

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061698.D
 Acq On : 8 Jun 2020 16:08
 Operator : JC/MD
 Sample : L2890-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-24245

Quant Time: Jun 09 04:09:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

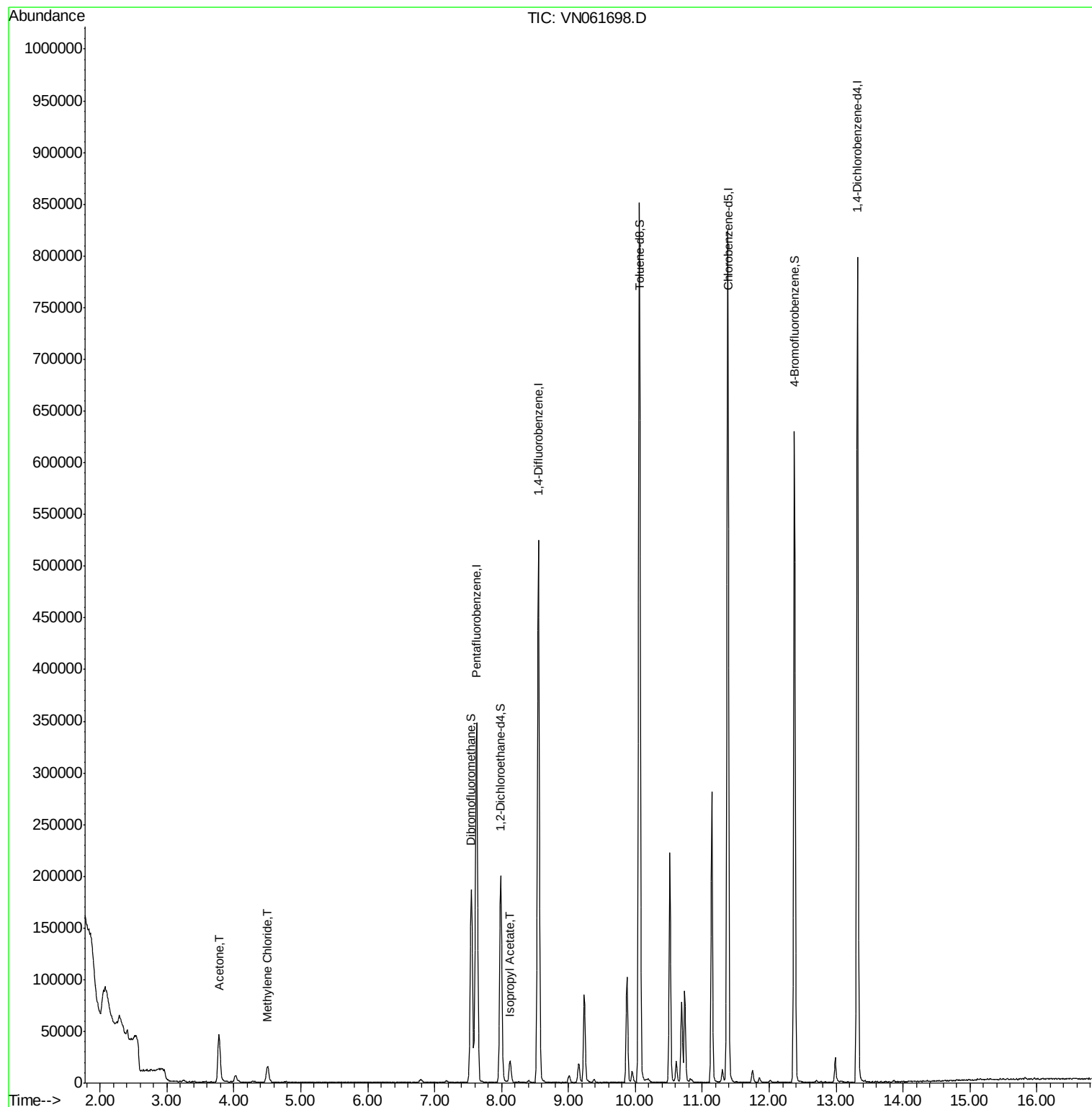
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	300156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	509496	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	513348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	230604	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	168868	47.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.44%	
35) Dibromofluoromethane	7.55	113	142935	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
50) Toluene-d8	10.06	98	615741	51.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.82%	
62) 4-Bromofluorobenzene	12.38	95	220461	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
Target Compounds						
16) Acetone	3.78	43	76401	73.131	ug/l	95
20) Methylene Chloride	4.50	84	11899	1.990	ug/l	96
43) Isopropyl Acetate	8.12	43	23764	3.636	ug/l #	90

