

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092618\
 Data File : VN051527.D
 Acq On : 26 Sep 2018 10:20
 Operator : MD\SY
 Sample : PB113167ZHE#16
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113167ZHE#16

Quant Time: Sep 26 12:00:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

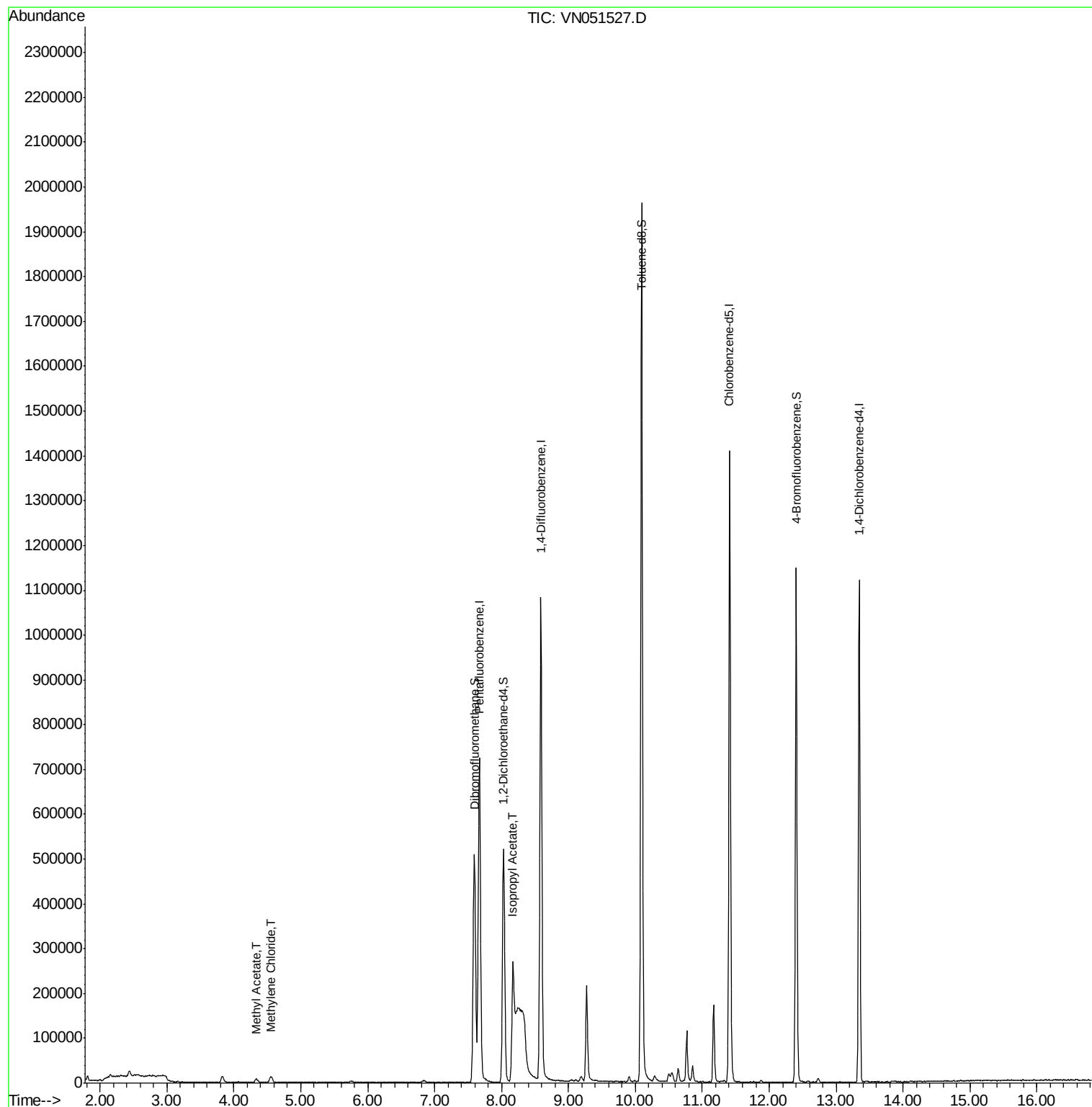
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	617147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1009098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	853586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	309210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	450005	58.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.42%	
35) Dibromofluoromethane	7.59	113	386525	47.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.80%	
50) Toluene-d8	10.09	98	1400249	46.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.16%	
62) 4-Bromofluorobenzene	12.40	95	384585	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
Target Compounds						
18) Methyl Acetate	4.33	43	15540	2.639	ug/l	97
20) Methylene Chloride	4.55	84	6567	0.858	ug/l #	91
43) Isopropyl Acetate	8.17	43	348840	28.713	ug/l #	88

