

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054784.D
 Acq On : 29 Mar 2019 21:31
 Operator : JC/SP
 Sample : K2139-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S7B(14)

Quant Time: Mar 30 22:07:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:48:18 2019
 Response via : Initial Calibration

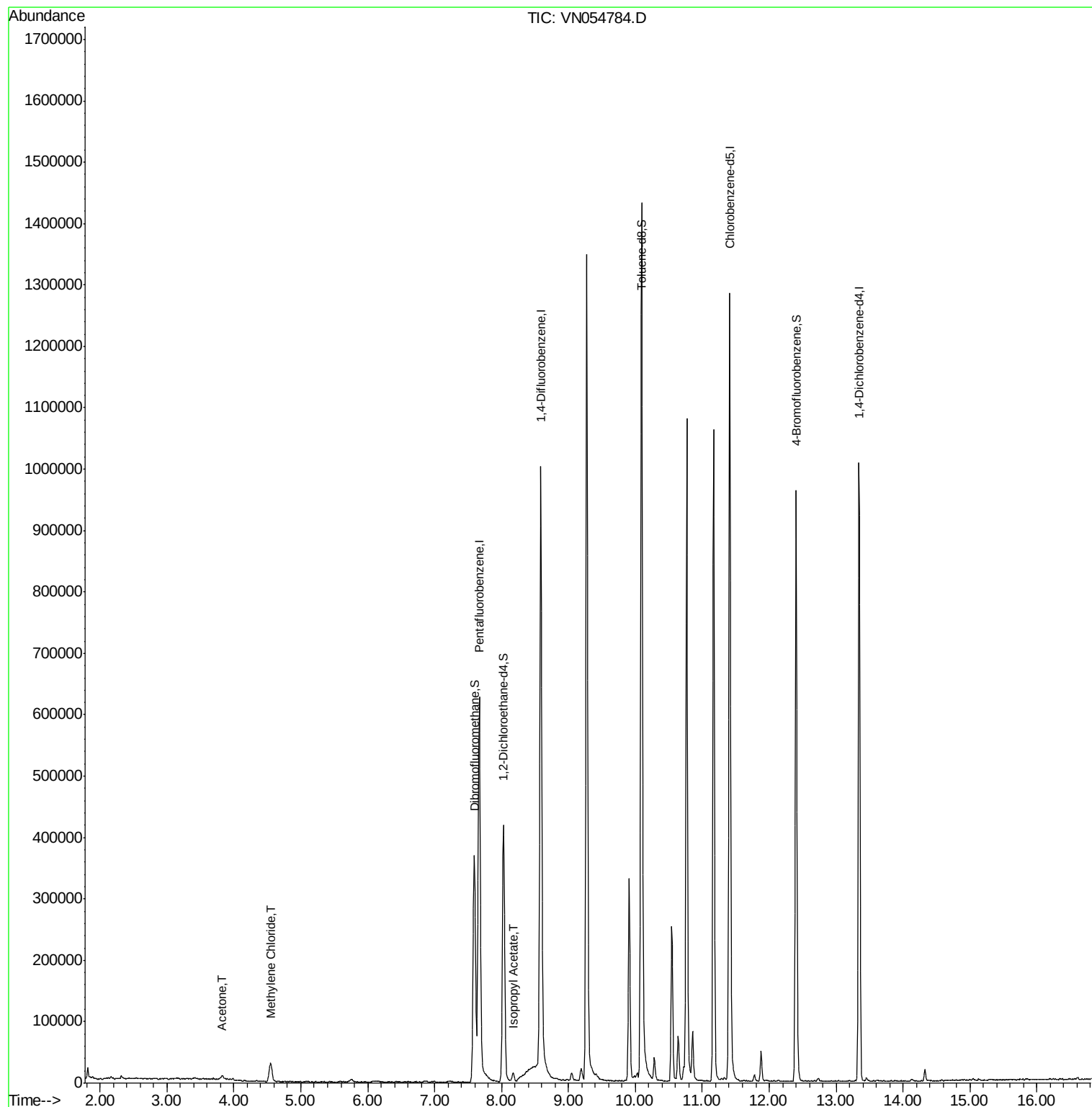
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	544847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	890009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	763485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	276143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	359351	48.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.86%	
35) Dibromofluoromethane	7.59	113	282930	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	10.09	98	1066869	48.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.72%	
62) 4-Bromofluorobenzene	12.40	95	332928	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
Target Compounds						
16) Acetone	3.82	43	9665	5.518	ug/l	92
20) Methylene Chloride	4.55	84	20585	3.332	ug/l #	82
43) Isopropyl Acetate	8.17	43	17023	1.723	ug/l #	92

