

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052119\
 Data File : VN055707.D
 Acq On : 21 May 2019 14:17
 Operator : JC/SP
 Sample : K2959-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 20662

Quant Time: May 22 05:37:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

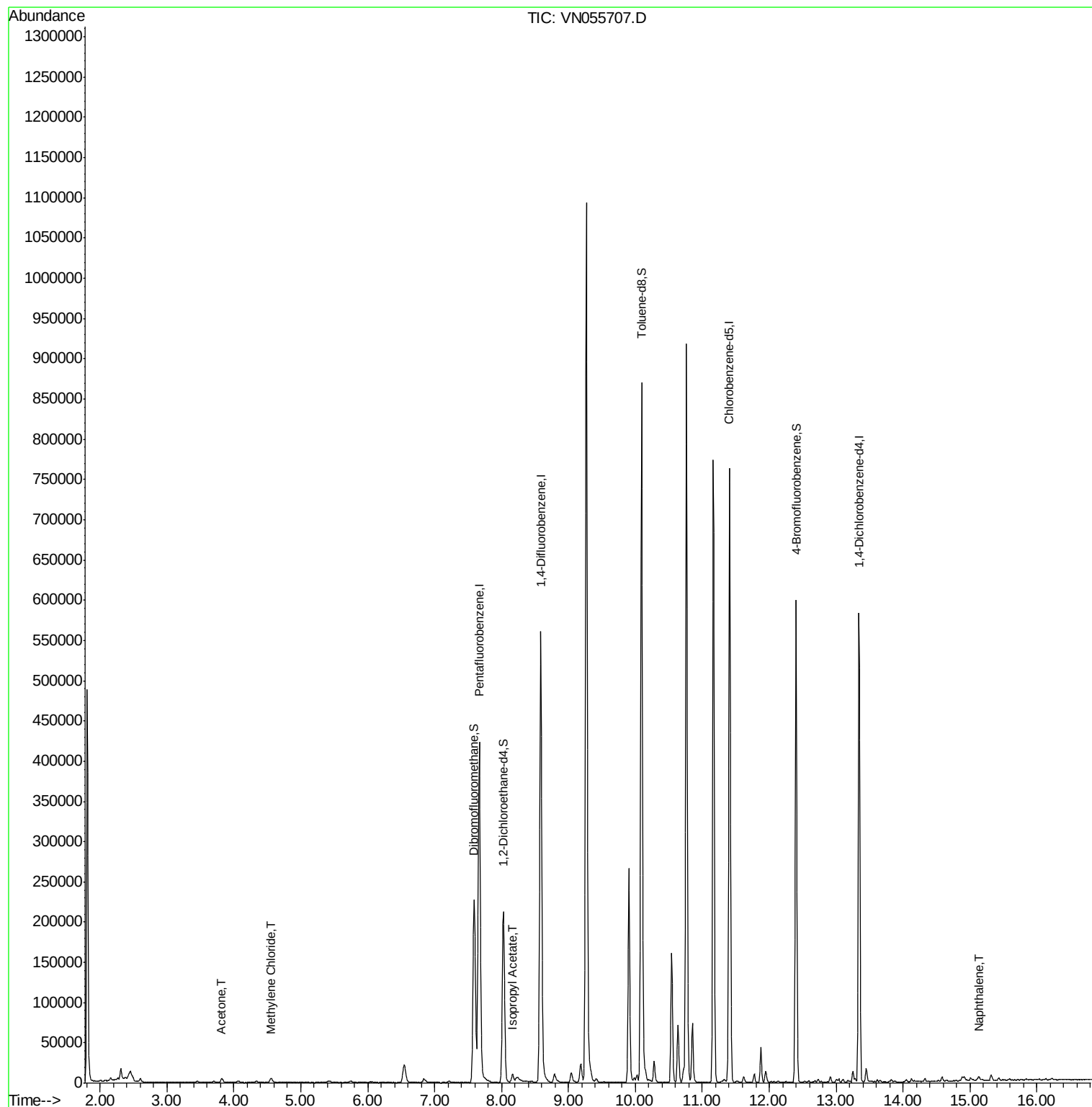
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	410596	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	575887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	491490	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	175145	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	183112	40.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.36%	
35) Dibromofluoromethane	7.59	113	175270	47.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.82%	
50) Toluene-d8	10.09	98	656442	47.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.92%	
62) 4-Bromofluorobenzene	12.40	95	206464	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
Target Compounds						
16) Acetone	3.82	43	9833	5.353	ug/l	93
20) Methylene Chloride	4.56	84	4433	1.058	ug/l	94
43) Isopropyl Acetate	8.16	43	13266	1.646	ug/l #	91
95) Naphthalene	15.13	128	5782	2.377	ug/l	98