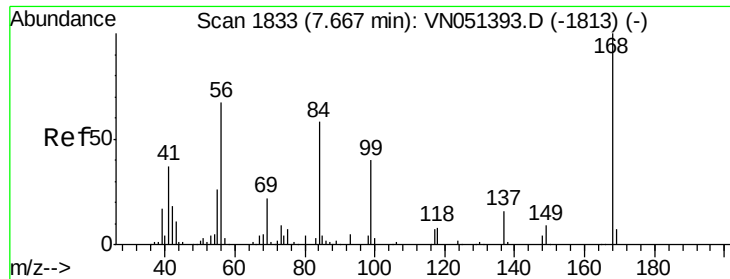
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051527.D

Acq: 26 Sep 2018 10:20

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MSVOA_N

ClientSampleId :

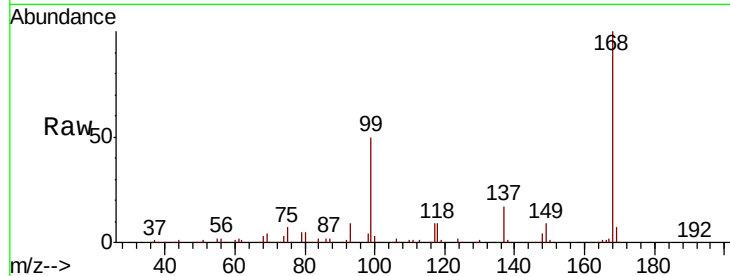
PB113167ZHE#16

Tgt Ion:168 Resp: 617147

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

250000

200000

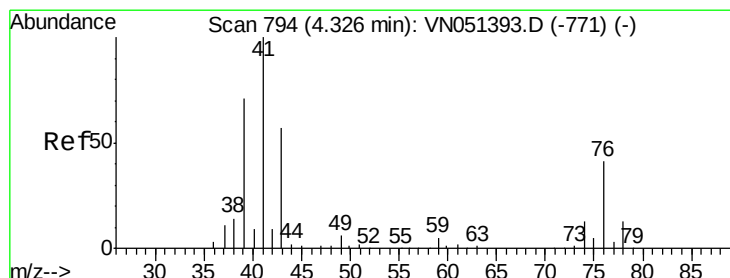
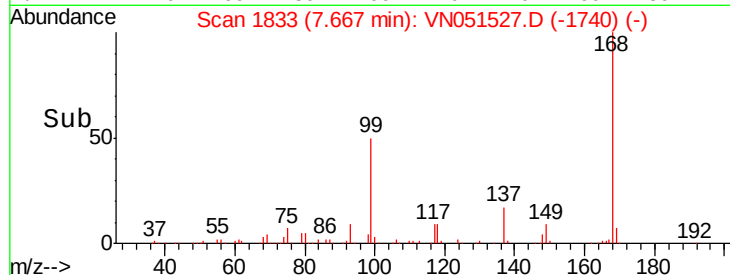
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.639 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051527.D

