

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032619\
 Data File : VN054695.D
 Acq On : 26 Mar 2019 13:39
 Operator : JC/SP
 Sample : K2081-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S4C(21)

Quant Time: Mar 27 04:37:55 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

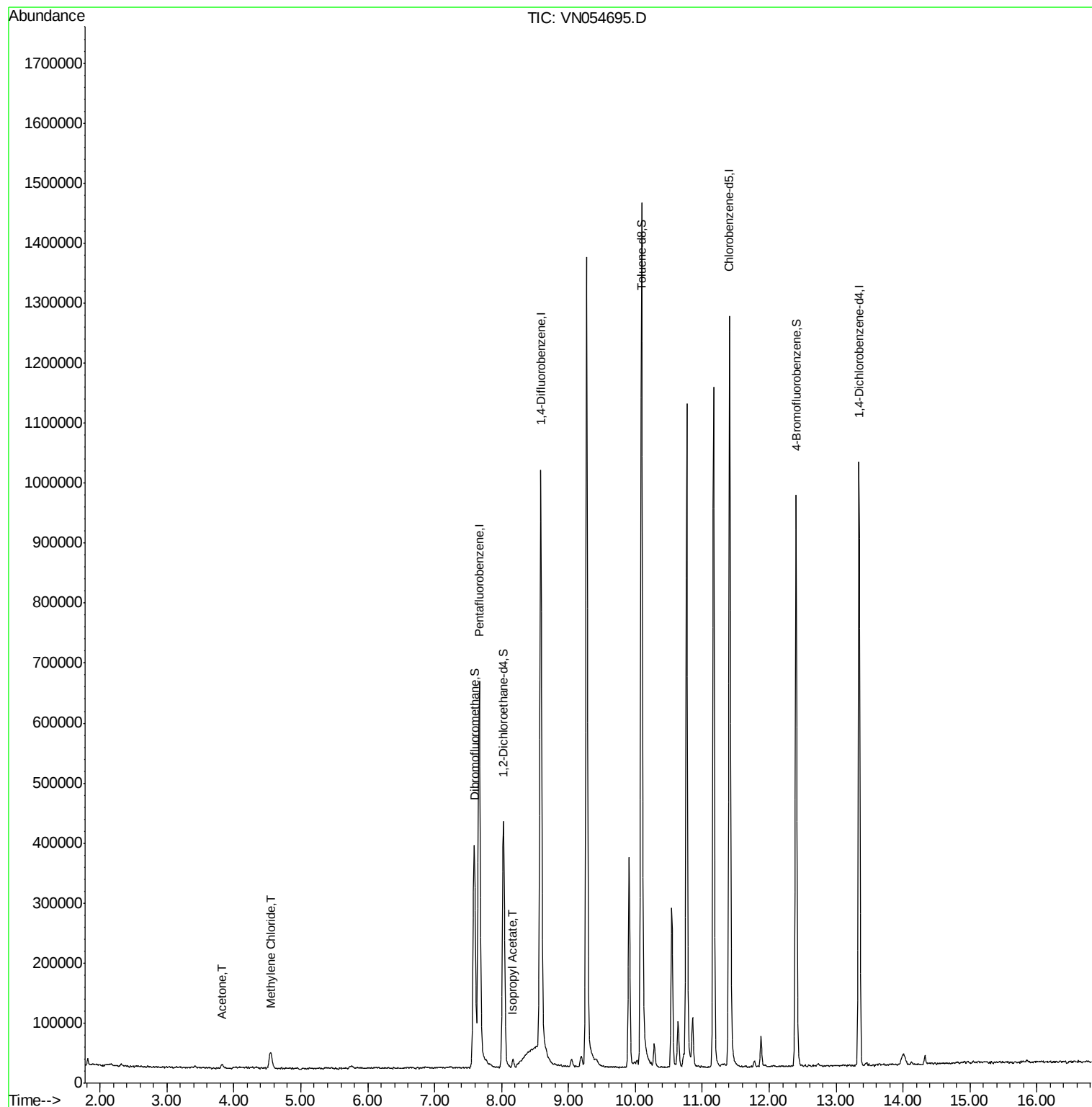
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	555024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	887302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	758145	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	263693	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	360124	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
35) Dibromofluoromethane	7.59	113	282085	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.09	98	1074283	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	327663	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	3.82	43	11626	5.601	ug/l	93
20) Methylene Chloride	4.55	84	18216	2.977	ug/l #	81
43) Isopropyl Acetate	8.17	43	15676	1.573	ug/l	100