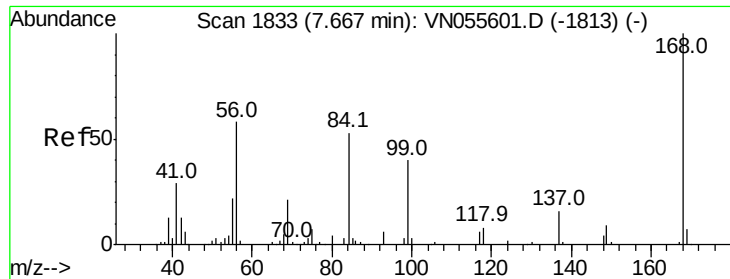
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampled :

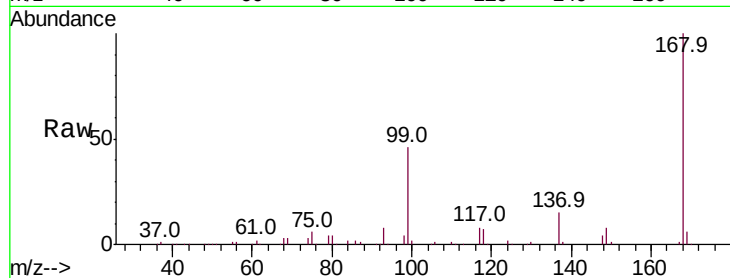
20662

Tot Ion:168 Resp: 410596

Ion Ratio Lower Upper

168 100

99 46.1 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

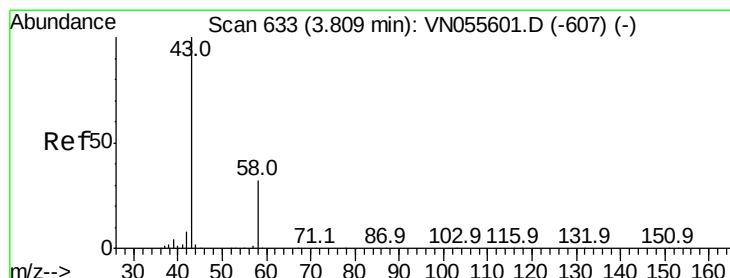
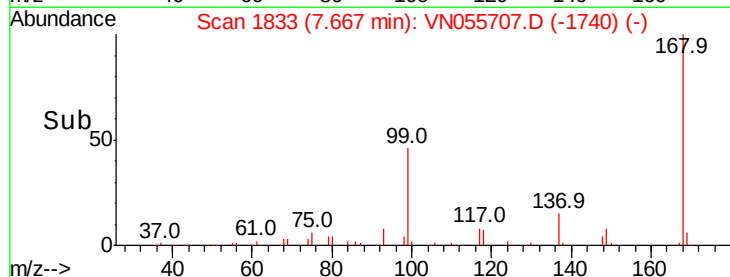
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.353 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN055707.D

