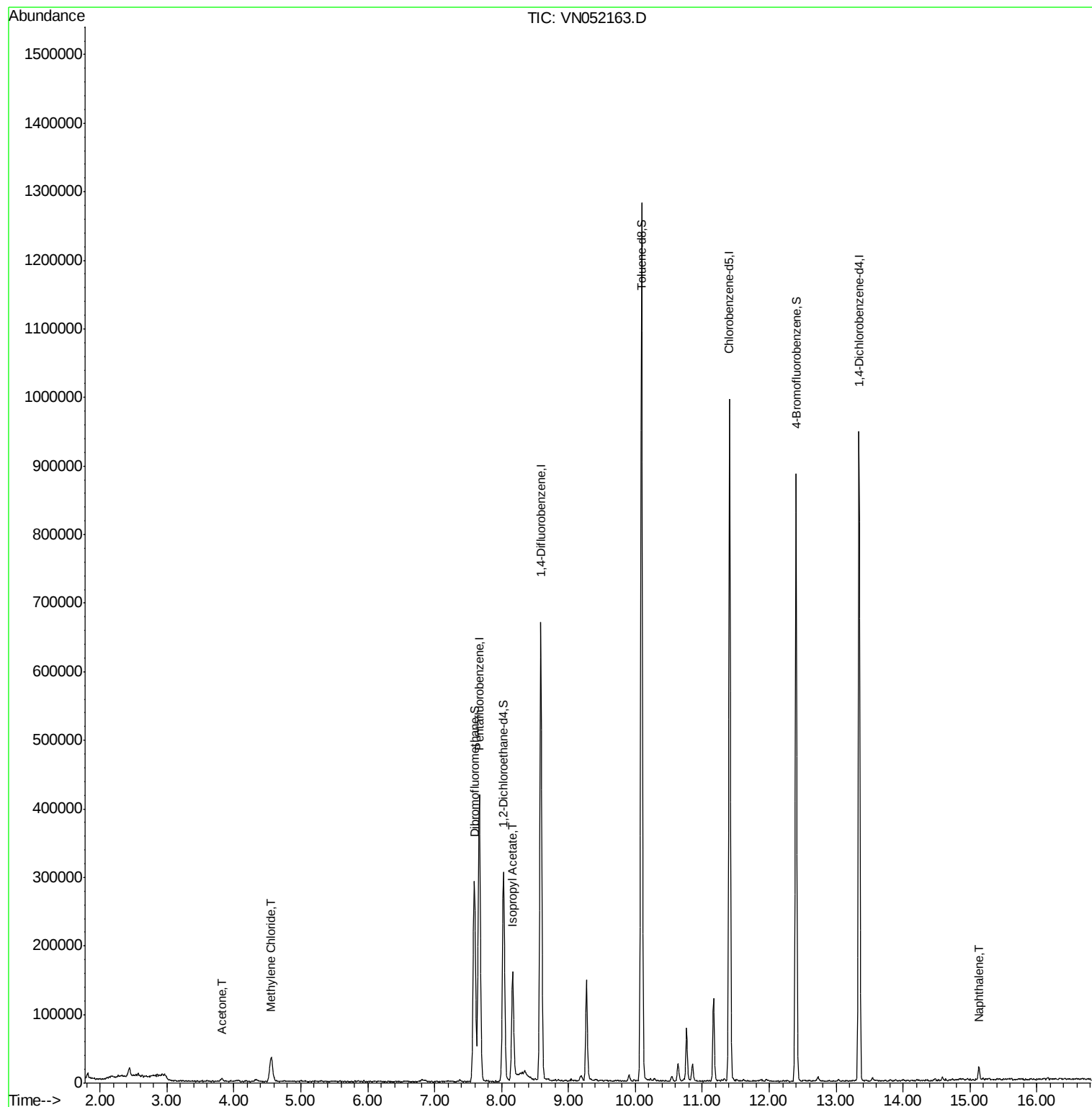
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	327739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	598514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	574036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	238758	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252021	64.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.70%	
35) Dibromofluoromethane	7.59	113	220268	59.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.56%	
50) Toluene-d8	10.09	98	879136	61.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.38%	
62) 4-Bromofluorobenzene	12.40	95	299704	63.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.10%	
Target Compounds						
16) Acetone	3.82	43	6038	6.858	ug/l	92
20) Methylene Chloride	4.56	84	26763	7.315	ug/l	93
43) Isopropyl Acetate	8.17	43	193327	32.001	ug/l #	88
95) Naphthalene	15.13	128	16086	2.200	ug/l #	96

