

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032719\
 Data File : VN054727.D
 Acq On : 27 Mar 2019 17:28
 Operator : JC/SP
 Sample : K2097-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-19

Quant Time: Mar 28 07:25:23 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

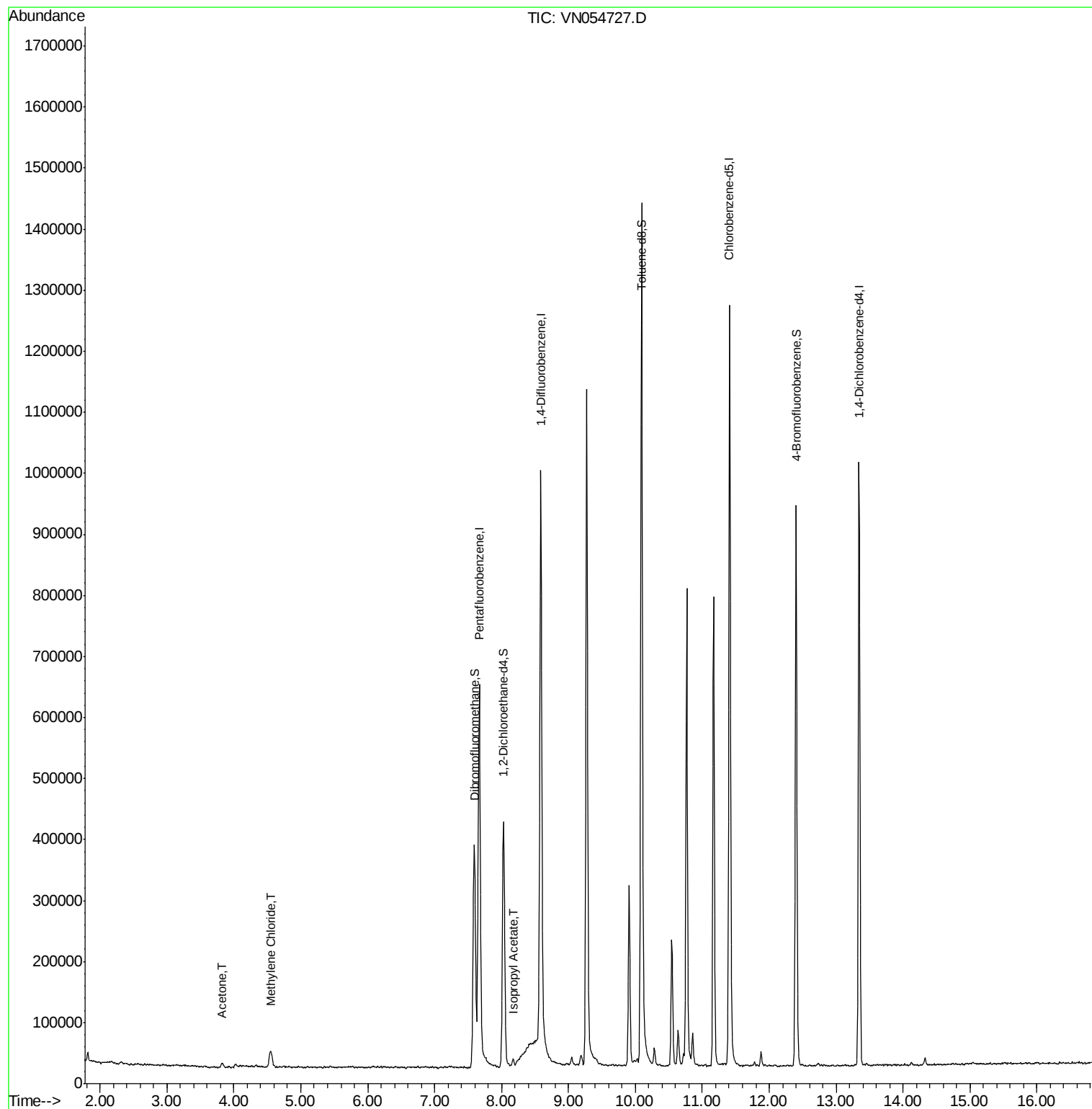
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	535527	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	736430	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	263058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	349841	52.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.04%	
35) Dibromofluoromethane	7.59	113	278689	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	10.09	98	1056641	49.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.40	95	320651	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
Target Compounds						
16) Acetone	3.82	43	12067	6.025	ug/l #	76
20) Methylene Chloride	4.55	84	18707	3.169	ug/l #	82
43) Isopropyl Acetate	8.18	43	14205	1.442	ug/l #	63