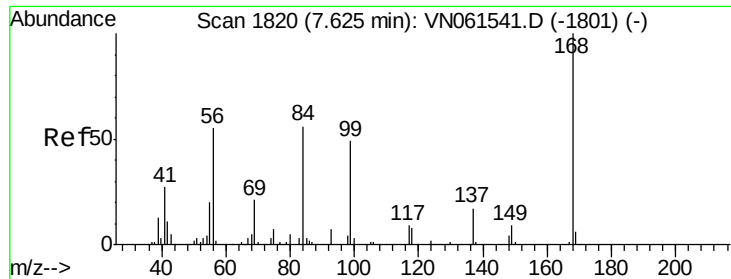
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061698.D

Acq: 8 Jun 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

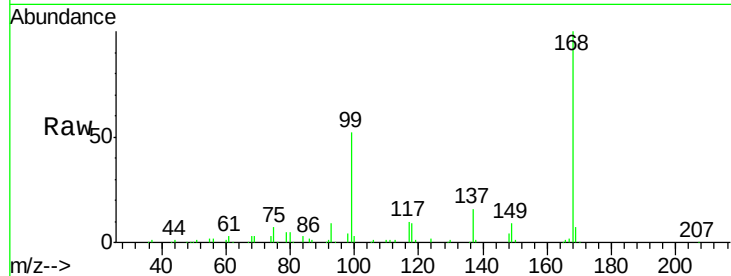
CHRT-24245

Tot Ion:168 Resp: 300156

Ion Ratio Lower Upper

168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

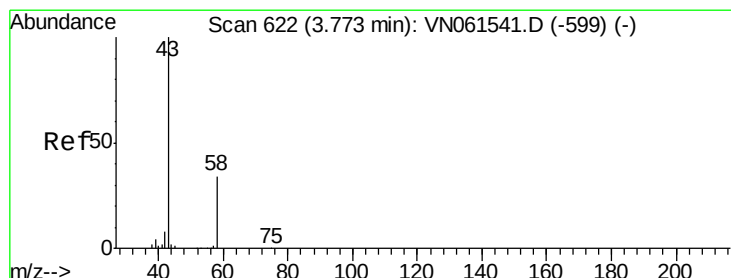
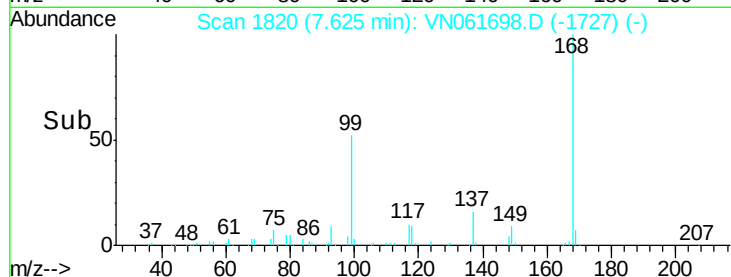
7.63