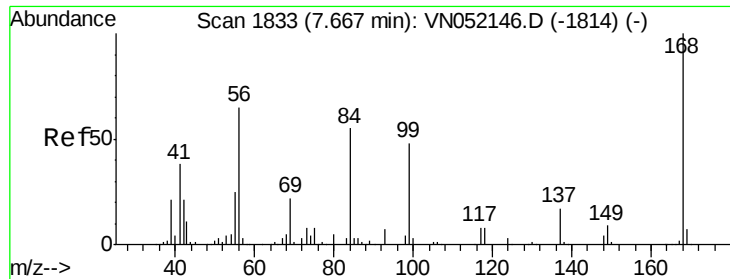
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN110518\
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QLast Update : Mon Nov 05 22:32:25 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052163.D

Acq: 5 Nov 2018 22:34

Instrument :

MSVOA_N

ClientSampled :

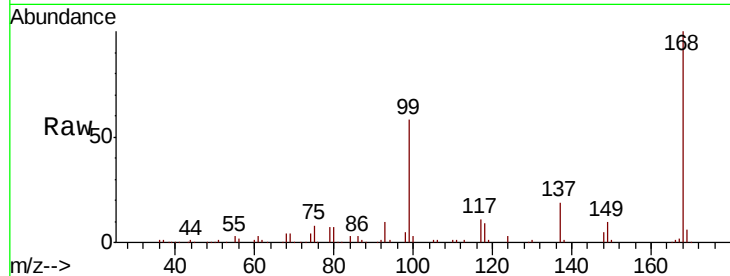
TP4-A

Tot Ion:168 Resp: 327739

Ion Ratio Lower Upper

168 100

99 58.2 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

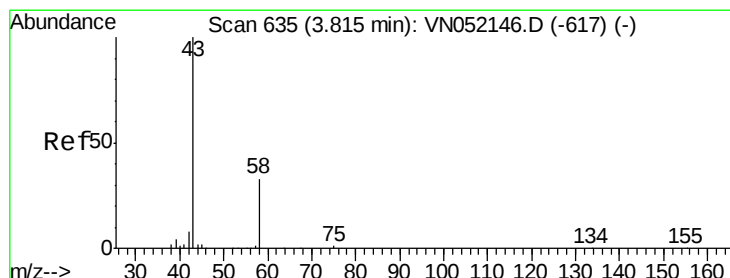
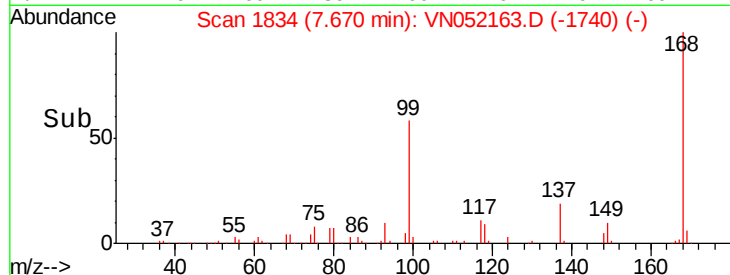
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.858 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052163.D