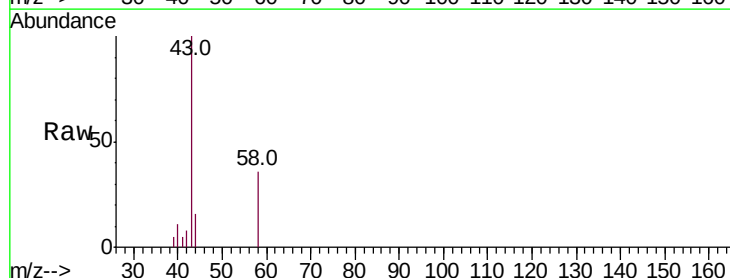
Acq: 21 May 2019 14:17

Tgt Ion: 43 Resp: 9833

Ion Ratio Lower Upper

43 100

58 36.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

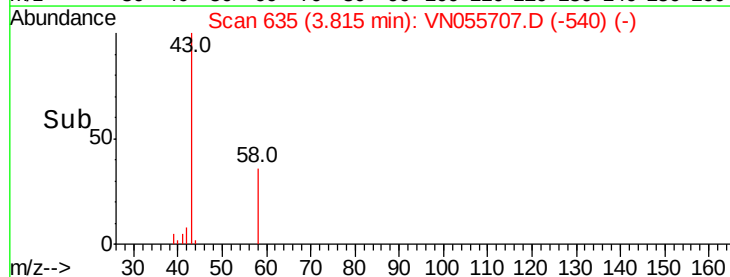
3000

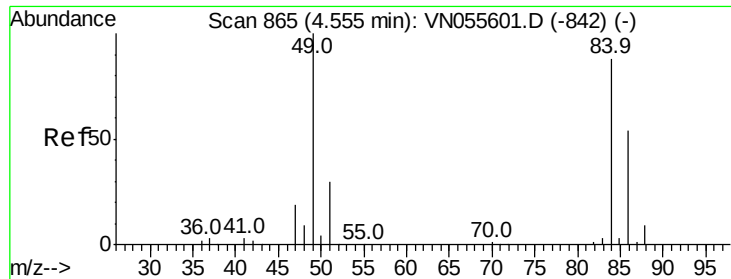
2000

1000

0

Time--> 3.80 3.90



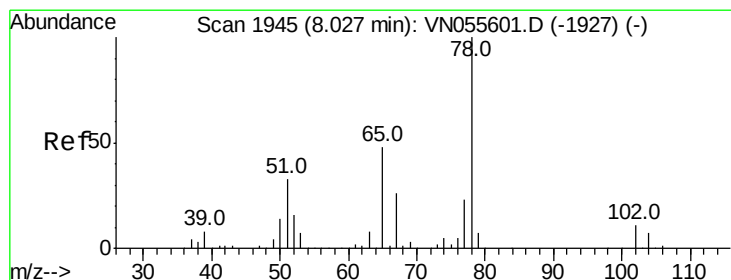
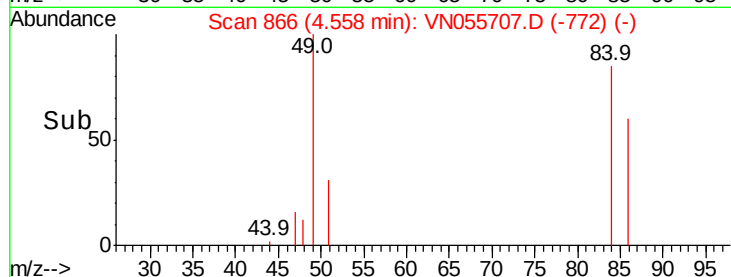
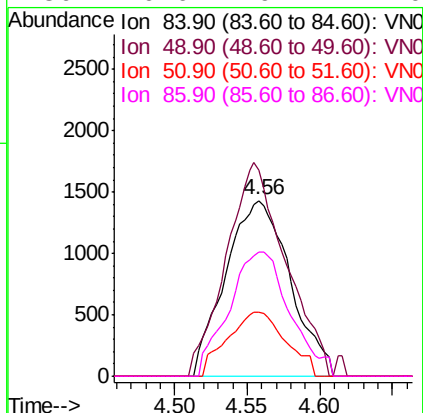
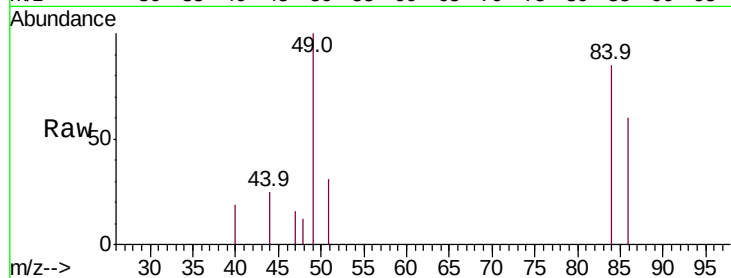


#20
Methylene Chloride
Concen: 1.058 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Instrument :
MSVOA_N
ClientSampled :
20662

