

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112018\
 Data File : VN052423.D
 Acq On : 20 Nov 2018 22:12
 Operator : MD\SY
 Sample : J6000-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-12072-11929

Quant Time: Nov 21 01:01:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

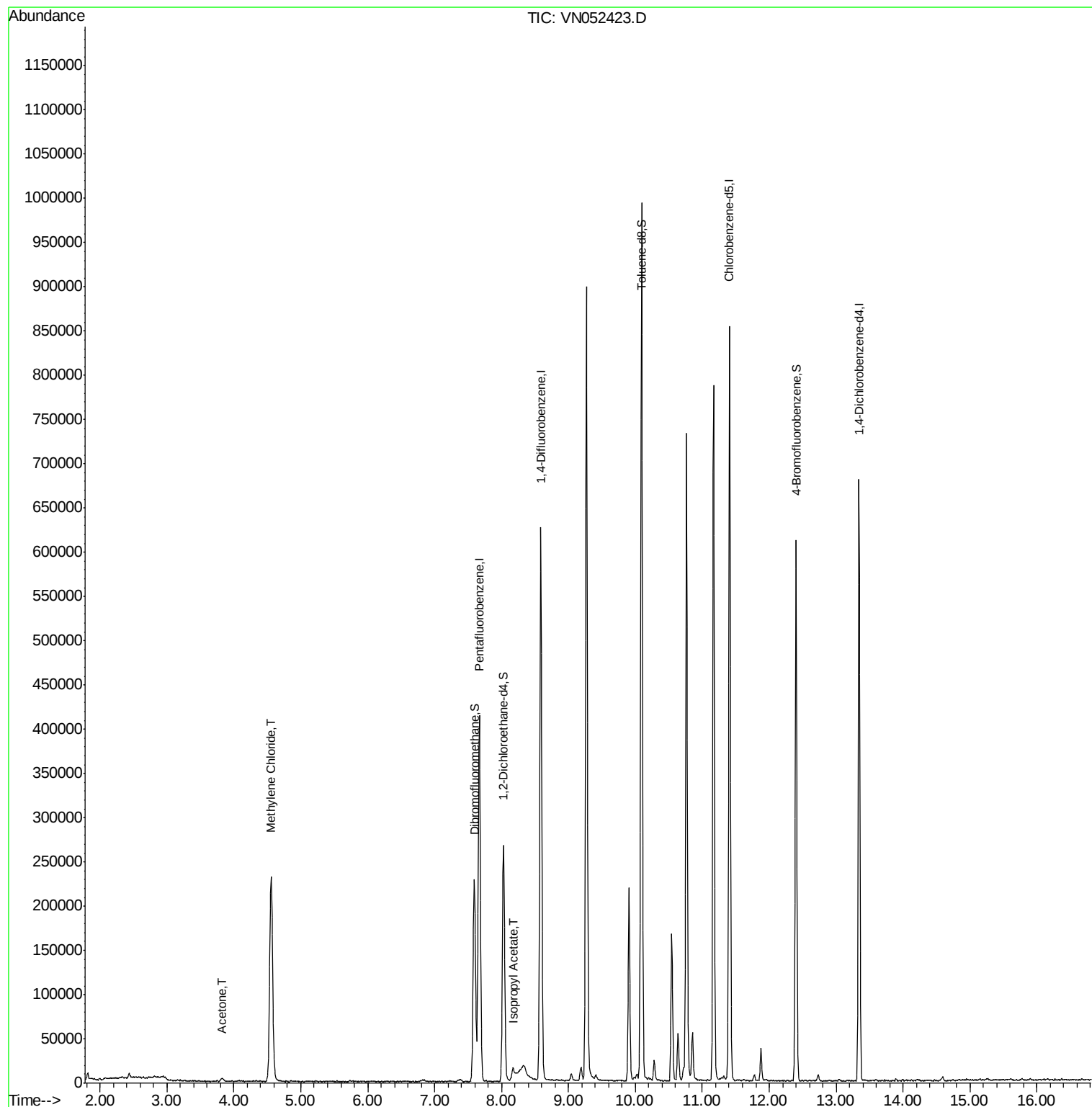
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	300448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	503098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	434192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	157141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	228052	53.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.48%	
35) Dibromofluoromethane	7.59	113	169844	52.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.68%	
50) Toluene-d8	10.09	98	642848	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
62) 4-Bromofluorobenzene	12.40	95	193007	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
Target Compounds						
16) Acetone	3.82	43	5931	5.08	ug/l #	89
20) Methylene Chloride	4.56	84	153493	43.09	ug/l	97
43) Isopropyl Acetate	8.17	43	21830	3.09	ug/l #	94