100000

50000

0

Time-->



#16

Acetone

Concen: 73.131 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061698.D

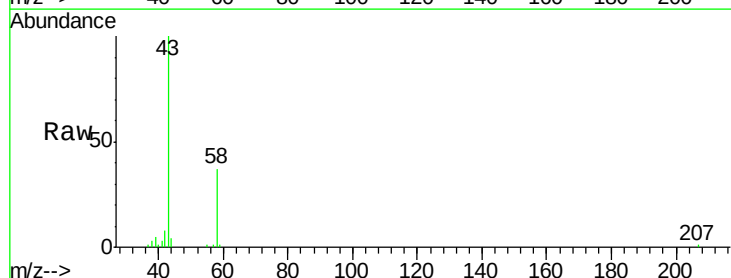
Acq: 8 Jun 2020 16:08

Tgt Ion: 43 Resp: 76401

Ion Ratio Lower Upper

43 100

58 36.9 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

30000

25000

20000

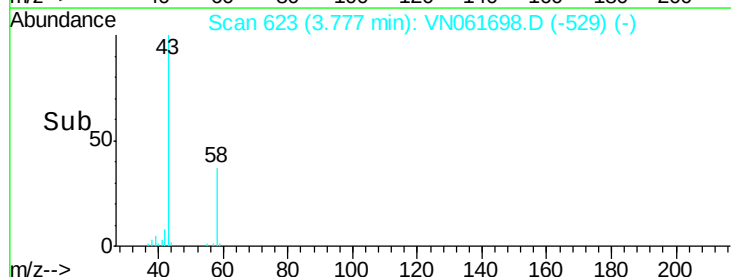
15000

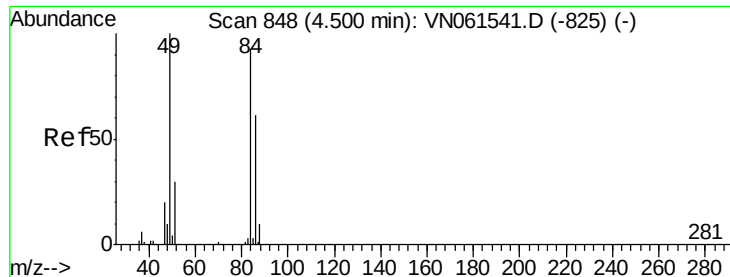
10000

5000

0

Time-->

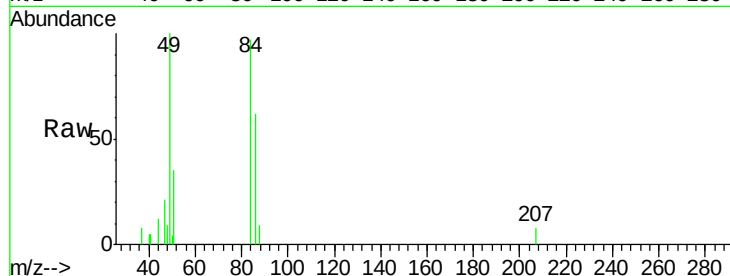




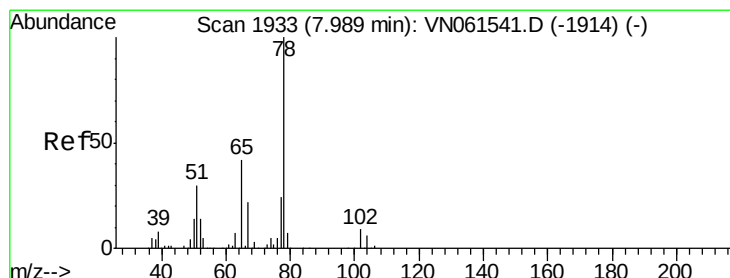
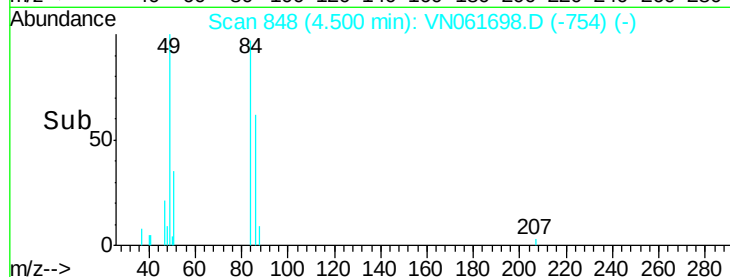
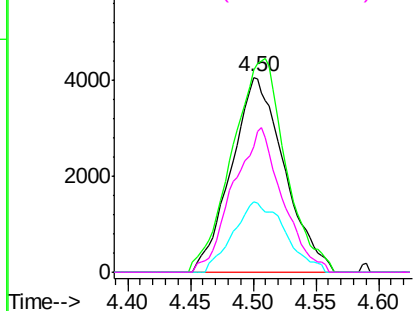
#20
Methylene Chloride
Concen: 1.990 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061698.D
Acq: 8 Jun 2020 16:08