Tot Ion: 84 Resp: 4433

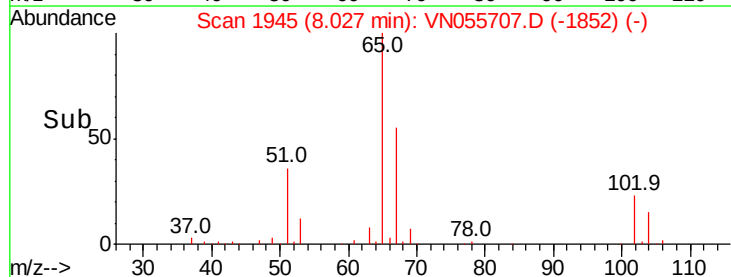
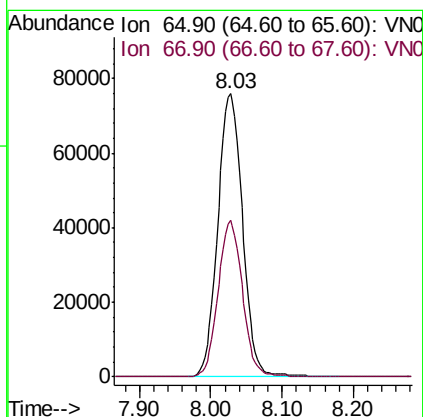
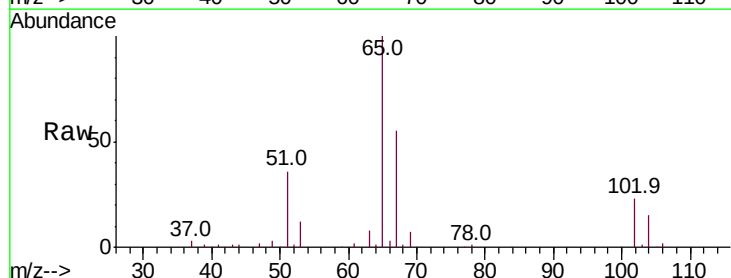
Ion	Ratio	Lower	Upper
84	100		
49	117.1	91.0	136.4
51	36.6	27.5	41.3
86	70.6	49.4	74.0

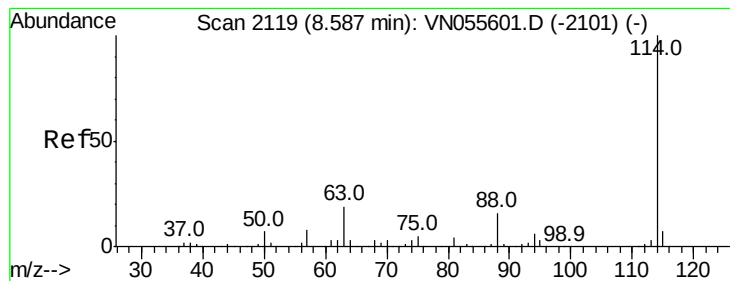


#33
1,2-Dichloroethane-d4
Concen: 40.683 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Tgt Ion: 65 Resp: 183112

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	108.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

20662

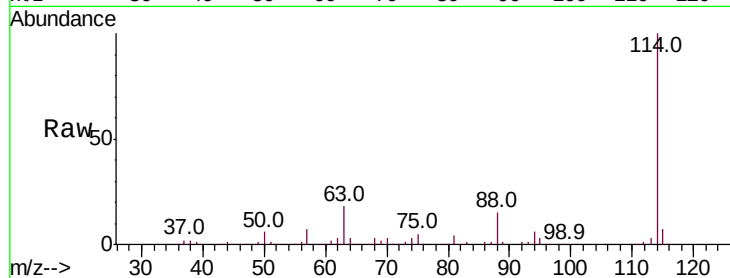
Tot Ion:114 Resp: 575887

Ion Ratio Lower Upper

114 100

63 18.0 0.0 38.2

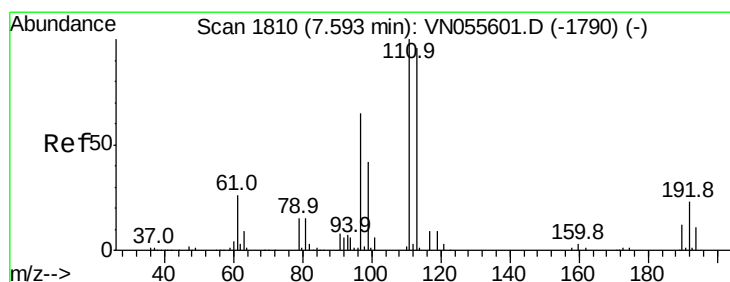
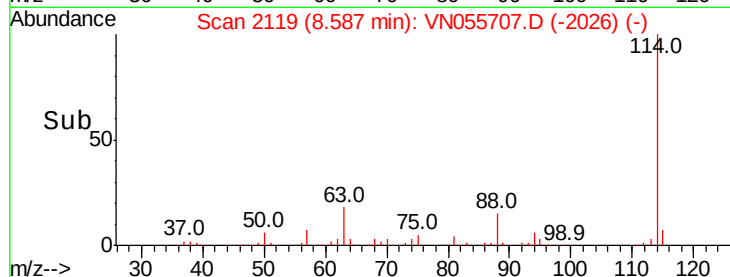
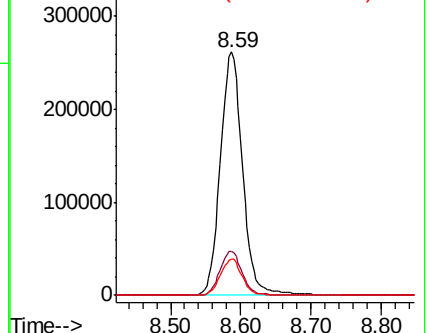
88 15.1 0.0 31.0



