

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061696.D
 Acq On : 8 Jun 2020 15:21
 Operator : JC/MD
 Sample : L2890-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CHRT-26160

Quant Time: Jun 09 04:05:42 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

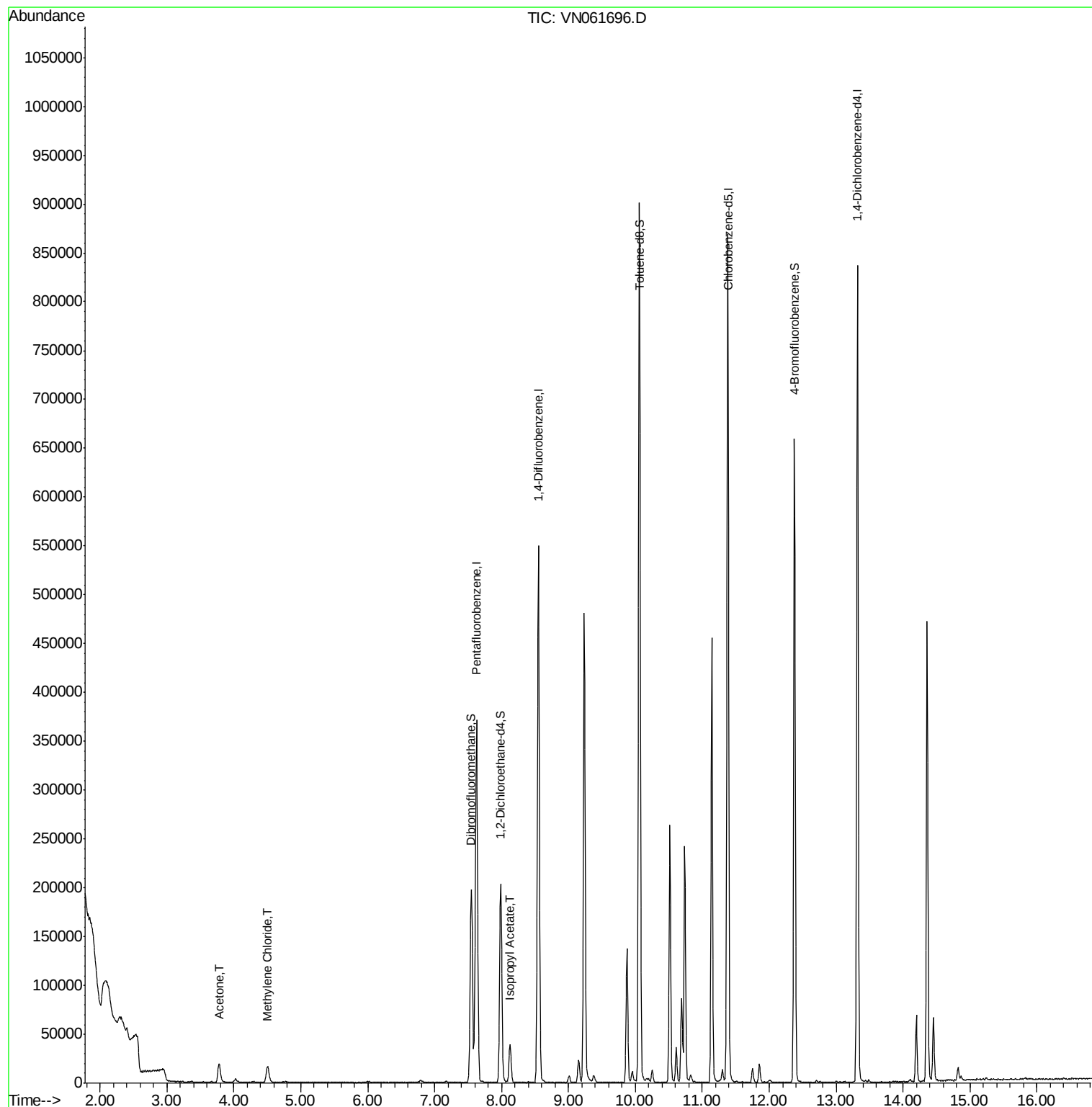
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	315055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	532117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	533480	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	238335	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176977	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
35) Dibromofluoromethane	7.55	113	153907	57.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.04%	
50) Toluene-d8	10.06	98	651592	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
62) 4-Bromofluorobenzene	12.38	95	230529	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
Target Compounds						
16) Acetone	3.78	43	32639	25.994	ug/l	97
20) Methylene Chloride	4.50	84	13815	2.393	ug/l	88
43) Isopropyl Acetate	8.13	43	44277	6.487	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061696.D

