

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110518\
 Data File : VN052171.D
 Acq On : 6 Nov 2018 2:08
 Operator : MD\SY
 Sample : J5805-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(6-10)

Quant Time: Nov 06 06:37:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 05 22:32:25 2018
 Response via : Initial Calibration

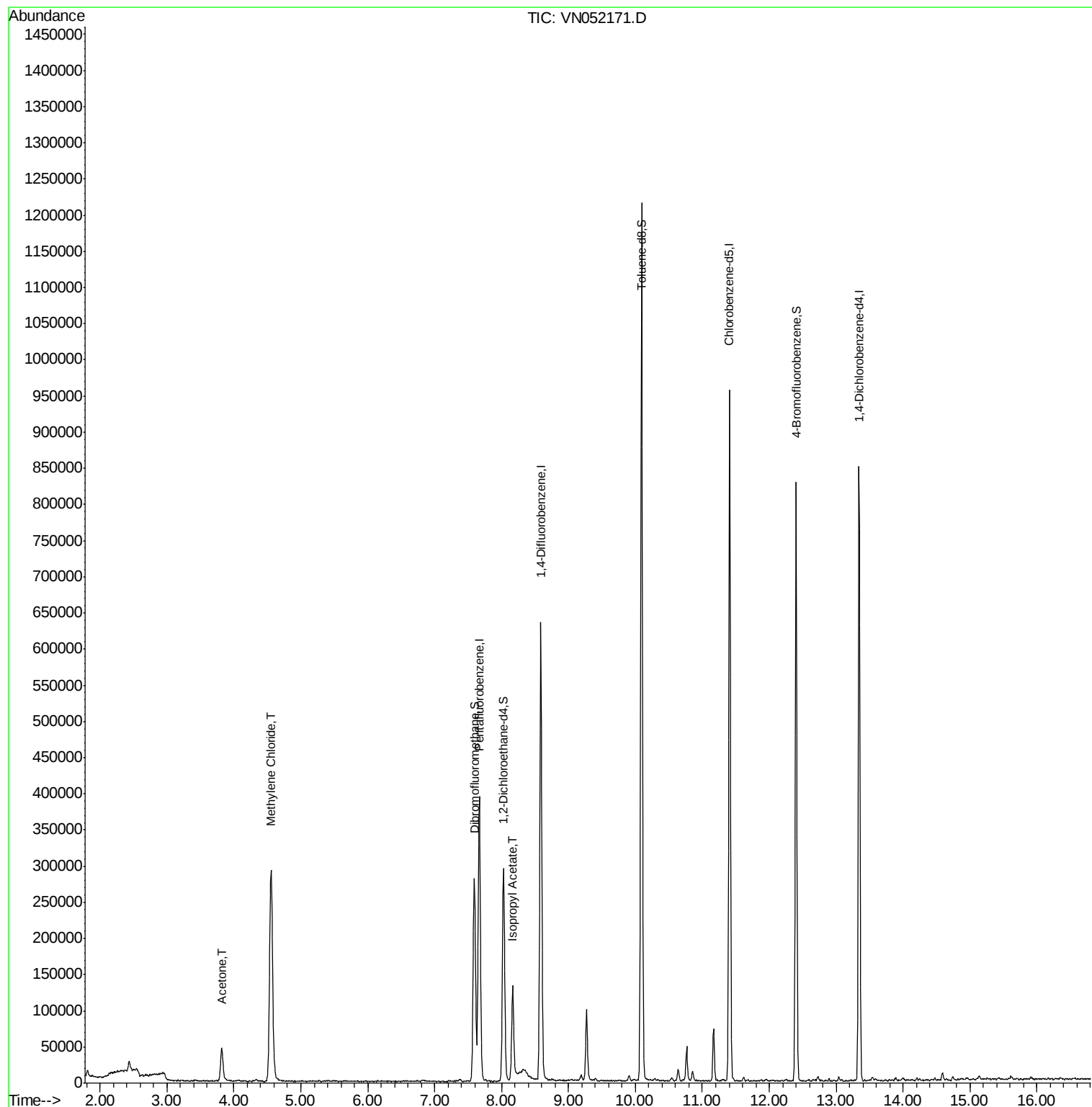
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	309567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	561323	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	541960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	216501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	244006	66.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	132.94%	
35) Dibromofluoromethane	7.59	113	212441	60.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.92%	
50) Toluene-d8	10.09	98	838179	62.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.42%	
62) 4-Bromofluorobenzene	12.40	95	277307	62.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.40%	
Target Compounds						
16) Acetone	3.81	43	76816	92.364	ug/l	97
20) Methylene Chloride	4.55	84	217791	63.025	ug/l	96
43) Isopropyl Acetate	8.17	43	159204	28.099	ug/l #	87