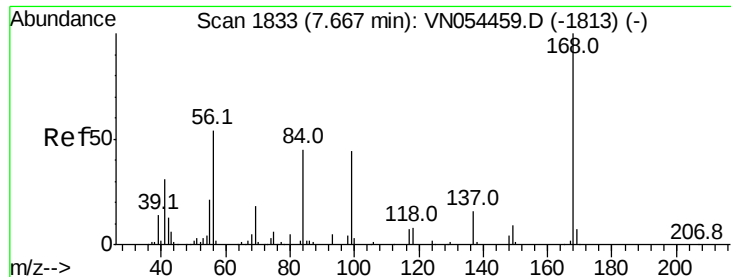
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054727.D

Acq: 27 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

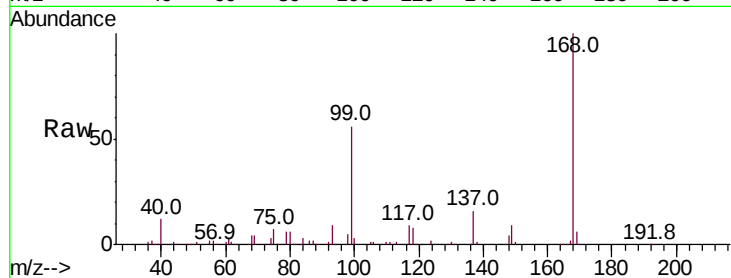
CS-19

Tot Ion:168 Resp: 53527

Ion Ratio Lower Upper

168 100

99 56.4 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN054727.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN054727.D (-1740) (-)

7.67

250000

200000

150000

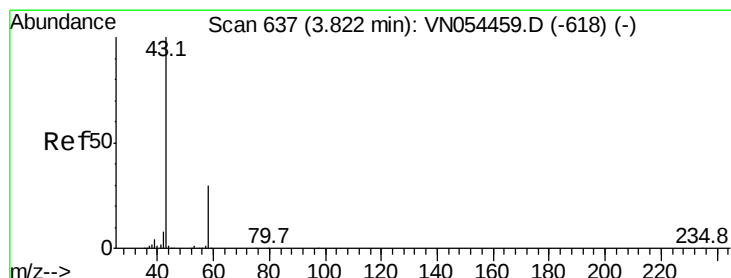
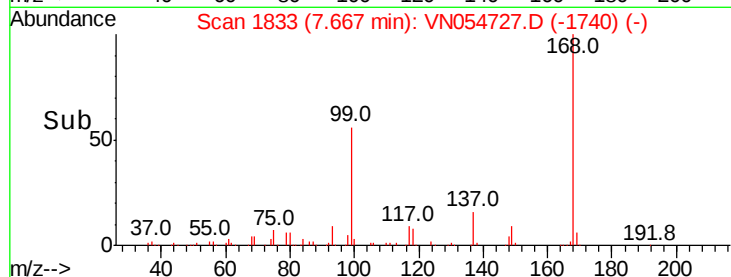
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 6.025 ug/l

RT: 3.82 min Scan# 636

Delta R.T. -0.00 min

Lab File: VN054727.D

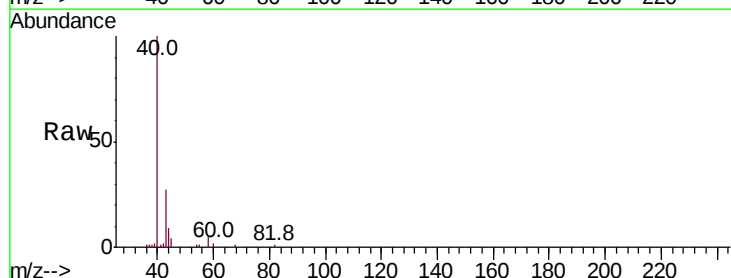
Acq: 27 Mar 2019 17:28

Tgt Ion: 43 Resp: 12067

Ion Ratio Lower Upper

43 100

58 23.2 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054727.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN054727.D (-544) (-)

