

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054728.D
 Acq On : 27 Mar 2019 17:55
 Operator : JC/SP
 Sample : K2097-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-6

Quant Time: Mar 28 07:26:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

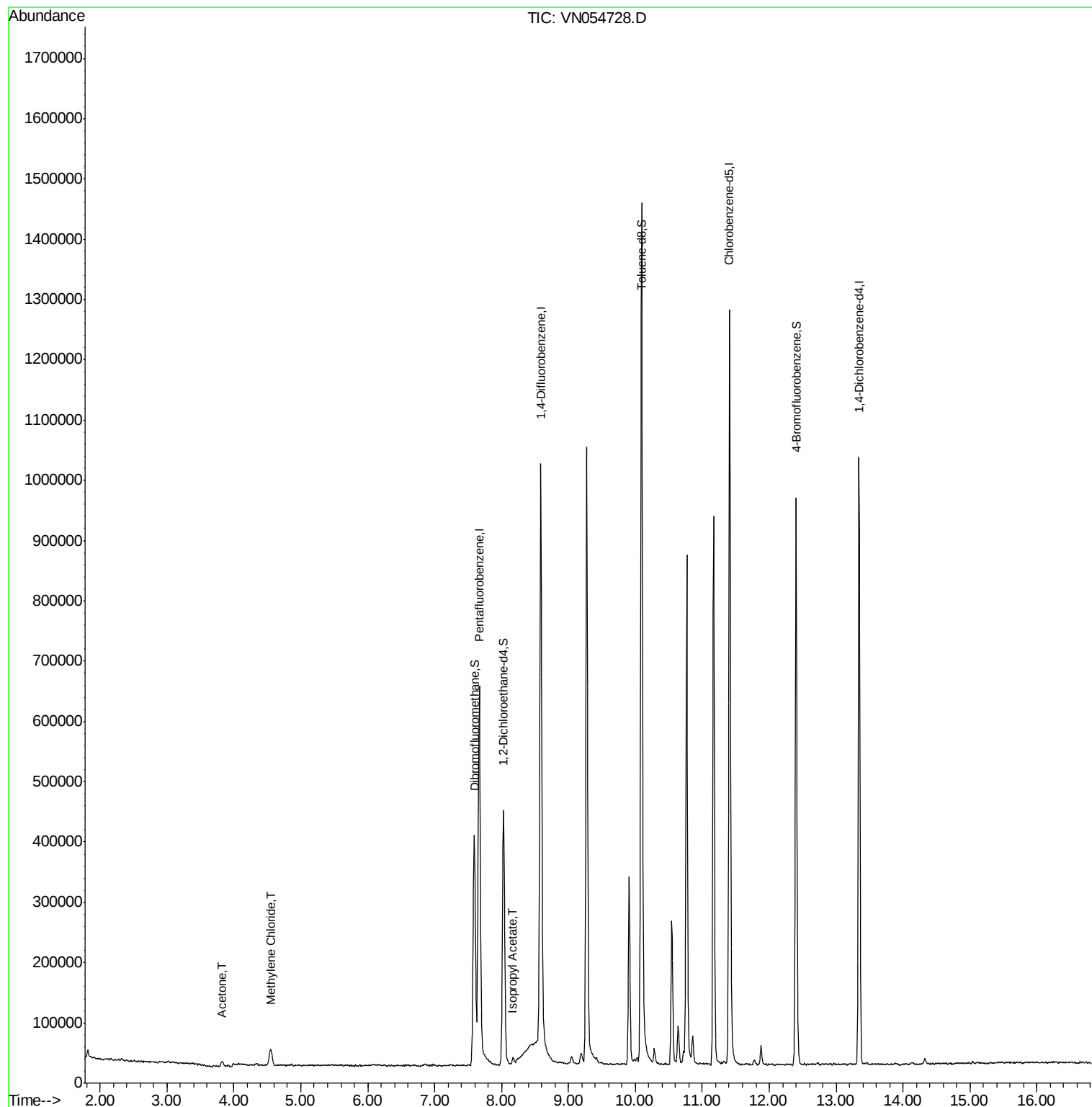
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	548753	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	742873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	265430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	360369	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
35) Dibromofluoromethane	7.59	113	285542	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
50) Toluene-d8	10.09	98	1067656	49.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.40	95	320469	43.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.28%	
Target Compounds						
16) Acetone	3.82	43	12450	6.067	ug/l	94
20) Methylene Chloride	4.55	84	18989	3.139	ug/l	91
43) Isopropyl Acetate	8.18	43	15296	1.528	ug/l #	85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032719\
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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: VN054728.D

