

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050619\
 Data File : VN055419.D
 Acq On : 6 May 2019 16:39
 Operator : JC/SP
 Sample : K2635-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AU-05-050219-D

Quant Time: May 07 02:18:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

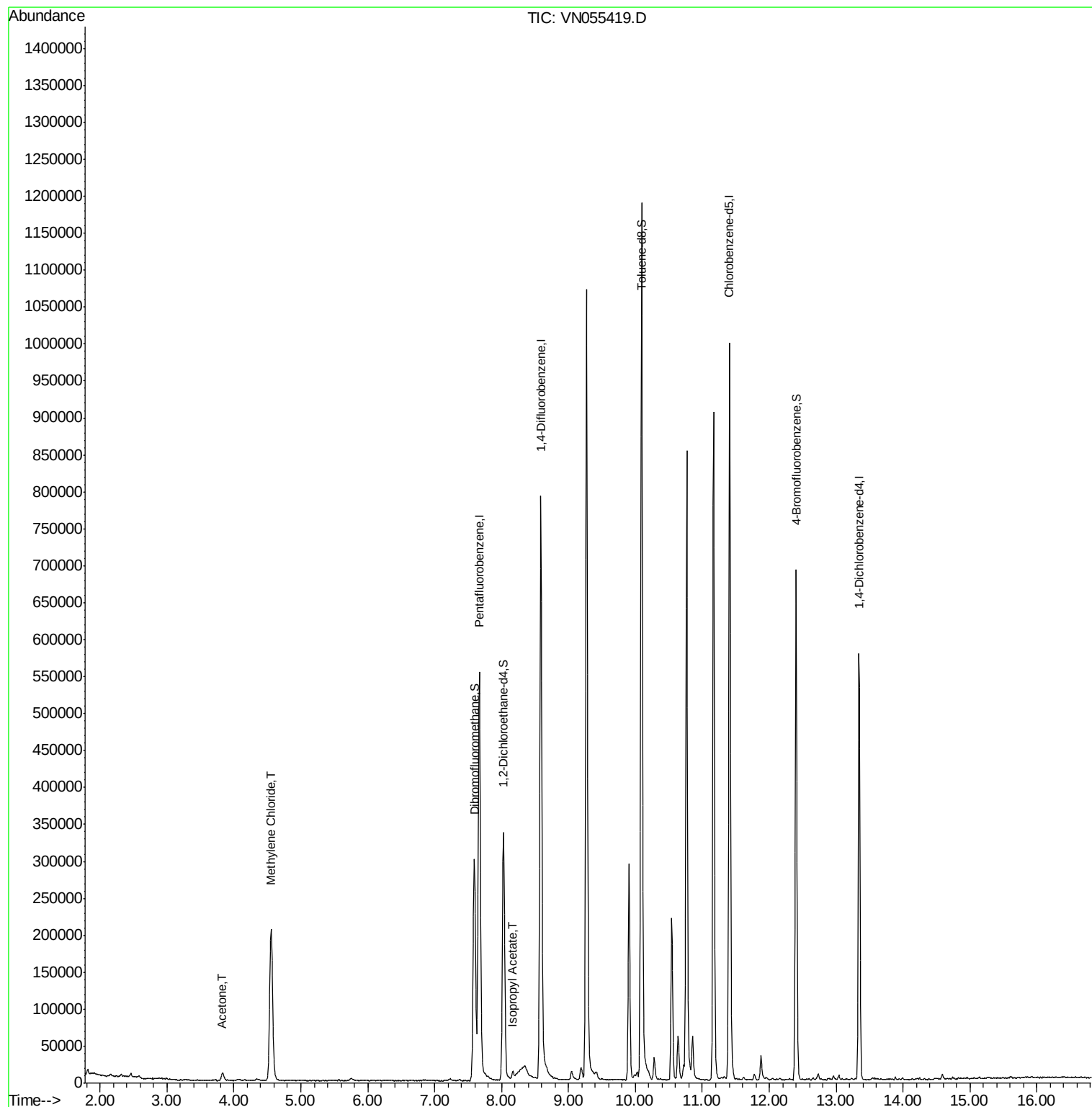
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	465142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	725434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	579570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	155706	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	295049	48.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.98%	
35) Dibromofluoromethane	7.59	113	231038	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
50) Toluene-d8	10.09	98	852039	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.40	95	236961	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
Target Compounds						
16) Acetone	3.83	43	17314	9.132	ug/l	97
20) Methylene Chloride	4.55	84	143802	24.848	ug/l	99
43) Isopropyl Acetate	8.17	43	14621	1.708	ug/l #	78