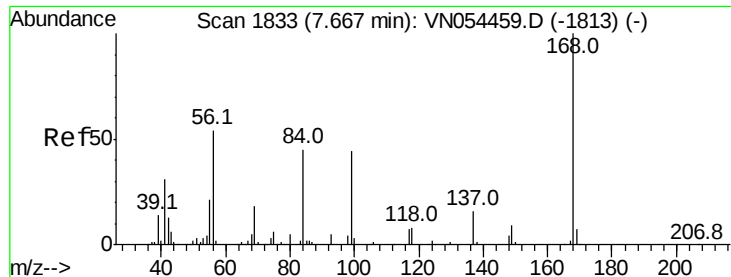
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032619\
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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: VN054695.D

Acq: 26 Mar 2019 13:39

Instrument :

MSVOA_N

ClientSampled :

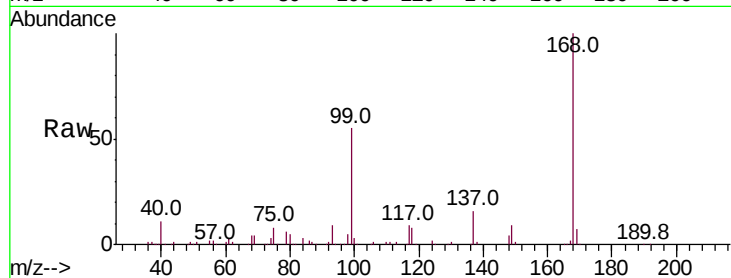
S4C(21)

Tot Ion:168 Resp: 555024

Ion Ratio Lower Upper

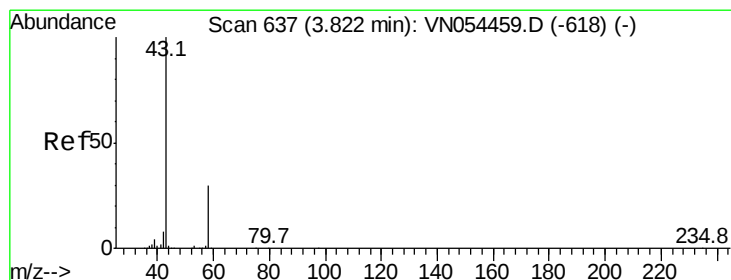
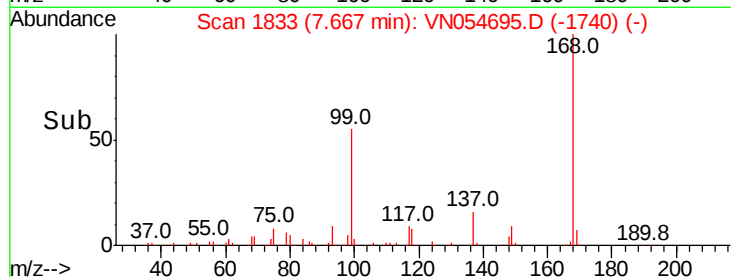
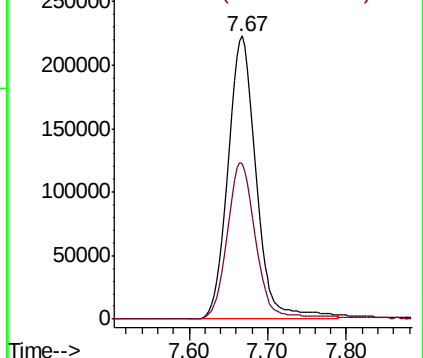
168 100

99 54.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.601 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054695.D