Acq: 27 Mar 2019 17:55

Instrument :

MSVOA_N

ClientSampled :

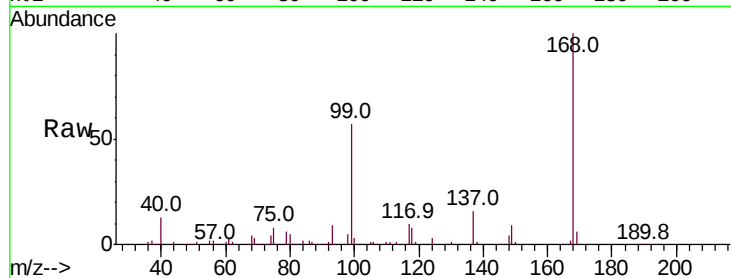
CS-6

Tot Ion:168 Resp: 548753

Ion Ratio Lower Upper

168 100

99 57.5 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

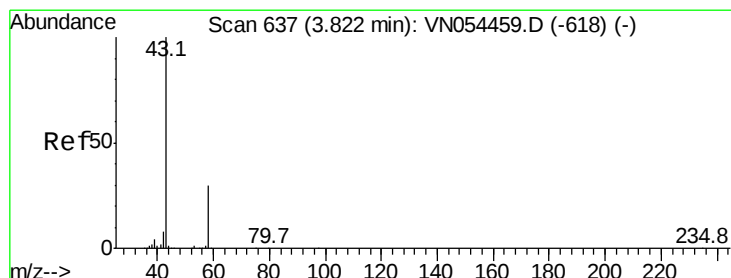
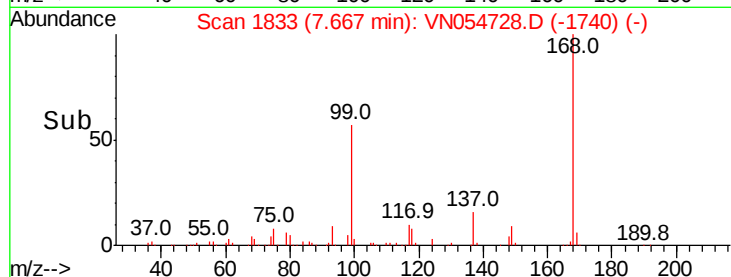
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.067 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054728.D