3.82

6000

5000

4000

3000

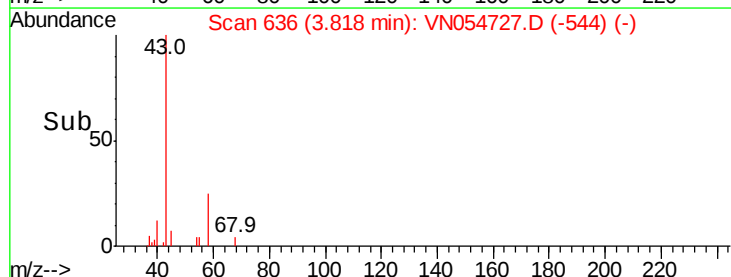
2000

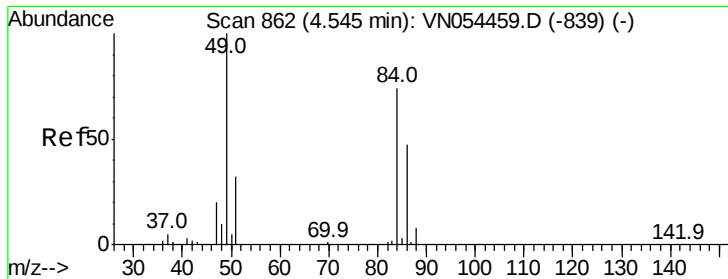
1000

0

3.75 3.80 3.85 3.90

Time-->

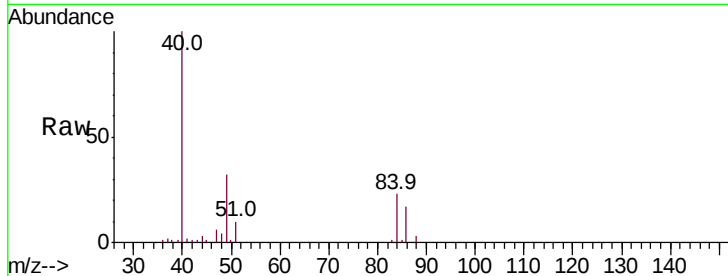




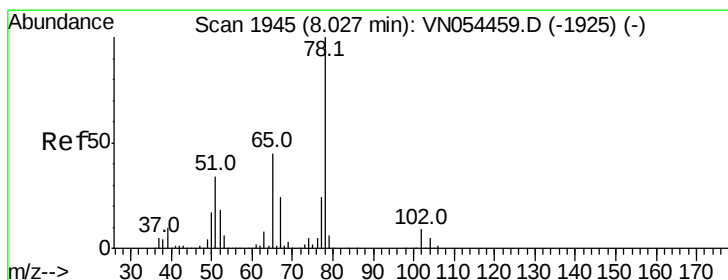
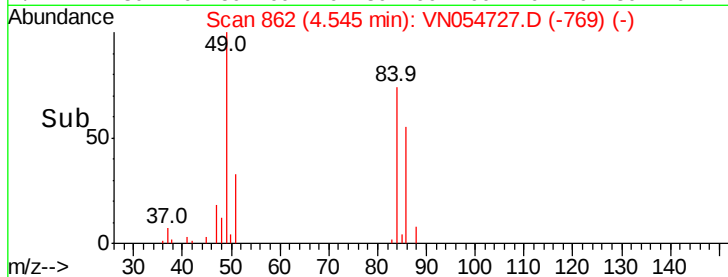
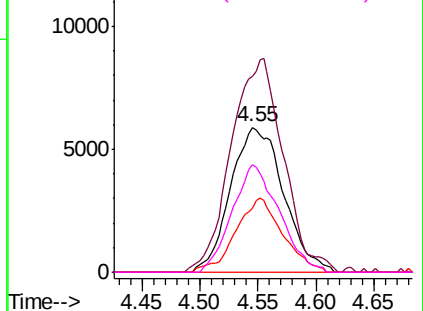
#20
Methylene Chloride
Concen: 3.169 ug/l
RT: 4.55 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN054727.D
Acq: 27 Mar 2019 17:28