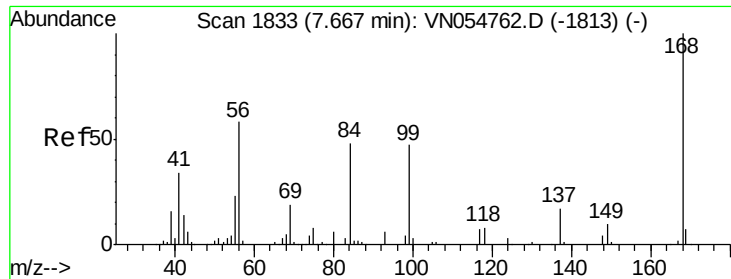
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054784.D

Acq: 29 Mar 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

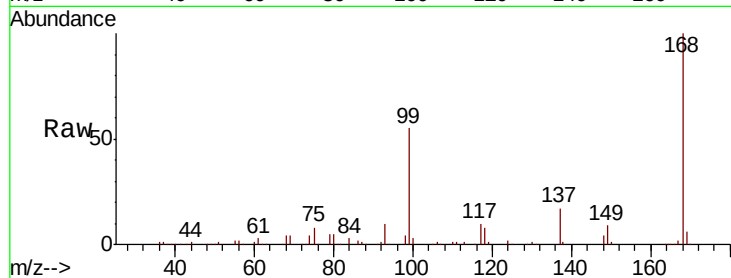
S7B(14)

Tot Ion:168 Resp: 544847

Ion Ratio Lower Upper

168 100

99 55.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

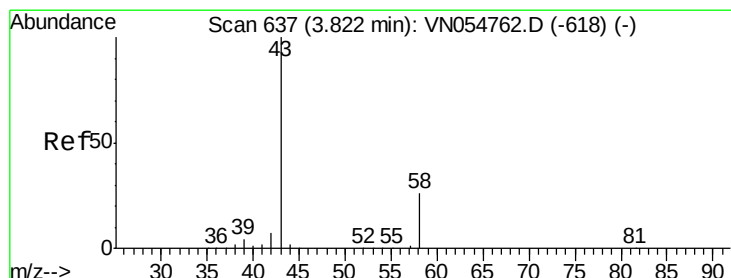
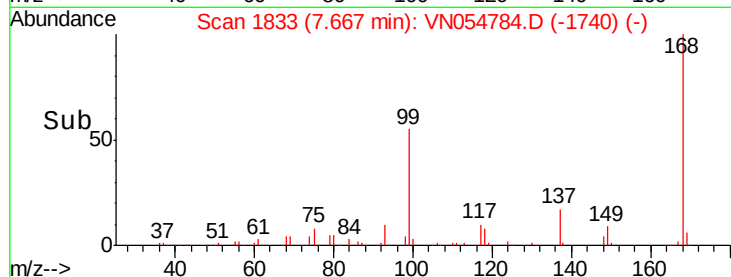
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.518 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054784.D