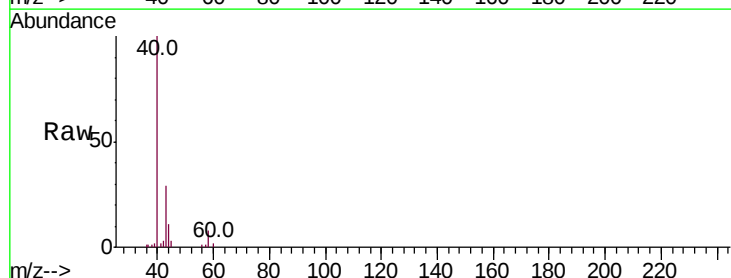
Acq: 27 Mar 2019 17:55

Tgt Ion: 43 Resp: 12450

Ion Ratio Lower Upper

43 100

58 33.7 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

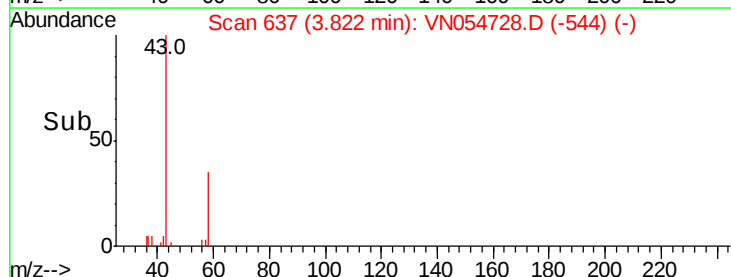
6000

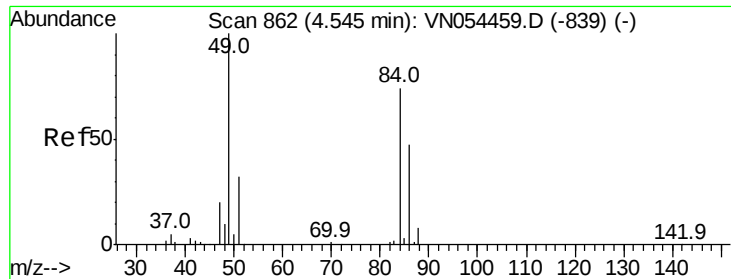
4000

2000

0

Time--> 3.75 3.80 3.85 3.90

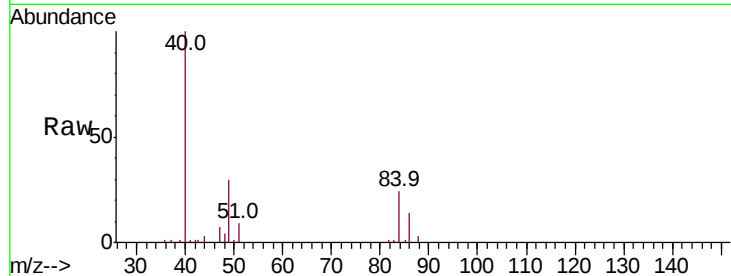




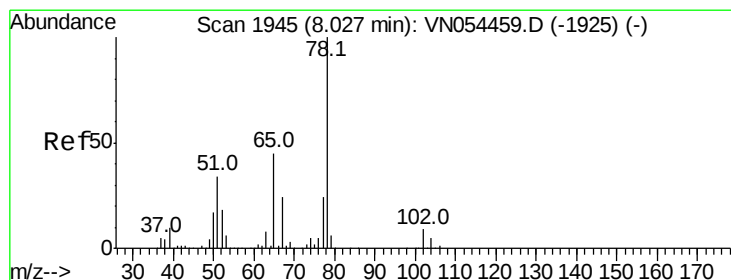
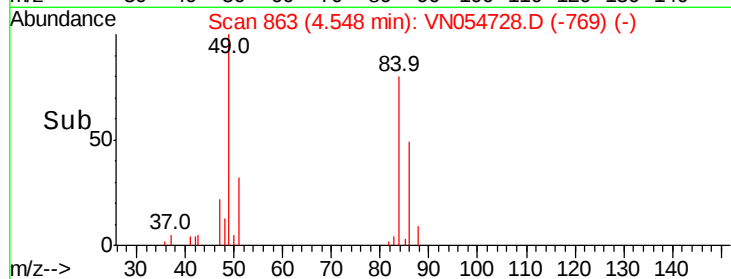
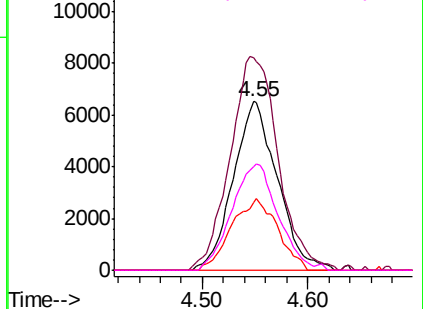
#20
Methvlene Chloride
Concen: 3.139 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054728.D
Acq: 27 Mar 2019 17:55

Instrument :
MSVOA_N
ClientSampleId :
CS-6

Tot Ion: 84 Resp: 18989
Ion Ratio Lower Upper
84 100
49 125.6 89.7 134.5
51 40.0 28.2 42.4
86 61.1 50.8 76.2