Instrument :
MSVOA_N
ClientSampled :
CHRT-24245

Tot Ion: 84 Resp: 11899
Ion Ratio Lower Upper
84 100
49 103.4 85.8 128.8
51 36.4 26.2 39.2
86 64.2 52.6 78.8

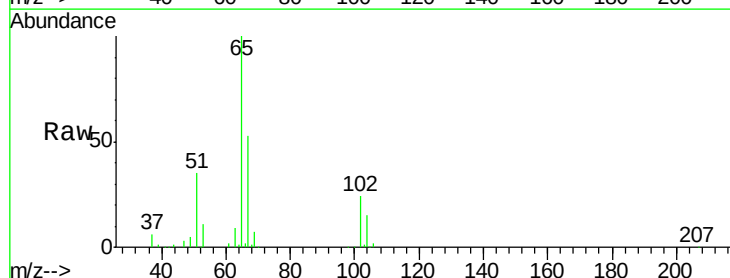


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

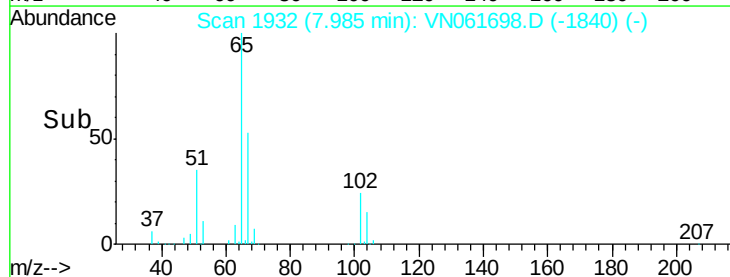
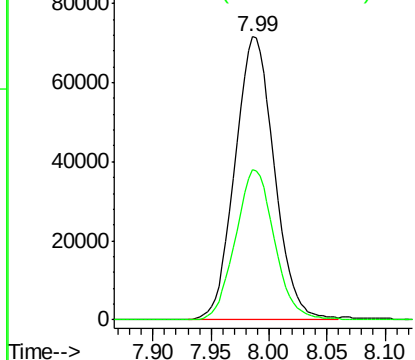


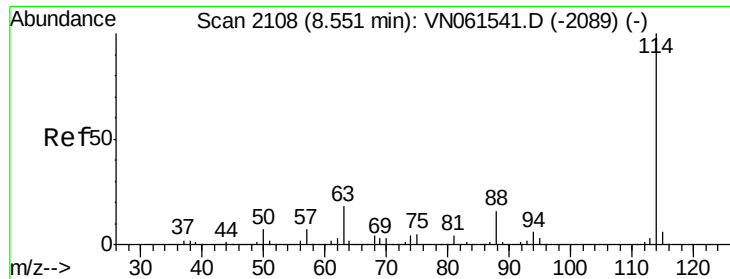
#33
1,2-Dichloroethane-d4
Concen: 47.220 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061698.D
Acq: 8 Jun 2020 16:08

Tgt Ion: 65 Resp: 168868
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8



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: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061698.D