Instrument :
MSVOA_N
ClientSampleId :
CS-19

Tot Ion: 84 Resp: 18707
Ion Ratio Lower Upper
84 100
49 135.5 89.7 134.5#
51 44.5 28.2 42.4#
86 74.3 50.8 76.2

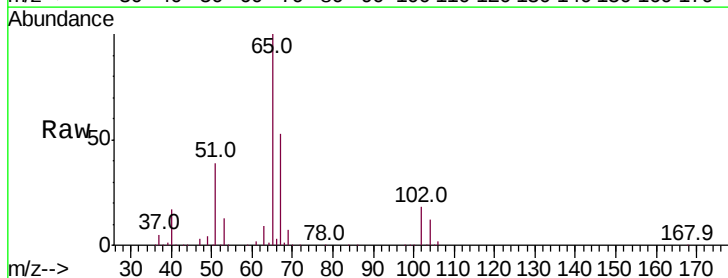


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

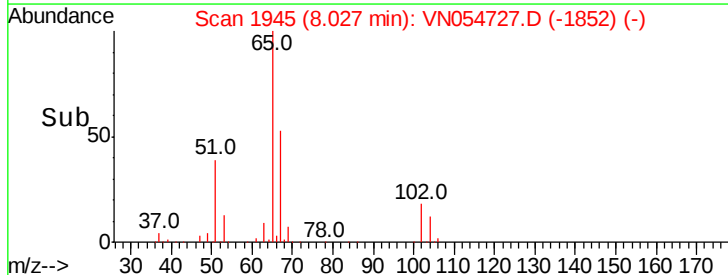
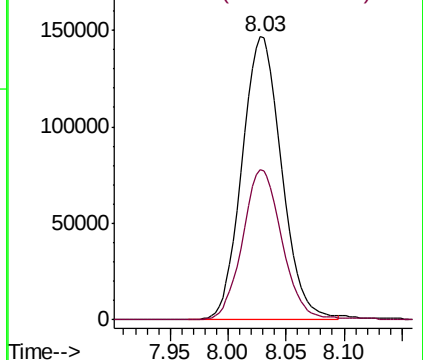


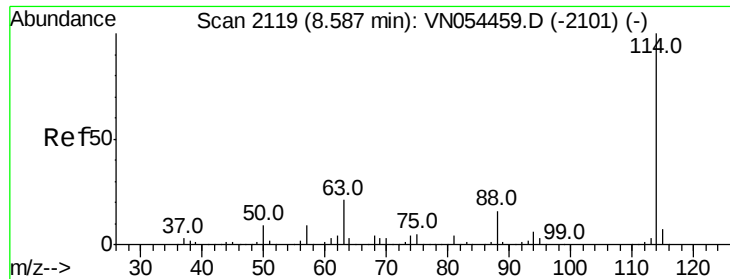
#33
1,2-Dichloroethane-d4
Concen: 52.520 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN054727.D
Acq: 27 Mar 2019 17:28