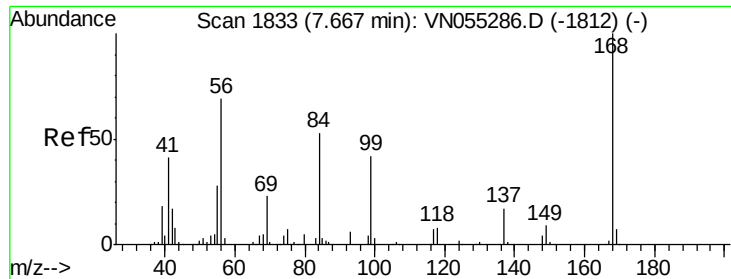
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

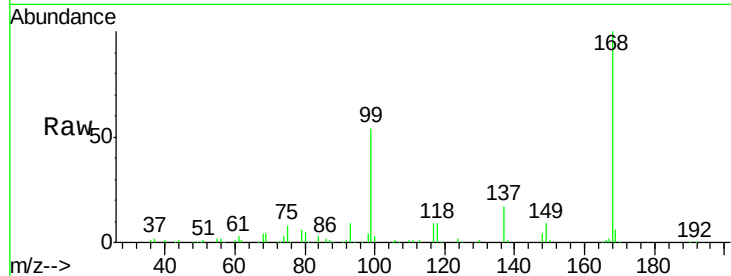
AU-05-050219-D

Tot Ion:168 Resp: 465142

Ion Ratio Lower Upper

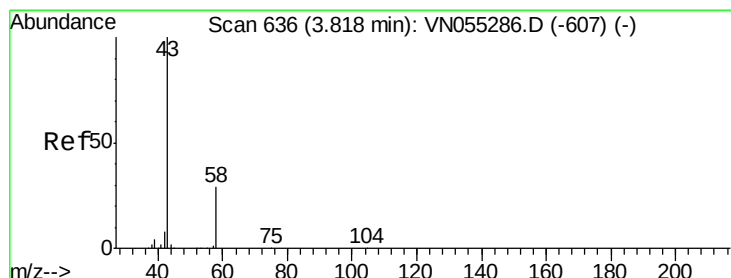
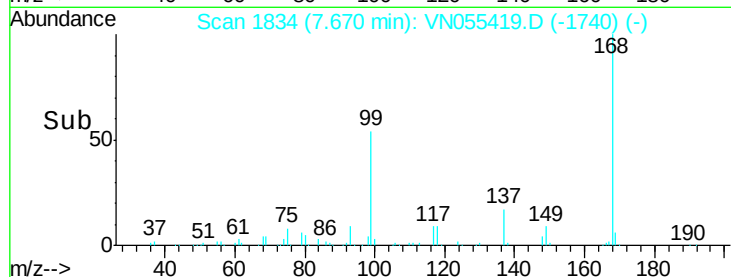
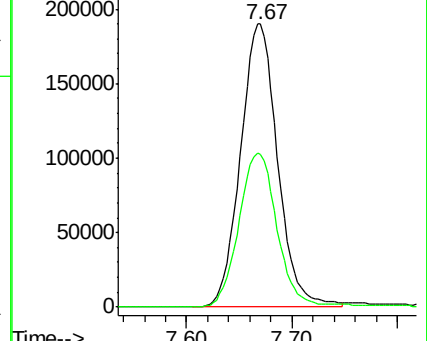
168 100

99 54.0 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 9.132 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055419.D