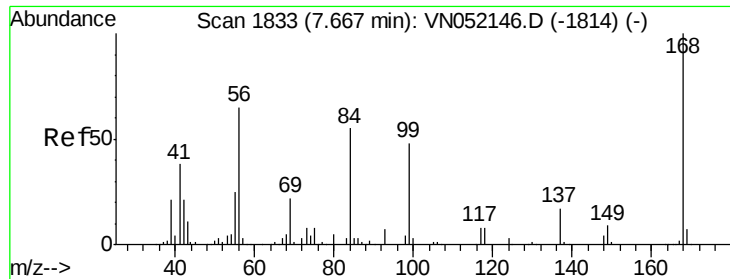
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052171.D

Acq: 6 Nov 2018 2:08

Instrument :

MSVOA_N

ClientSampleId :

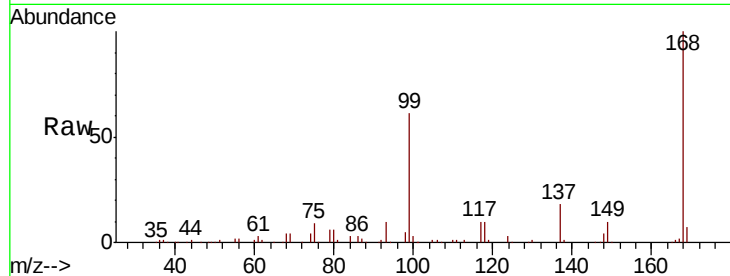
COMP-SAMPLES(6-10)

Tot Ion:168 Resp: 309567

Ion Ratio Lower Upper

168 100

99 60.6 45.4 68.2



Abundance Ion 167.90 (167.60 to 168.60): VN052146.D (-1814) (-)

Ion 98.90 (98.60 to 99.60): VN052146.D (-1814) (-)

7.67

150000

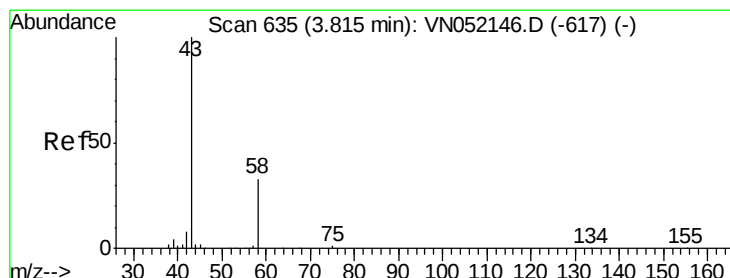
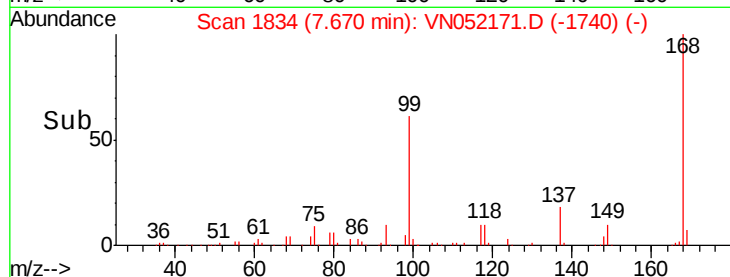
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 92.364 ug/l

RT: 3.81 min Scan# 635

Delta R.T. -0.00 min

Lab File: VN052171.D

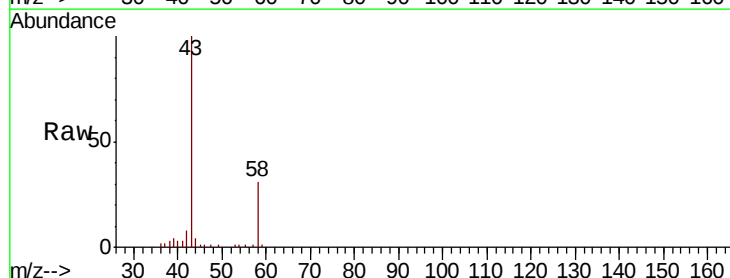
Acq: 6 Nov 2018 2:08

Tgt Ion: 43 Resp: 76816

Ion Ratio Lower Upper

43 100

58 30.7 26.2 39.2



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN052146.D (-617) (-)