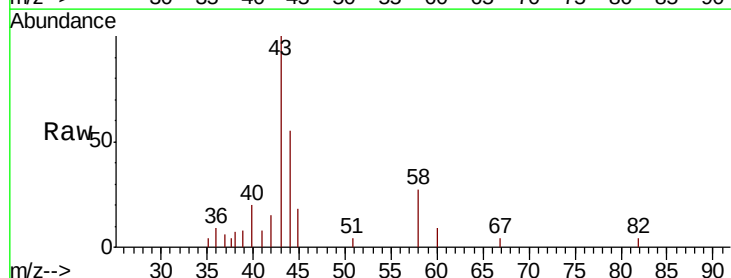
Acq: 29 Mar 2019 21:31

Tgt Ion: 43 Resp: 9665

Ion Ratio Lower Upper

43 100

58 32.8 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

4000

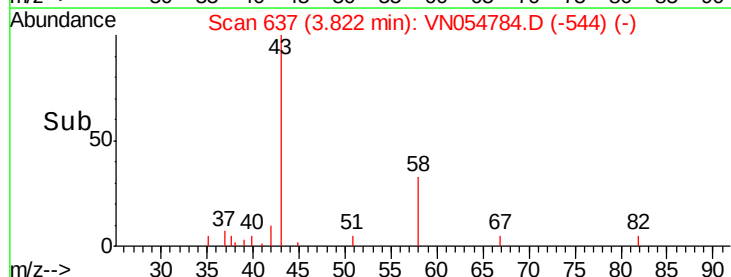
3000

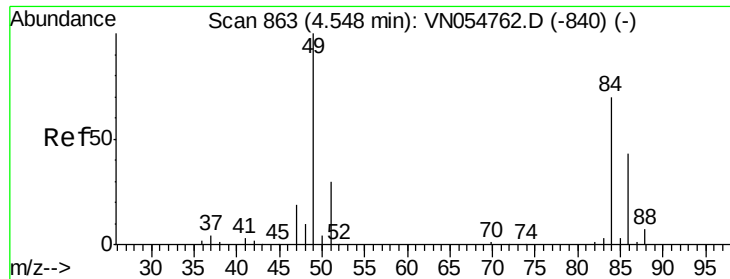
2000

1000

0

Time-->

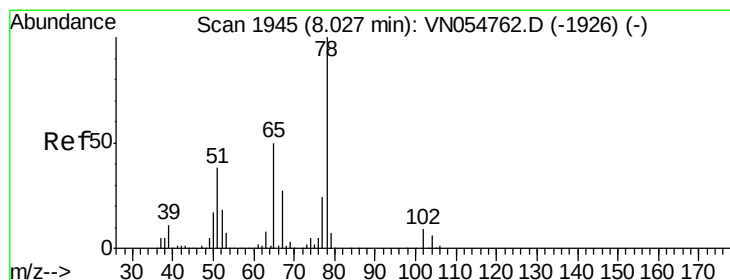
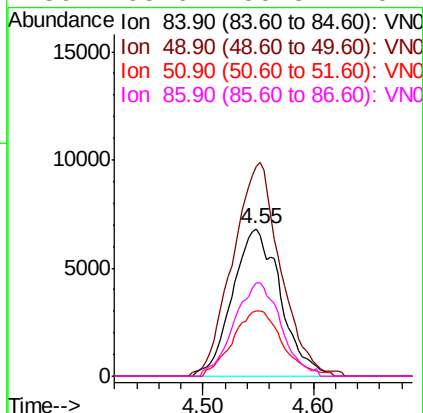
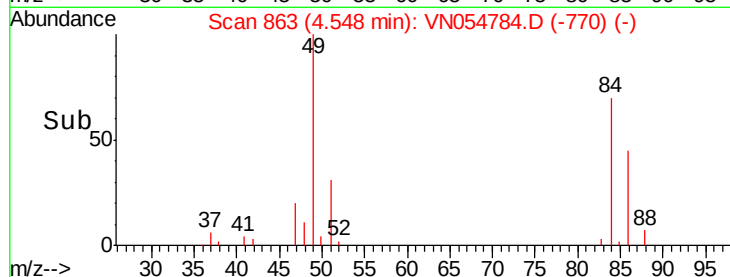
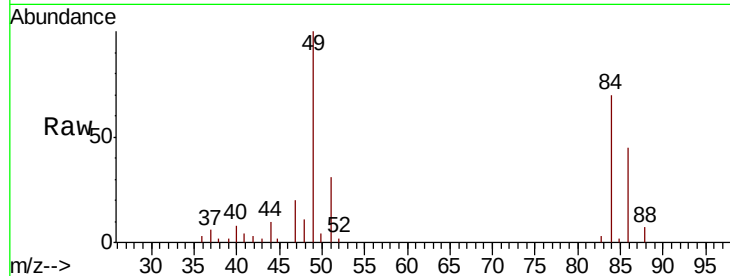




#20
Methvlene Chloride
Concen: 3.332 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054784.D
Acq: 29 Mar 2019 21:31

