

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054689.D
 Acq On : 26 Mar 2019 11:01
 Operator : JC/SP
 Sample : K2056-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CS-9

Quant Time: Mar 27 04:21:51 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

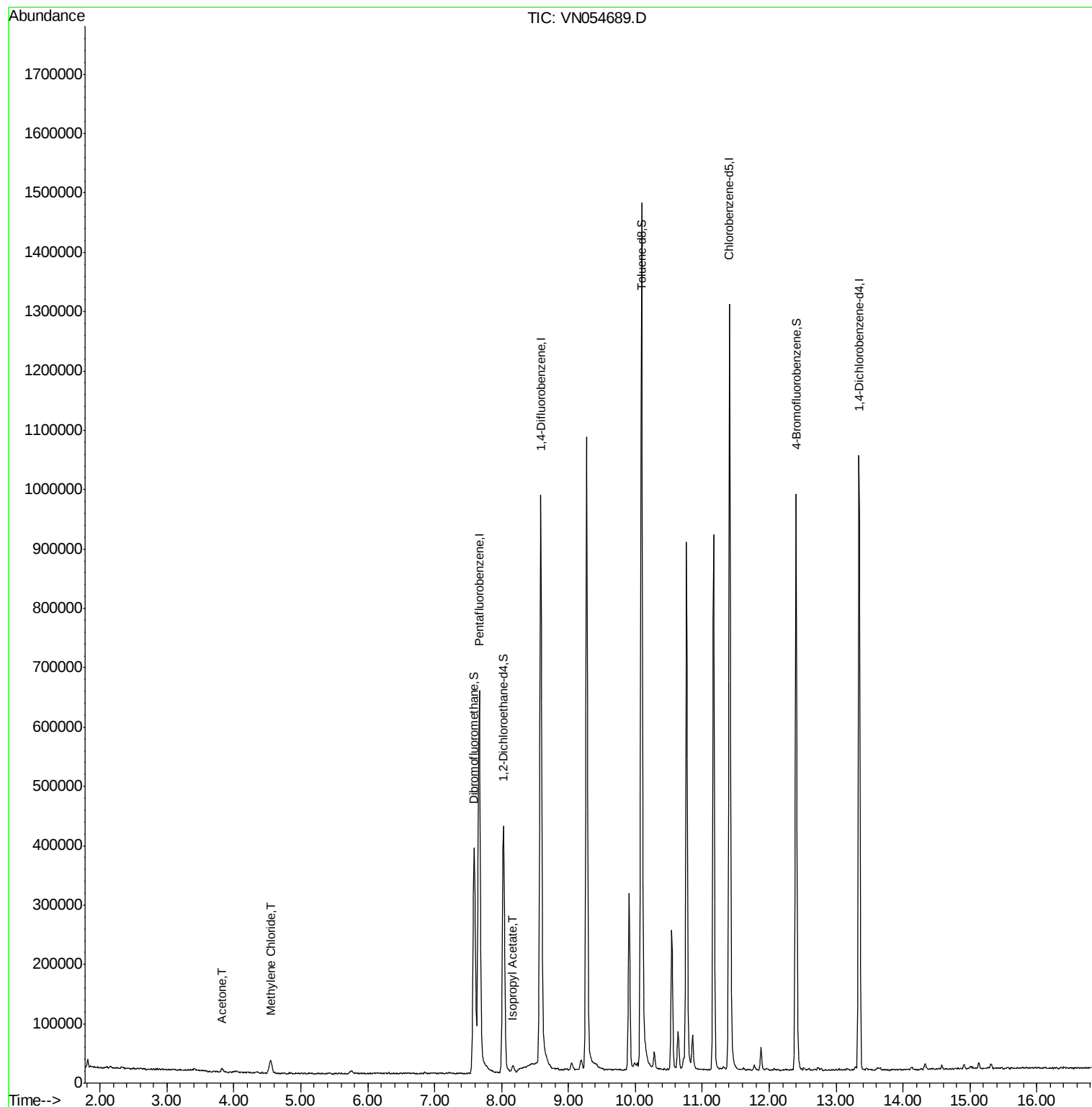
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	568850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	891208	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	280487	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	367718	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
35) Dibromofluoromethane	7.59	113	288774	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1083716	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.40	95	333432	45.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.80%	
Target Compounds						
16) Acetone	3.82	43	10957	5.151	ug/l #	74
20) Methylene Chloride	4.55	84	14995	2.391	ug/l #	83
43) Isopropyl Acetate	8.17	43	15120	1.511	ug/l #	90