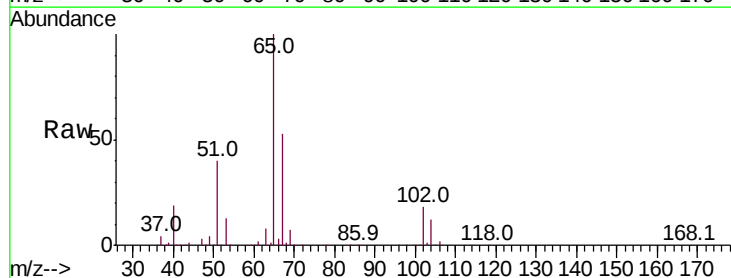


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

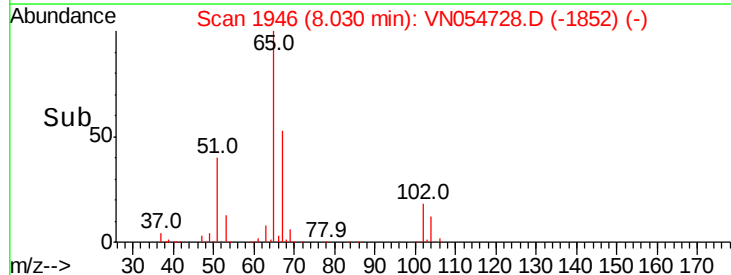
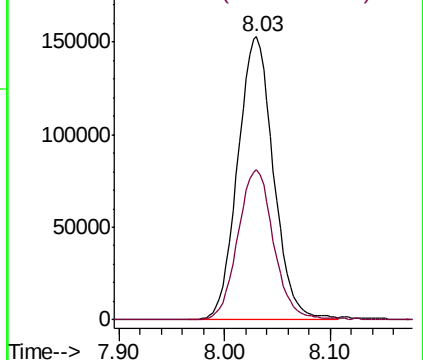


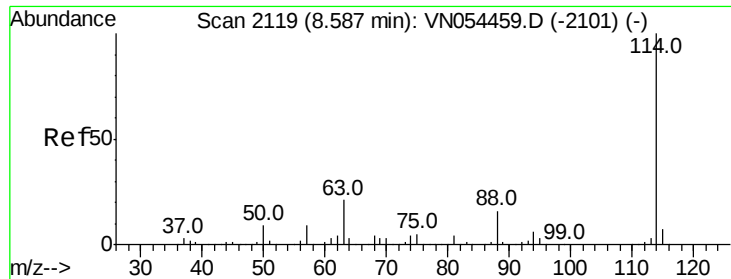
#33
1,2-Dichloroethane-d4
Concen: 52.797 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN054728.D
Acq: 27 Mar 2019 17:55