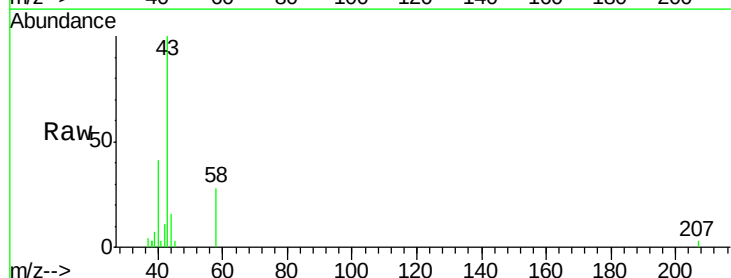
Acq: 6 May 2019 16:39

Tgt Ion: 43 Resp: 17314

Ion Ratio Lower Upper

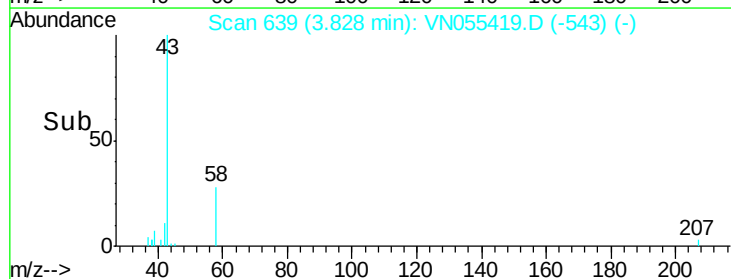
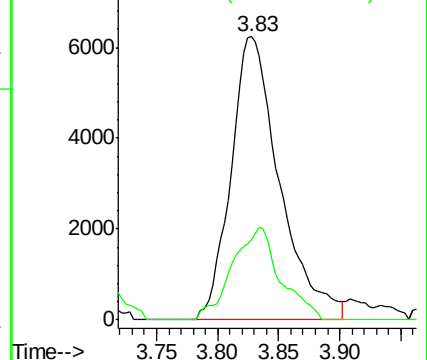
43 100

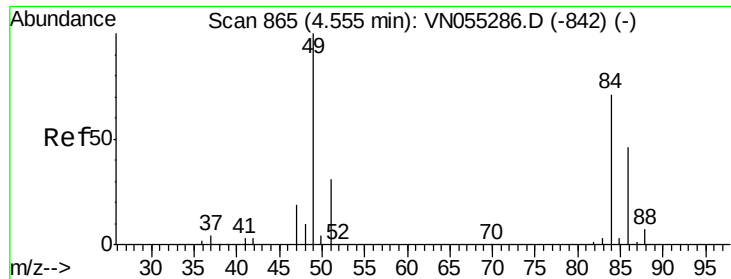
58 28.0 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

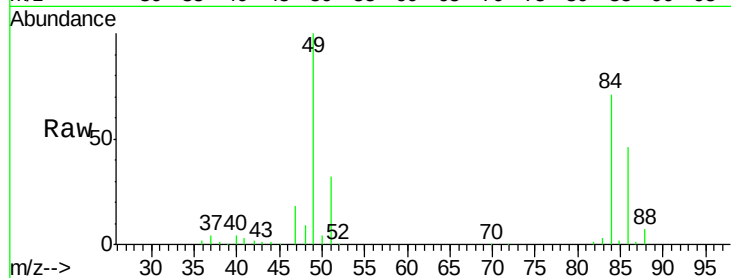




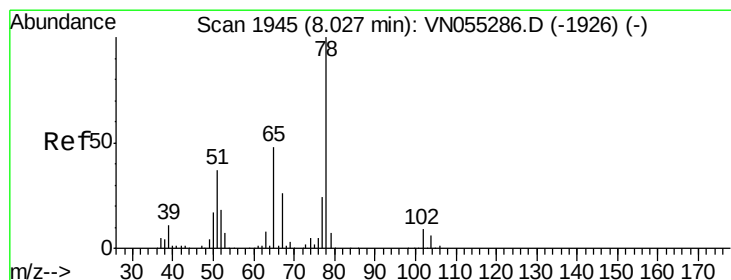
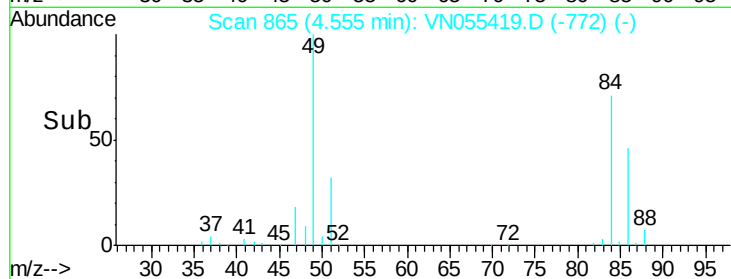
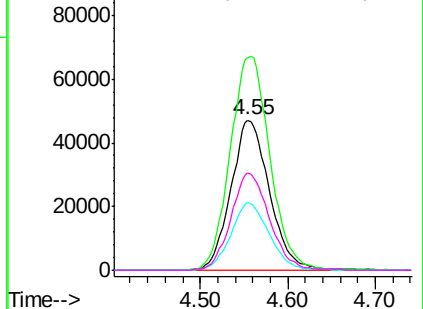
#20
Methvlene Chloride
Concen: 24.848 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Instrument :
MSVOA_N
ClientSampleId :
AU-05-050219-D