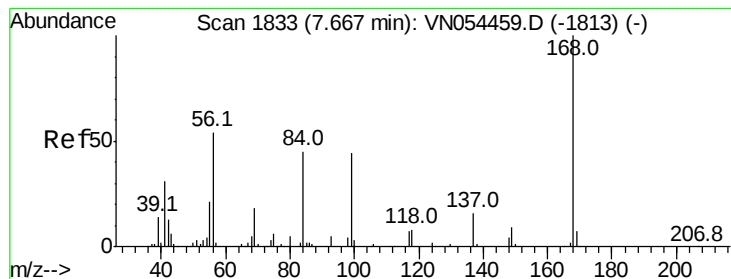
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054689.D

Acq: 26 Mar 2019 11:01

Instrument :

MSVOA_N

ClientSampled :

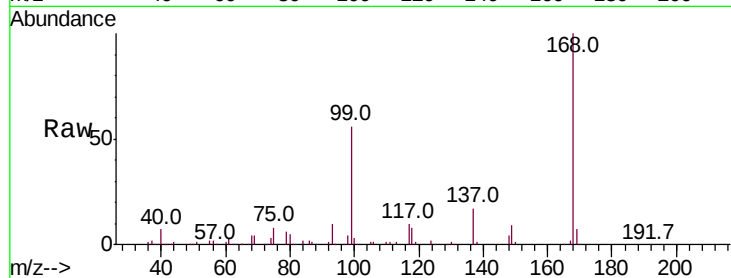
CS-9

Tot Ion:168 Resp: 568850

Ion Ratio Lower Upper

168 100

99 56.1 37.1 55.7#



Abundance Ion 167.90 (167.60 to 168.60): VN054459.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN054459.D (-1813) (-)

7.67

250000

200000

150000

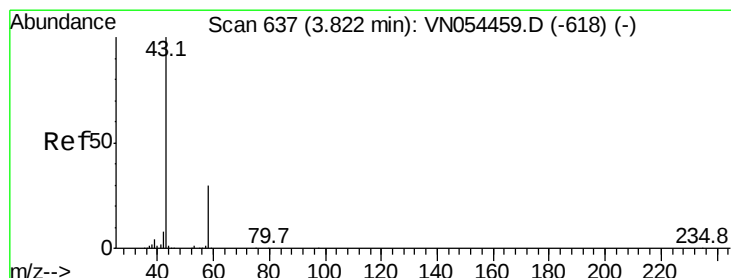
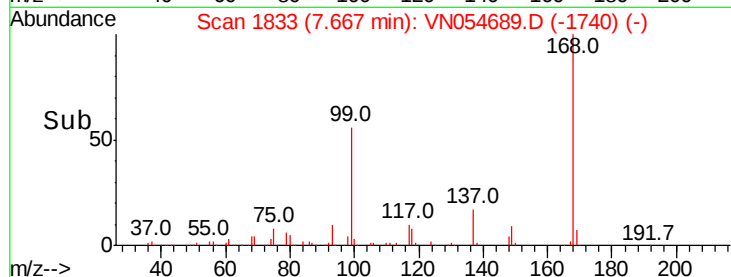
100000

50000

0

7.50 7.60 7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 5.151 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054689.D

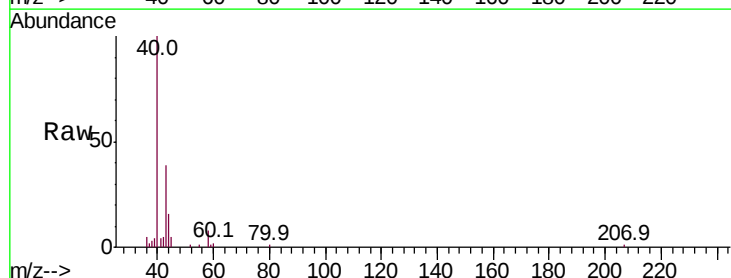
Acq: 26 Mar 2019 11:01

Tgt Ion: 43 Resp: 10957

Ion Ratio Lower Upper

43 100

58 22.1 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-618) (-)