Tgt Ion: 65 Resp: 360369
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

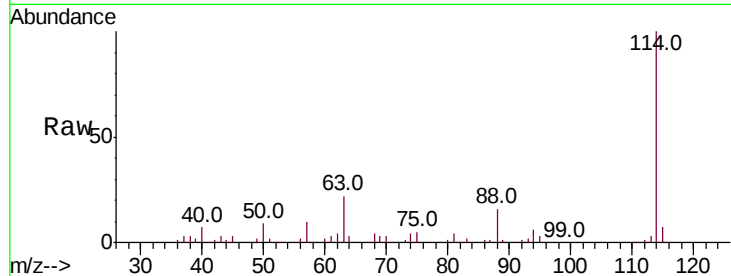




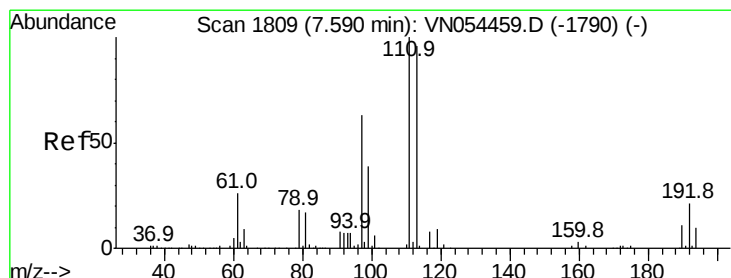
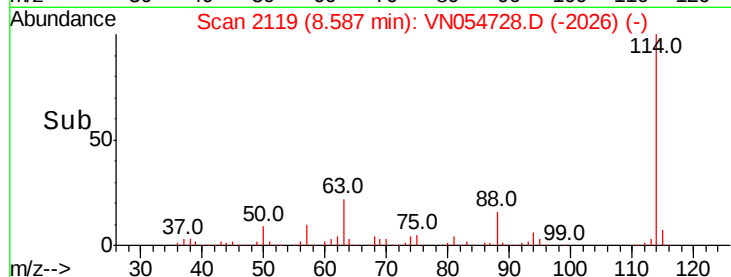
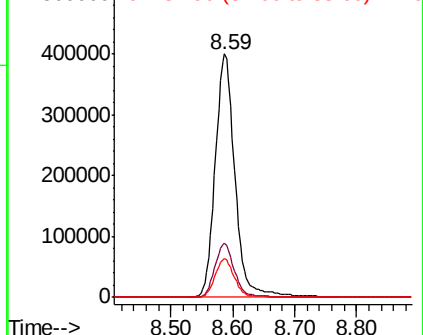
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054728.D
 Acq: 27 Mar 2019 17:55

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-6

Tot Ion:114 Resp: 891034
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 35.2
 88 15.7 0.0 30.2

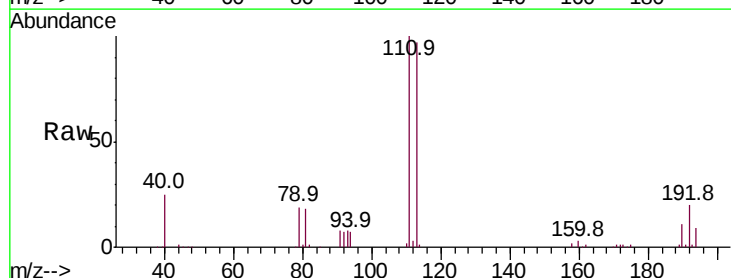


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

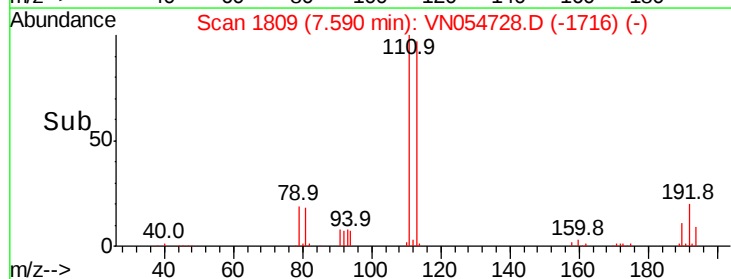
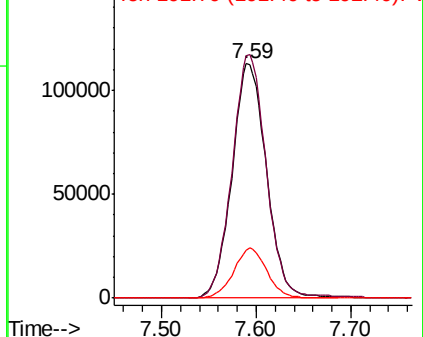


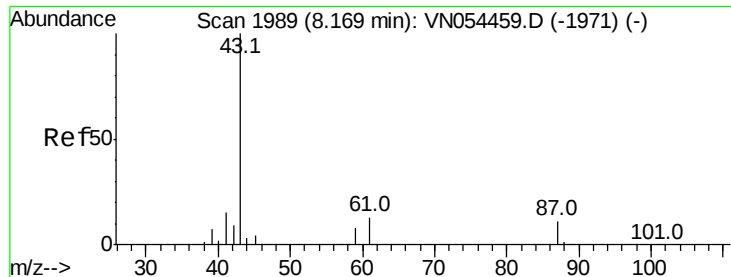
#35
 Dibromofluoromethane
 Concen: 49.742 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN054728.D
 Acq: 27 Mar 2019 17:55