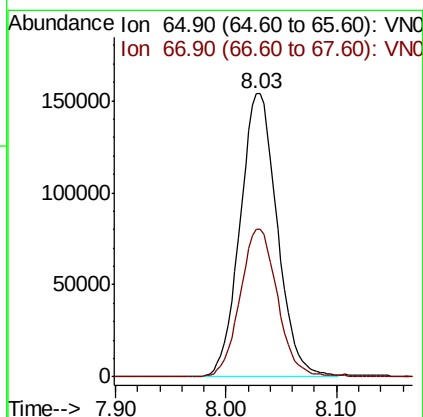
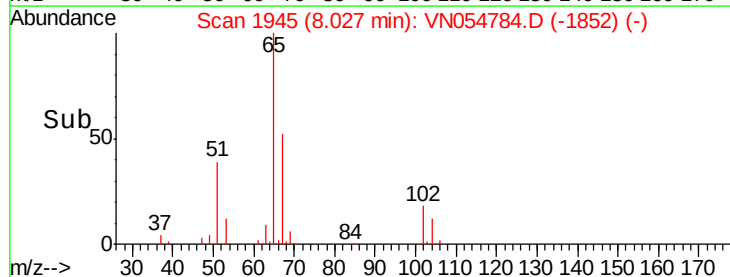
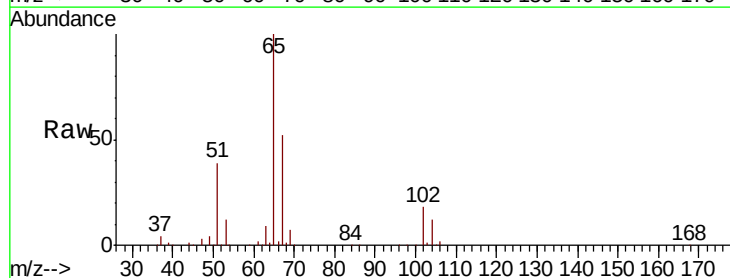
Instrument :
MSVOA_N
ClientSampleId :
S7B(14)

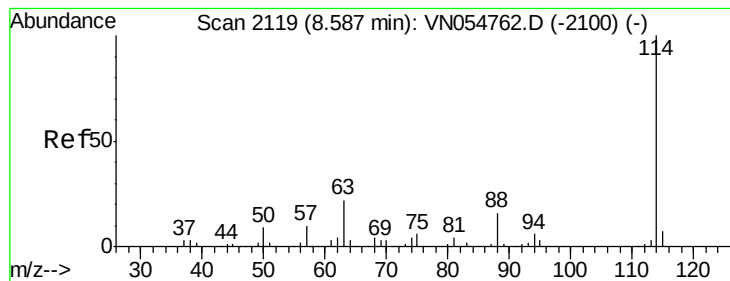
Tot Ion: 84 Resp: 20585
Ion Ratio Lower Upper
84 100
49 142.3 89.7 134.5#
51 44.1 28.2 42.4#
86 63.6 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 48.927 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054784.D
Acq: 29 Mar 2019 21:31

Tgt Ion: 65 Resp: 359351
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054784.D

Acq: 29 Mar 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

S7B(14)