Ion 58.00 (57.70 to 58.70): VN054459.D (-618) (-)

3.82

5000

4000

3000

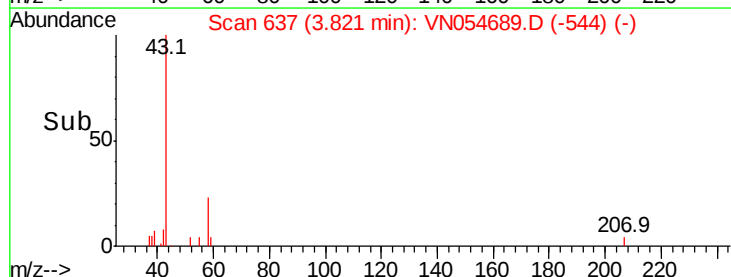
2000

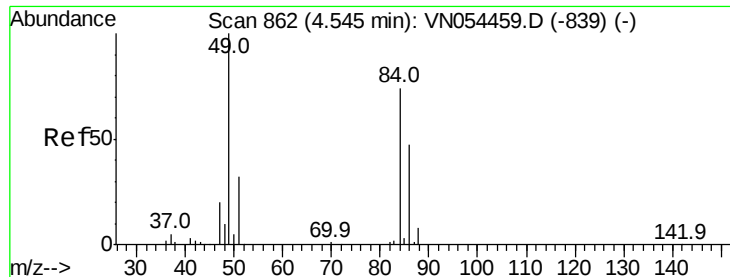
1000

0

3.75 3.80 3.85 3.90

Time-->

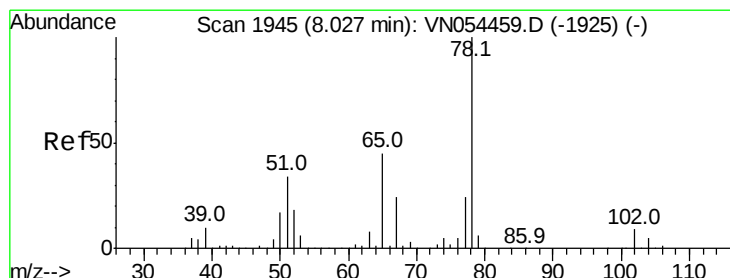
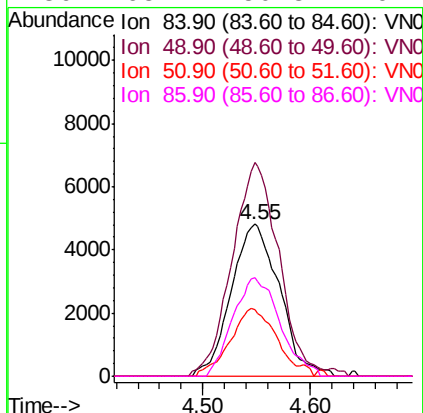
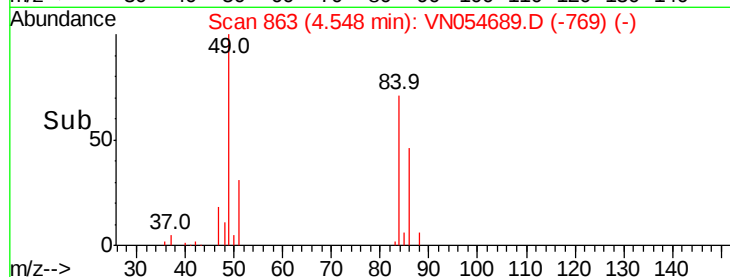
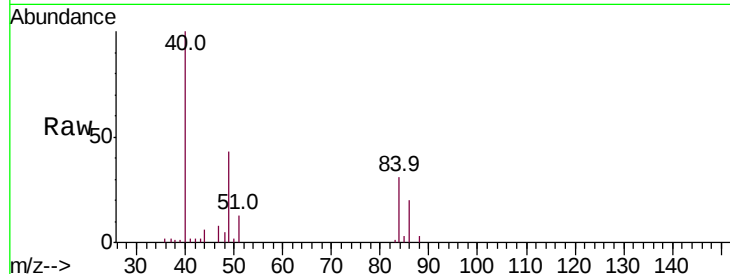