Tgt Ion:113 Resp: 285542
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 20.5 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: 1.528 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054728.D

Acq: 27 Mar 2019 17:55

Instrument :

MSVOA_N

ClientSampled :

CS-6

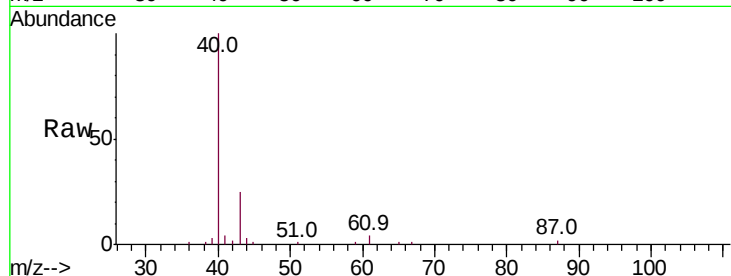
Tot Ion: 43 Resp: 15296

Ion Ratio Lower Upper

43 100

61 16.6 15.8 23.8

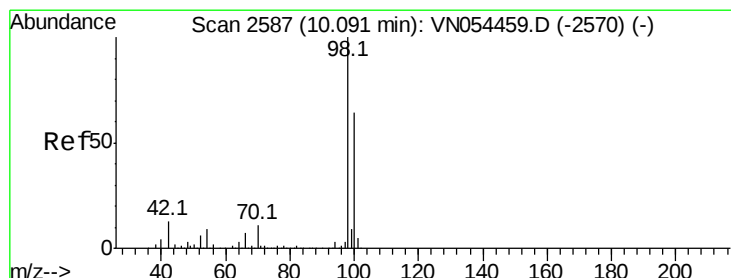
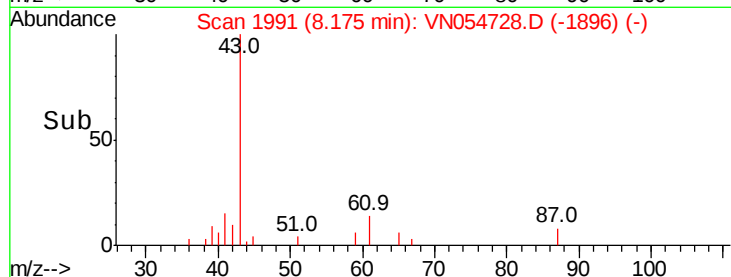
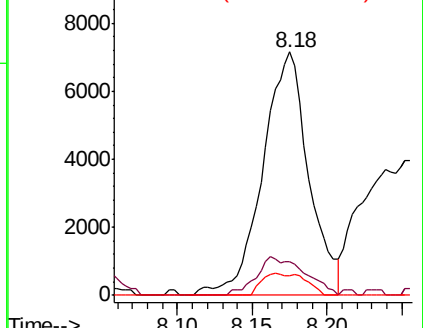
87 4.6 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 49.473 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054728.D