Tgt Ion: 65 Resp: 349841
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.6



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

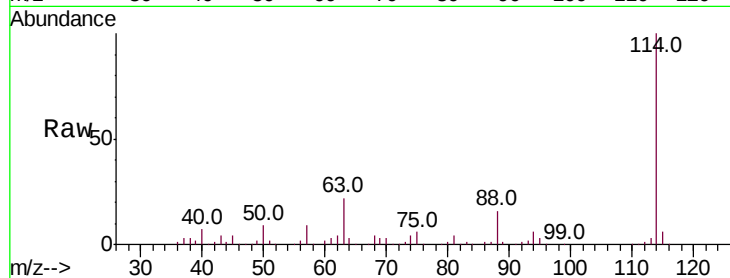




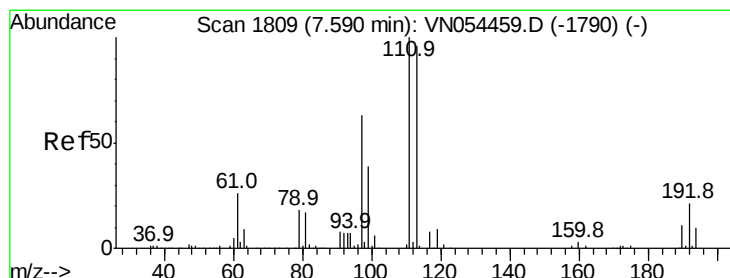
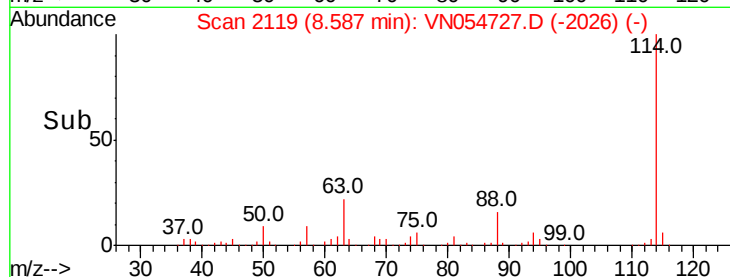
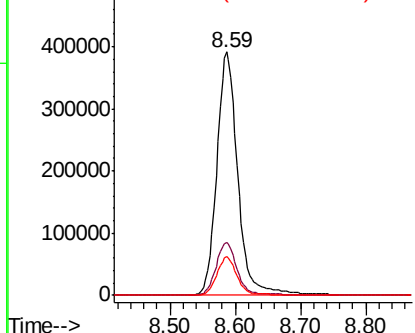
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054727.D
 Acq: 27 Mar 2019 17:28

Instrument :
 MSVOA_N
 ClientSampled :
 CS-19

Tot Ion:114 Resp: 877029
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 35.2
 88 16.0 0.0 30.2

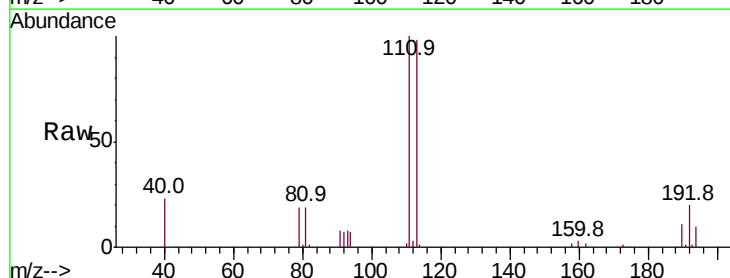


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

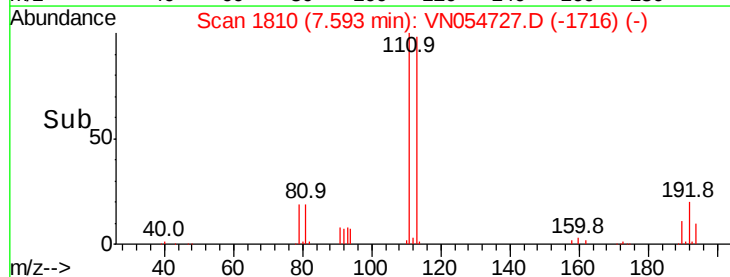
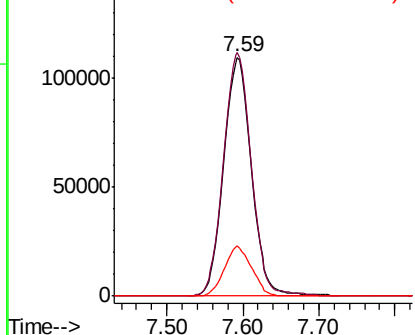


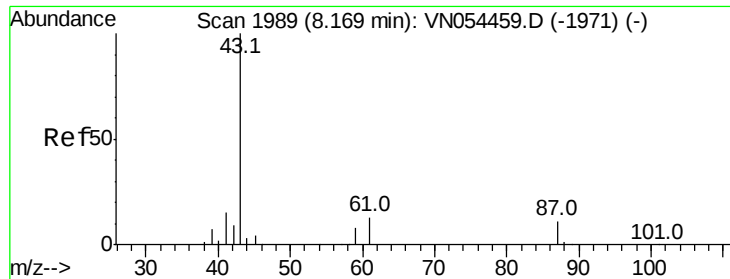
#35
 Dibromofluoromethane
 Concen: 49.323 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054727.D
 Acq: 27 Mar 2019 17:28