#20
Methvlene Chloride
Concen: 2.391 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054689.D
Acq: 26 Mar 2019 11:01

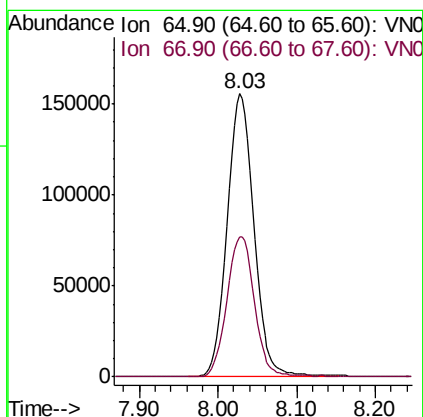
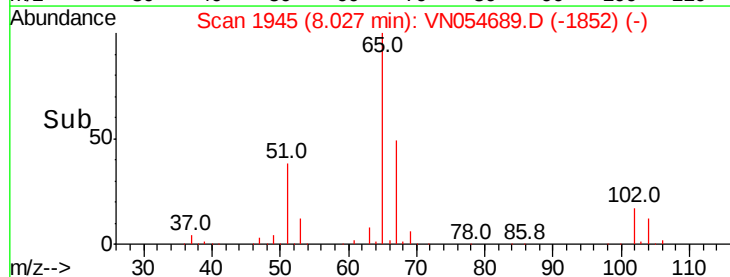
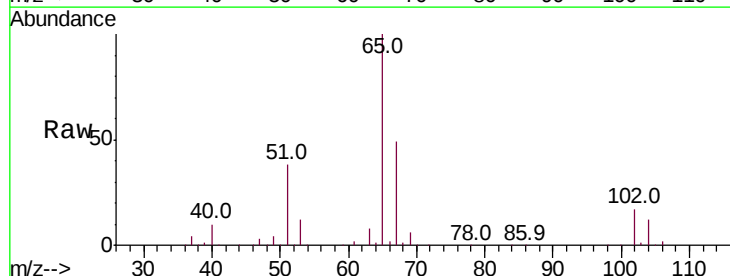
Instrument :
MSVOA_N
ClientSampled :
CS-9

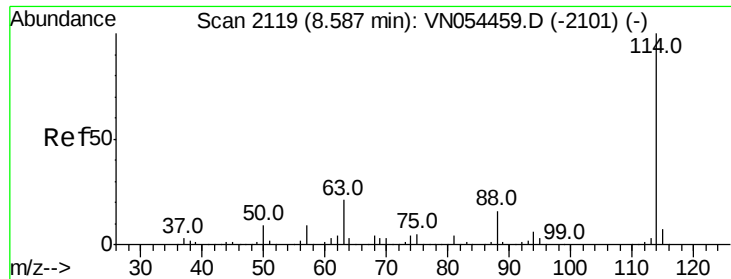
Tot Ion: 84 Resp: 14995
Ion Ratio Lower Upper
84 100
49 140.6 89.7 134.5#
51 43.8 28.2 42.4#
86 65.2 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 51.970 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054689.D
Acq: 26 Mar 2019 11:01