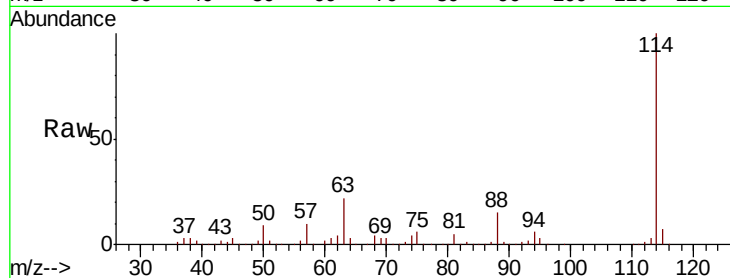
Tot Ion:114 Resp: 890009

Ion Ratio Lower Upper

114 100

63 22.4 0.0 35.2

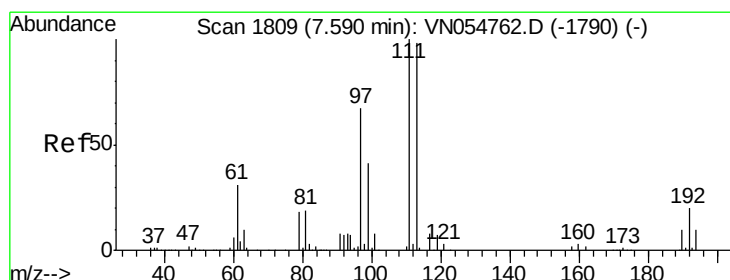
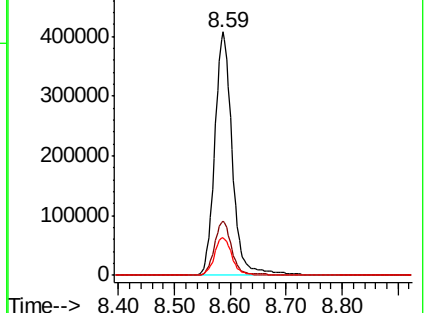
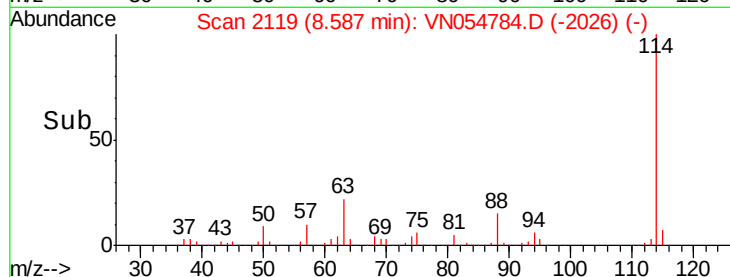
88 15.4 0.0 30.2



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: 47.683 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054784.D

Acq: 29 Mar 2019 21:31

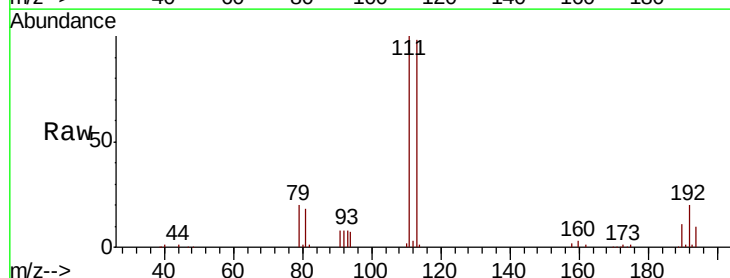
Tgt Ion:113 Resp: 282930

Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.4

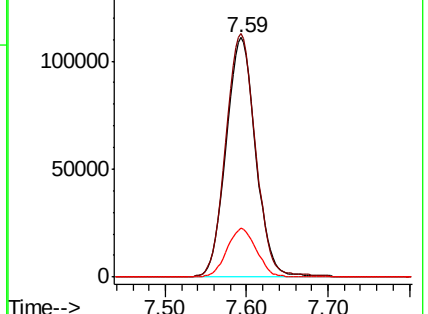
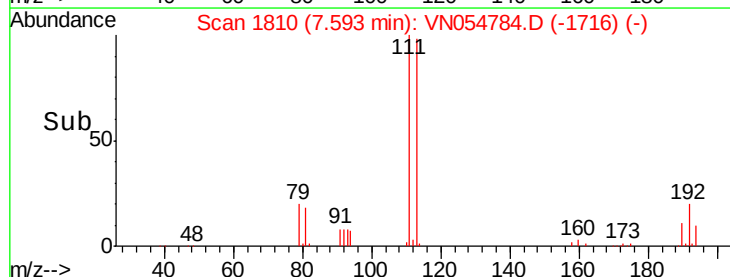
192 20.3 19.2 28.8

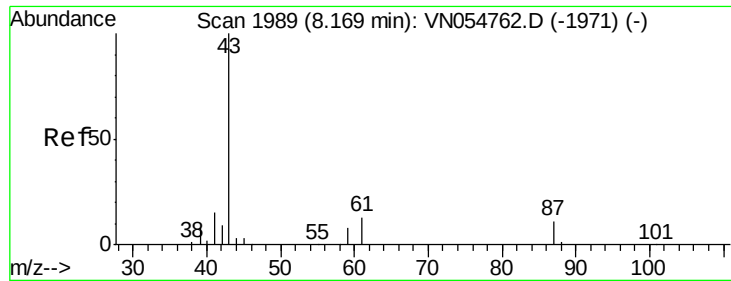


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.723 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054784.D