3.81

30000

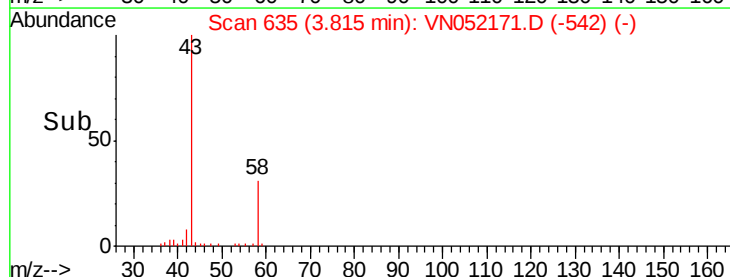
20000

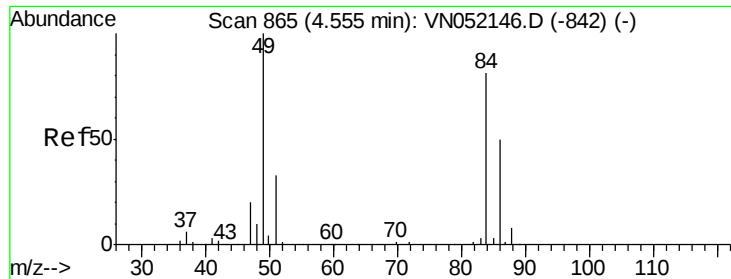
10000

0

3.70 3.75 3.80 3.85 3.90

Time-->

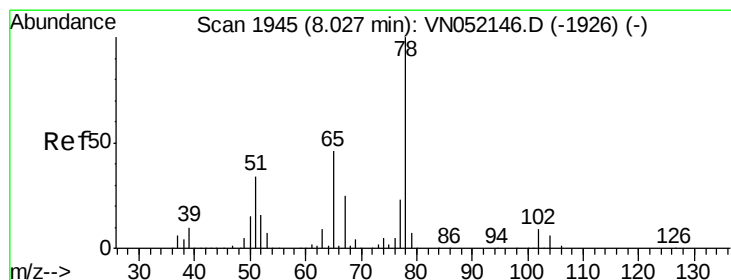
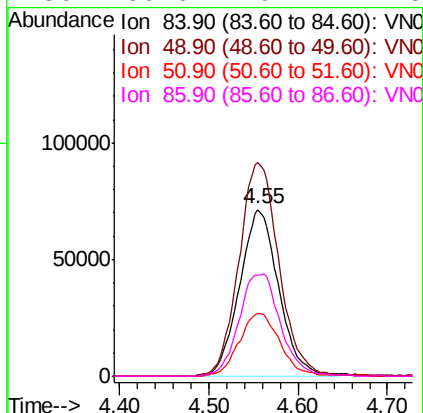
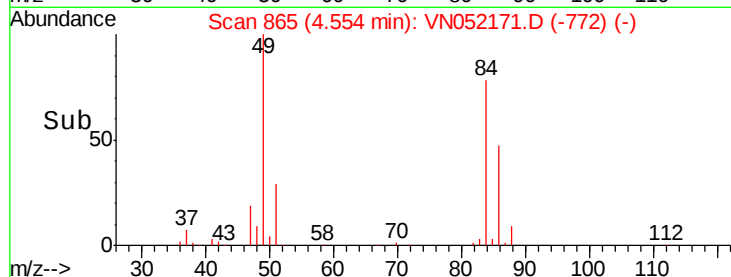
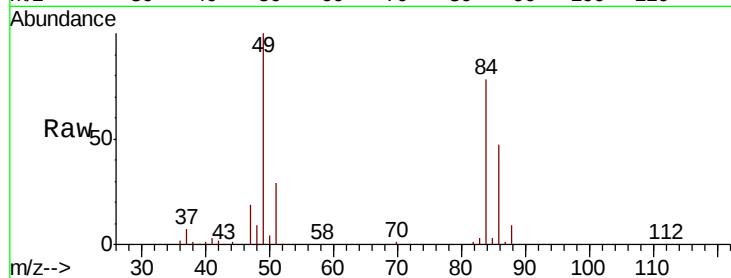