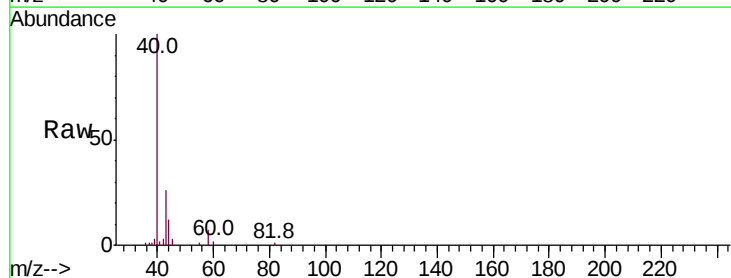
Acq: 26 Mar 2019 13:39

Tgt Ion: 43 Resp: 11626

Ion Ratio Lower Upper

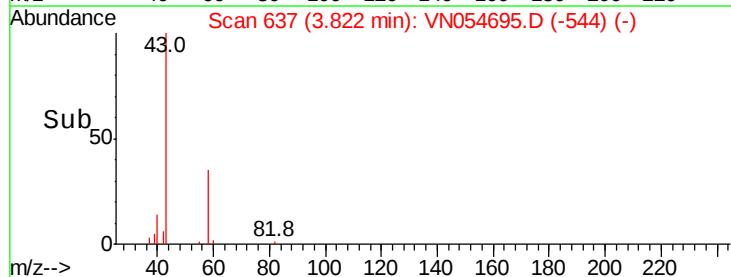
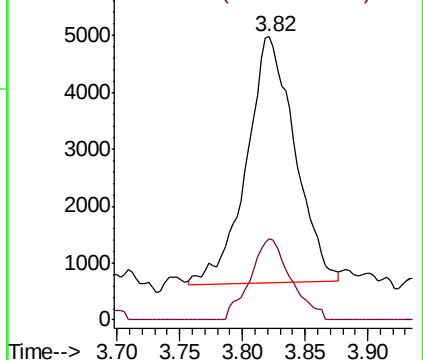
43 100

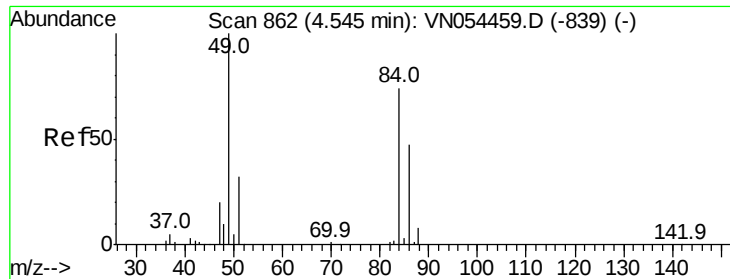
58 33.4 29.9 44.9



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

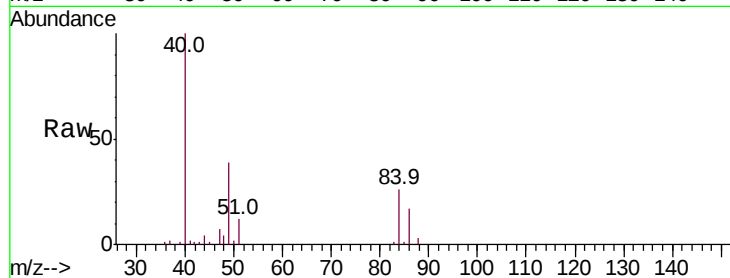




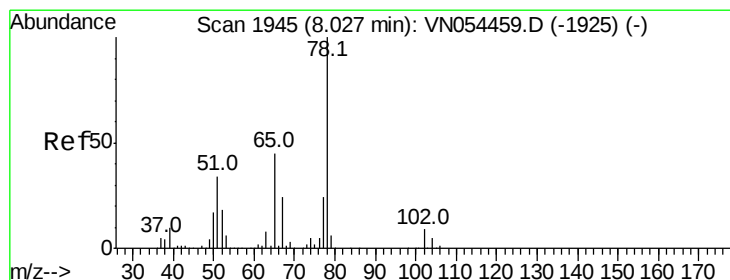
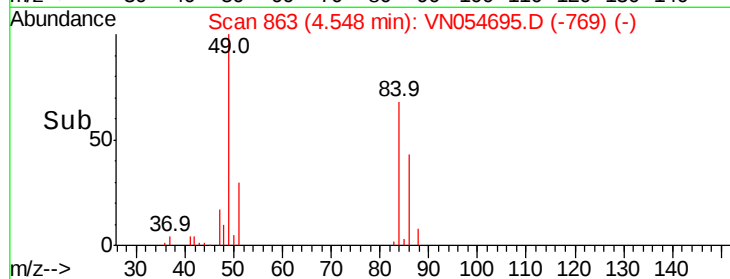
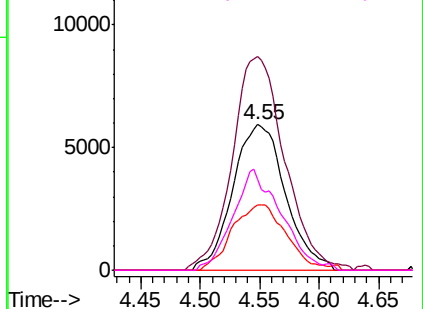
#20
Methvlene Chloride
Concen: 2.977 ug/l
RT: 4.55 min Scan# 863
Delta R.T. 0.00 min
Lab File: VN054695.D
Acq: 26 Mar 2019 13:39