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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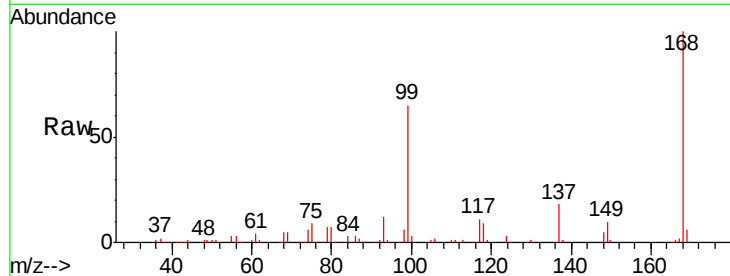
FS-12072-11929

Tgt Ion:168 Resp: 300448

Ion Ratio Lower Upper

168 100

99 65.3 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

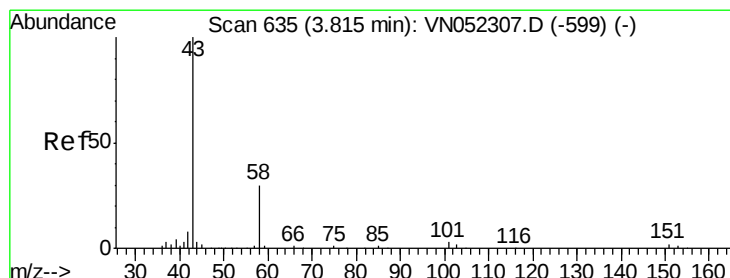
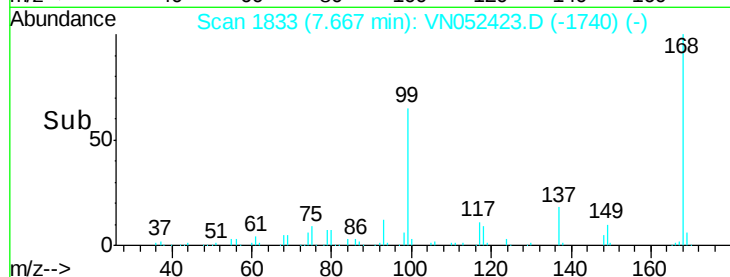
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.08 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052423.D