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: 47.910 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

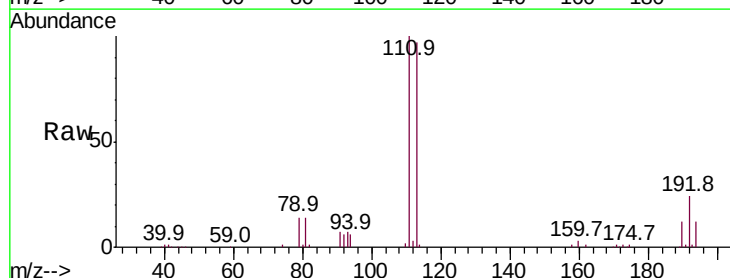
Tgt Ion:113 Resp: 175270

Ion Ratio Lower Upper

113 100

111 101.8 82.5 123.7

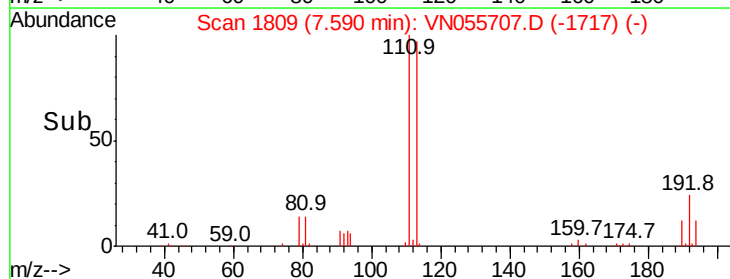
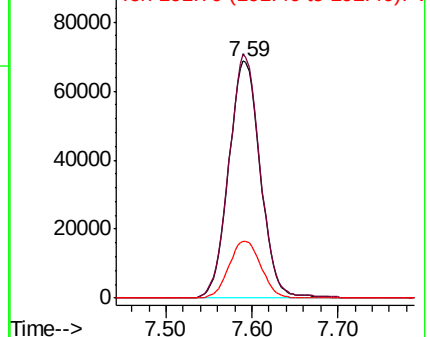
192 24.4 18.7 28.1

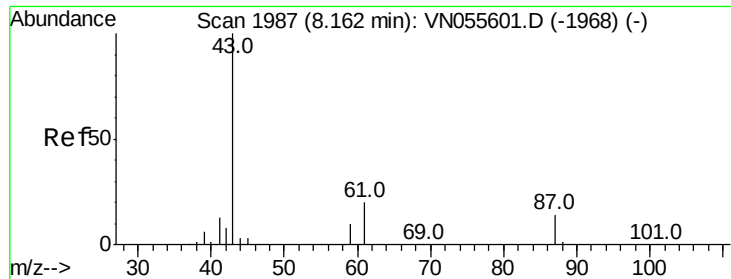


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.646 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampleId :

20662

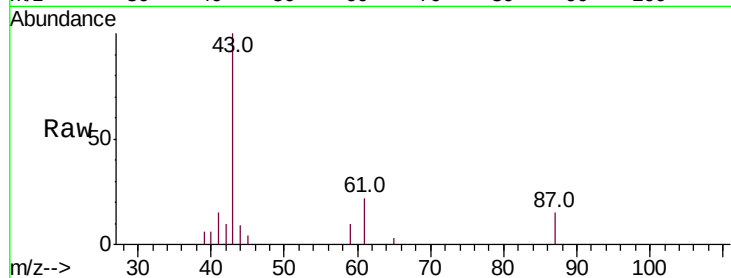
Tot Ion: 43 Resp: 13266

Ion Ratio Lower Upper

43 100

61 21.5 22.1 33.1#

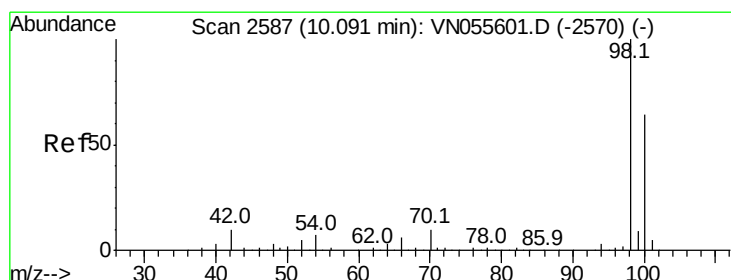
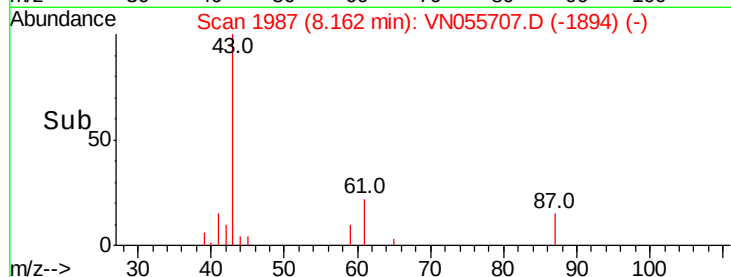
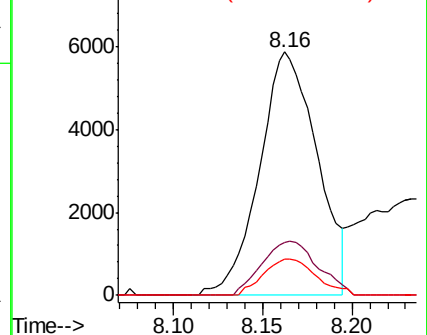
87 13.6 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VN055707.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN055707.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN055707.D (-1968) (-)



#50

Toluene-d8

Concen: 47.457 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055707.D

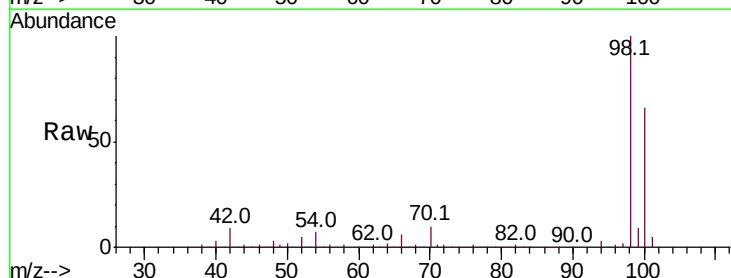
Acq: 21 May 2019 14:17

Tgt Ion: 98 Resp: 656442

Ion Ratio Lower Upper

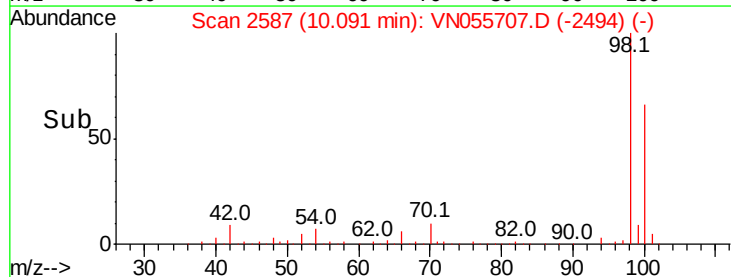
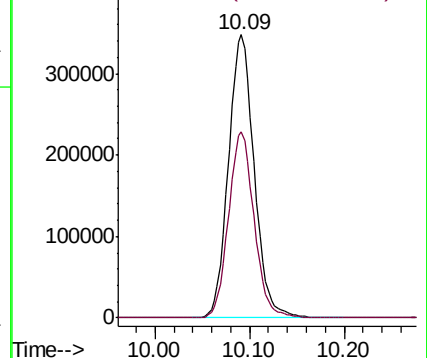
98 100

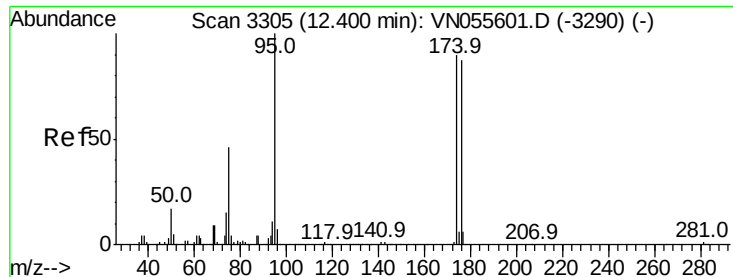
100 65.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055707.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN055707.D (-2494) (-)