Tgt Ion: 65 Resp: 367718
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.6

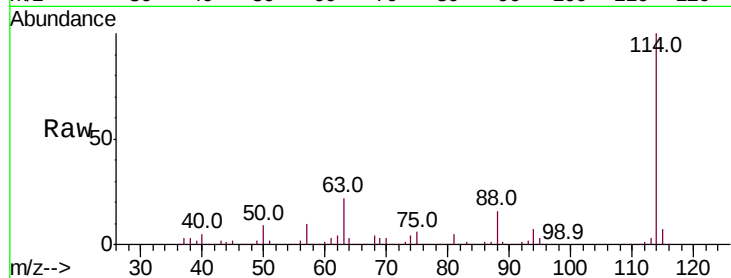




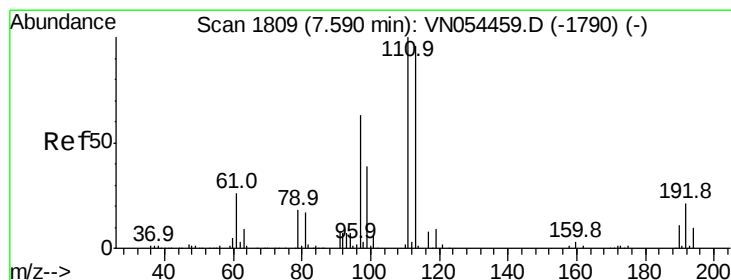
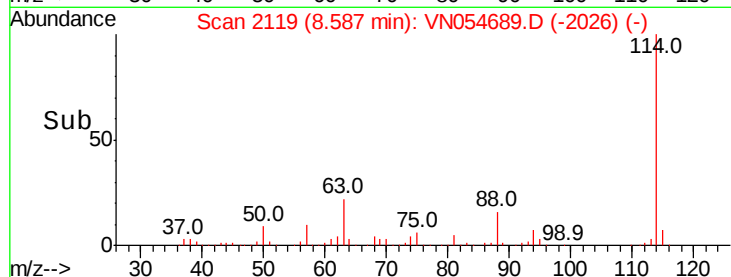
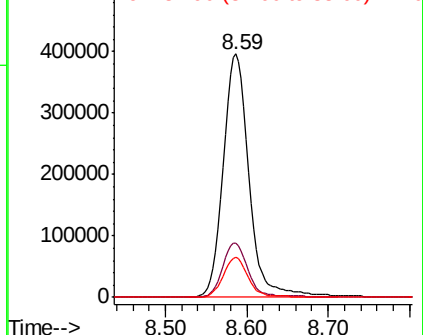
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054689.D
 Acq: 26 Mar 2019 11:01

Instrument :
 MSVOA_N
 ClientSampled :
 CS-9

Tot Ion:114 Resp: 891208
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 16.3 0.0 30.2

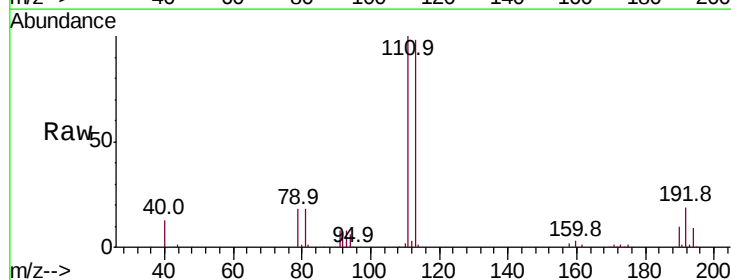


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

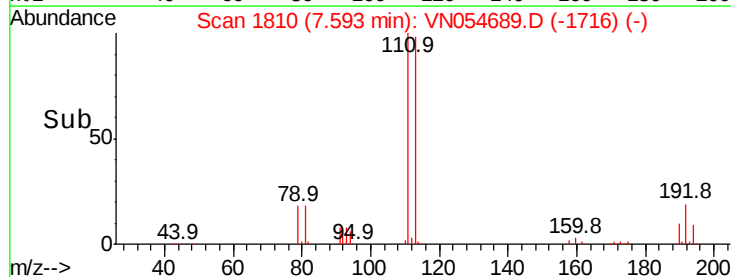
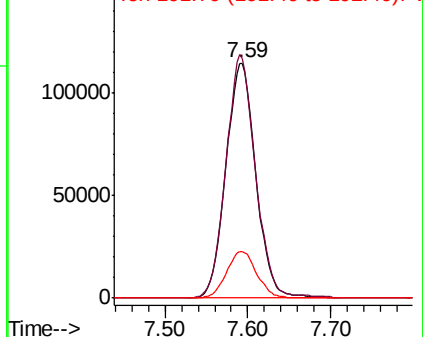


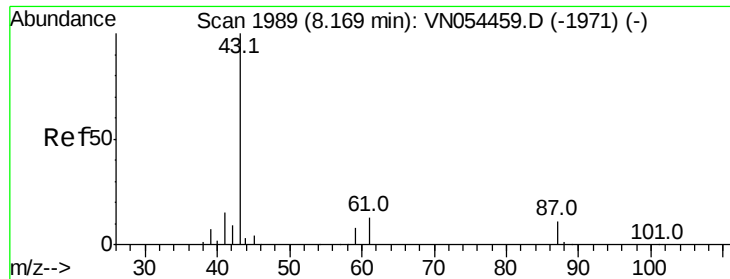
#35
 Dibromofluoromethane
 Concen: 50.295 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054689.D
 Acq: 26 Mar 2019 11:01