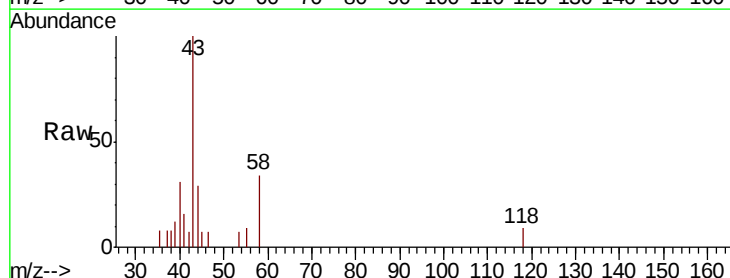
Acq: 5 Nov 2018 22:34

Tgt Ion: 43 Resp: 6038

Ion Ratio Lower Upper

43 100

58 37.0 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

2500

2000

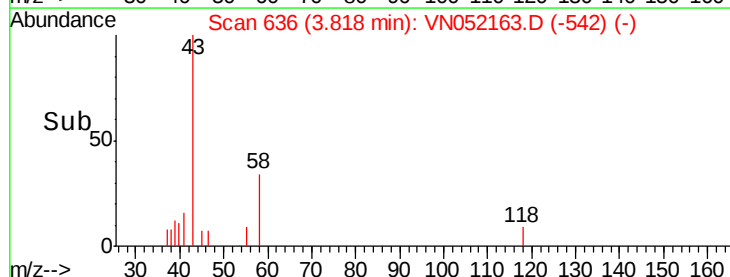
1500

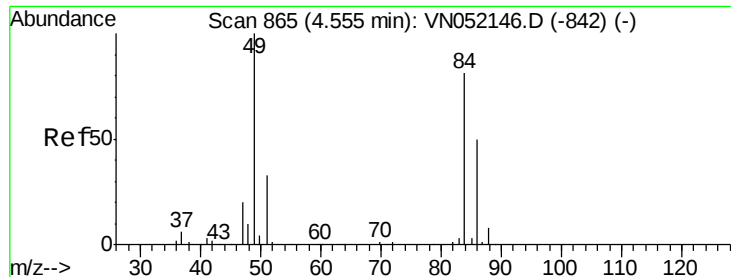
1000

500

0

Time-->

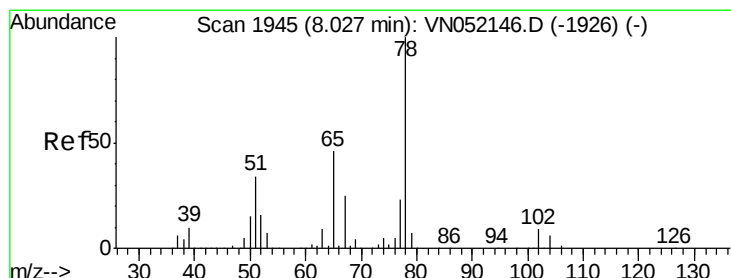
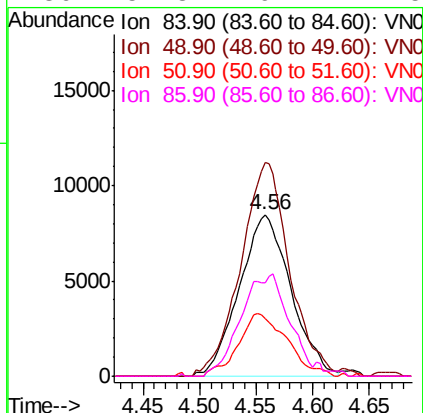
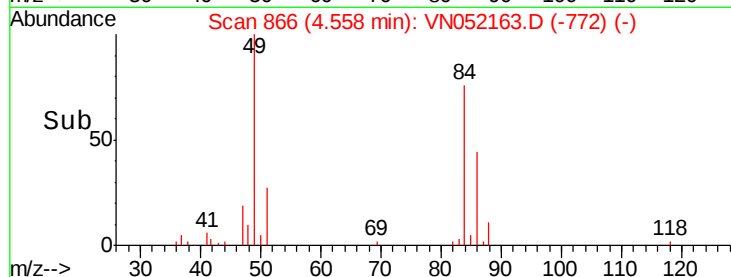
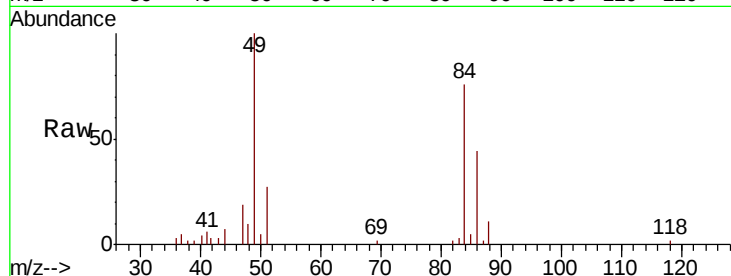




#20
Methvlene Chloride
Concen: 7.315 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052163.D
Acq: 5 Nov 2018 22:34

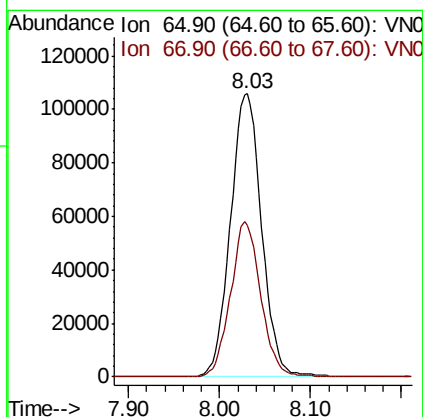
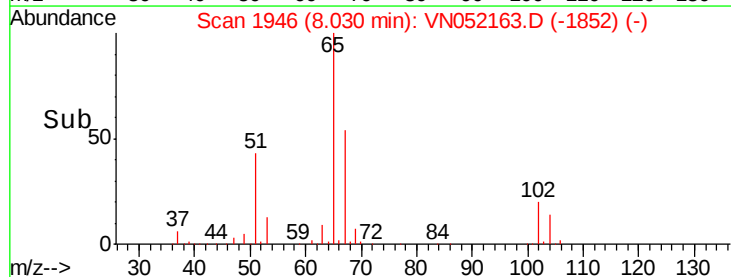
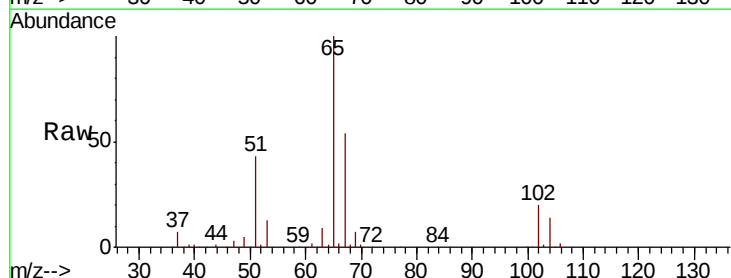
Instrument :
MSVOA_N
ClientSampled :
TP4-A