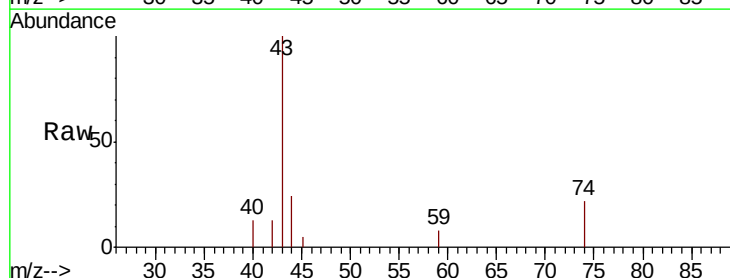
Acq: 26 Sep 2018 10:20

Tgt Ion: 43 Resp: 15540

Ion Ratio Lower Upper

43 100

74 22.2 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.33

6000

5000

4000

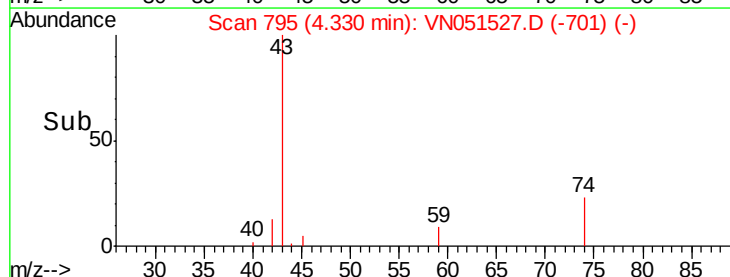
3000

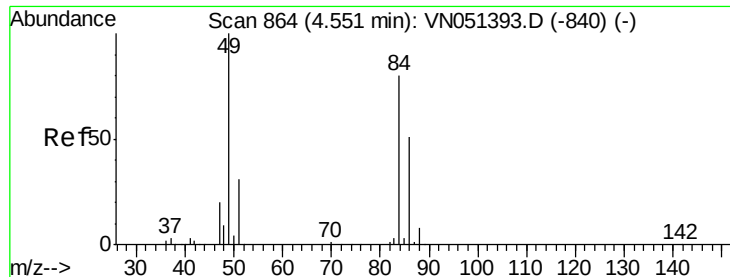
2000

1000

0

Time-->

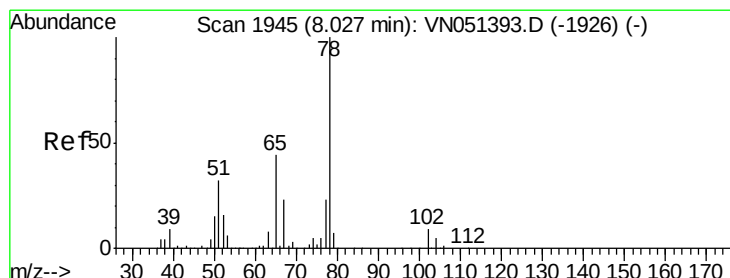
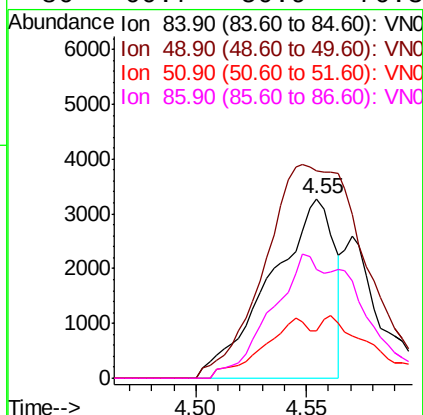
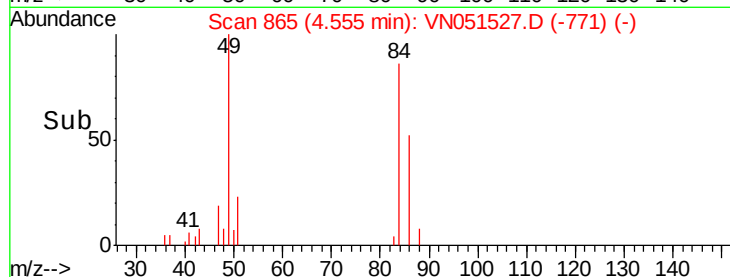
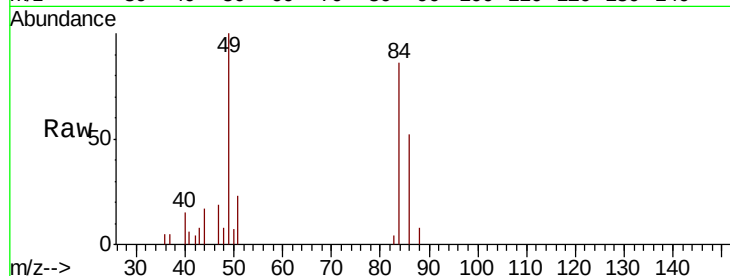




#20
Methylene Chloride
Concen: 0.858 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051527.D
Acq: 26 Sep 2018 10:20