#20
Methylene Chloride
Concen: 63.025 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052171.D
Acq: 6 Nov 2018 2:08

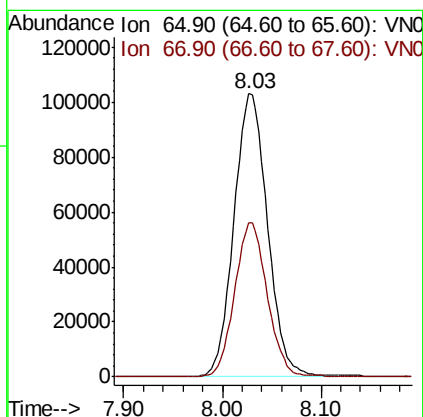
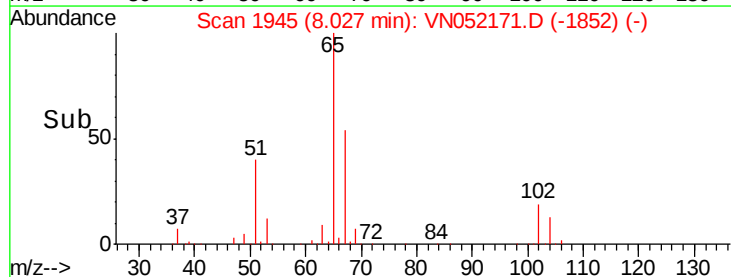
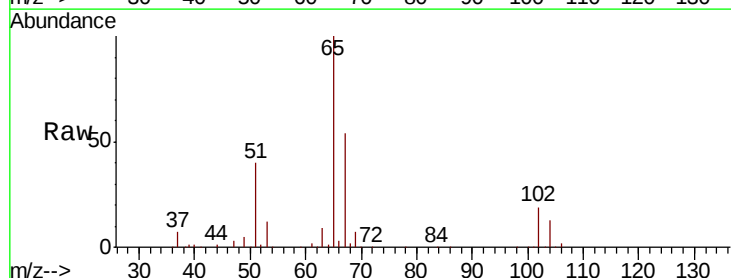
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLES(6-10)

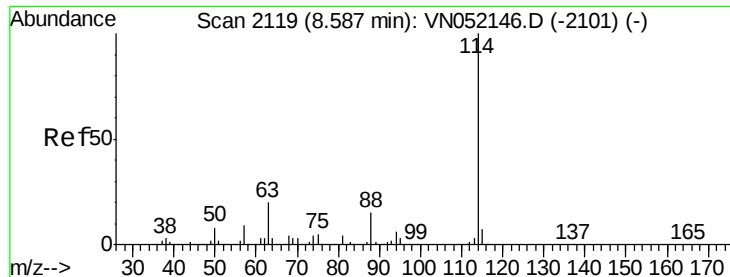
Tot Ion: 84 Resp: 217791
Ion Ratio Lower Upper
84 100
49 127.9 98.4 147.6
51 37.3 32.5 48.7
86 60.6 49.7 74.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN052171.D
Acq: 6 Nov 2018 2:08