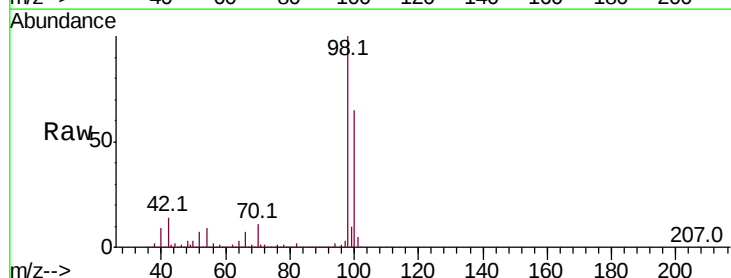
Acq: 27 Mar 2019 17:55

Tgt Ion: 98 Resp: 1067656

Ion Ratio Lower Upper

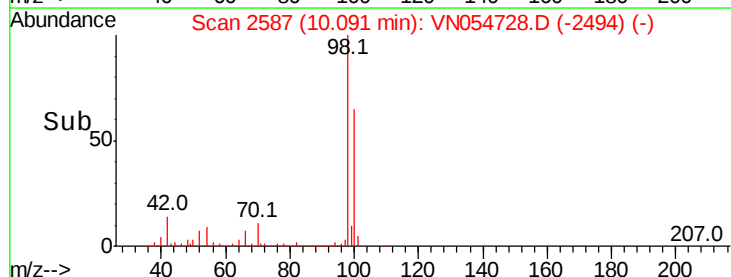
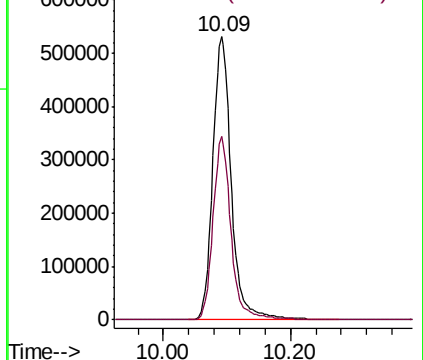
98 100

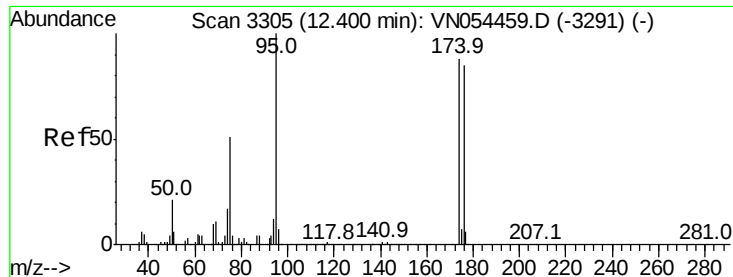
100 63.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.640 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054728.D

Acq: 27 Mar 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

CS-6

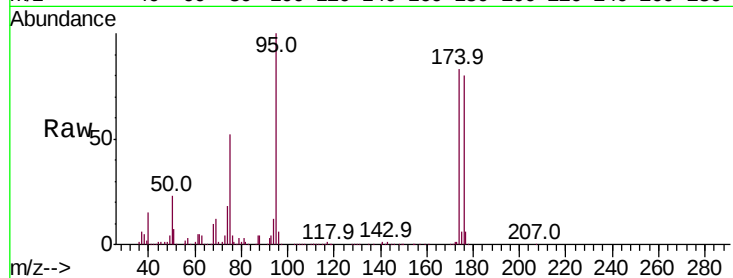
Tot Ion: 95 Resp: 320469

Ion Ratio Lower Upper

95 100

174 85.2 0.0 191.0

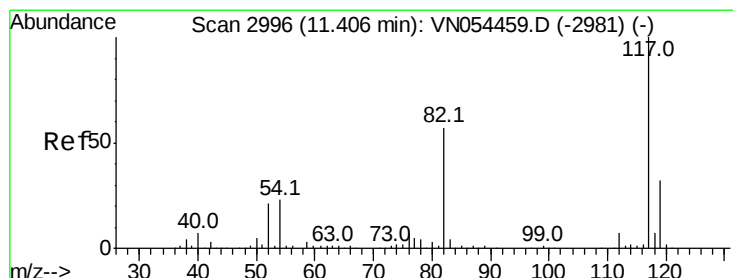
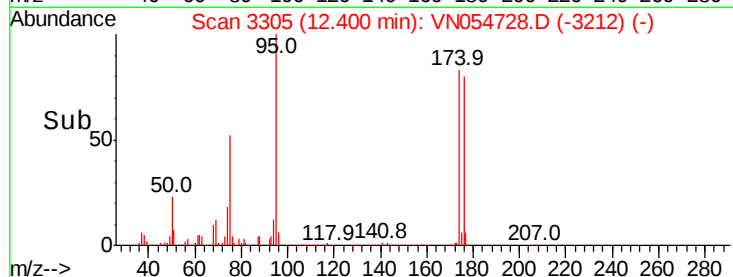
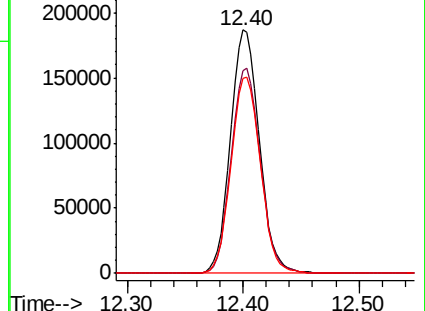
176 82.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054459.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN054459.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN054459.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN054728.D