Acq: 8 Jun 2020 15:21

Instrument :

MSVOA_N

ClientSampled :

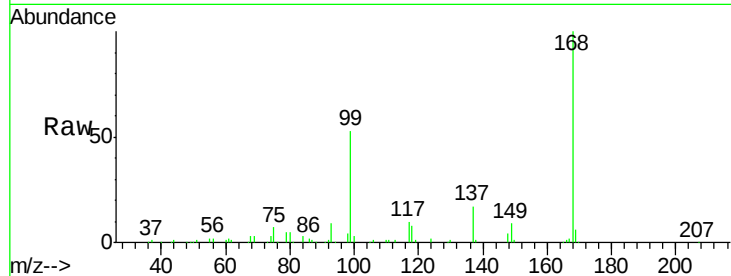
CHRT-26160

Tot Ion:168 Resp: 315055

Ion Ratio Lower Upper

168 100

99 53.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): VN061696.D (-1727) (-)

Ion 98.90 (98.60 to 99.60): VN061696.D (-1727) (-)

7.63

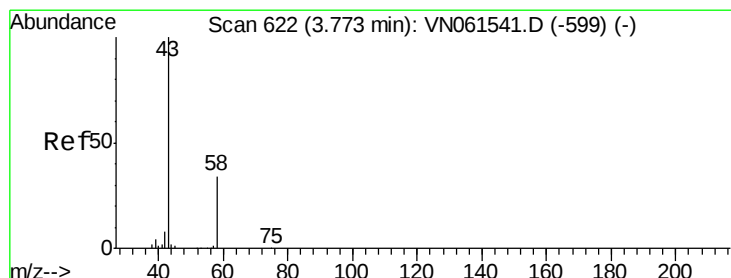
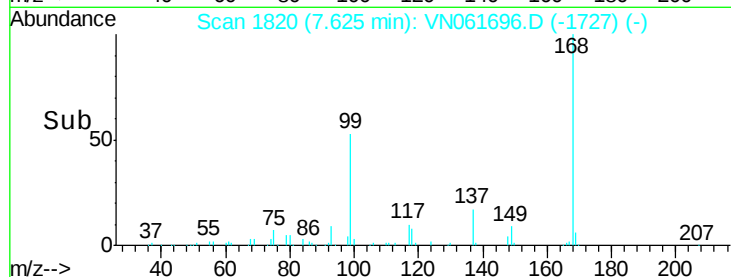
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 25.994 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061696.D

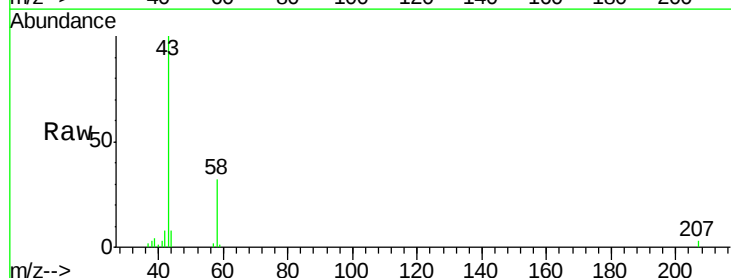
Acq: 8 Jun 2020 15:21

Tgt Ion: 43 Resp: 32639

Ion Ratio Lower Upper

43 100

58 32.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061696.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061696.D (-529) (-)