Acq: 29 Mar 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

S7B(14)

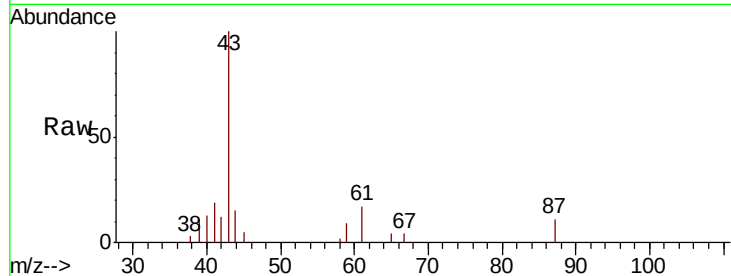
Tot Ion: 43 Resp: 17023

Ion Ratio Lower Upper

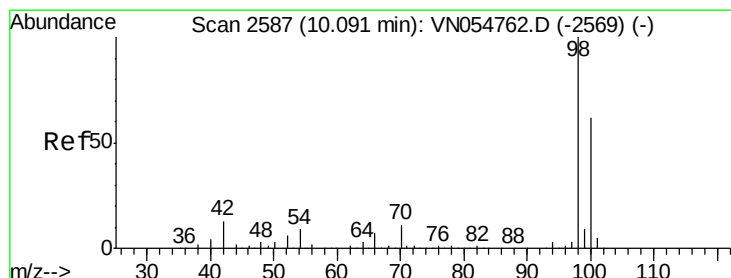
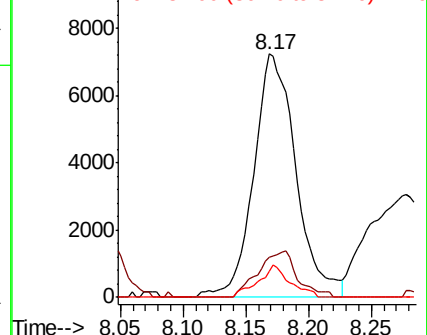
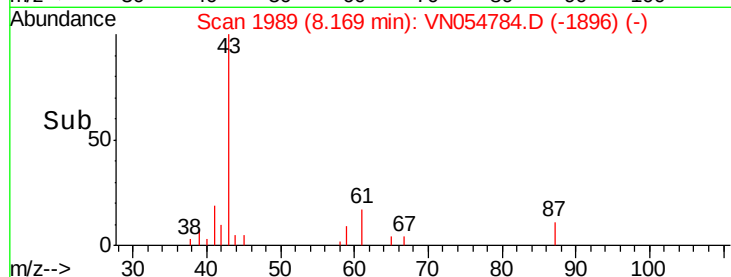
43 100

61 17.6 15.8 23.8

87 10.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054784.D (-1896) (-)