Tgt Ion: 65 Resp: 244006
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.6

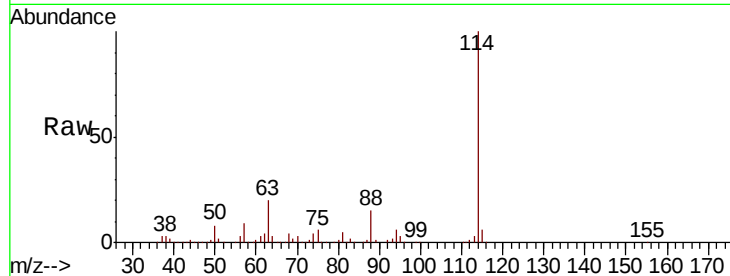




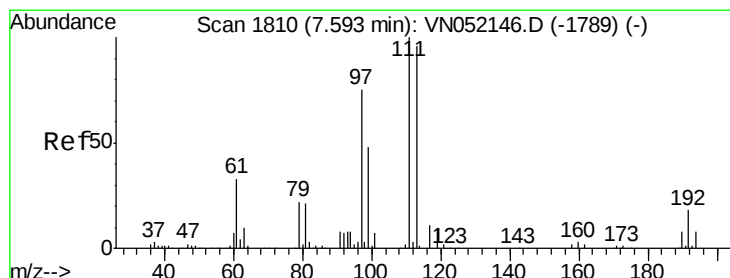
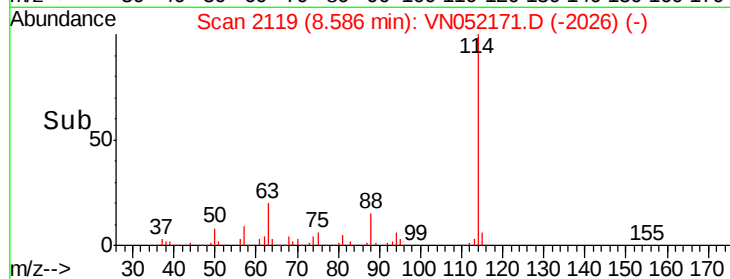
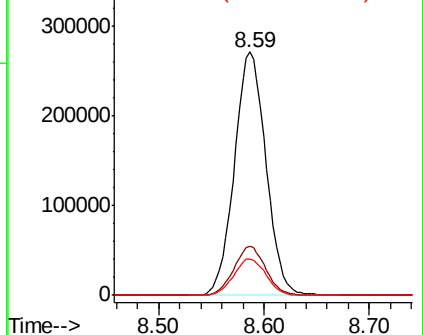
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052171.D
 Acq: 6 Nov 2018 2:08

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLES(6-10)

Tot Ion:114 Resp: 561323
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 14.9 0.0 31.0

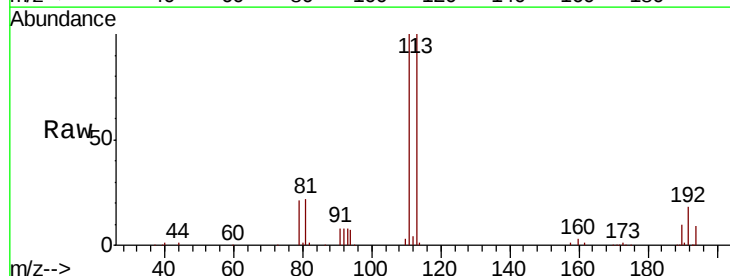


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

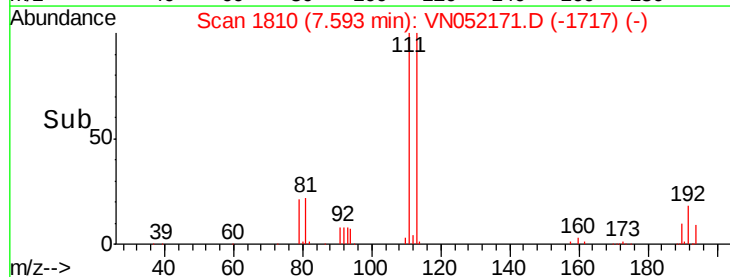
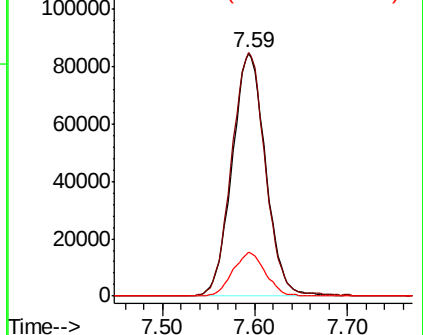


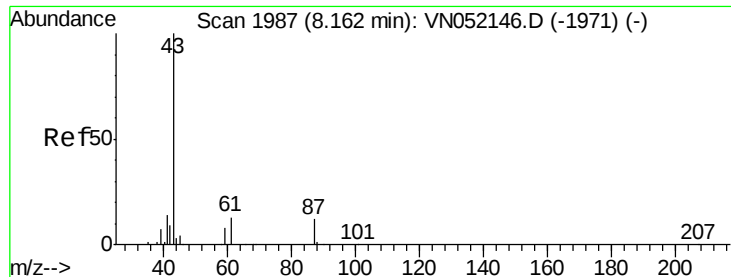
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052171.D
 Acq: 6 Nov 2018 2:08