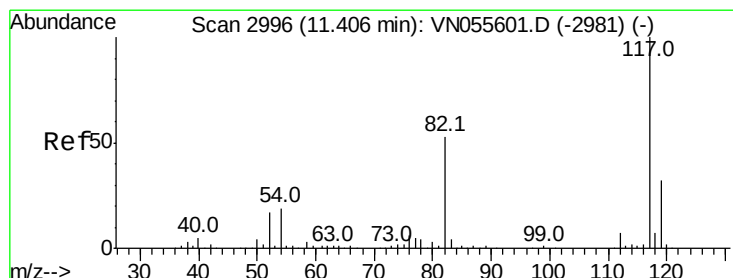
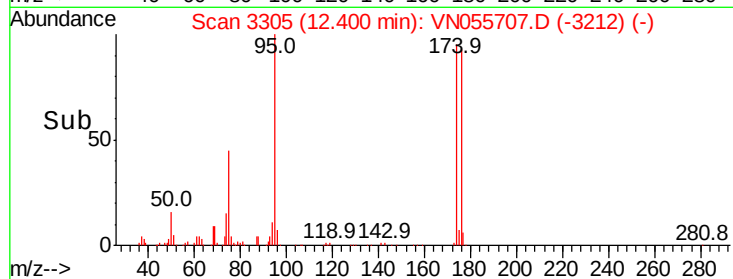
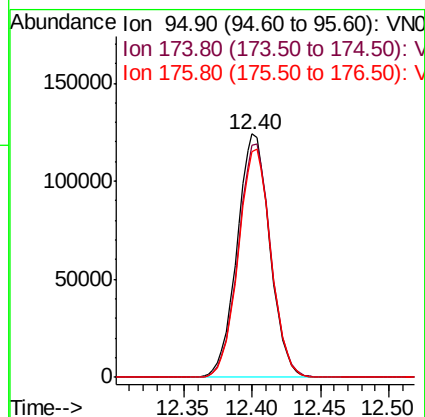
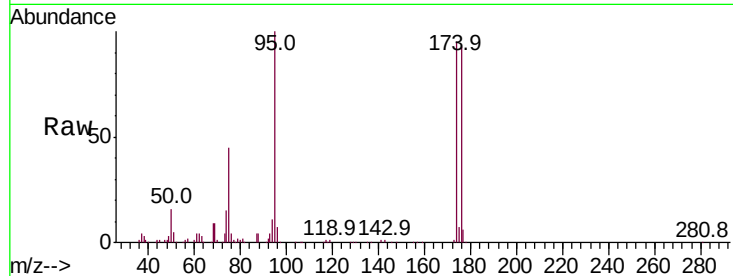




#62
4-Bromofluorobenzene
Concen: 43.224 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

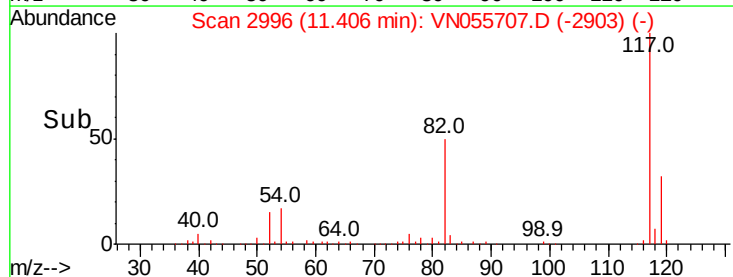
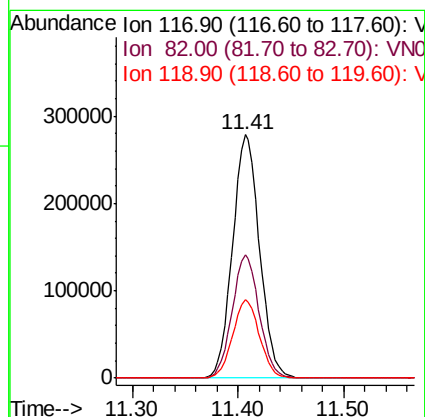
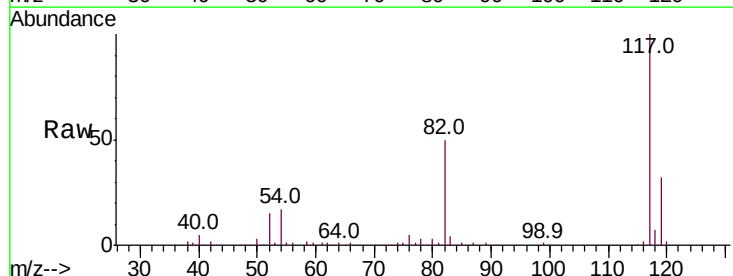
Instrument :
MSVOA_N
ClientSampleId :
20662