Tot Ion: 84 Resp: 143802
Ion Ratio Lower Upper
84 100
49 141.8 112.4 168.6
51 44.9 34.6 51.8
86 65.3 51.9 77.9

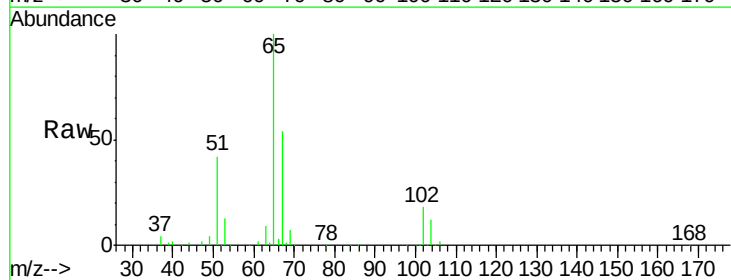


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

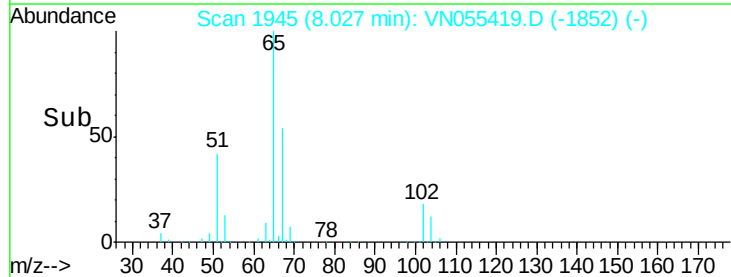
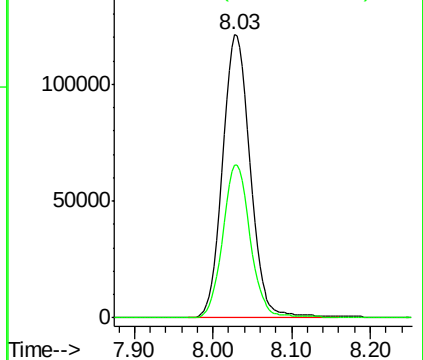


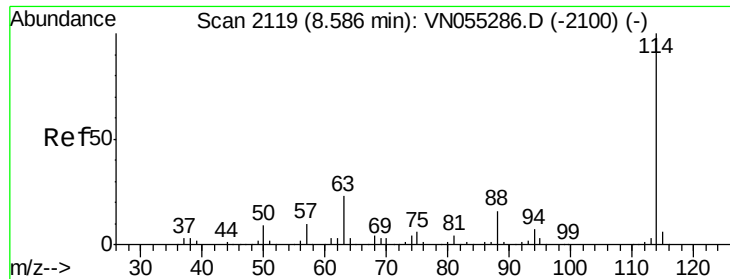
#33
1,2-Dichloroethane-d4
Concen: 48.487 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055419.D
Acq: 6 May 2019 16:39

Tgt Ion: 65 Resp: 295049
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.8



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: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