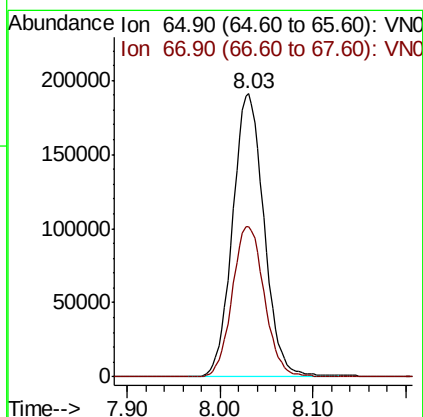
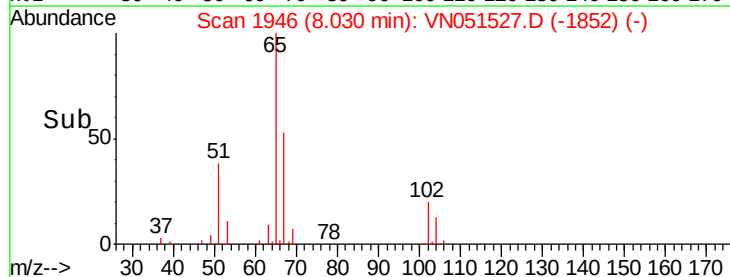
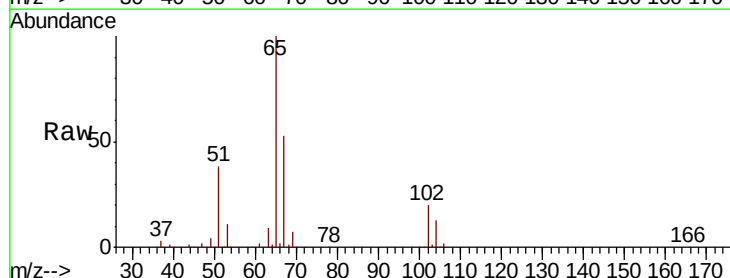
Instrument :
MSVOA_N
ClientSampleId :
PB113167ZHE#16

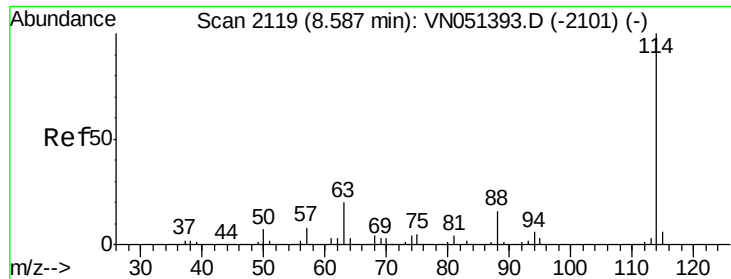
Tgt Ion:	84	Resp:	6567
Ion	Ratio	Lower	Upper
84	100		
49	115.6	99.9	149.9
51	26.6	31.4	47.2#
86	60.7	50.9	76.3



#33
1,2-Dichloroethane-d4
Concen: 58.209 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051527.D
Acq: 26 Sep 2018 10:20

Tgt Ion:	65	Resp:	450005
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	107.8