Tgt Ion:113 Resp: 288774
 Ion Ratio Lower Upper
 113 100
 111 100.9 82.2 123.4
 192 20.0 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: 1.511 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN054689.D

Acq: 26 Mar 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

CS-9

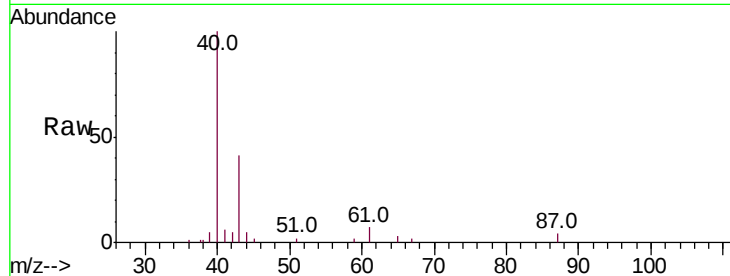
Tot Ion: 43 Resp: 15120

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.8

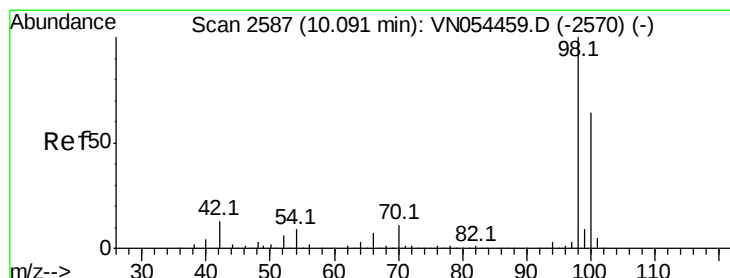
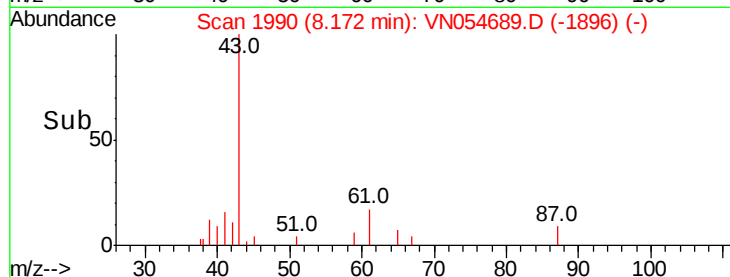
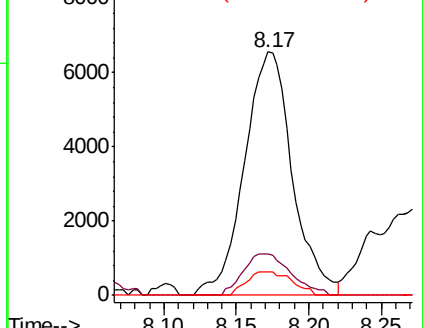
87 9.0 12.0 18.0#



Abundance Ion 43.00 (42.70 to 43.70): VN054459.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054459.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054459.D (-1971) (-)