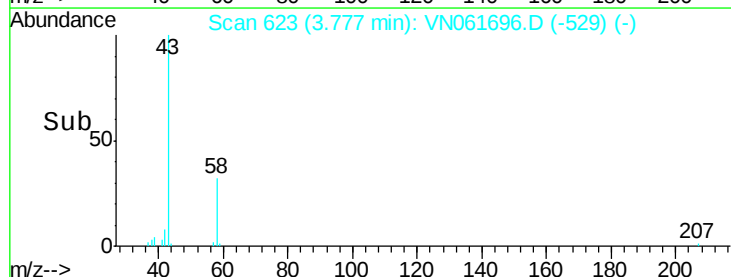
3.78

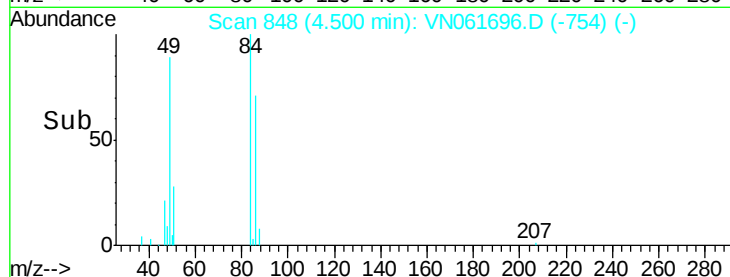
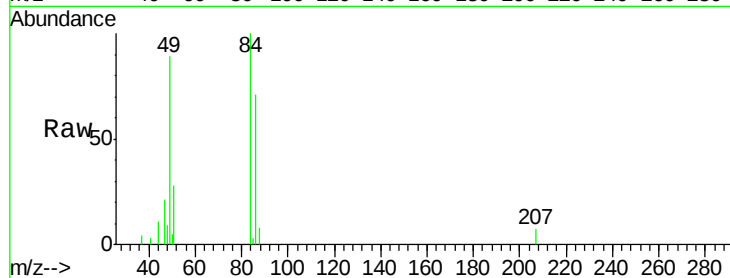
10000

5000

0

Time--> 3.70 3.80 3.90

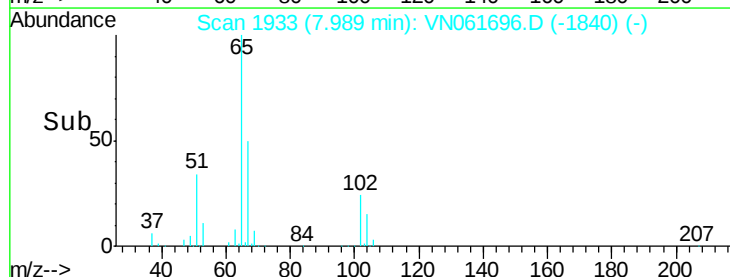
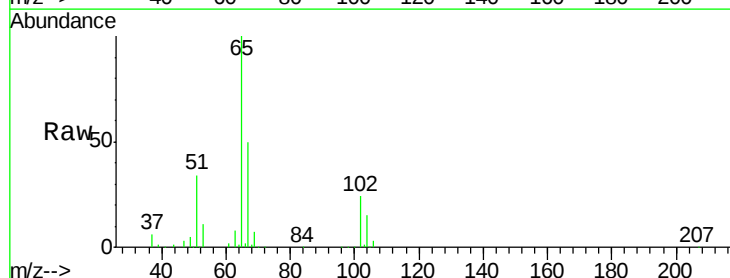
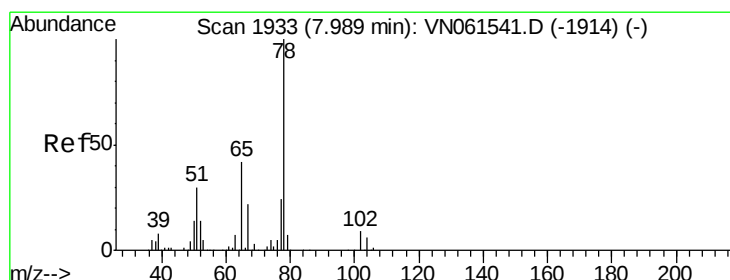
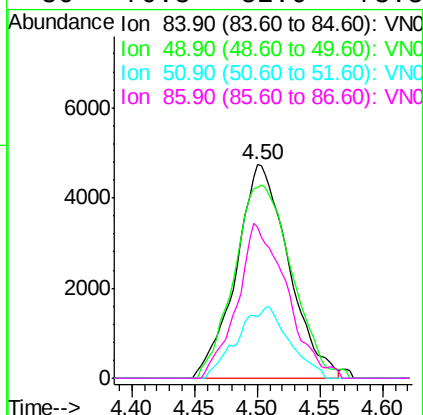