Instrument :
MSVOA_N
ClientSampleId :
S4C(21)

Tot Ion: 84 Resp: 18216
Ion Ratio Lower Upper
84 100
49 143.9 89.7 134.5#
51 44.4 28.2 42.4#
86 62.6 50.8 76.2

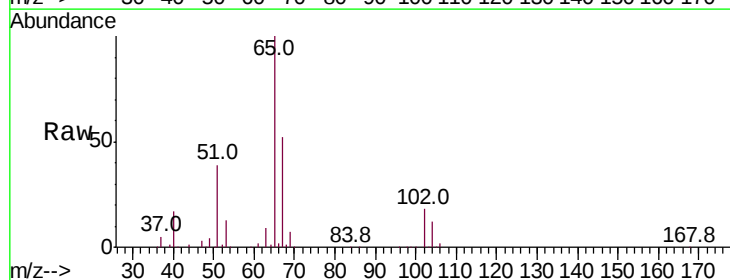


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

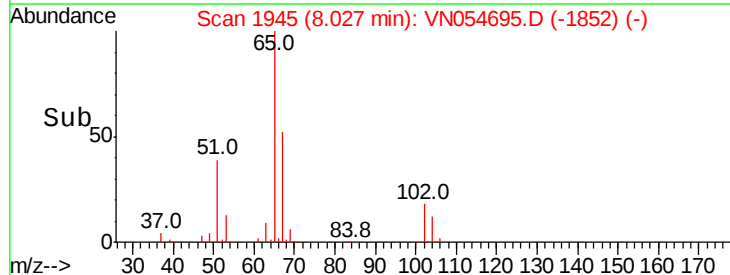
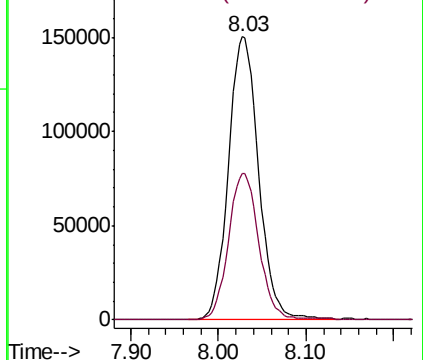


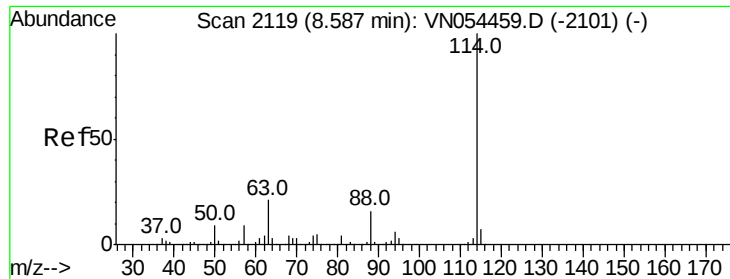
#33
1,2-Dichloroethane-d4
Concen: 52.165 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN054695.D
Acq: 26 Mar 2019 13:39

Tgt Ion: 65 Resp: 360124
Ion Ratio Lower Upper
65 100
67 52.3 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: VN054695.D

Acq: 26 Mar 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

S4C(21)