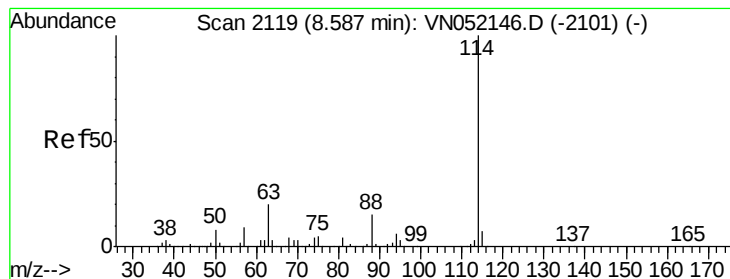
Tot Ion: 84 Resp: 26763
Ion Ratio Lower Upper
84 100
49 132.4 98.4 147.6
51 36.0 32.5 48.7
86 57.8 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052163.D
Acq: 5 Nov 2018 22:34

Tgt Ion: 65 Resp: 252021
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052163.D

Acq: 5 Nov 2018 22:34

Instrument :

MSVOA_N

ClientSampleId :

TP4-A

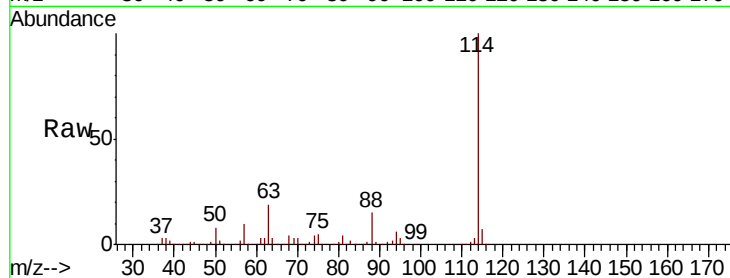
Tot Ion:114 Resp: 598514

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.0

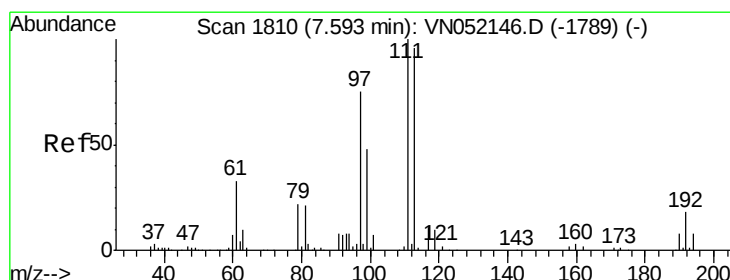
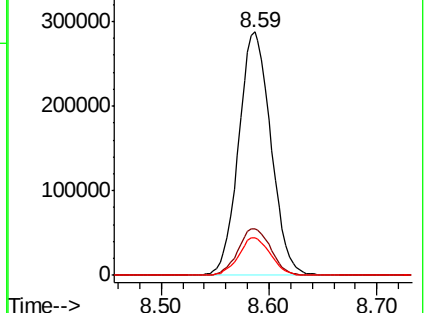
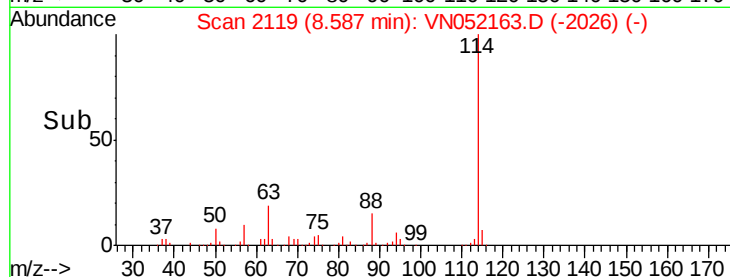
88 15.5 0.0 31.0