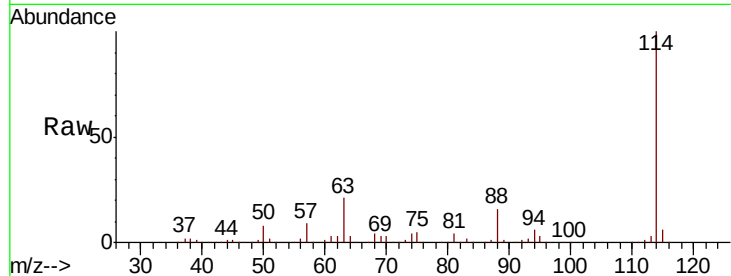




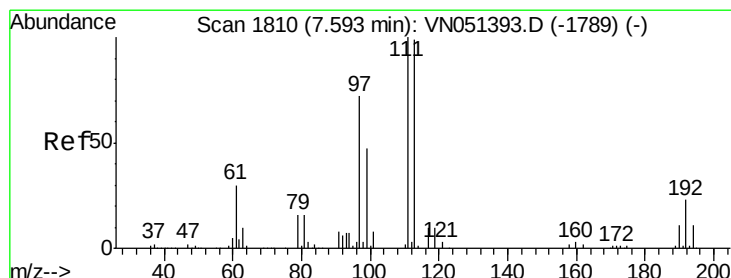
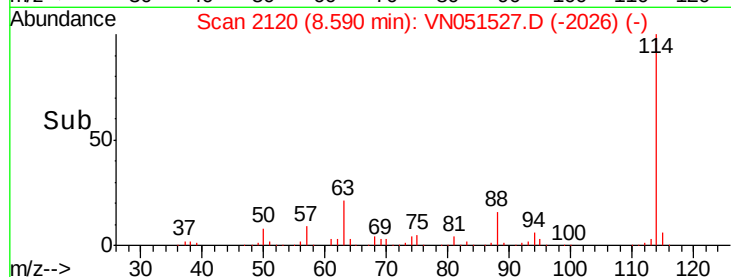
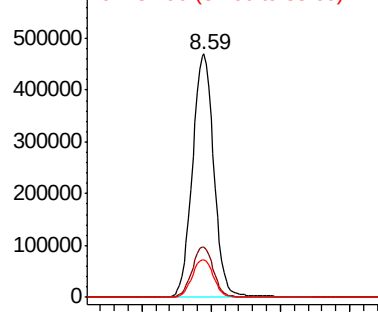
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2120
Delta R.T. 0.00 min
Lab File: VN051527.D
Acq: 26 Sep 2018 10:20

Instrument :
MSVOA_N
ClientSampleId :
PB113167ZHE#16

Tgt Ion:114 Resp: 1009098
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.2
88 15.5 0.0 31.4

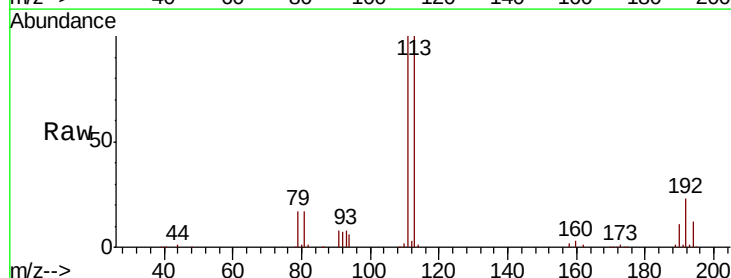


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

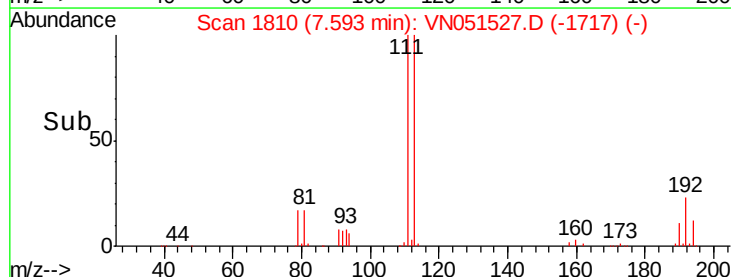
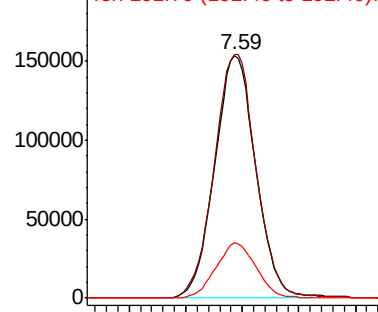


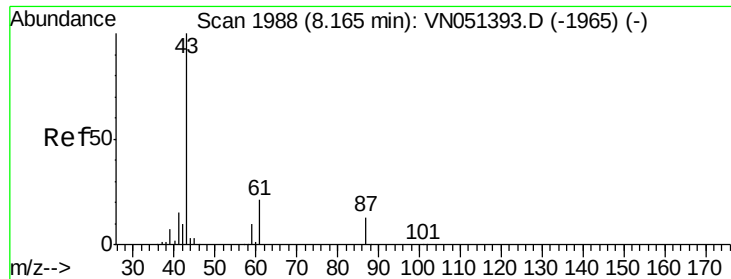
#35
Dibromofluoromethane
Concen: 47.901 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051527.D
Acq: 26 Sep 2018 10:20