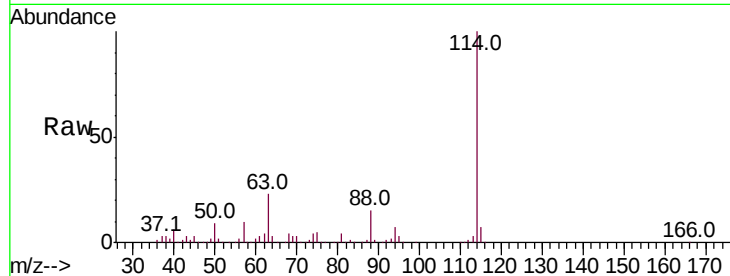
Tot Ion:114 Resp: 887302

Ion Ratio Lower Upper

114 100

63 22.6 0.0 35.2

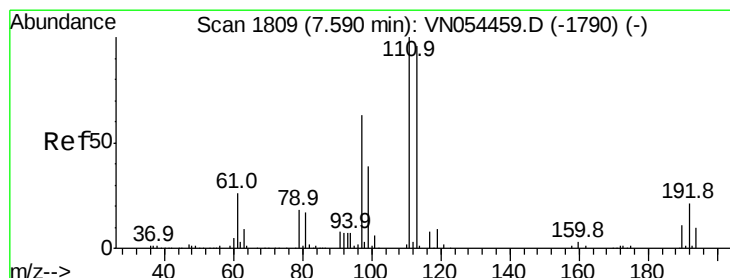
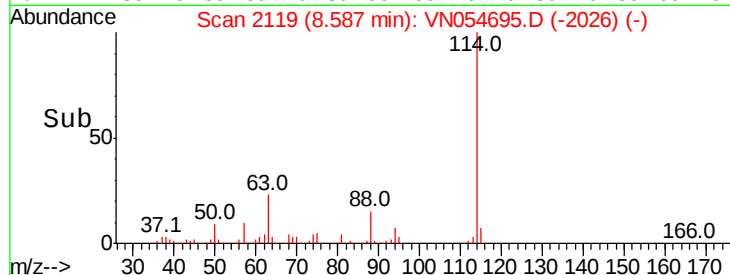
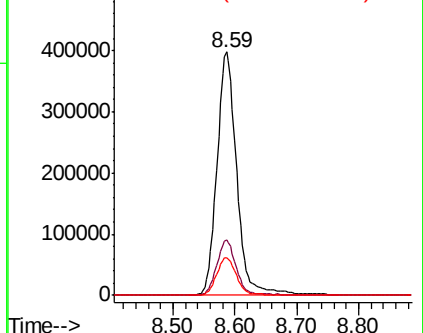
88 15.5 0.0 30.2



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: 49.346 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN054695.D

Acq: 26 Mar 2019 13:39

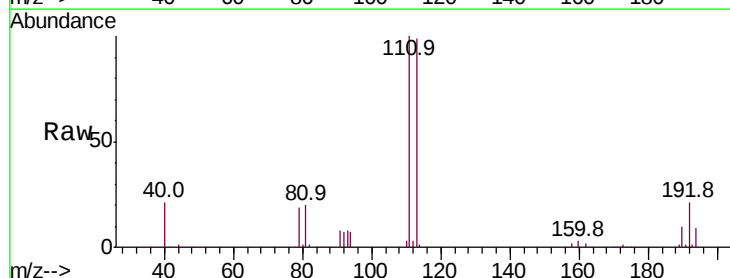
Tgt Ion:113 Resp: 282085

Ion Ratio Lower Upper

113 100

111 103.4 82.2 123.4

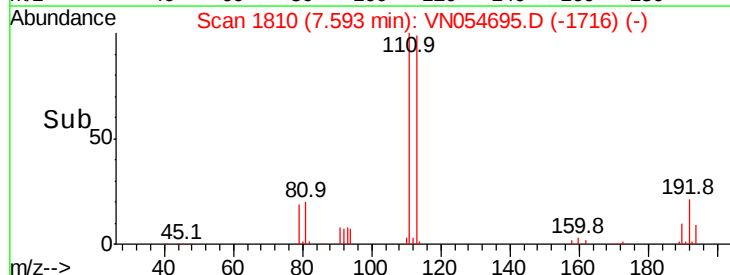
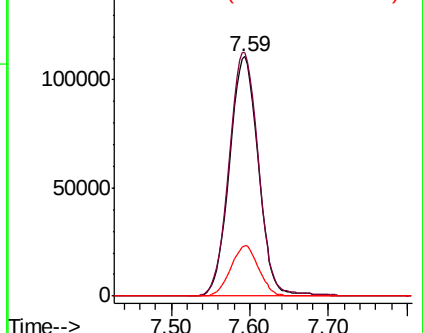
192 20.5 19.2 28.8