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052163.D

Acq: 5 Nov 2018 22:34

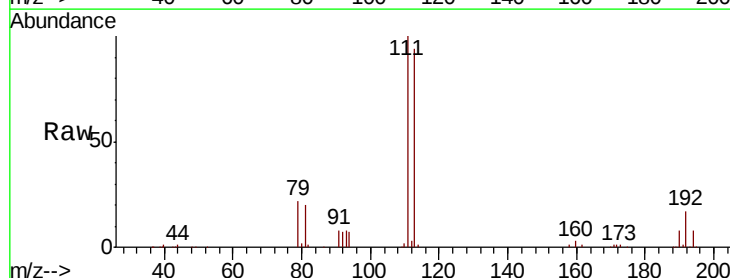
Tgt Ion:113 Resp: 220268

Ion Ratio Lower Upper

113 100

111 103.6 81.7 122.5

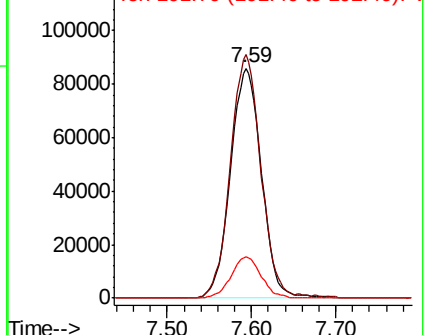
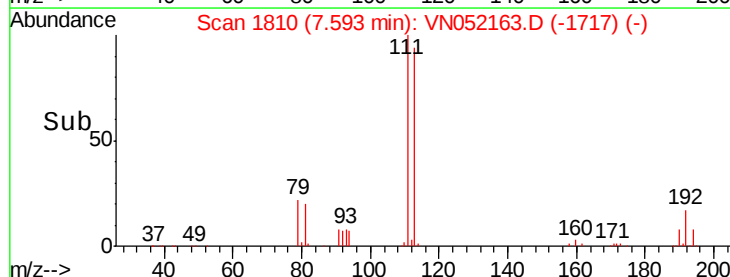
192 17.4 14.2 21.4

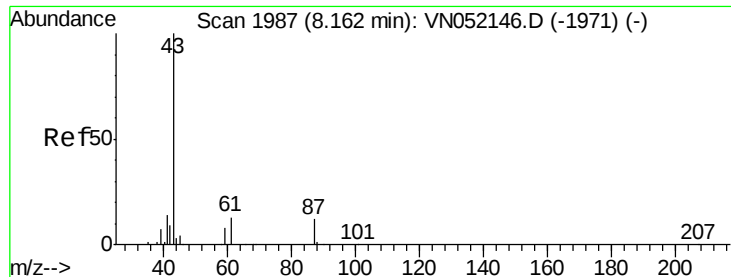


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 32.001 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052163.D

Acq: 5 Nov 2018 22:34

Instrument :

MSVOA_N

ClientSampleId :