#20
Methvlene Chloride
Concen: 2.393 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN061696.D
Acq: 8 Jun 2020 15:21

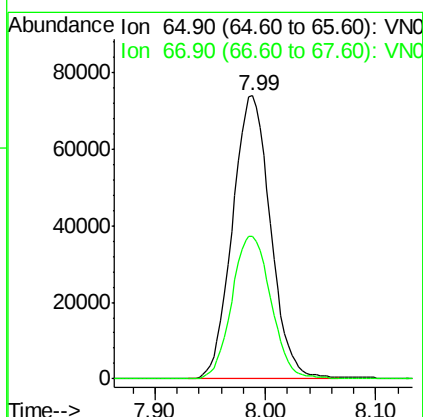
Instrument :
MSVOA_N
ClientSampleId :
CHRT-26160

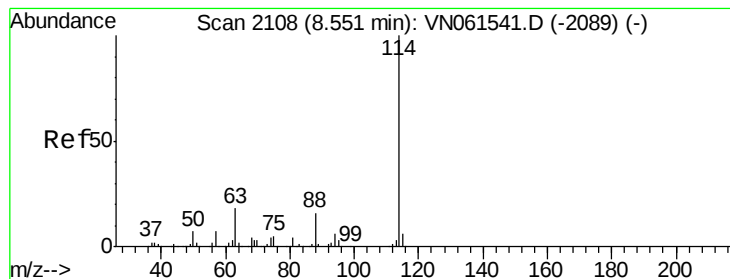
Tot Ion:	84	Resp:	13815
Ion	Ratio	Lower	Upper
84	100		
49	89.4	85.8	128.8
51	28.5	26.2	39.2
86	70.8	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 47.148 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061696.D
Acq: 8 Jun 2020 15:21

Tgt Ion:	65	Resp:	176977
Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061696.D