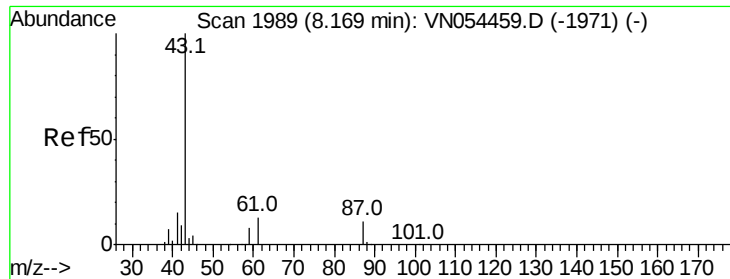


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.573 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054695.D

Acq: 26 Mar 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

S4C(21)

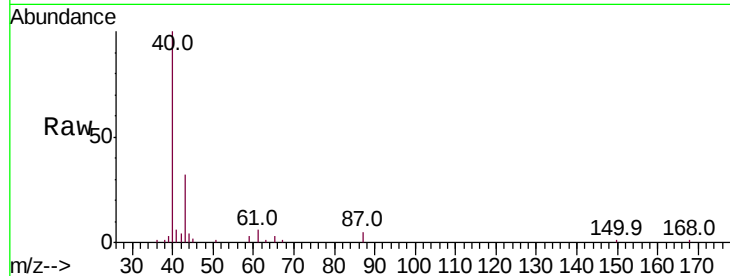
Tot Ion: 43 Resp: 15676

Ion Ratio Lower Upper

43 100

61 19.9 15.8 23.8

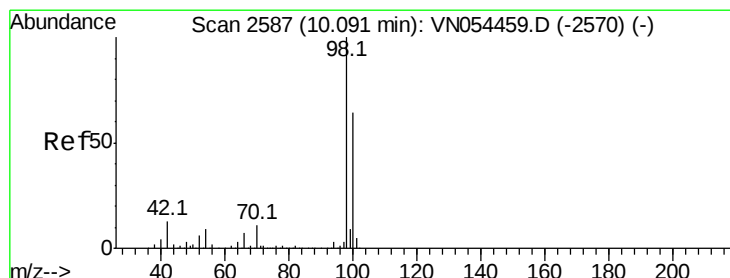
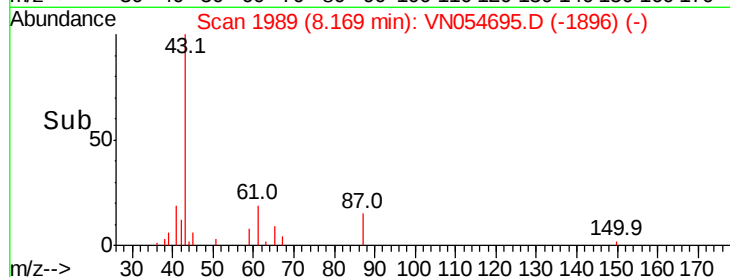
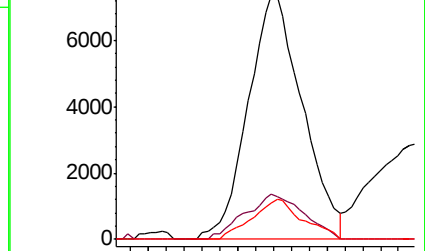
87 15.2 12.0 18.0



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: 49.989 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054695.D