TP4-A

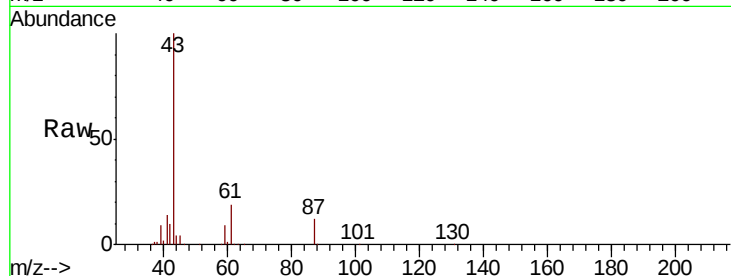
Tot Ion: 43 Resp: 193327

Ion Ratio Lower Upper

43 100

61 17.9 21.5 32.3#

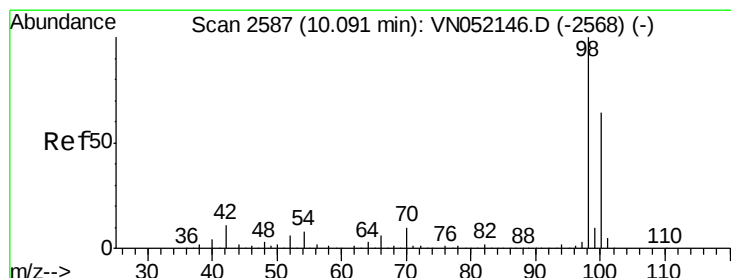
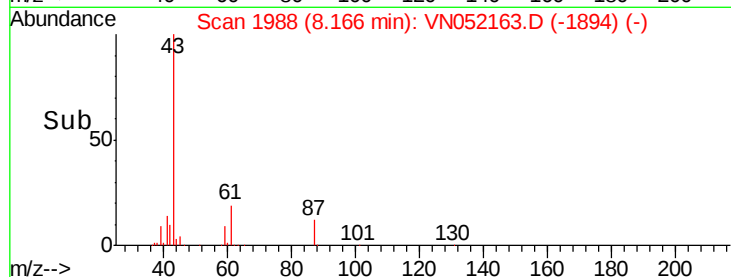
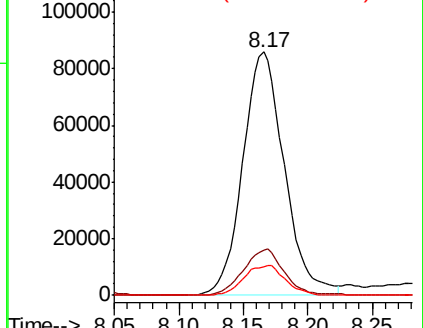
87 12.5 10.2 15.2



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052146.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052146.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052163.D

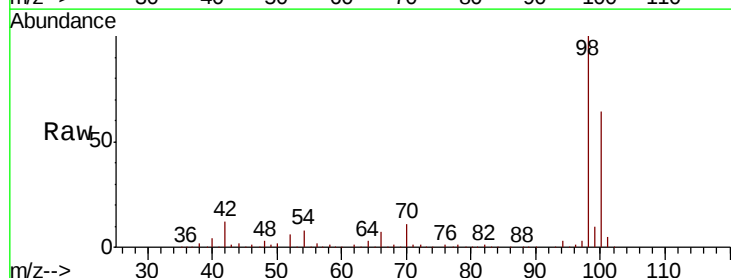
Acq: 5 Nov 2018 22:34

Tgt Ion: 98 Resp: 879136

Ion Ratio Lower Upper

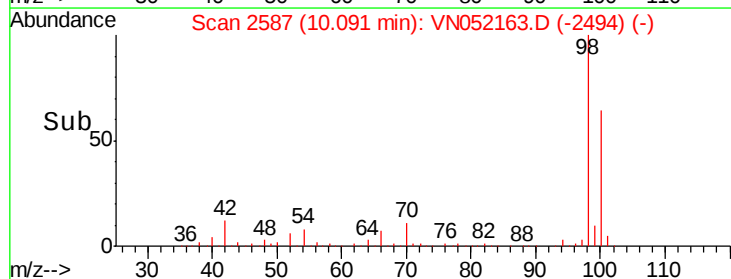
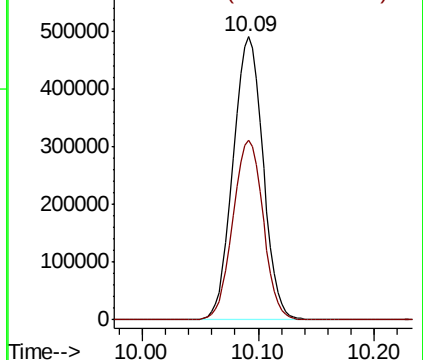
98 100

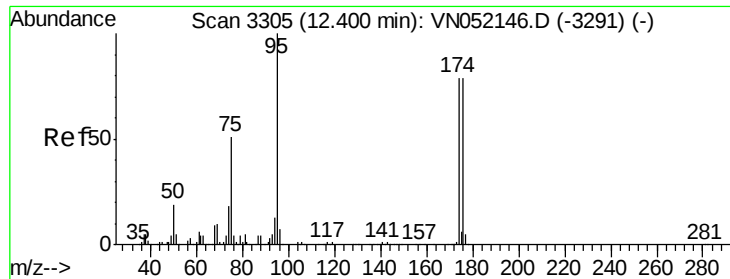
100 64.2 50.5 75.7



Abundance Ion 98.00 (97.70 to 98.70): VN052146.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN052146.D (-2568) (-)