Acq: 8 Jun 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

CHRT-24245

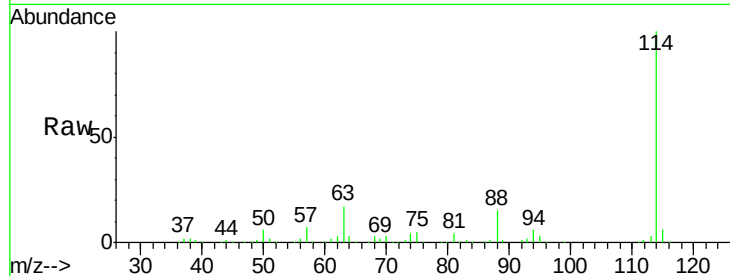
Tot Ion:114 Resp: 509496

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

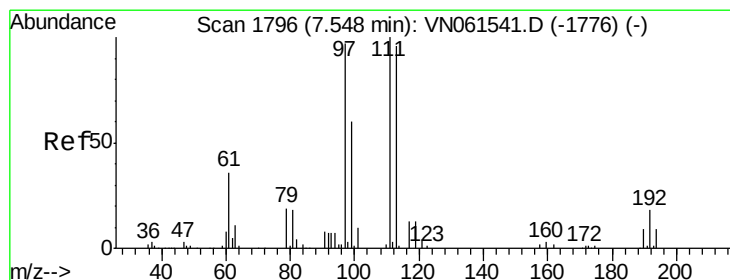
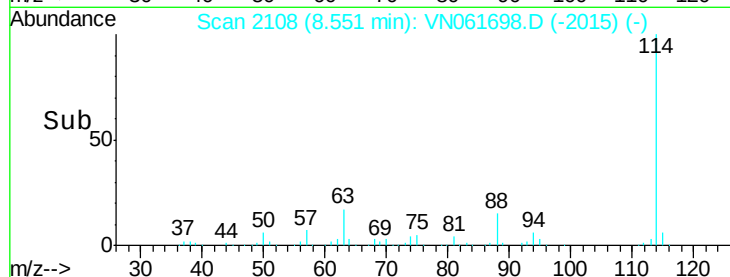
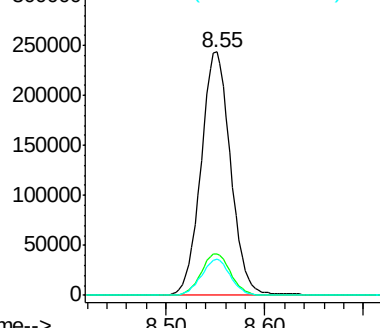
88 14.8 0.0 31.0



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: 55.303 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061698.D

Acq: 8 Jun 2020 16:08

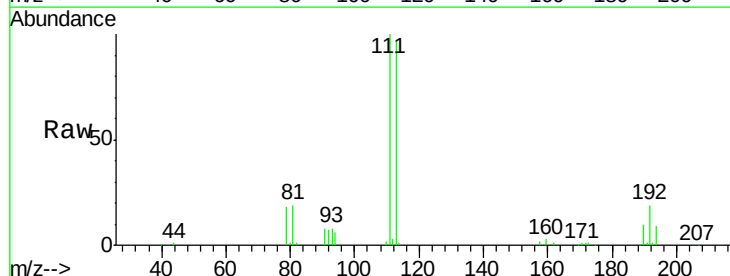
Tgt Ion:113 Resp: 142935

Ion Ratio Lower Upper

113 100

111 103.4 83.4 125.0

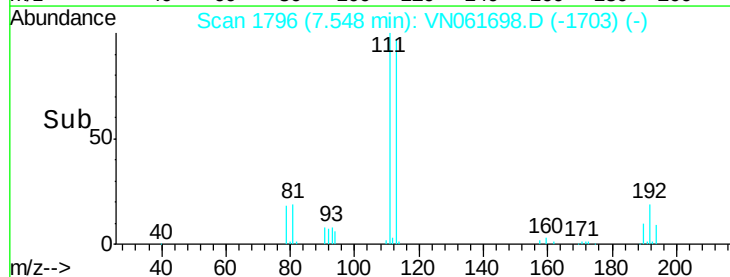
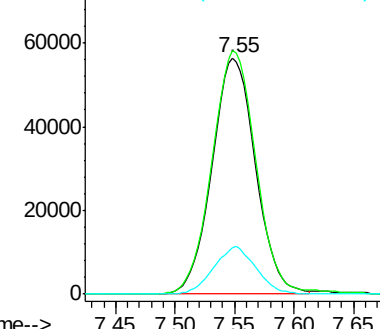
192 19.5 15.4 23.2

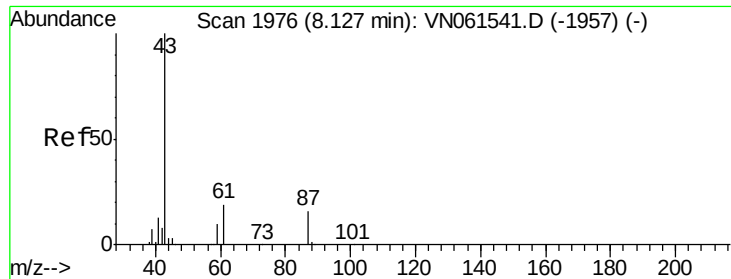


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.636 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061698.D