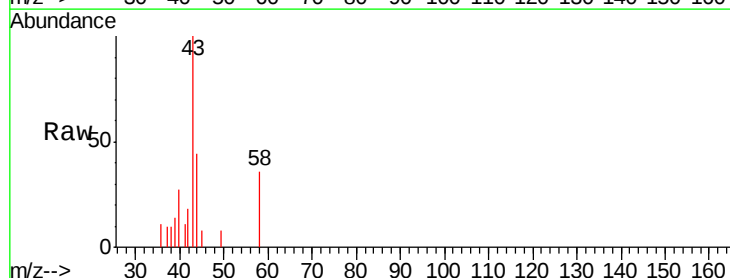
Acq: 20 Nov 2018 22:12

Tgt Ion: 43 Resp: 5931

Ion Ratio Lower Upper

43 100

58 36.4 24.2 36.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

2000

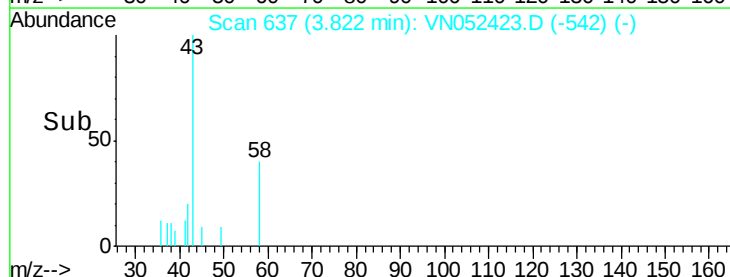
1500

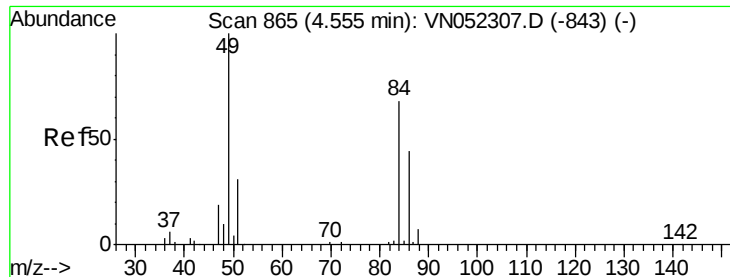
1000

500

0

Time-->

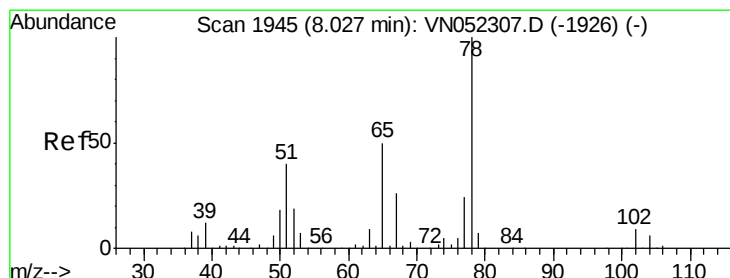
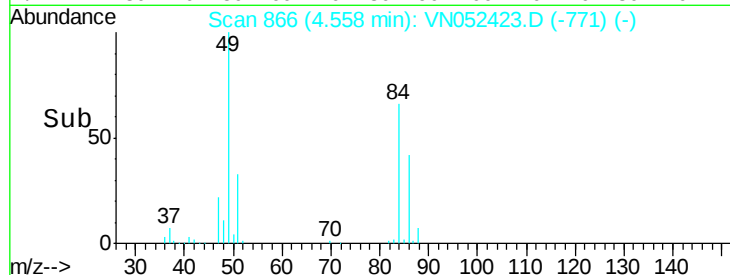
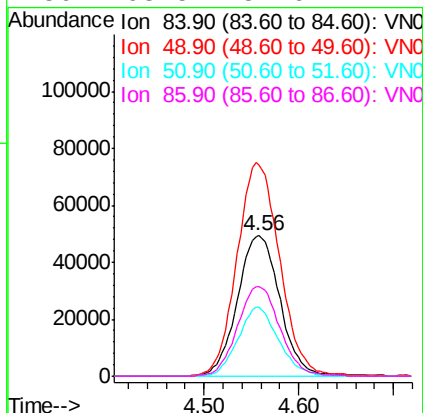
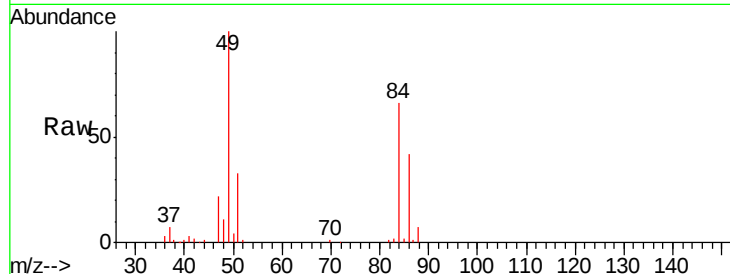




#20
Methylene Chloride
Concen: 43.09 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052423.D
Acq: 20 Nov 2018 22:12