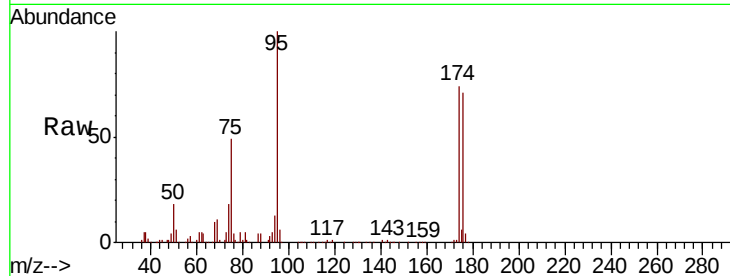




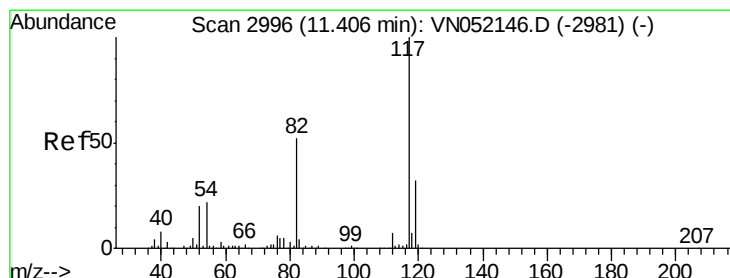
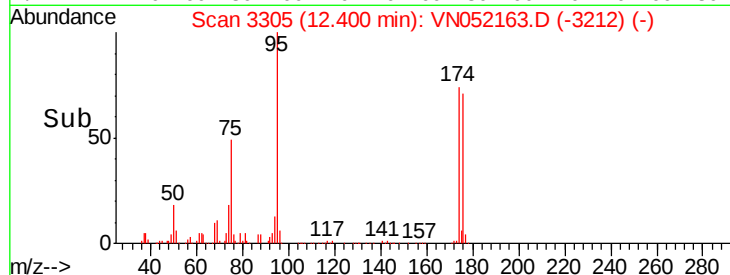
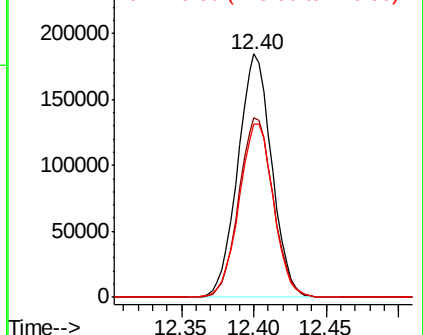
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN052163.D
Acq: 5 Nov 2018 22:34

Instrument :
MSVOA_N
ClientSampleId :
TP4-A

Tot Ion	Ratio	Lower	Upper
95	100		
174	74.9	0.0	162.6
176	72.6	0.0	155.4

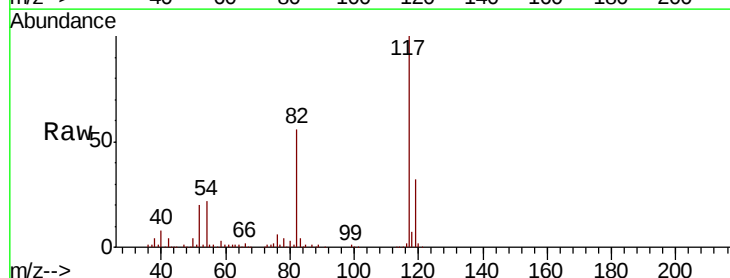


Abundance Ion 94.90 (94.60 to 95.60): VN052146.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN052146.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN052146.D (-3291) (-)

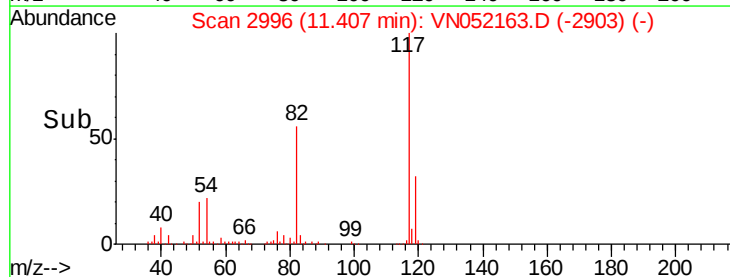
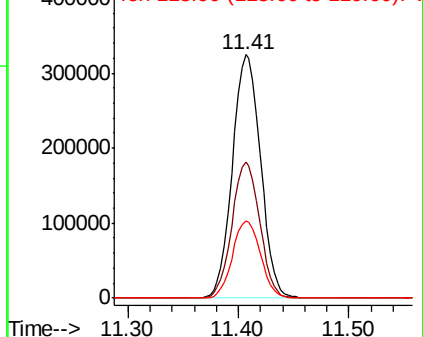