Tgt Ion:113 Resp: 278689
 Ion Ratio Lower Upper
 113 100
 111 102.6 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: 1.442 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054727.D

Acq: 27 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampled :

CS-19

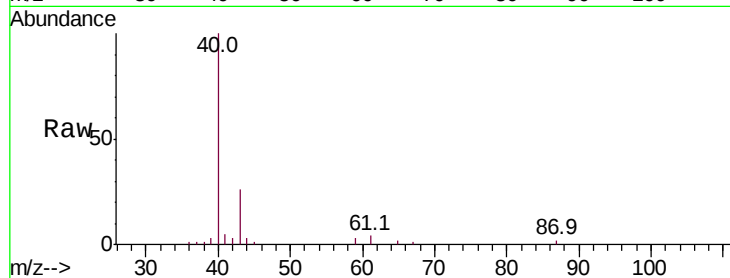
Tot Ion: 43 Resp: 14205

Ion Ratio Lower Upper

43 100

61 0.0 15.8 23.8#

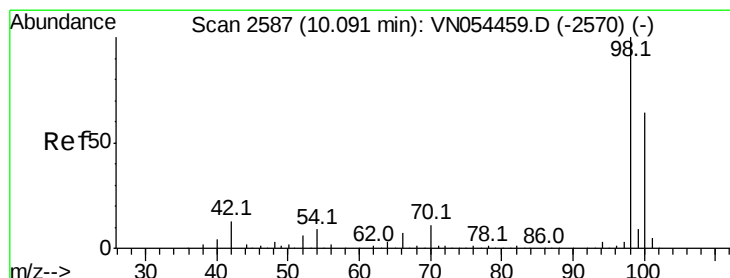
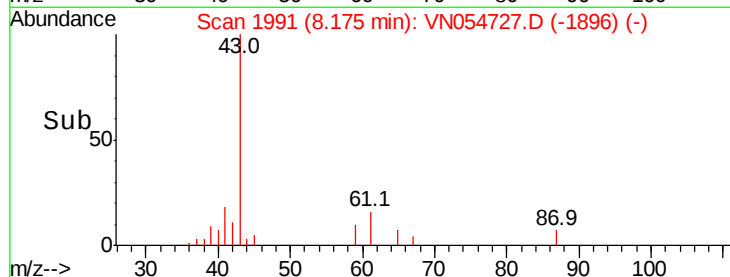
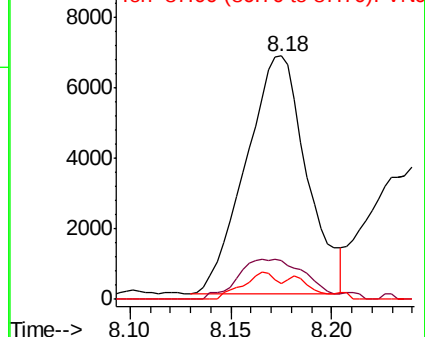
87 2.7 12.0 18.0#



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: 49.744 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054727.D