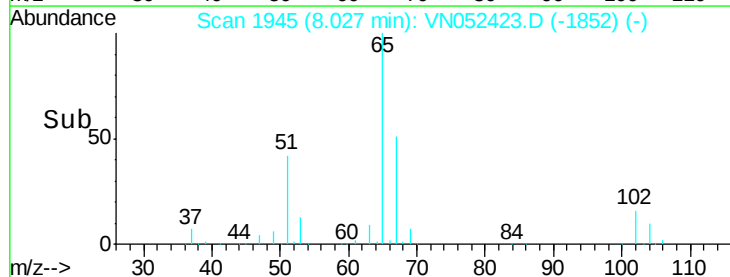
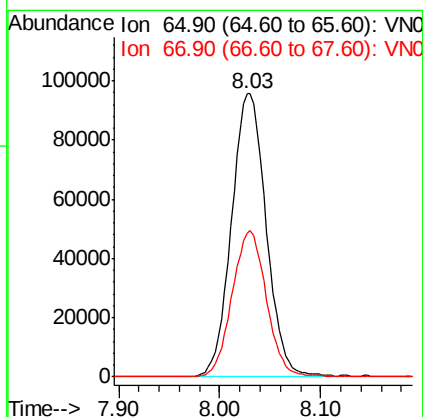
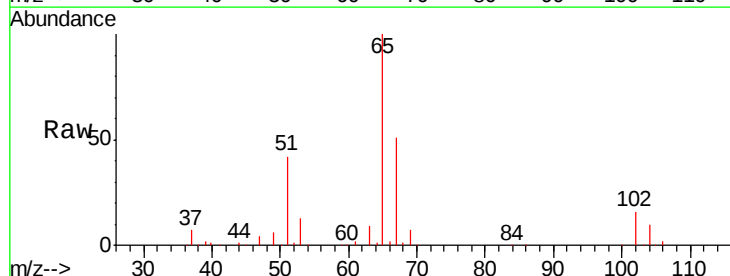
Instrument :
MSVOA_N
ClientSampleId :
FS-12072-11929

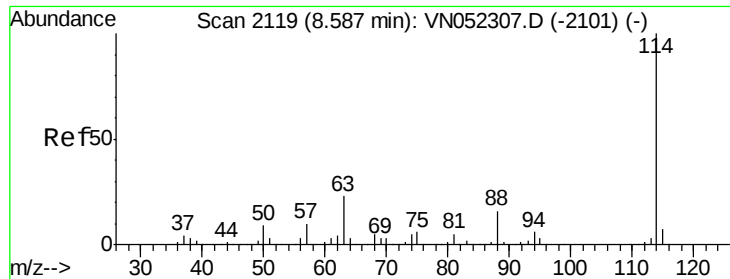
Tgt Ion: 84 Resp: 153493
Ion Ratio Lower Upper
84 100
49 150.6 118.2 177.2
51 49.0 36.1 54.1
86 63.5 51.6 77.4



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052423.D
Acq: 20 Nov 2018 22:12

Tgt Ion: 65 Resp: 228052
Ion Ratio Lower Upper
65 100
67 51.2 0.0 105.2

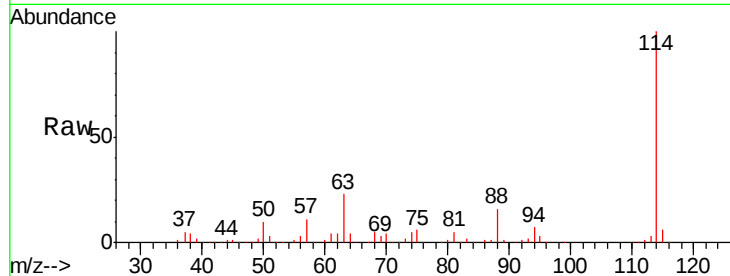




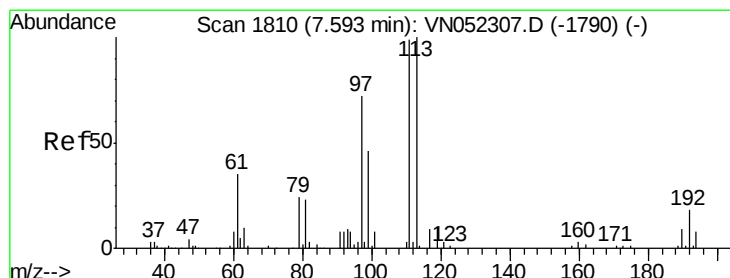
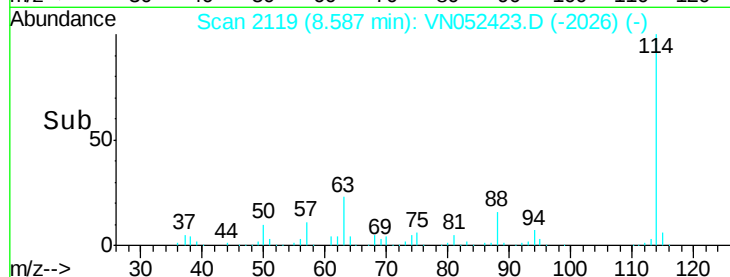
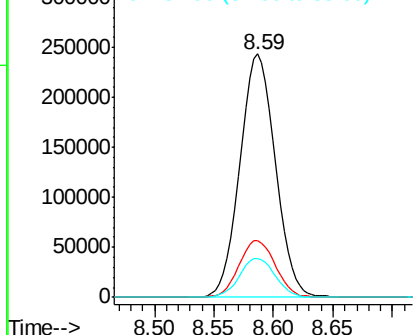
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052423.D
 Acq: 20 Nov 2018 22:12