#50

Toluene-d8

Concen: 48.362 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054784.D

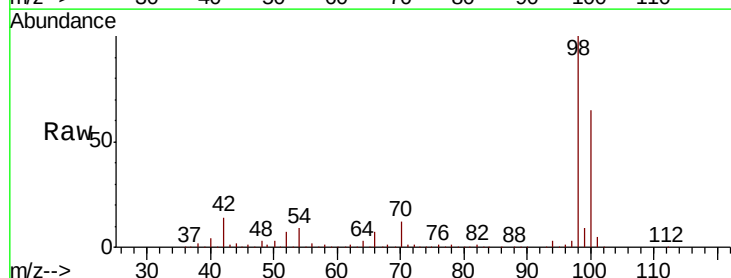
Acq: 29 Mar 2019 21:31

Tgt Ion: 98 Resp: 1066869

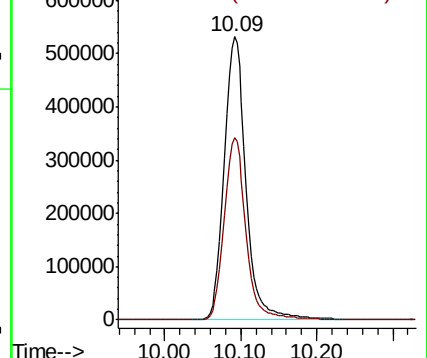
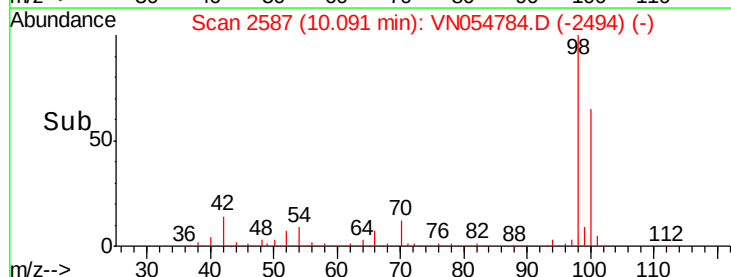
Ion Ratio Lower Upper

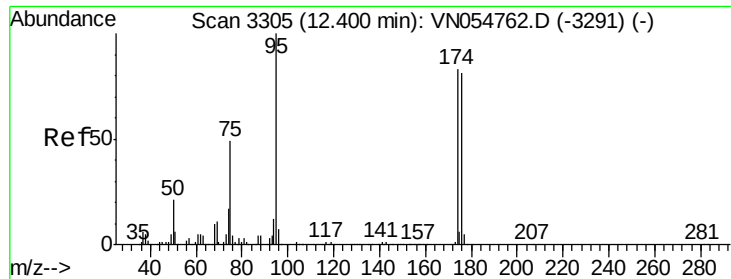
98 100

100 64.5 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054784.D (-2494) (-)

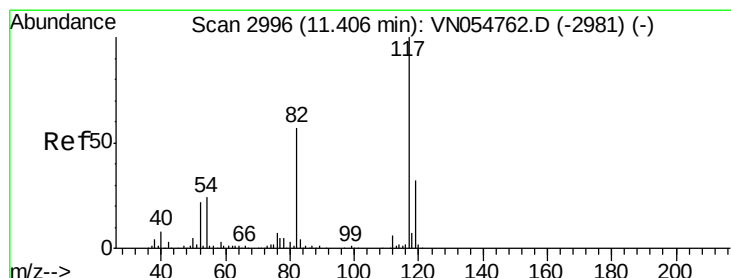
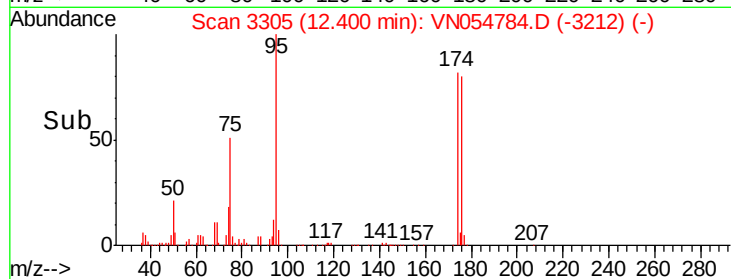
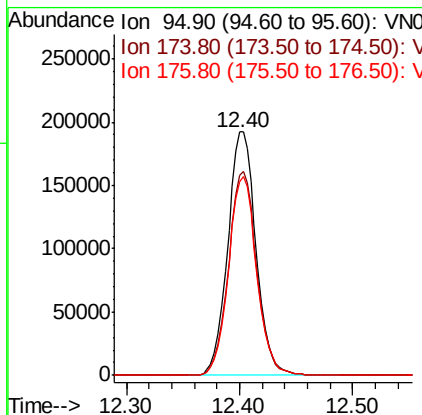
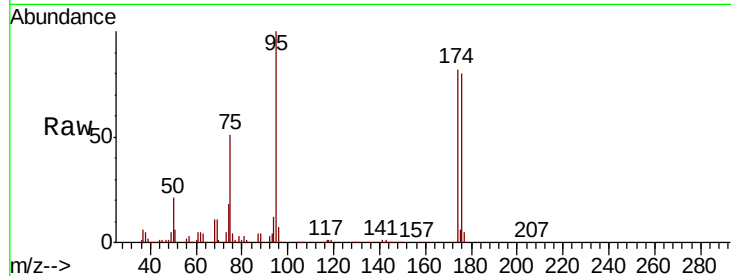