Tgt Ion:113 Resp: 386525
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 22.4 18.0 27.0



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: 28.713 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051527.D

Acq: 26 Sep 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#16

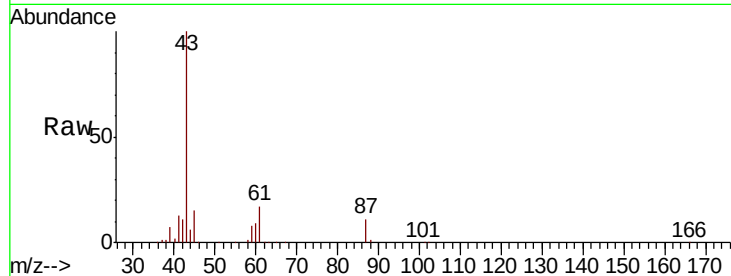
Tgt Ion: 43 Resp: 348840

Ion Ratio Lower Upper

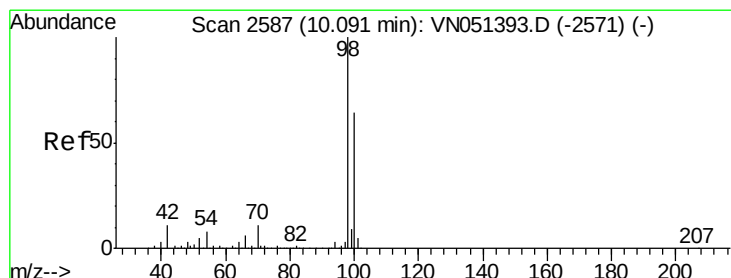
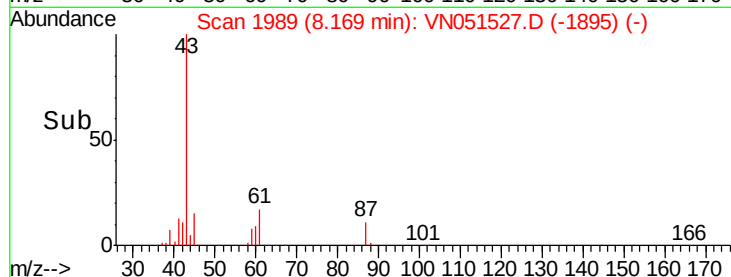
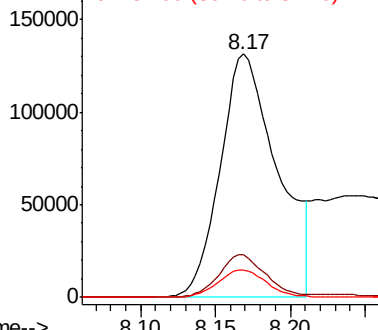
43 100

61 14.8 16.8 25.2#

87 9.6 10.7 16.1#



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 46.082 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051527.D

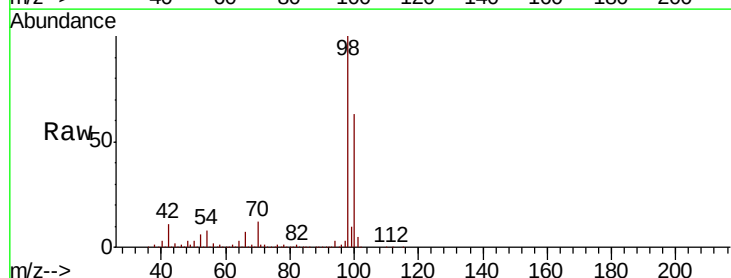
Acq: 26 Sep 2018 10:20

Tgt Ion: 98 Resp: 1400249

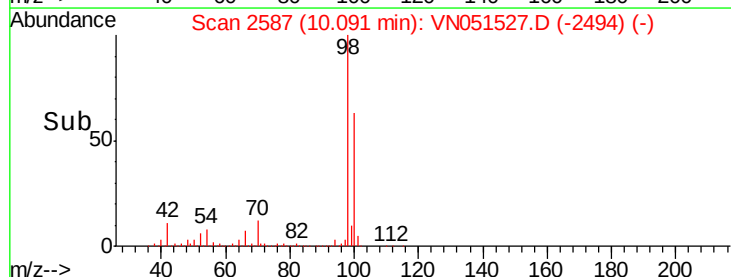
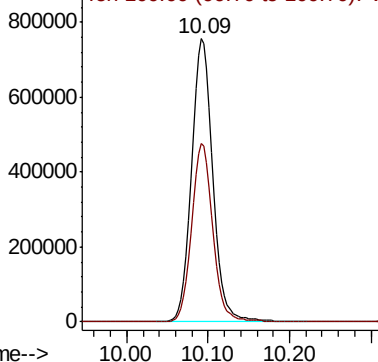
Ion Ratio Lower Upper