Acq: 27 Mar 2019 17:55

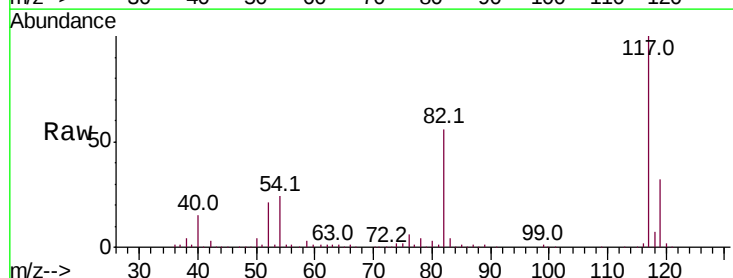
Tgt Ion: 117 Resp: 742873

Ion Ratio Lower Upper

117 100

82 56.2 40.0 60.0

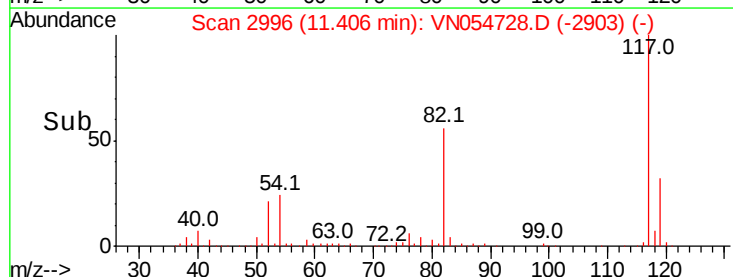
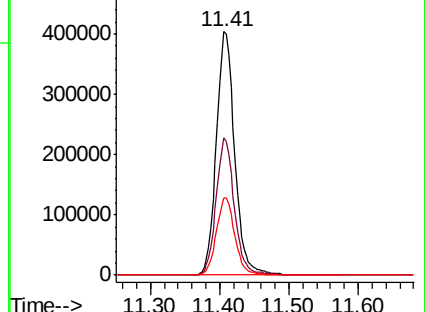
119 32.0 25.8 38.6

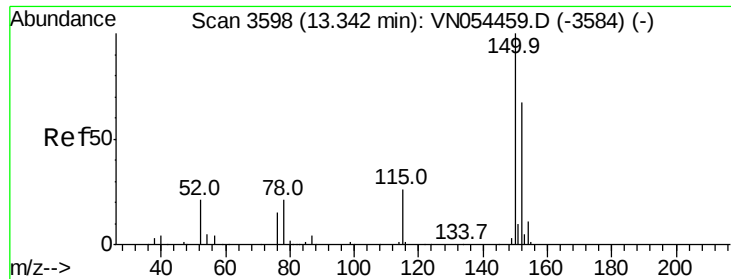


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN054459.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN054459.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: VN054728.D

Acq: 27 Mar 2019 17:55

Instrument :

MSVOA_N

ClientSampleId :

CS-6

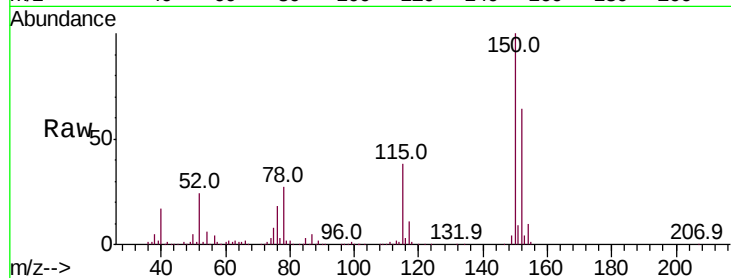
Tot Ion:152 Resp: 265430

Ion Ratio Lower Upper

152 100

115 58.6 27.2 81.6

150 157.1 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