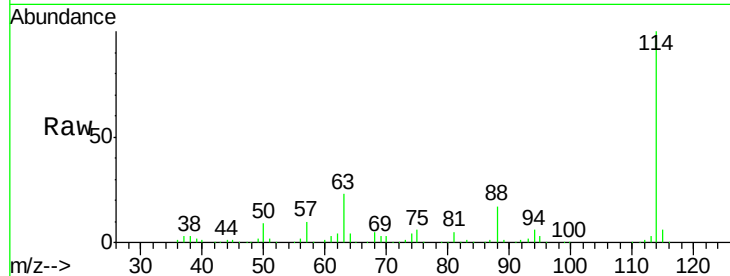
Tot Ion:114 Resp: 725434

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

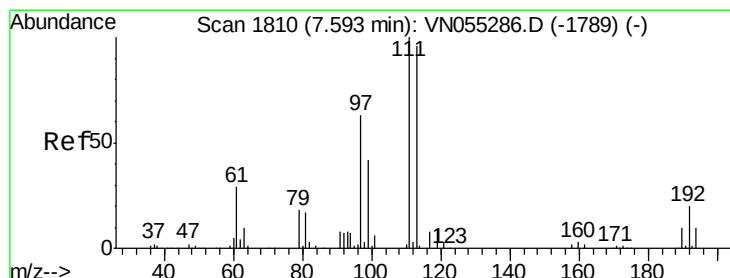
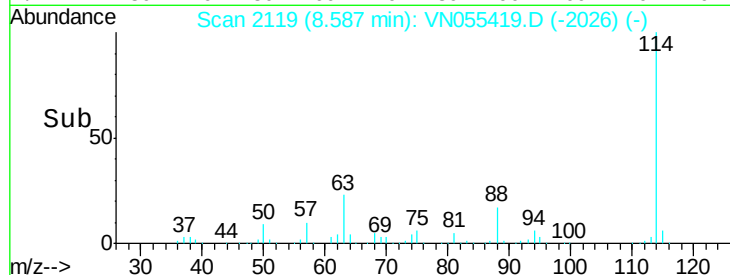
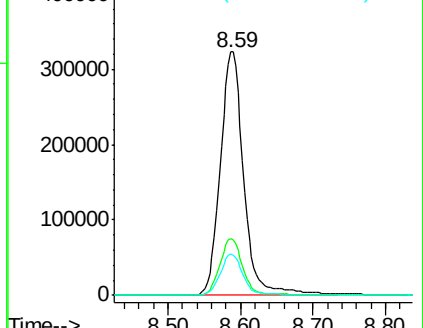
88 17.0 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.522 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

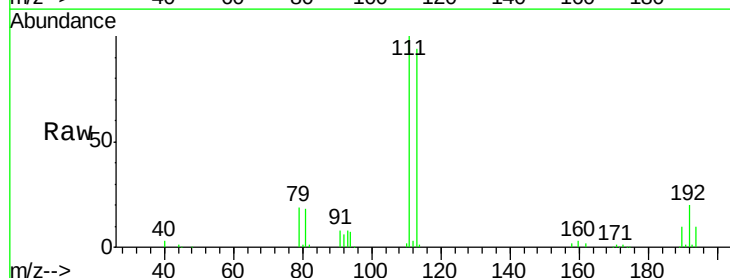
Tgt Ion:113 Resp: 231038

Ion Ratio Lower Upper

113 100

111 102.4 82.3 123.5

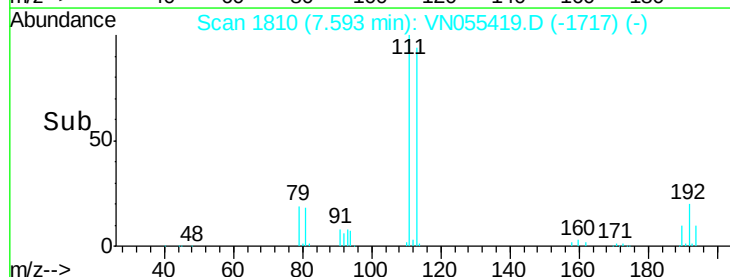
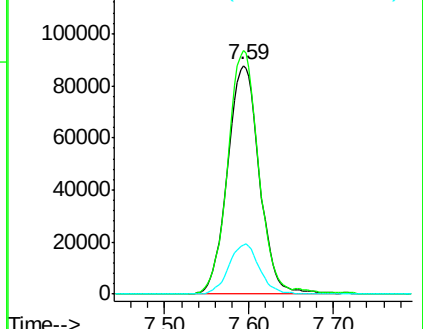
192 21.1 17.0 25.6