Tgt Ion:113 Resp: 212441
 Ion Ratio Lower Upper
 113 100
 111 100.3 81.7 122.5
 192 17.5 14.2 21.4



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: 28.099 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052171.D

Acq: 6 Nov 2018 2:08

Instrument :

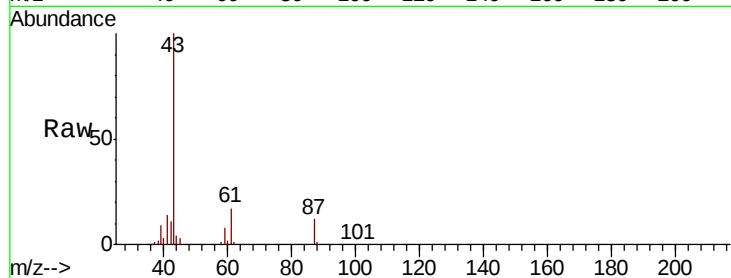
MSVOA_N

ClientSampleId :

COMP-SAMPLES(6-10)

Tot Ion: 43 Resp: 159204

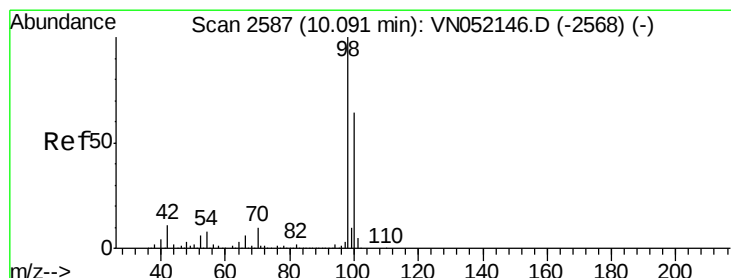
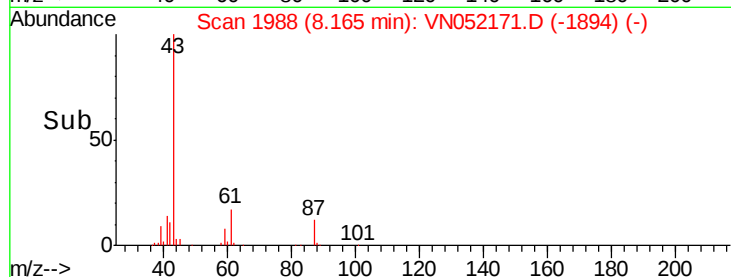
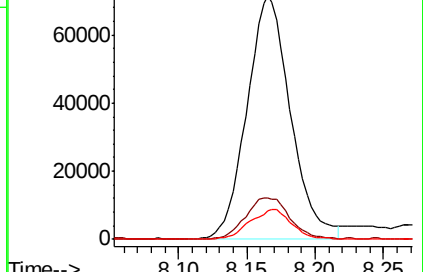
Ion	Ratio	Lower	Upper
43	100		
61	17.4	21.5	32.3#
87	11.7	10.2	15.2



Abundance Ion 43.00 (42.70 to 43.70): VN052146.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN052146.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN052146.D (-1971) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