Acq: 8 Jun 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

CHRT-26160

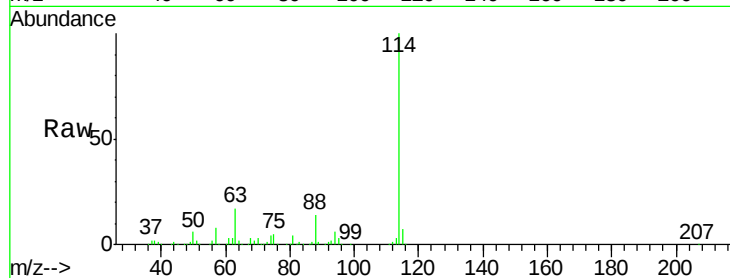
Tot Ion:114 Resp: 532117

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

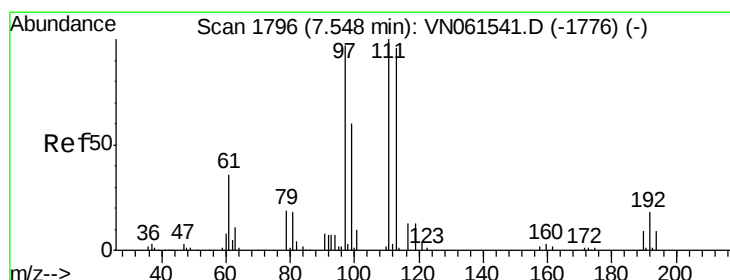
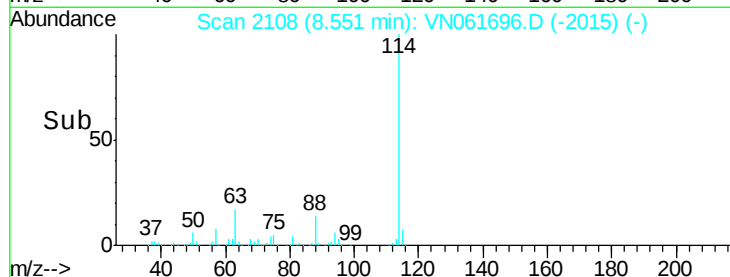
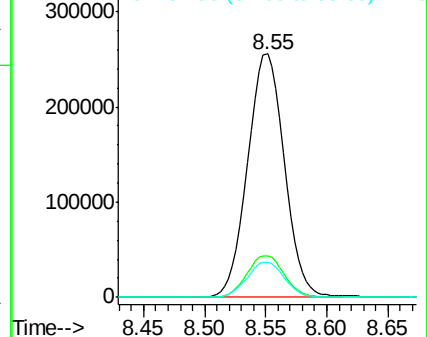
88 14.2 0.0 31.0



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: 57.017 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN061696.D

Acq: 8 Jun 2020 15:21

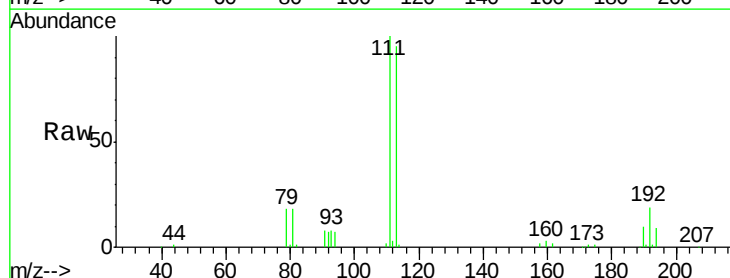
Tgt Ion:113 Resp: 153907

Ion Ratio Lower Upper

113 100

111 104.3 83.4 125.0

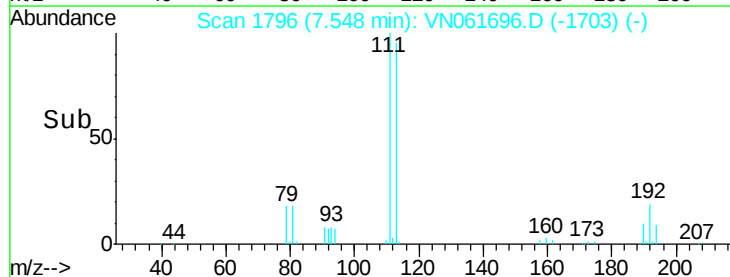
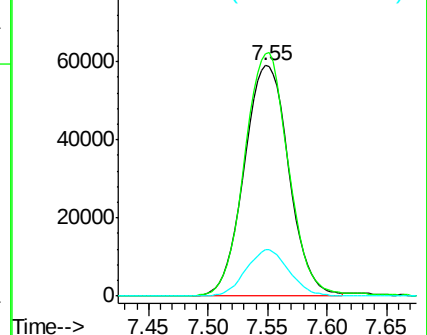
192 19.3 15.4 23.2

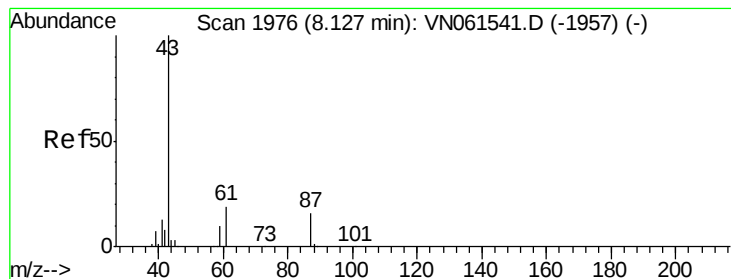


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 6.487 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061696.D