#50

Toluene-d8

Concen: 50.207 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054689.D

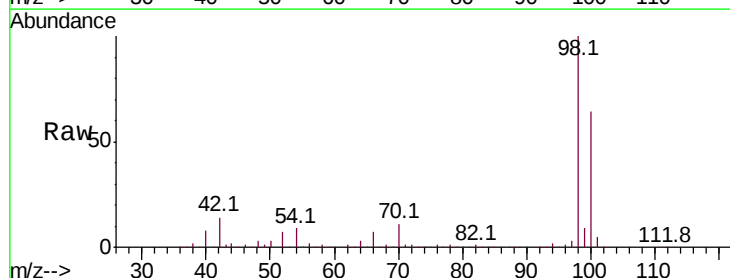
Acq: 26 Mar 2019 11:01

Tgt Ion: 98 Resp: 1083716

Ion Ratio Lower Upper

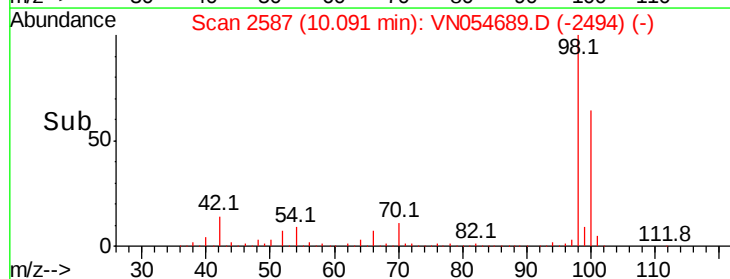
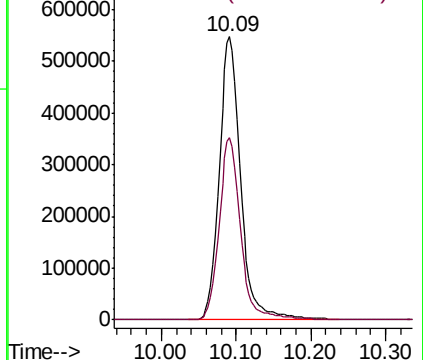
98 100

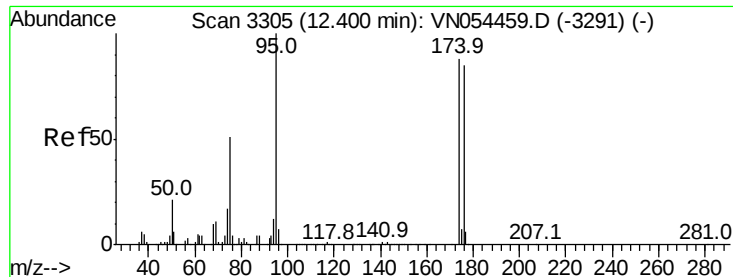
100 64.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN054459.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN054459.D (-2570) (-)

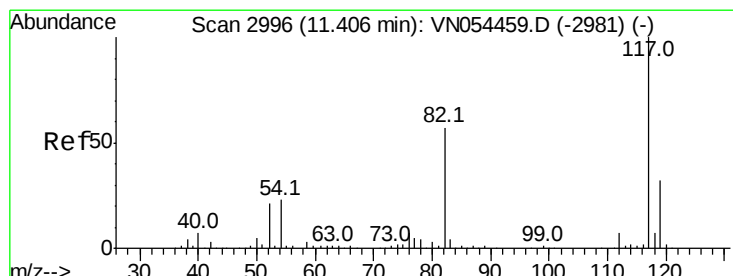
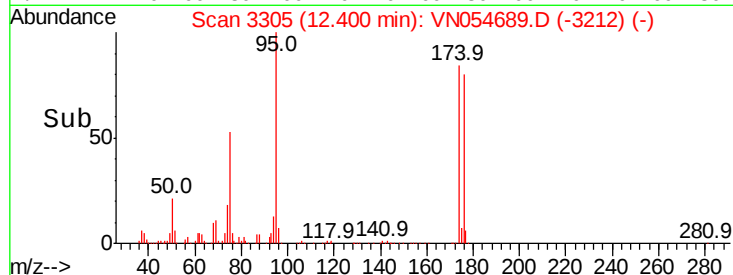
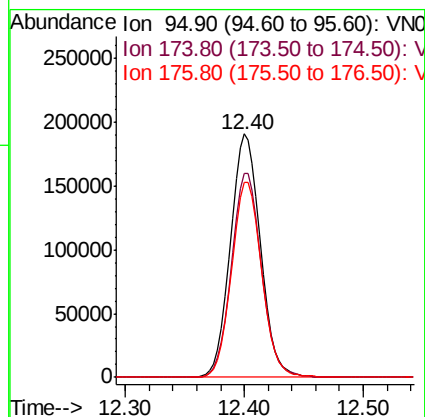
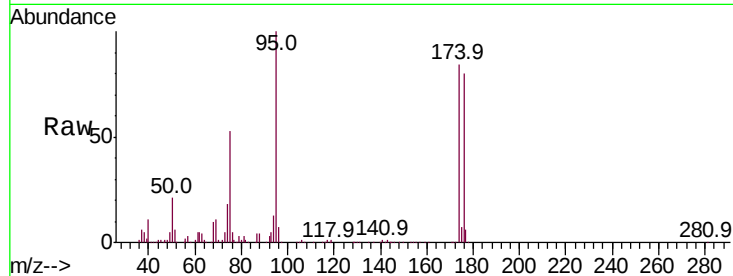