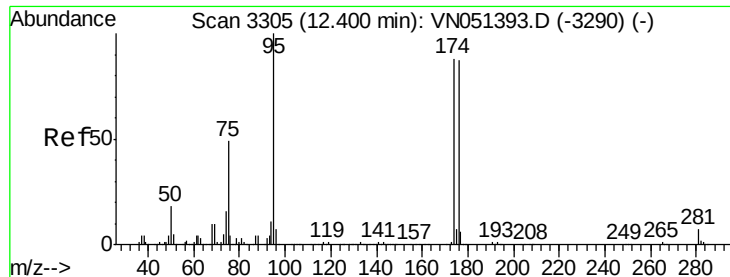
98 100

100 62.8 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO

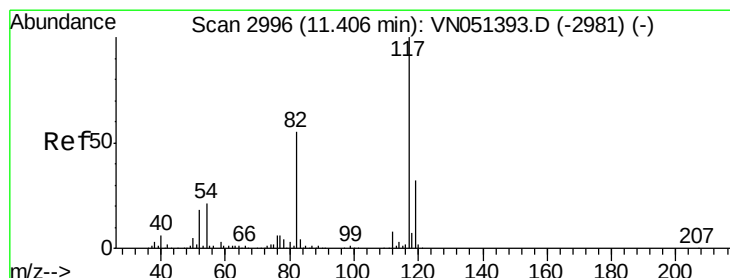
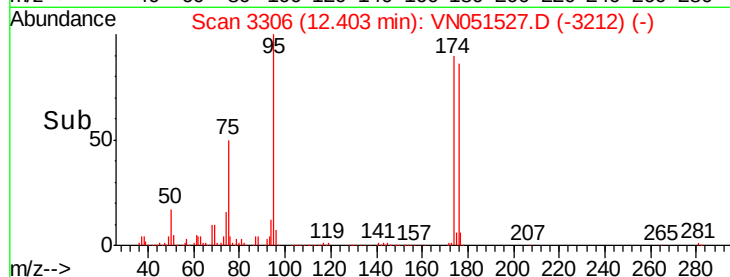
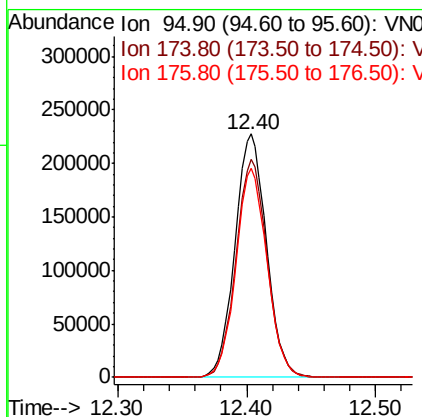
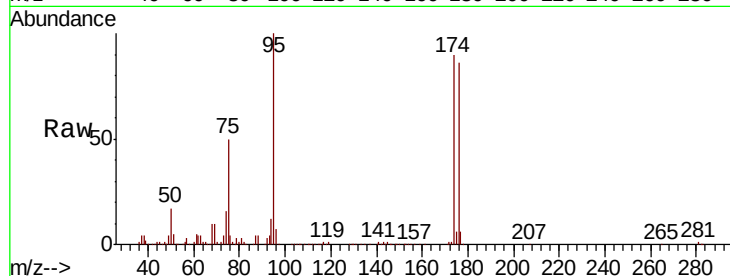




#62
4-Bromofluorobenzene
Concen: 39.124 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051527.D
Acq: 26 Sep 2018 10:20