Acq: 8 Jun 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

CHRT-26160

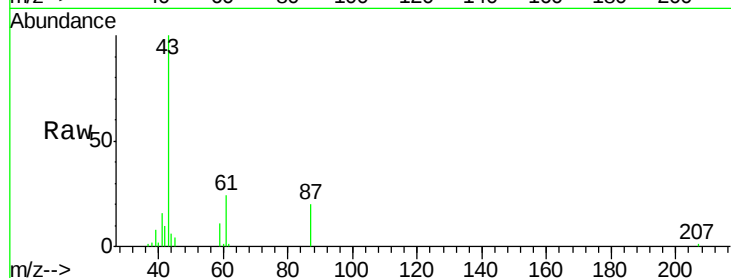
Tot Ion: 43 Resp: 44277

Ion Ratio Lower Upper

43 100

61 22.2 23.6 35.4#

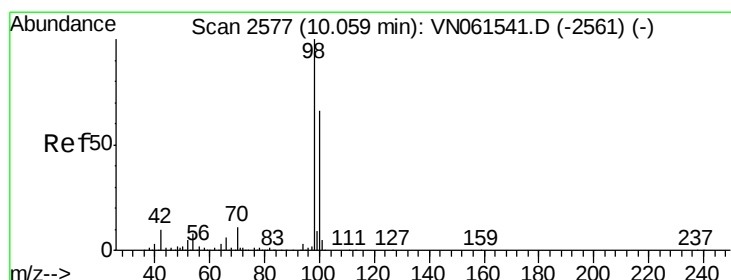
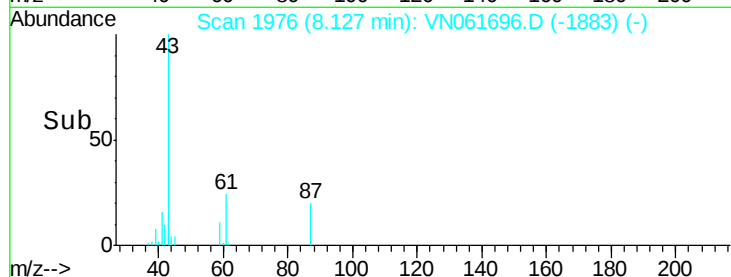
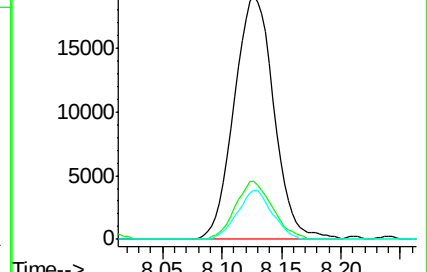
87 17.6 13.0 19.6



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: 52.090 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061696.D