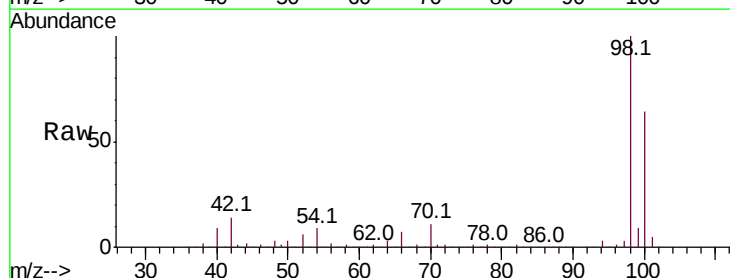
Acq: 27 Mar 2019 17:28

Tgt Ion: 98 Resp: 1056641

Ion Ratio Lower Upper

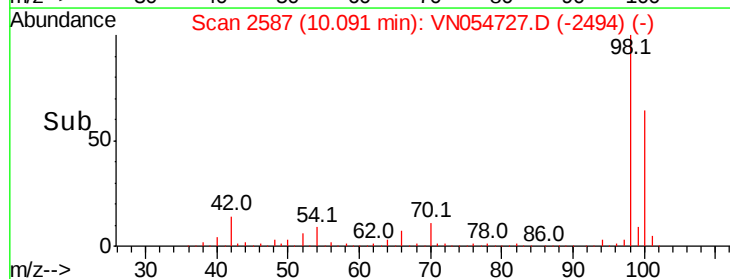
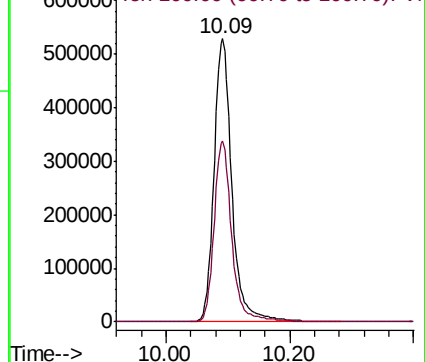
98 100

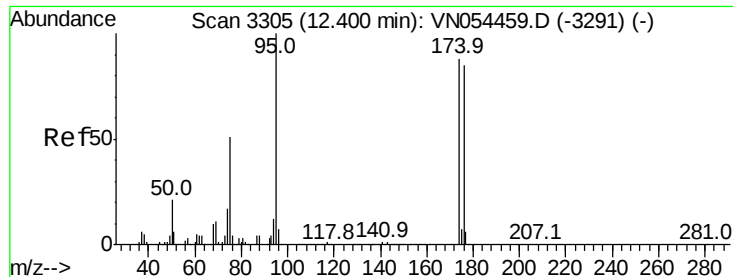
100 63.3 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

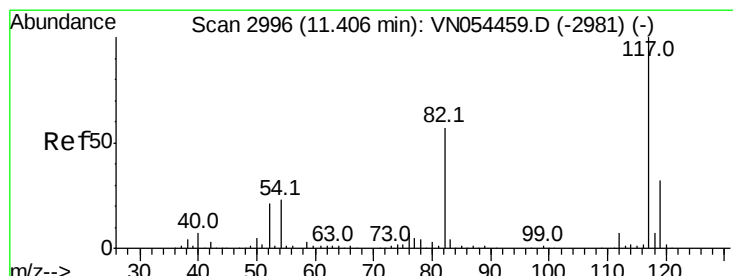
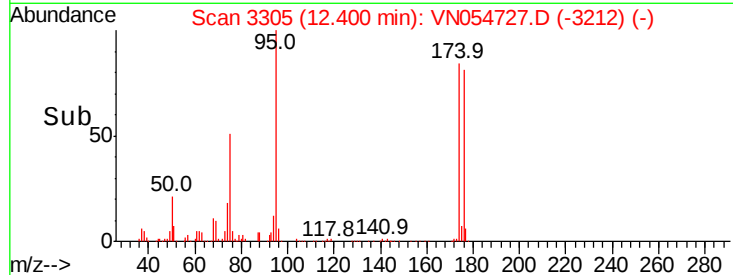
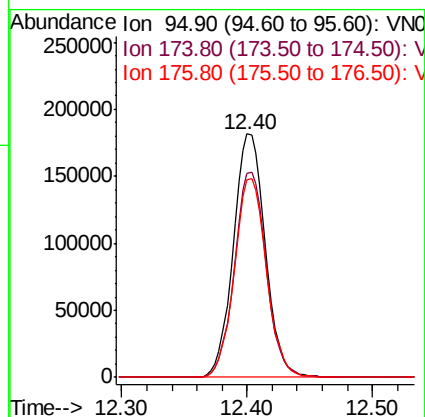
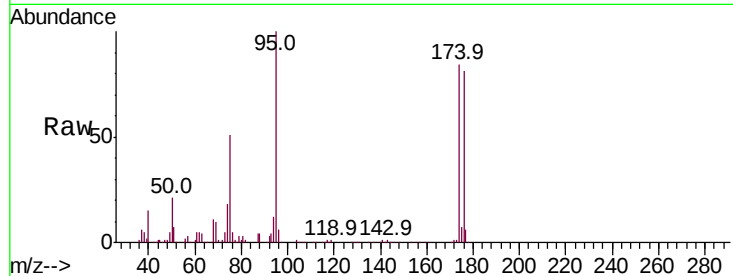