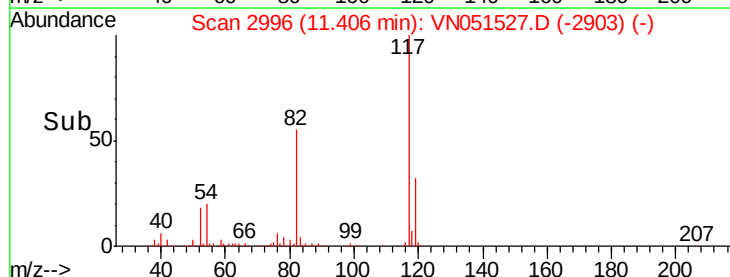
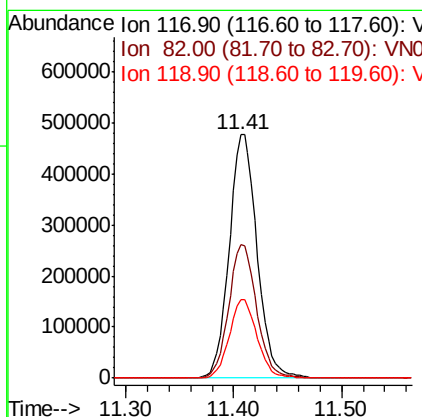
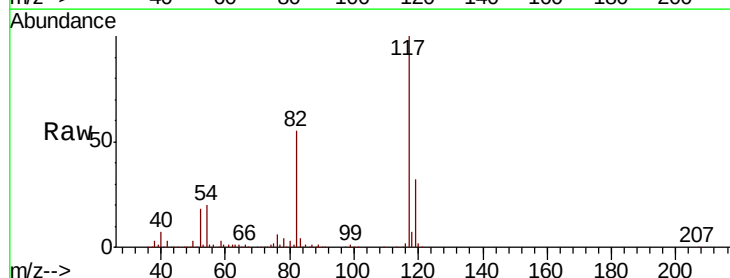
Instrument :
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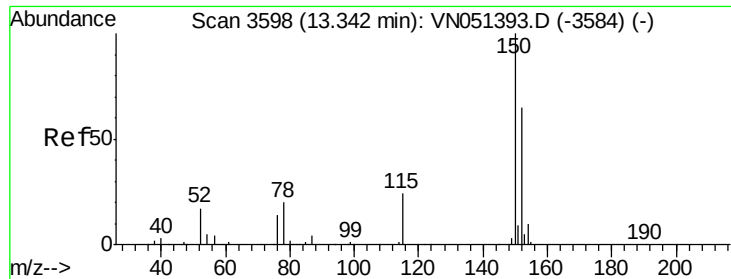
Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.0	0.0	181.6
176	85.2	0.0	176.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051527.D
Acq: 26 Sep 2018 10:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.2	66.2
119	32.2	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051527.D

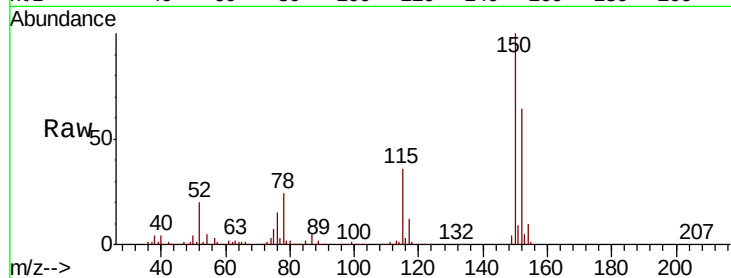
Acq: 26 Sep 2018 10:20

Instrument :

MSVOA_N

ClientSampleId :

PB113167ZHE#16



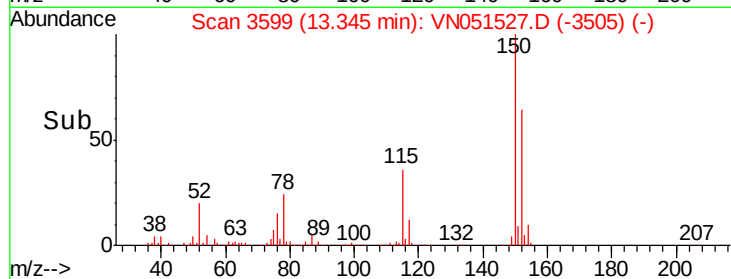
Tgt Ion:152 Resp: 309210

Ion Ratio Lower Upper

152 100

115 56.6 28.3 84.9

150 158.1 0.0 353.6



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