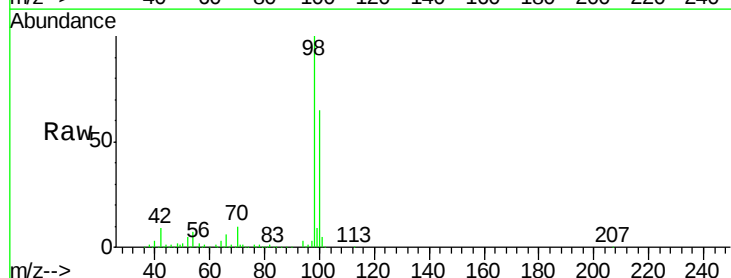
Acq: 8 Jun 2020 15:21

Tgt Ion: 98 Resp: 651592

Ion Ratio Lower Upper

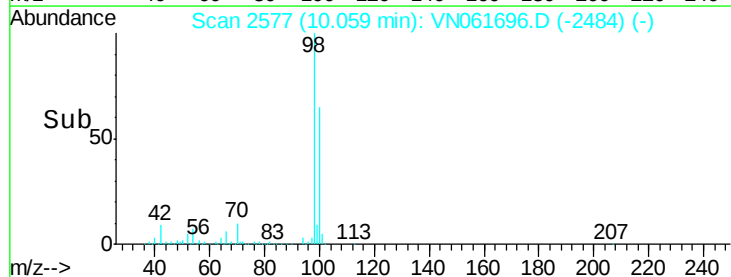
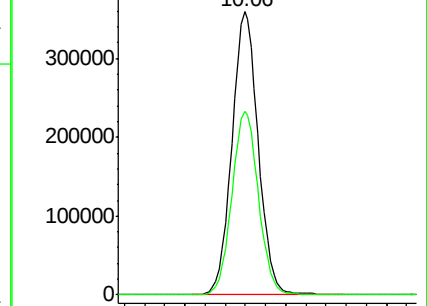
98 100

100 65.6 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: 50.513 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061696.D

Acq: 8 Jun 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

CHRT-26160

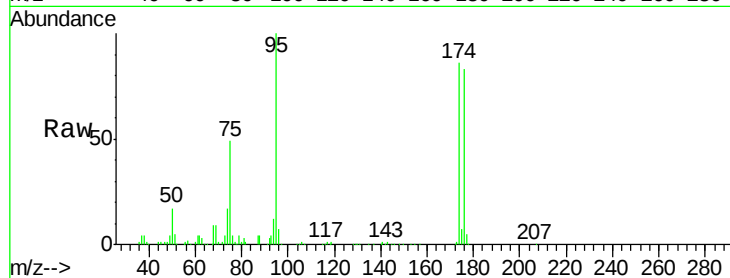
Tot Ion: 95 Resp: 230529

Ion Ratio Lower Upper

95 100

174 86.2 0.0 172.8

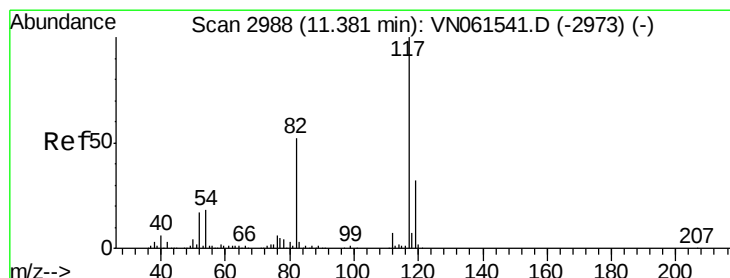
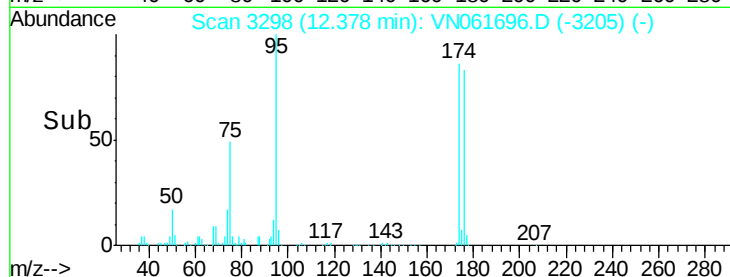
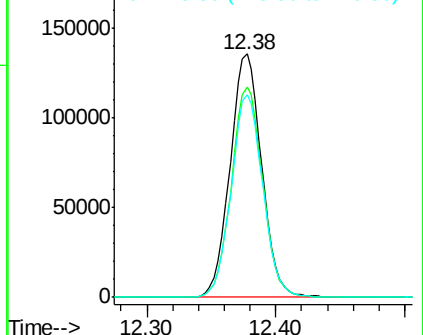
176 83.2 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061696.D