Instrument :
 MSVOA_N
 ClientSampleId :
 FS-12072-11929

Tgt Ion:114 Resp: 503098
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.4
 88 15.7 0.0 31.2

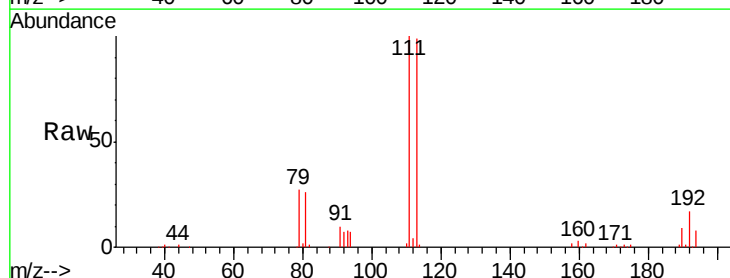


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

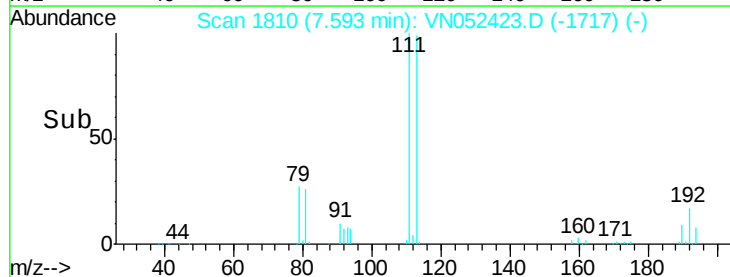
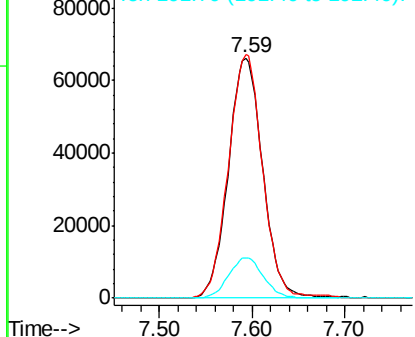


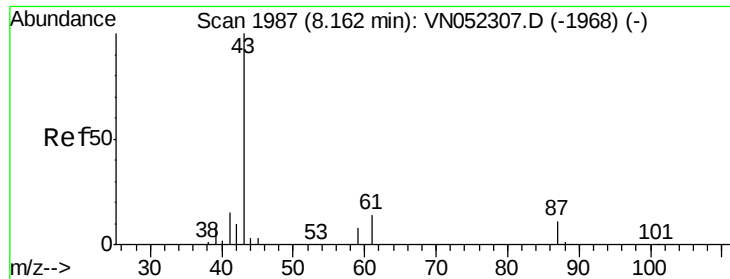
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052423.D
 Acq: 20 Nov 2018 22:12

Tgt Ion:113 Resp: 169844
 Ion Ratio Lower Upper
 113 100
 111 100.6 81.0 121.6
 192 16.9 13.8 20.6



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: 3.09 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN052423.D

Acq: 20 Nov 2018 22:12

Instrument :

MSVOA_N

ClientSampleId :