#62
4-Bromofluorobenzene
Concen: 45.379 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054784.D
Acq: 29 Mar 2019 21:31

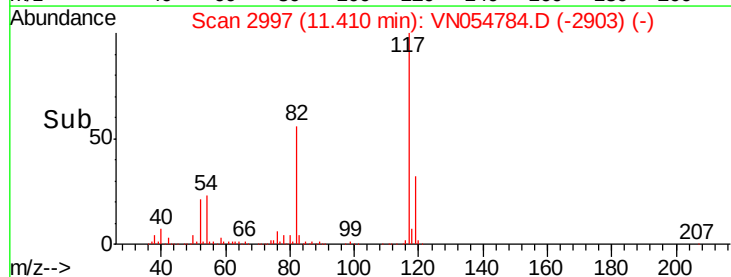
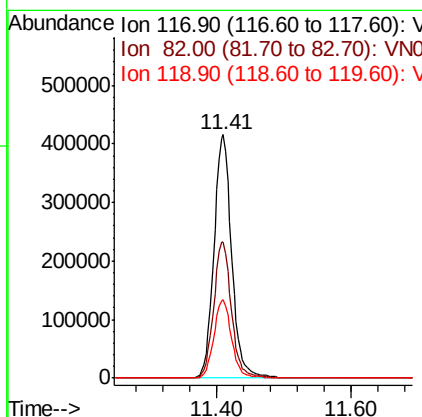
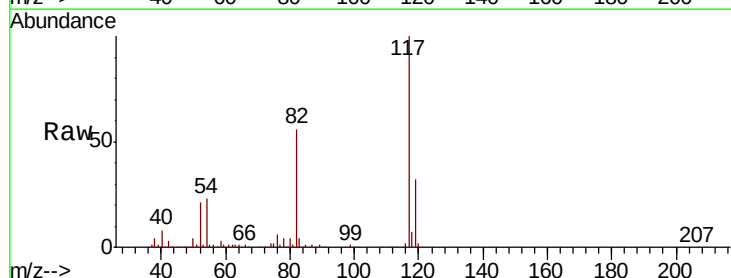
Instrument :
MSVOA_N
ClientSampled :
S7B(14)

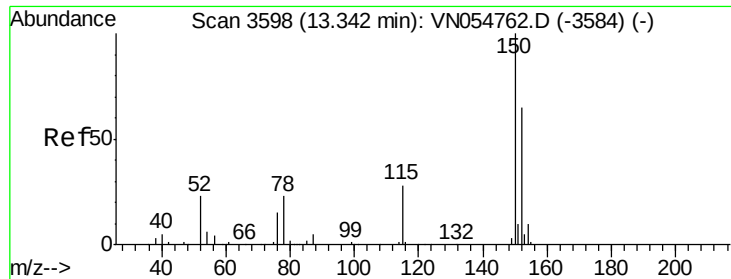
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	191.0
176	81.4	0.0	187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054784.D
Acq: 29 Mar 2019 21:31

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.7	40.0	60.0
119	32.0	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN054784.D

Acq: 29 Mar 2019 21:31

Instrument :

MSVOA_N

ClientSampleId :

S7B(14)

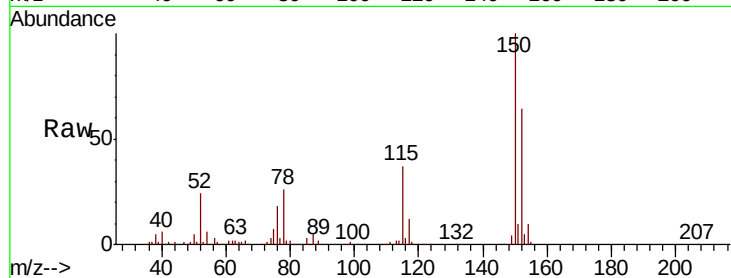
Tot Ion:152 Resp: 276143

Ion Ratio Lower Upper

152 100

115 58.0 27.2 81.6

150 157.7 0.0 349.2



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