Acq: 8 Jun 2020 16:08

Instrument :

MSVOA_N

ClientSampled :

CHRT-24245

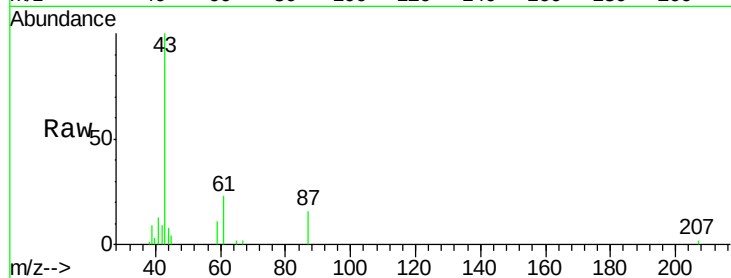
Tot Ion: 43 Resp: 23764

Ion Ratio Lower Upper

43 100

61 21.8 23.6 35.4#

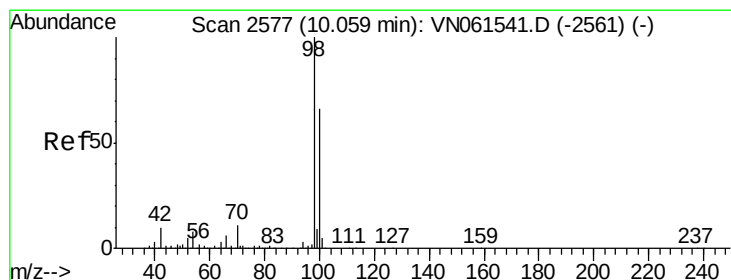
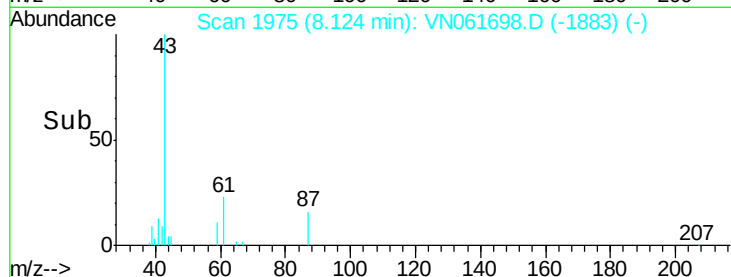
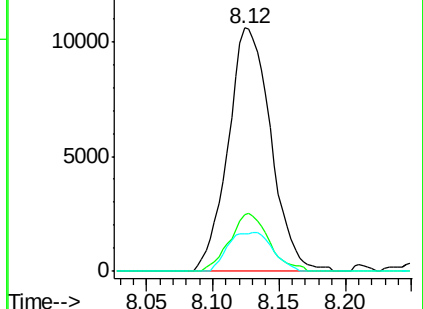
87 16.6 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061541.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061541.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061541.D (-1957) (-)