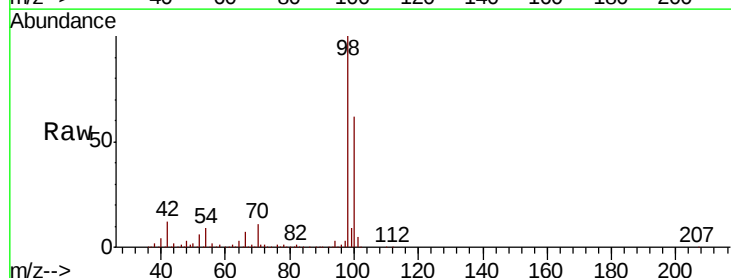
Delta R.T. -0.00 min

Lab File: VN052171.D

Acq: 6 Nov 2018 2:08

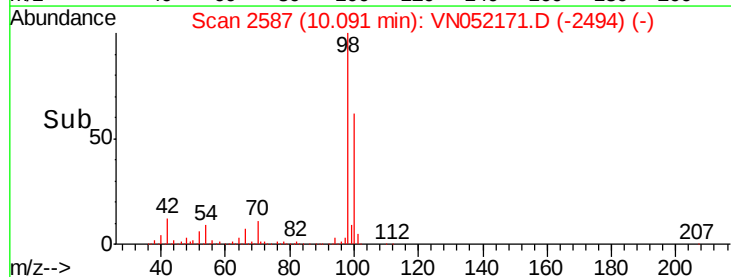
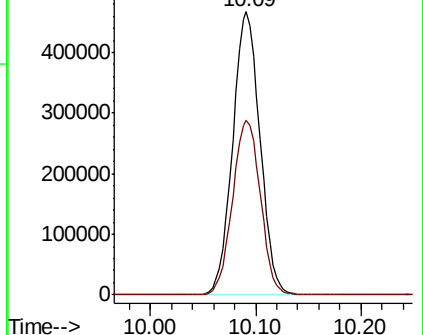
Tgt Ion: 98 Resp: 838179

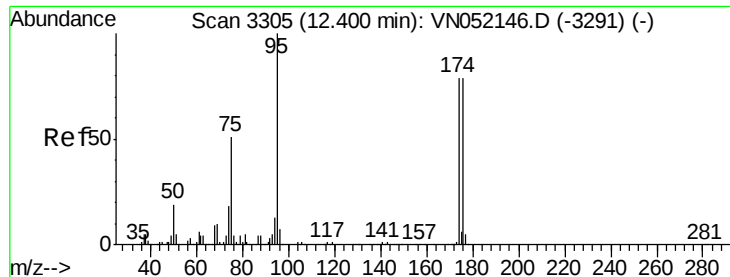
Ion	Ratio	Lower	Upper
98	100		
100	63.0	50.5	75.7



Abundance Ion 98.00 (97.70 to 98.70): VN052146.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN052146.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052171.D

Acq: 6 Nov 2018 2:08

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(6-10)

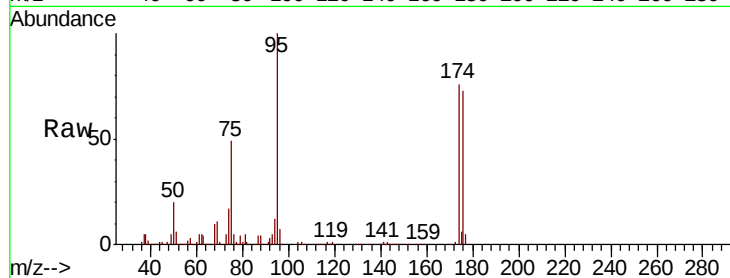
Tot Ion: 95 Resp: 277307

Ion Ratio Lower Upper

95 100

174 77.3 0.0 162.6

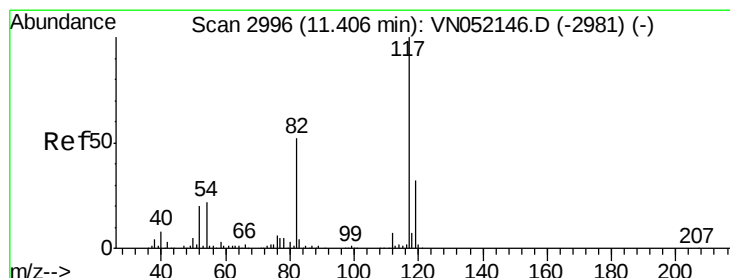
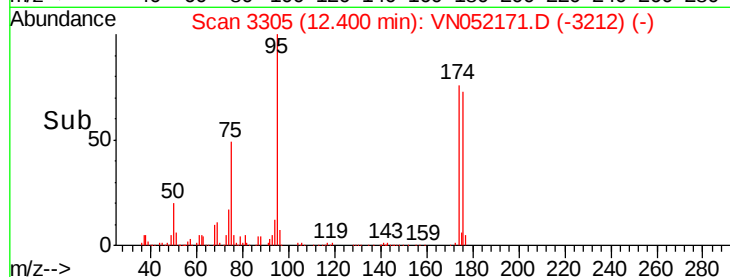
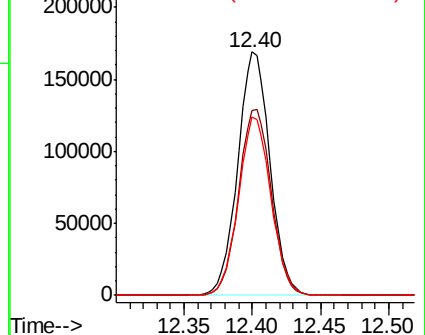
176 73.9 0.0 155.4