#62
4-Bromofluorobenzene
Concen: 45.396 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054689.D
Acq: 26 Mar 2019 11:01

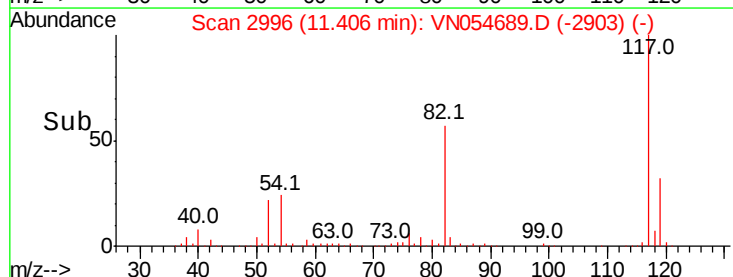
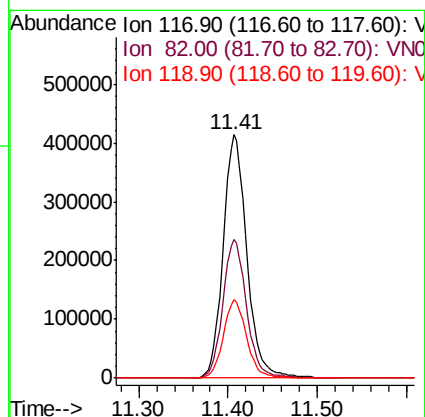
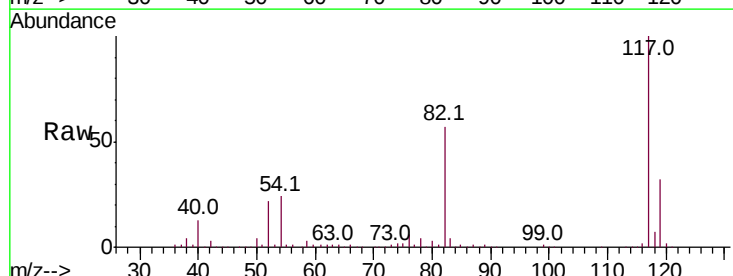
Instrument :
MSVOA_N
ClientSampled :
CS-9

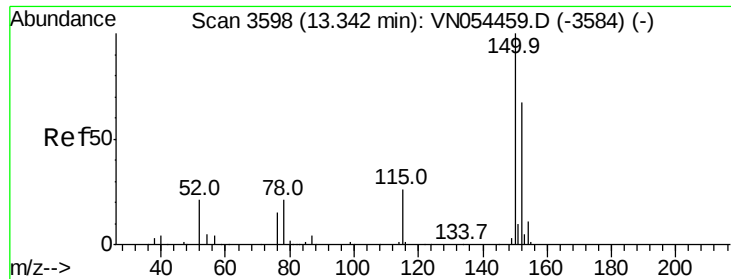
Tot Ion: 95 Resp: 333432
Ion Ratio Lower Upper
95 100
174 83.8 0.0 191.0
176 80.7 0.0 187.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054689.D
Acq: 26 Mar 2019 11:01

Tgt Ion: 117 Resp: 762717
Ion Ratio Lower Upper
117 100
82 56.9 40.0 60.0
119 32.1 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: VN054689.D

Acq: 26 Mar 2019 11:01

Instrument :

MSVOA_N

ClientSampleId :

CS-9

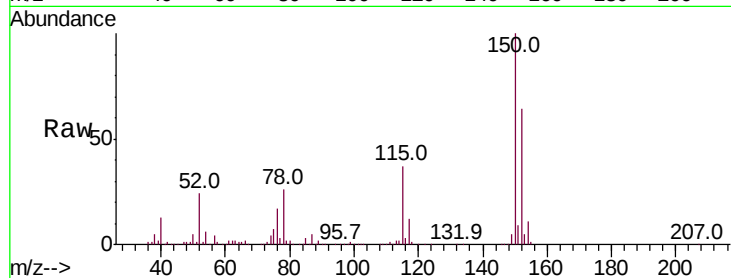
Tot Ion:152 Resp: 280487

Ion Ratio Lower Upper

152 100

115 57.6 27.2 81.6

150 156.7 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