#62
4-Bromofluorobenzene
Concen: 44.362 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN054727.D
Acq: 27 Mar 2019 17:28

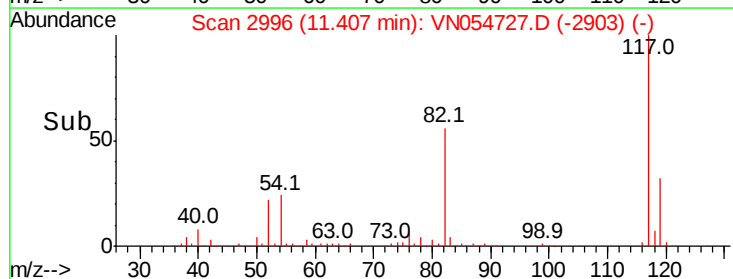
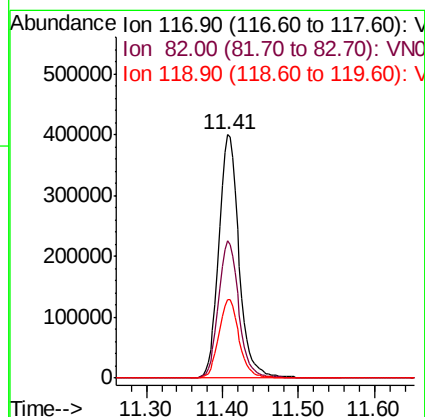
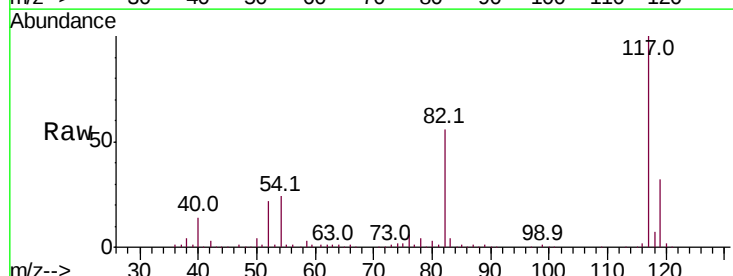
Instrument :
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ClientSampleId :
CS-19

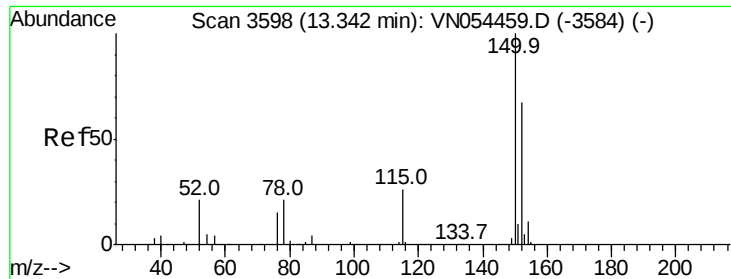
Tot Ion: 95 Resp: 320651
Ion Ratio Lower Upper
95 100
174 84.0 0.0 191.0
176 81.7 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054727.D
Acq: 27 Mar 2019 17:28

Tgt Ion: 117 Resp: 736430
Ion Ratio Lower Upper
117 100
82 56.3 40.0 60.0
119 32.5 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054727.D

Acq: 27 Mar 2019 17:28

Instrument :

MSVOA_N

ClientSampleId :

CS-19

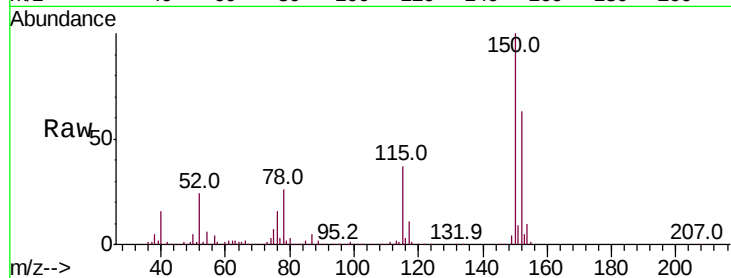
Tot Ion:152 Resp: 263058

Ion Ratio Lower Upper

152 100

115 58.3 27.2 81.6

150 159.1 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