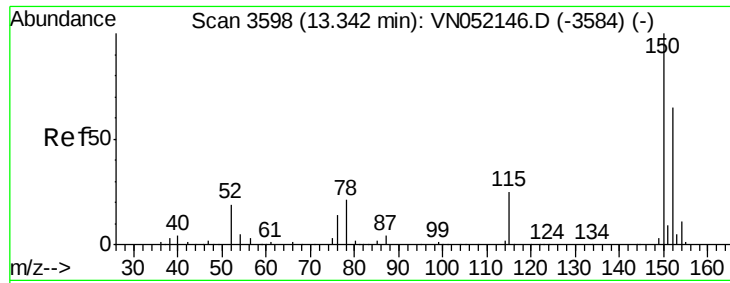
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052163.D
Acq: 5 Nov 2018 22:34

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.0	41.9	62.9
119	31.5	25.7	38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052146.D (-2981) (-)
Ion 82.00 (81.70 to 82.70): VN052146.D (-2981) (-)
Ion 118.90 (118.60 to 119.60): VN052146.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052163.D

Acq: 5 Nov 2018 22:34

Instrument :

MSVOA_N

ClientSampleId :

TP4-A

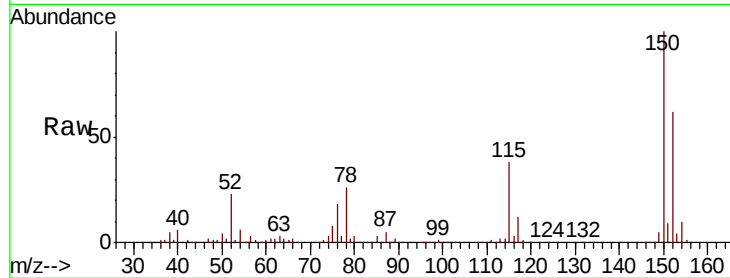
Tot Ion:152 Resp: 238758

Ion Ratio Lower Upper

152 100

115 62.0 28.5 85.5

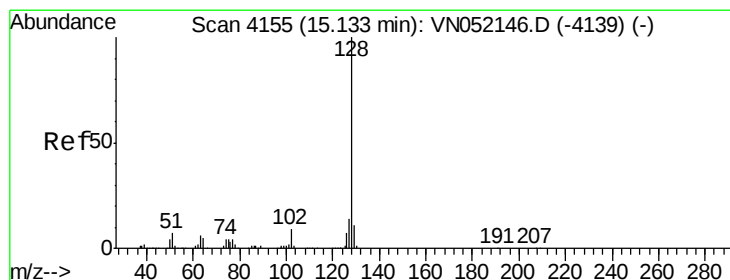
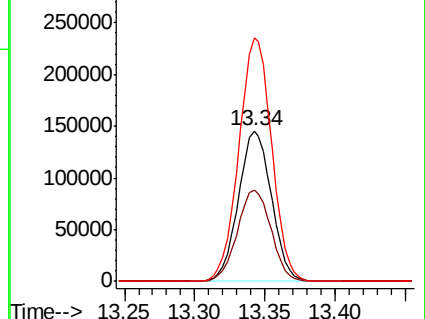
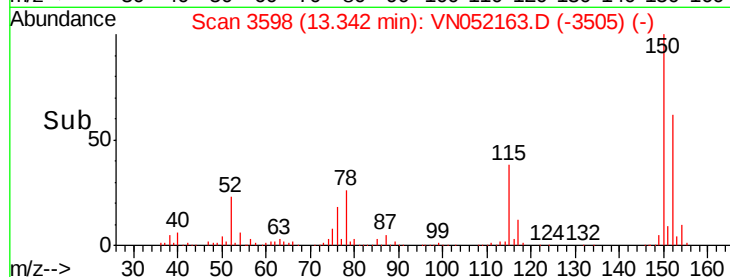
150 161.0 0.0 348.6



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



#95

Naphthalene

Concen: 2.200 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052163.D

Acq: 5 Nov 2018 22:34

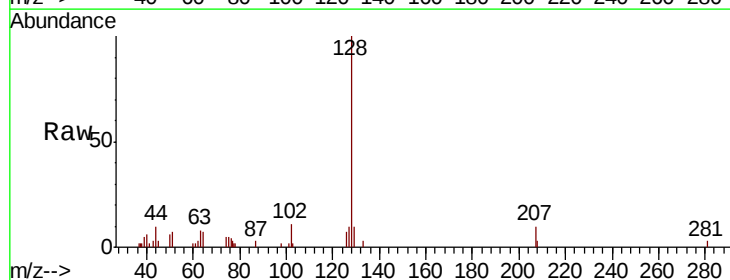
Tgt Ion:128 Resp: 16086

Ion Ratio Lower Upper

128 100

127 10.6 10.8 16.2#

129 11.2 9.1 13.7



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