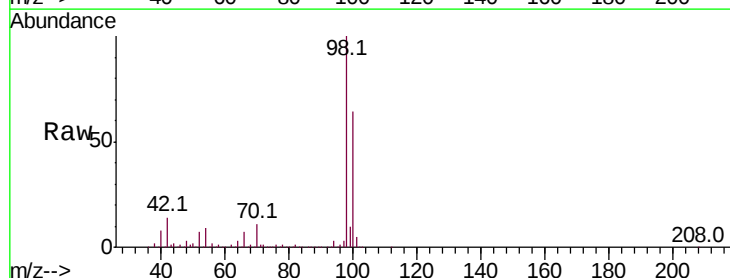
Acq: 26 Mar 2019 13:39

Tgt Ion: 98 Resp: 1074283

Ion Ratio Lower Upper

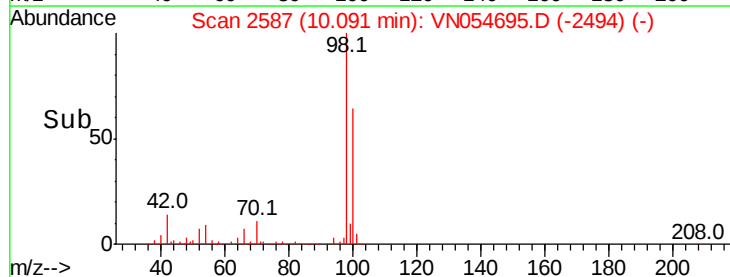
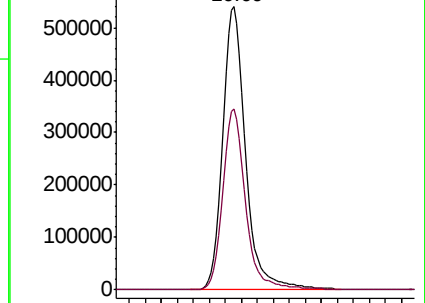
98 100

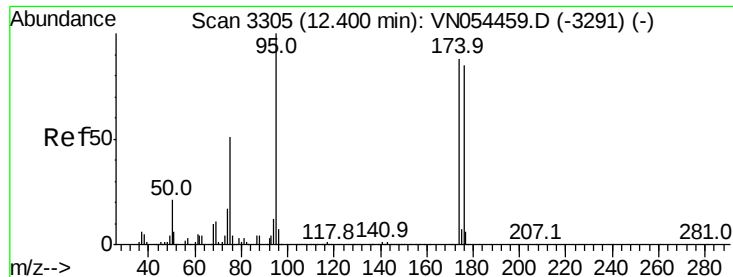
100 64.0 51.2 76.8



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: 44.807 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054695.D

Acq: 26 Mar 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

S4C(21)

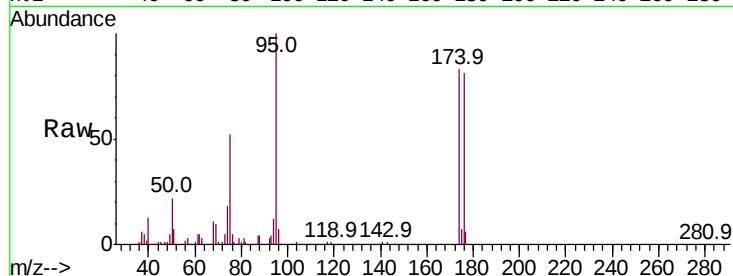
Tot Ion: 95 Resp: 327663

Ion Ratio Lower Upper

95 100

174 85.1 0.0 191.0

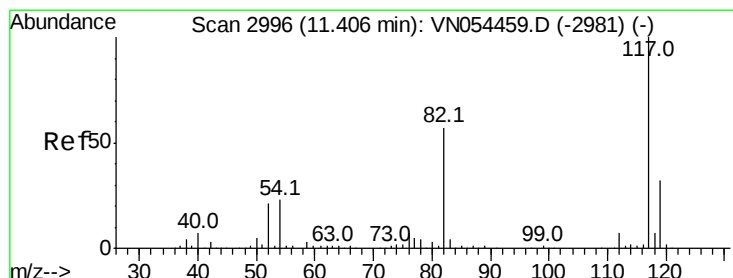
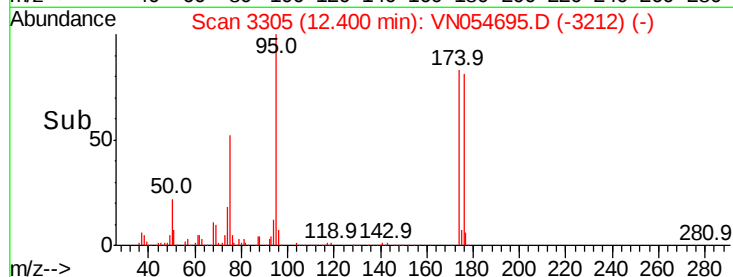
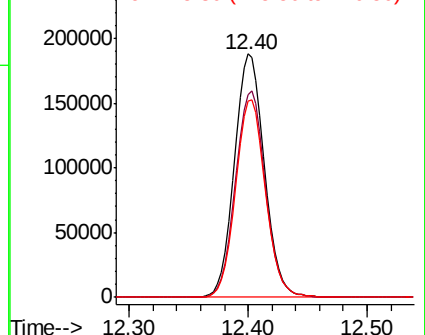
176 81.1 0.0 187.4