#50

Toluene-d8

Concen: 51.409 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061698.D

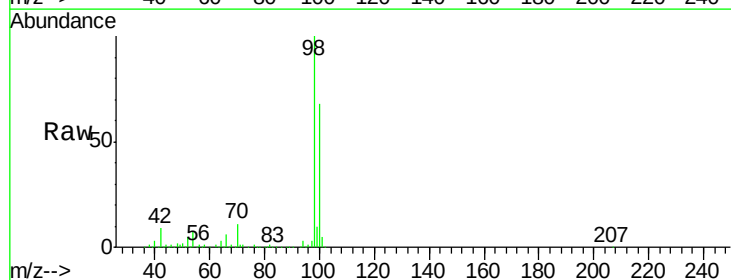
Acq: 8 Jun 2020 16:08

Tgt Ion: 98 Resp: 615741

Ion Ratio Lower Upper

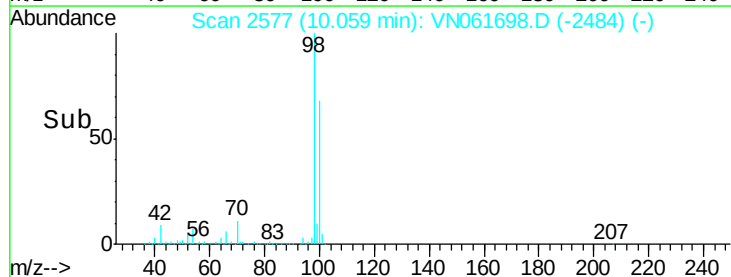
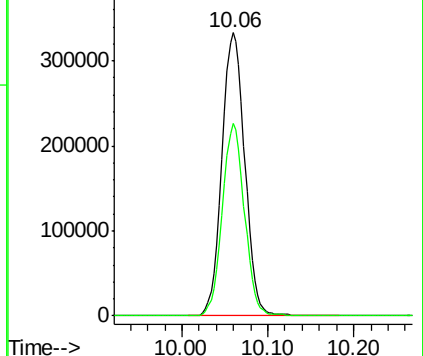
98 100

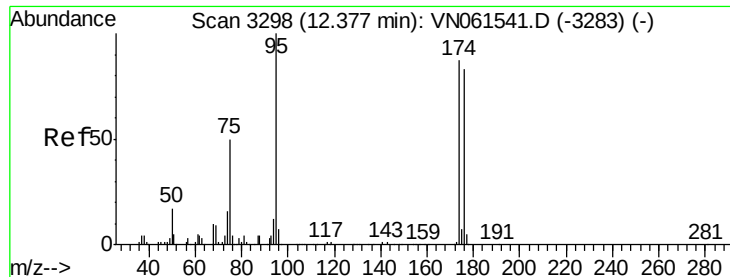
100 65.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061541.D (-2561) (-)

Ion 100.00 (99.70 to 100.70): VN061541.D (-2561) (-)

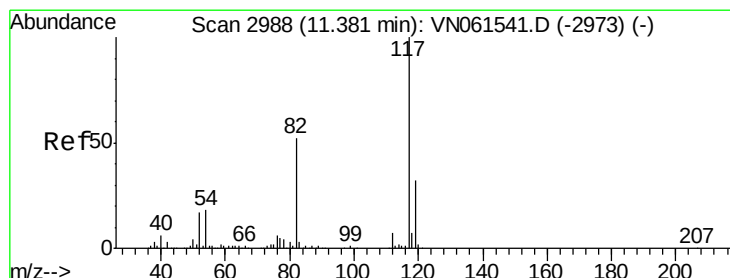
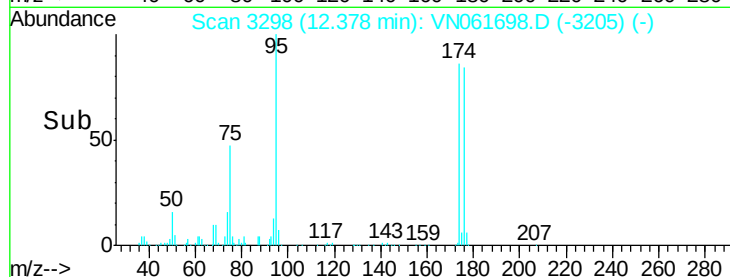
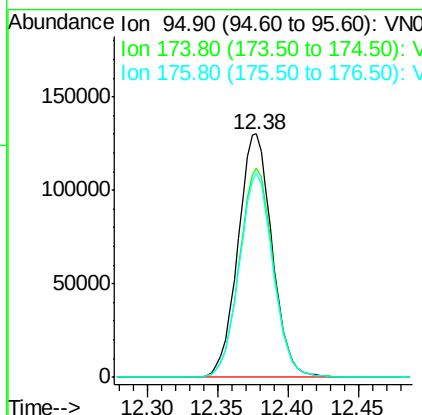
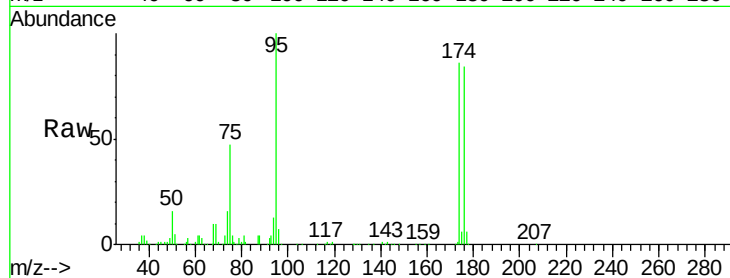