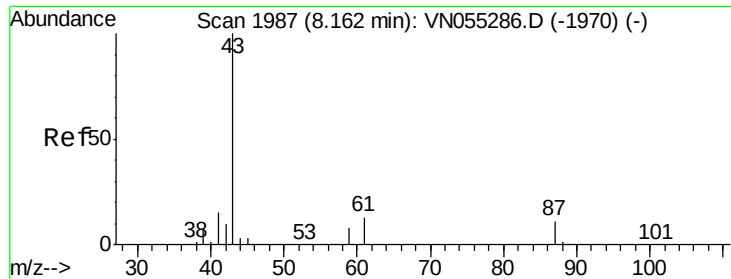


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.708 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

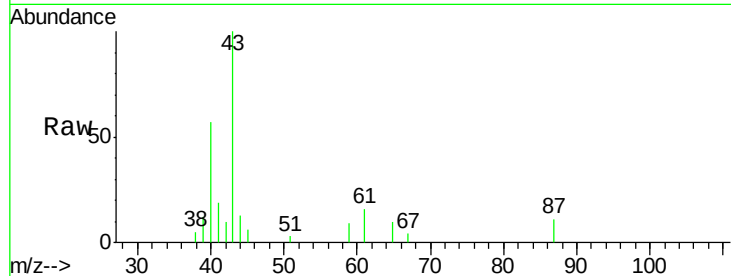
Tot Ion: 43 Resp: 14621

Ion Ratio Lower Upper

43 100

61 10.9 20.8 31.2#

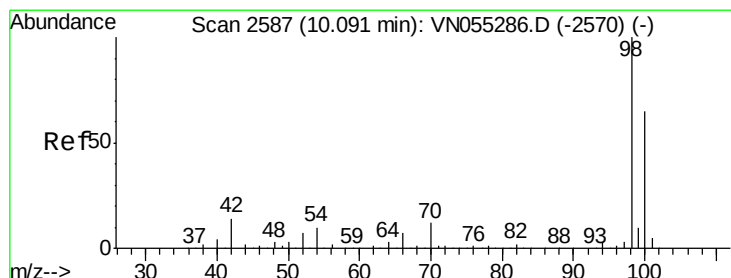
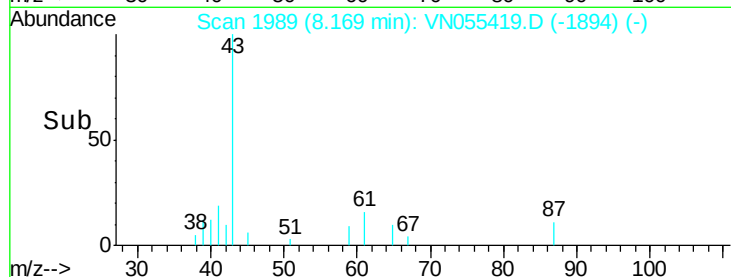
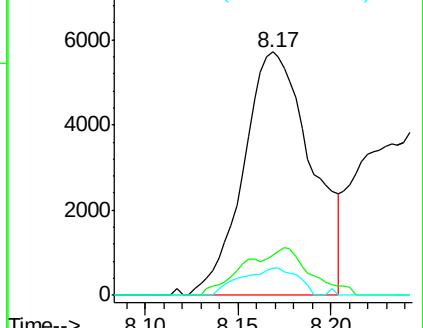
87 9.3 8.5 12.7



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: 49.557 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055419.D