FS-12072-11929

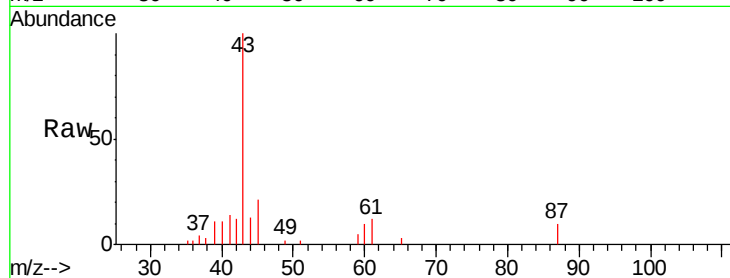
Tgt Ion: 43 Resp: 21830

Ion Ratio Lower Upper

43 100

61 12.5 12.0 18.0

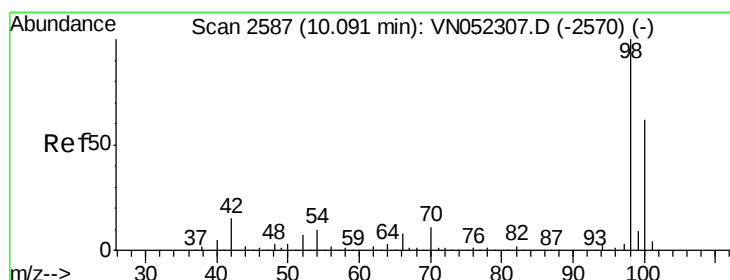
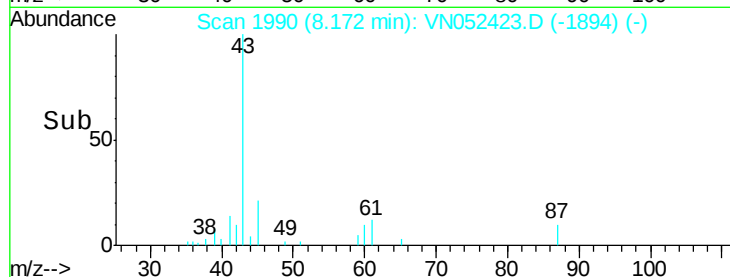
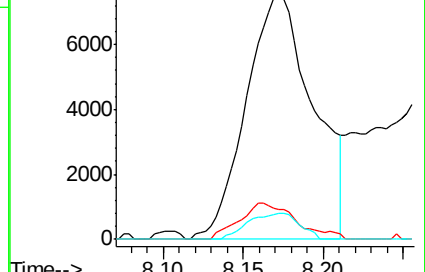
87 8.0 8.3 12.5#



Abundance Ion 43.00 (42.70 to 43.70): VN052423.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052423.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052423.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052423.D

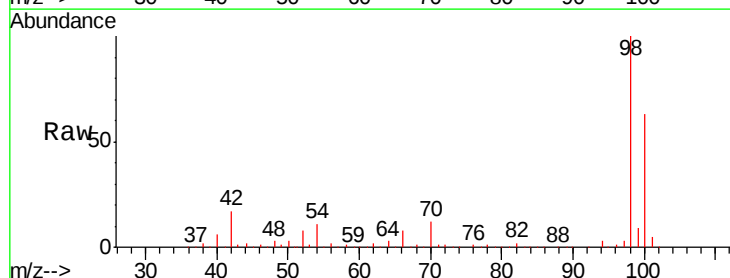
Acq: 20 Nov 2018 22:12

Tgt Ion: 98 Resp: 642848

Ion Ratio Lower Upper

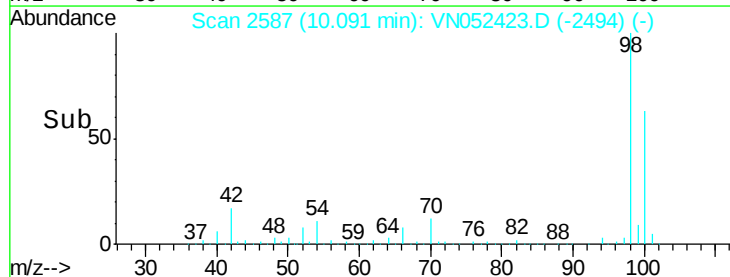
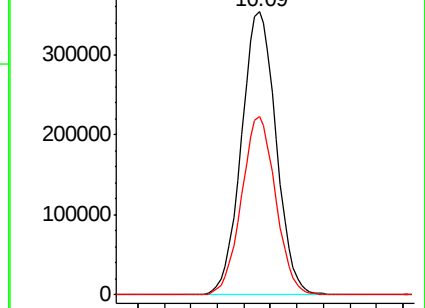
98 100