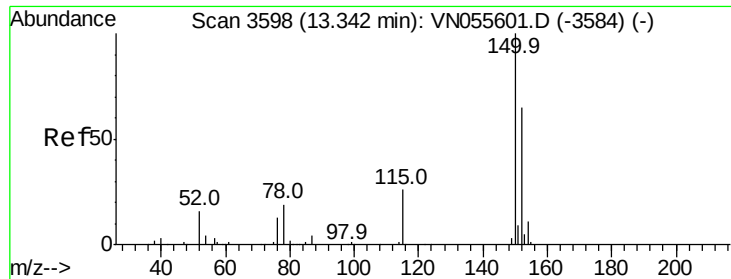
Tot Ion: 95 Resp: 206464
Ion Ratio Lower Upper
95 100
174 95.6 0.0 180.6
176 93.3 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055707.D
Acq: 21 May 2019 14:17

Tgt Ion: 117 Resp: 491490
Ion Ratio Lower Upper
117 100
82 50.4 42.3 63.5
119 32.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

Instrument :

MSVOA_N

ClientSampled :

20662

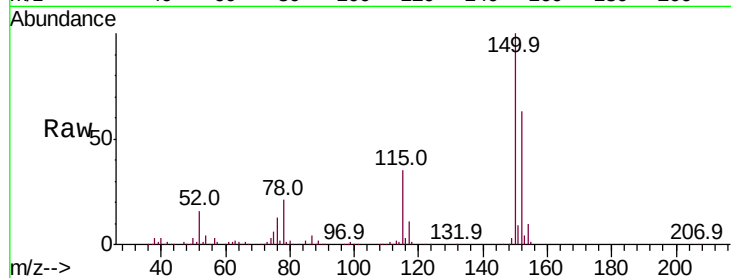
Tot Ion:152 Resp: 175145

Ion Ratio Lower Upper

152 100

115 55.1 28.1 84.2

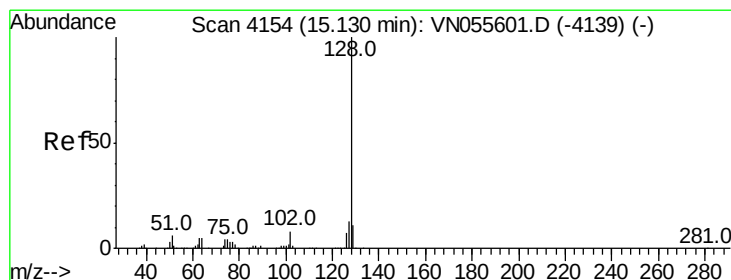
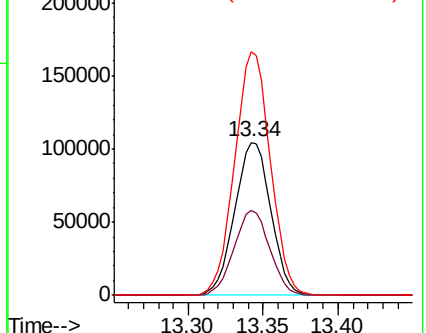
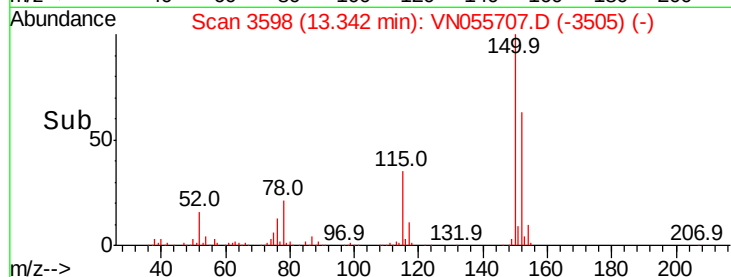
150 158.0 0.0 348.0



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



#95

Naphthalene

Concen: 2.377 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055707.D

Acq: 21 May 2019 14:17

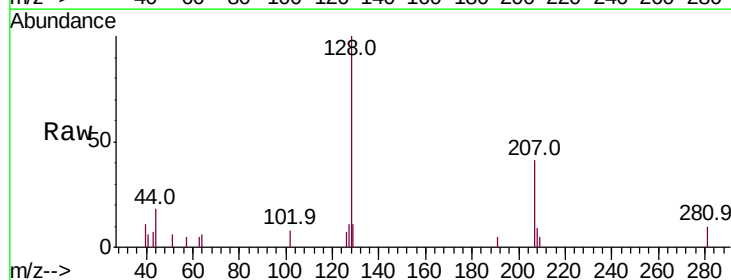
Tgt Ion:128 Resp: 5782

Ion Ratio Lower Upper

128 100

127 11.5 10.2 15.4

129 11.2 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