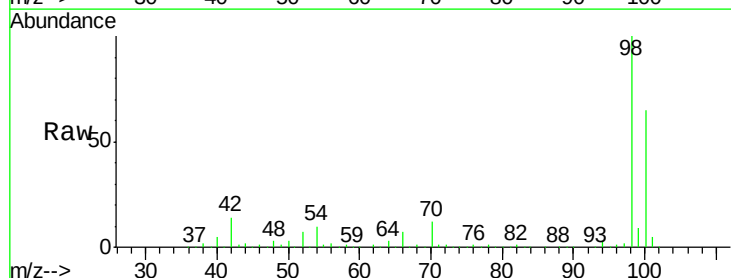
Acq: 6 May 2019 16:39

Tgt Ion: 98 Resp: 852039

Ion Ratio Lower Upper

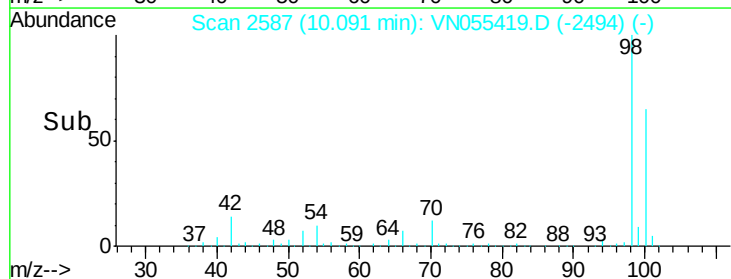
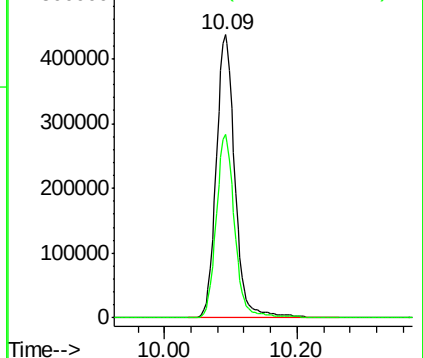
98 100

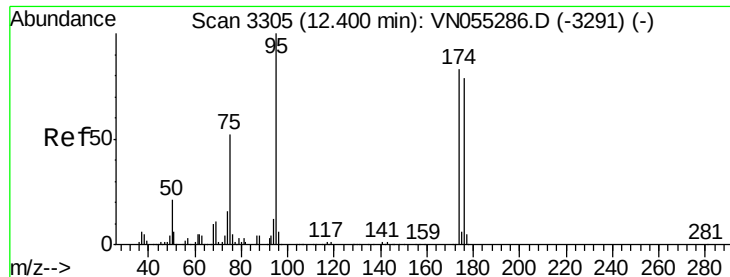
100 63.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 44.098 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

MSVOA_N

ClientSampleId :

AU-05-050219-D

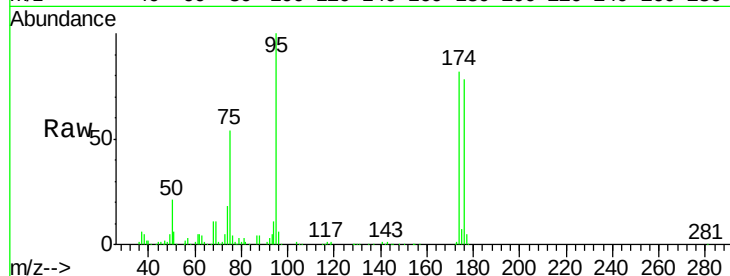
Tot Ion: 95 Resp: 236961

Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.6

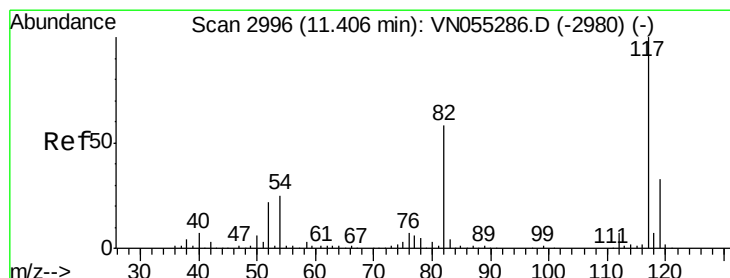
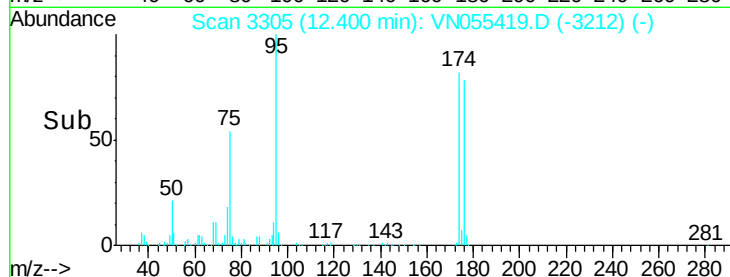
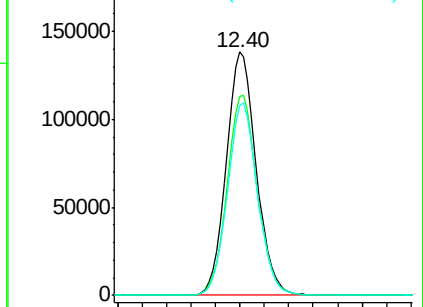
176 79.4 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055419.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN055419.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN055419.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