Acq: 8 Jun 2020 15:21

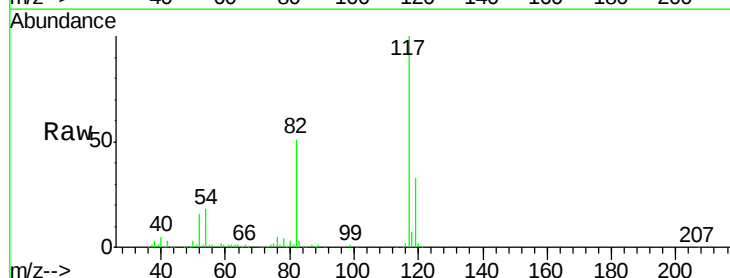
Tgt Ion: 117 Resp: 533480

Ion Ratio Lower Upper

117 100

82 51.3 41.5 62.3

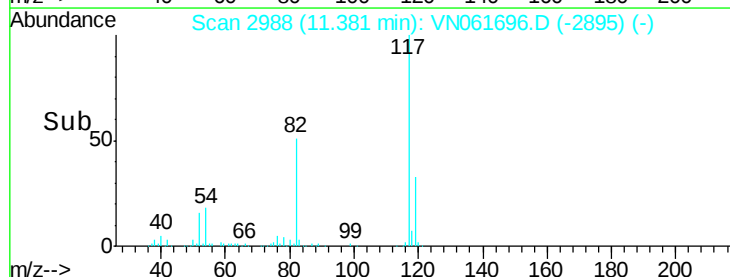
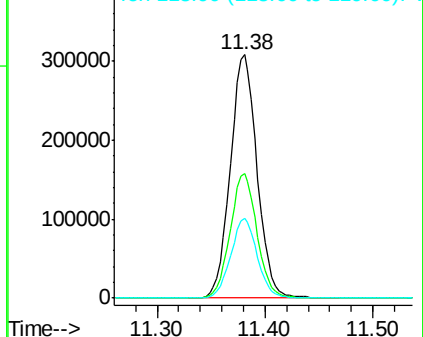
119 32.8 25.6 38.4

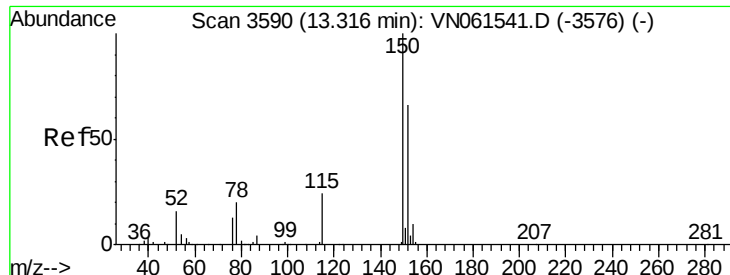


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061696.D

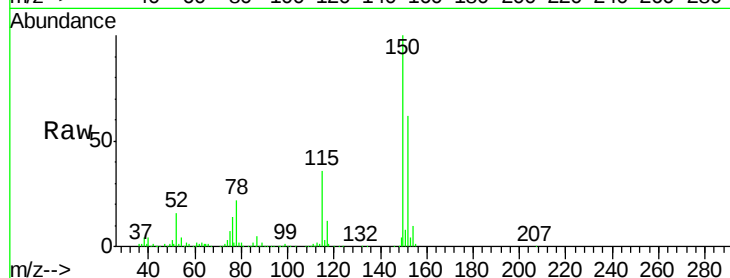
Acq: 8 Jun 2020 15:21

Instrument :

MSVOA_N

ClientSampleId :

CHRT-26160



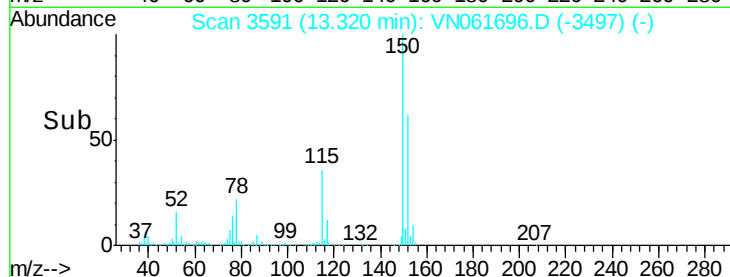
Tot Ion:152 Resp: 238335

Ion Ratio Lower Upper

152 100

115 56.8 28.0 84.0

150 157.8 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