#62
4-Bromofluorobenzene
Concen: 50.452 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061698.D
Acq: 8 Jun 2020 16:08

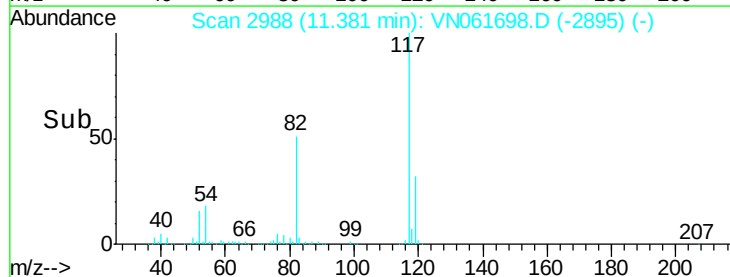
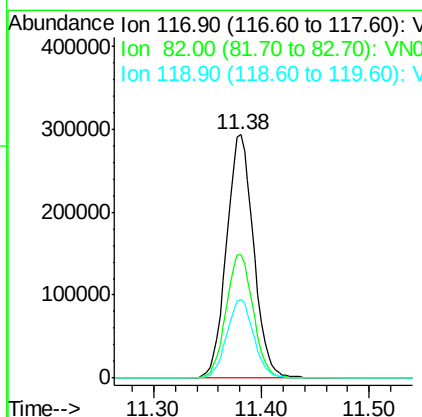
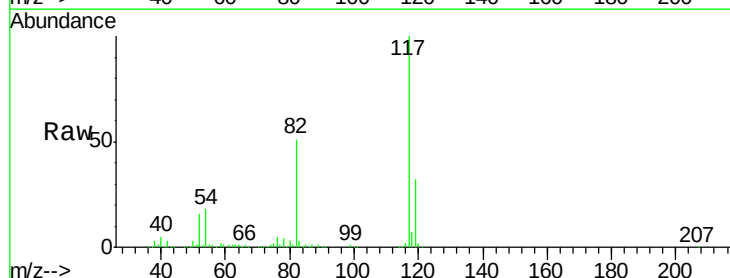
Instrument :
MSVOA_N
ClientSampleId :
CHRT-24245

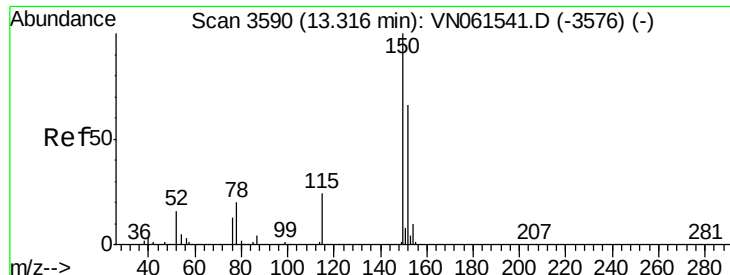
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.1	0.0	172.8
176	83.4	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061698.D
Acq: 8 Jun 2020 16:08

Tgt Ion	Ratio	Lower	Upper
117	100		
82	50.7	41.5	62.3
119	32.3	25.6	38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061698.D

Acq: 8 Jun 2020 16:08

Instrument :

MSVOA_N

ClientSampleId :

CHRT-24245

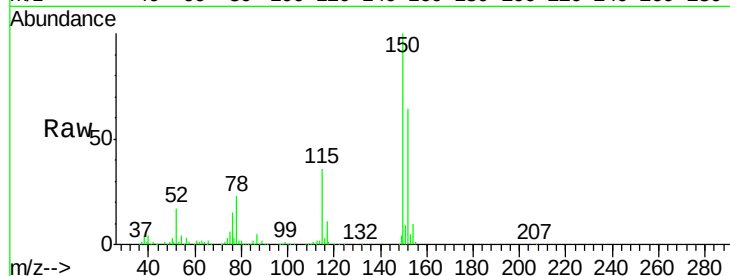
Tot Ion:152 Resp: 230604

Ion Ratio Lower Upper

152 100

115 56.9 28.0 84.0

150 157.2 0.0 344.0



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