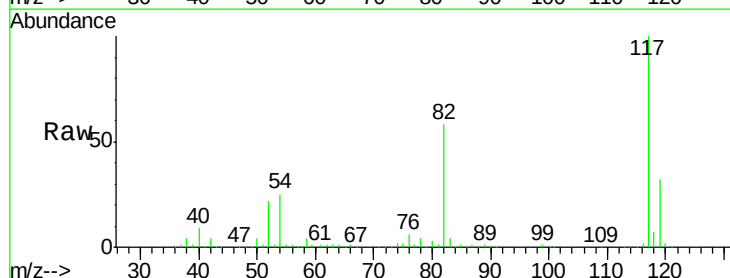
Tgt Ion: 117 Resp: 579570

Ion Ratio Lower Upper

117 100

82 58.4 46.2 69.4

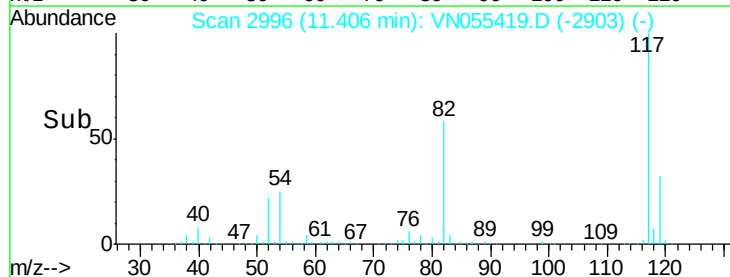
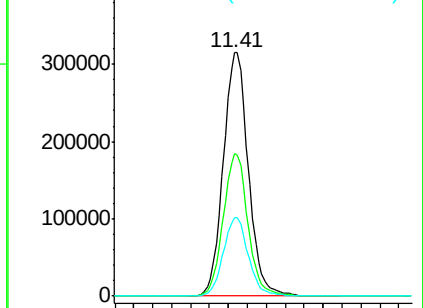
119 32.4 26.6 40.0

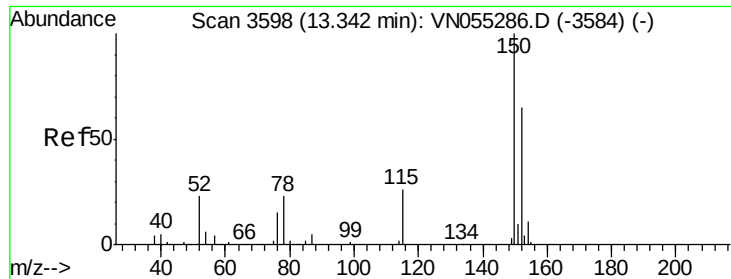


Abundance Ion 116.90 (116.60 to 117.60): VN055419.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055419.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055419.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055419.D

Acq: 6 May 2019 16:39

Instrument :

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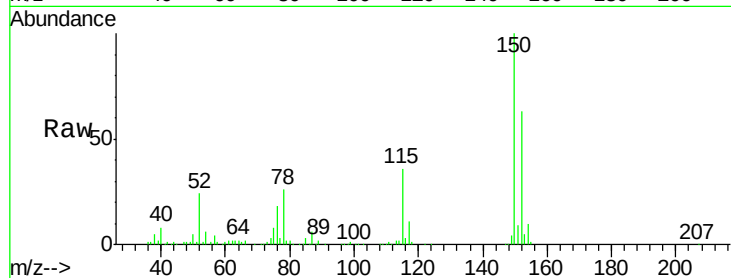
Tot Ion:152 Resp: 155706

Ion Ratio Lower Upper

152 100

115 58.4 29.0 87.0

150 157.6 0.0 345.6



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