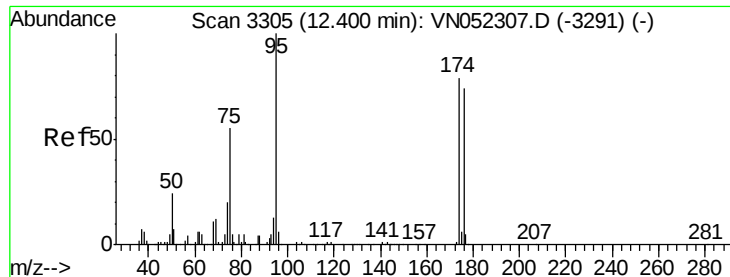
100 61.9 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN052423.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052423.D (-2570) (-)

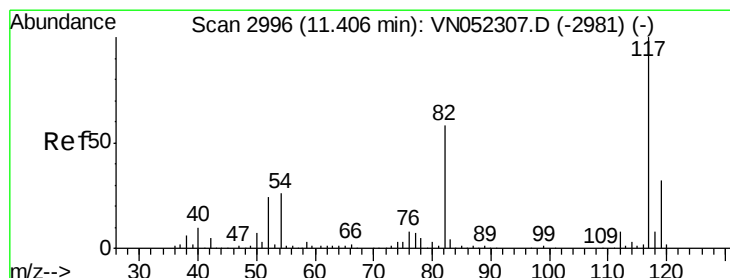
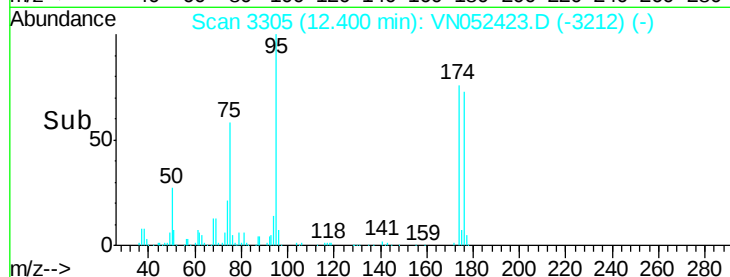
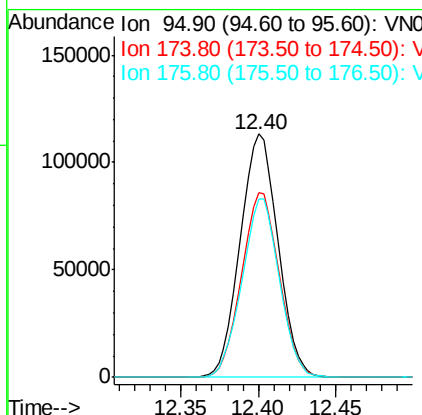
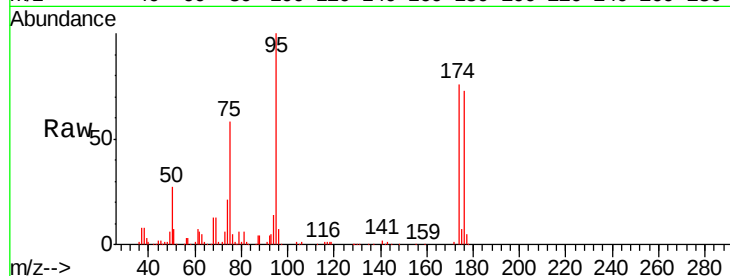




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN052423.D
Acq: 20 Nov 2018 22:12