Abundance Ion 94.90 (94.60 to 95.60): VN052171.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052171.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052171.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052171.D

Acq: 6 Nov 2018 2:08

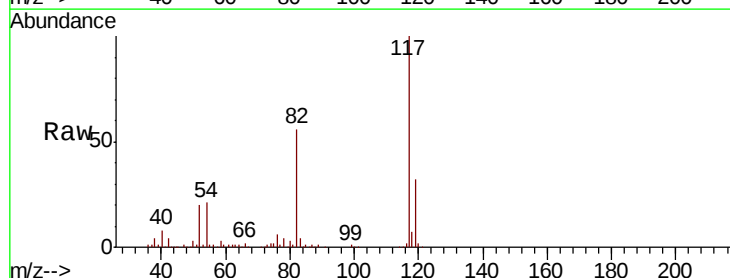
Tgt Ion: 117 Resp: 541960

Ion Ratio Lower Upper

117 100

82 55.8 41.9 62.9

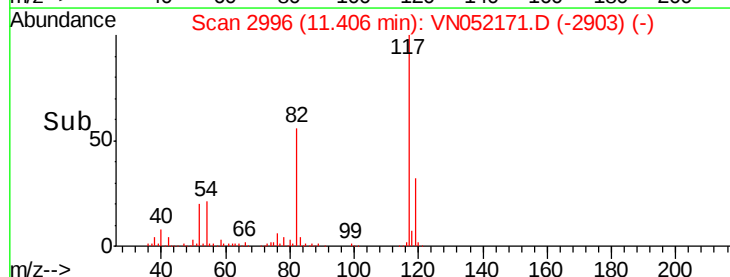
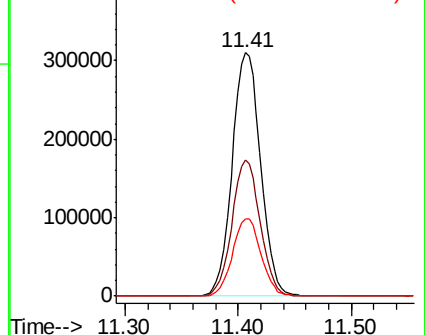
119 32.0 25.7 38.5

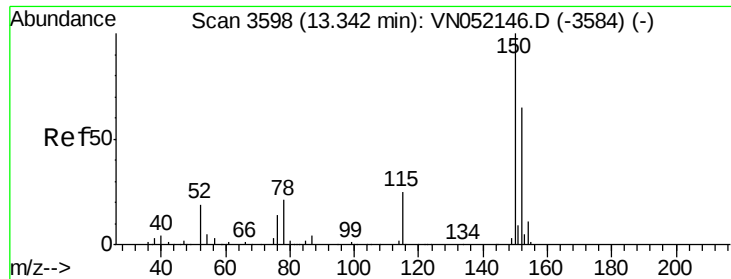


Abundance Ion 116.90 (116.60 to 117.60): VN052171.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052171.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052171.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052171.D

Acq: 6 Nov 2018 2:08

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLES(6-10)

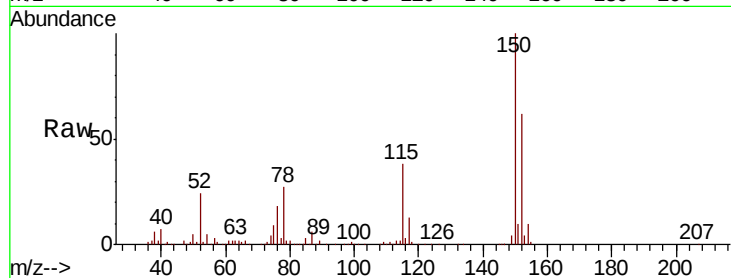
Tot Ion:152 Resp: 216501

Ion Ratio Lower Upper

152 100

115 61.2 28.5 85.5

150 158.7 0.0 348.6



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