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: VN054695.D

Acq: 26 Mar 2019 13:39

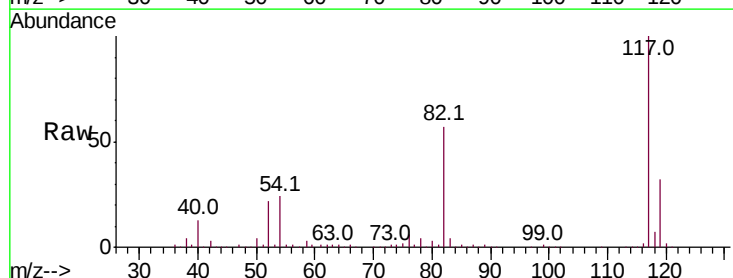
Tgt Ion: 117 Resp: 758145

Ion Ratio Lower Upper

117 100

82 56.6 40.0 60.0

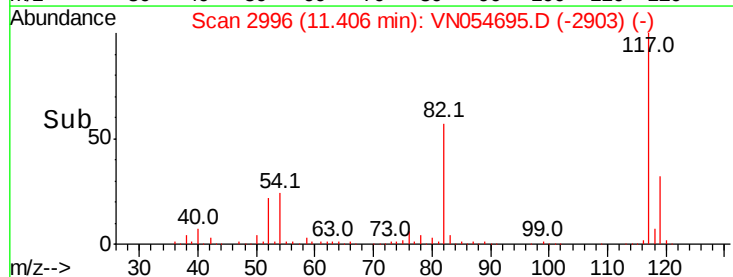
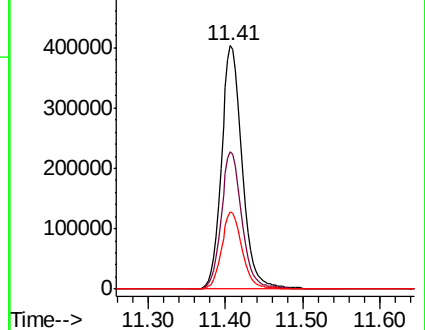
119 31.5 25.8 38.6

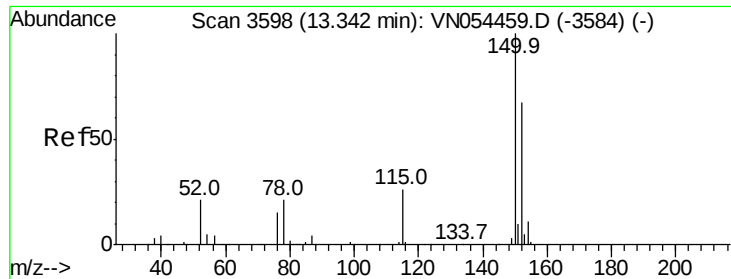


Abundance Ion 116.90 (116.60 to 117.60): VN054459.D (-2981) (-)

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: VN054695.D

Acq: 26 Mar 2019 13:39

Instrument :

MSVOA_N

ClientSampleId :

S4C(21)

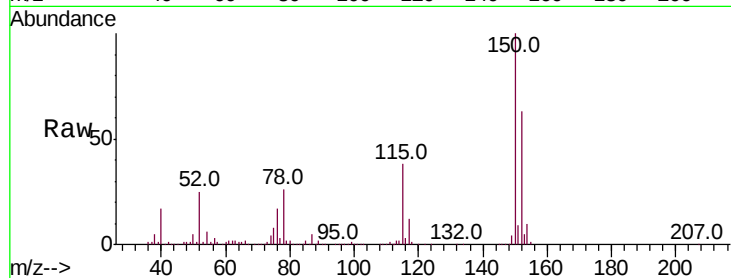
Tot Ion:152 Resp: 263693

Ion Ratio Lower Upper

152 100

115 59.0 27.2 81.6

150 160.7 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