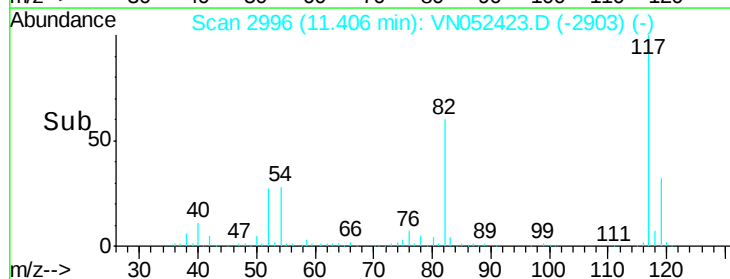
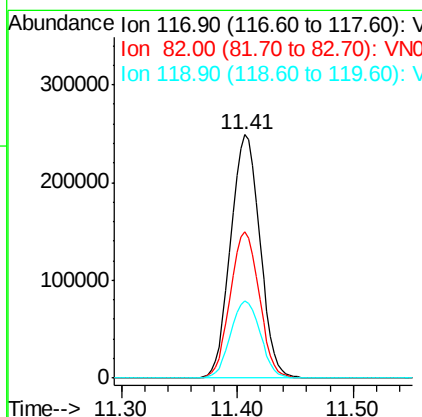
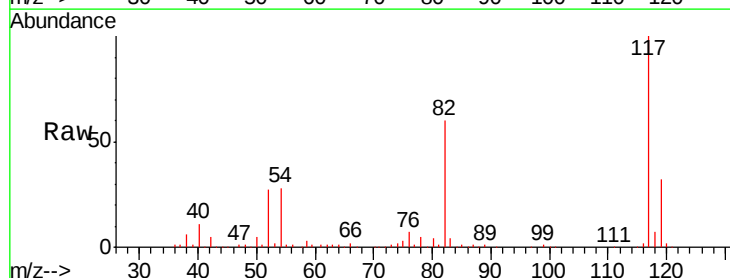
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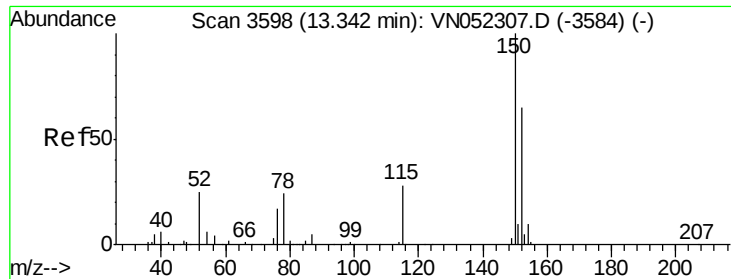
Tgt Ion: 95 Resp: 193007
Ion Ratio Lower Upper
95 100
174 75.5 0.0 156.0
176 72.5 0.0 148.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052423.D
Acq: 20 Nov 2018 22:12

Tgt Ion: 117 Resp: 434192
Ion Ratio Lower Upper
117 100
82 60.1 46.5 69.7
119 31.7 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052423.D

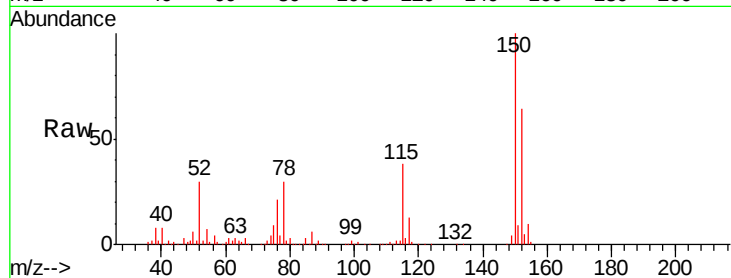
Acq: 20 Nov 2018 22:12

Instrument :

MSVOA_N

ClientSampleId :

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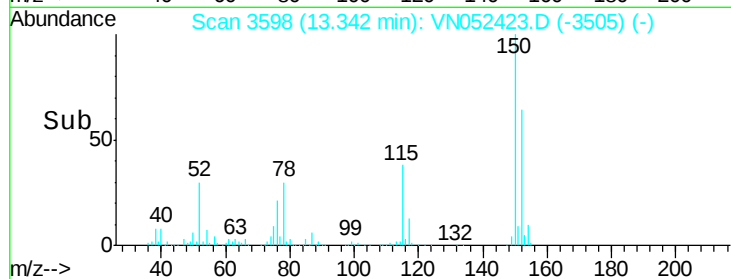
Tgt Ion:152 Resp: 157141

Ion Ratio Lower Upper

152 100

115 61.4 30.3 91.0

150 156.7 0.0 348.2



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

