

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060820\
 Data File : VN061697.D
 Acq On : 8 Jun 2020 15:44
 Operator : JC/MD
 Sample : L2890-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11979-72-11969

Quant Time: Jun 09 04:07:28 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

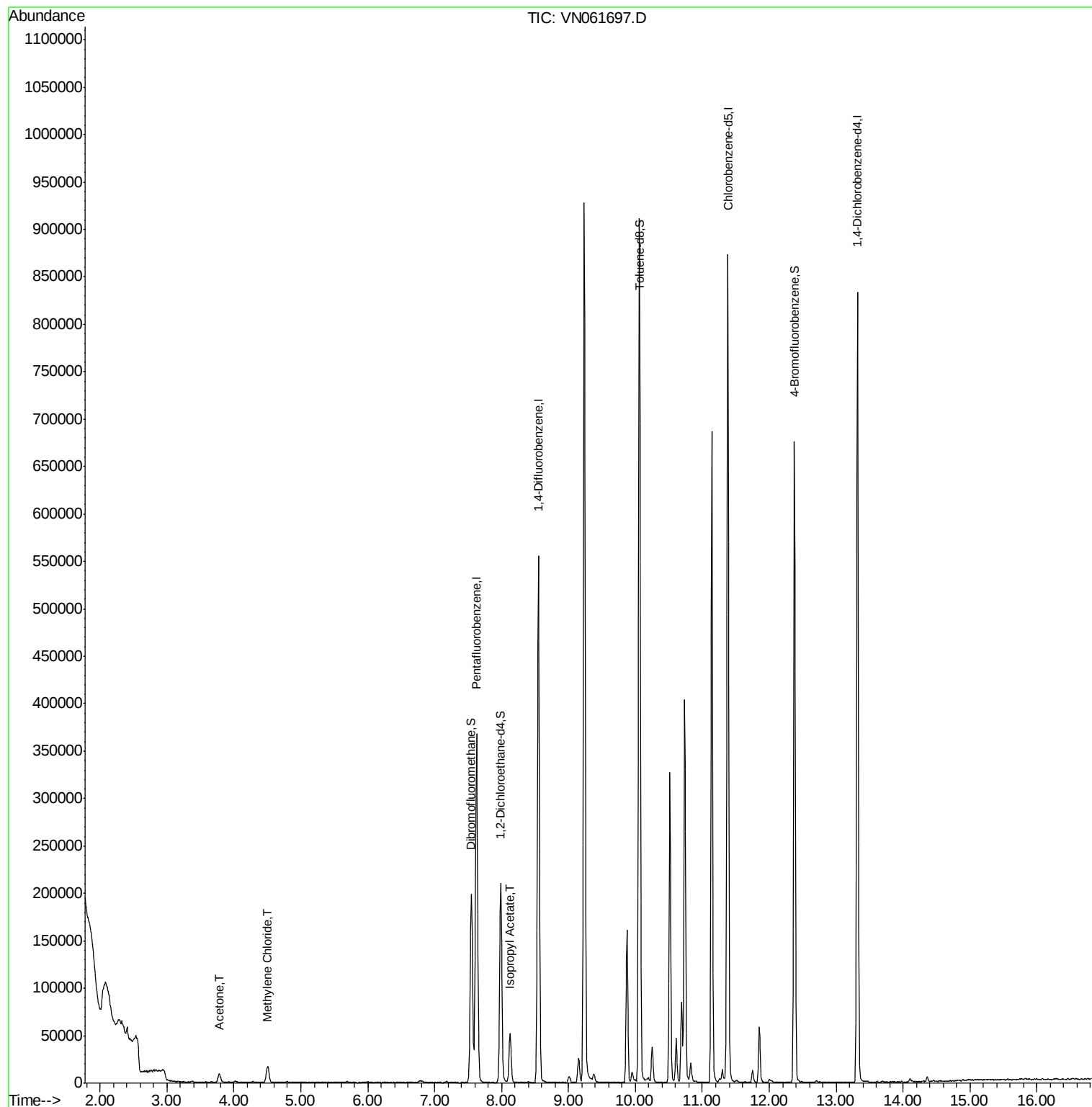
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	312187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	531041	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	538520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	241298	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	176140	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
35) Dibromofluoromethane	7.55	113	152479	56.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.20%	
50) Toluene-d8	10.06	98	652717	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
62) 4-Bromofluorobenzene	12.38	95	235244	51.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.30%	
Target Compounds						
16) Acetone	3.78	43	15550	9.197	ug/l	96
20) Methylene Chloride	4.50	84	13875	2.450	ug/l	98
43) Isopropyl Acetate	8.13	43	58388	8.571	ug/l #	90

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

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QLast Update : Fri May 29 02:14:10 2020
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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: VN061697.D

Acq: 8 Jun 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

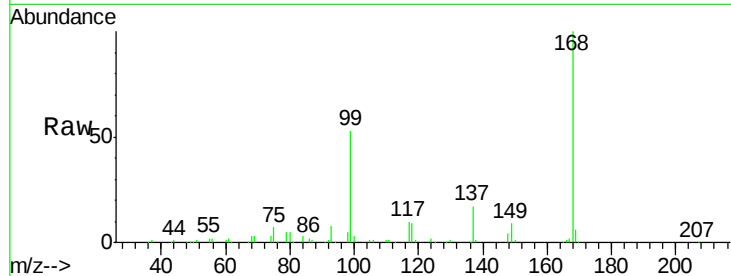
72-11979-72-11969

Tot Ion:168 Resp: 312187

Ion Ratio Lower Upper

168 100

99 52.4 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

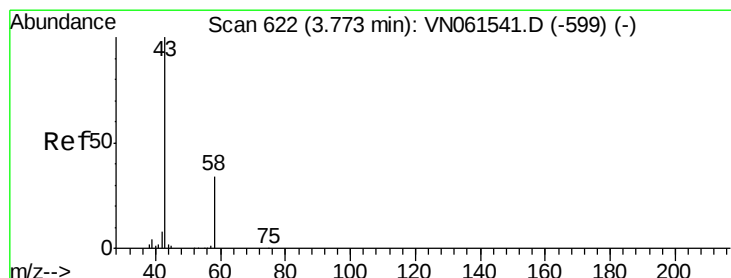
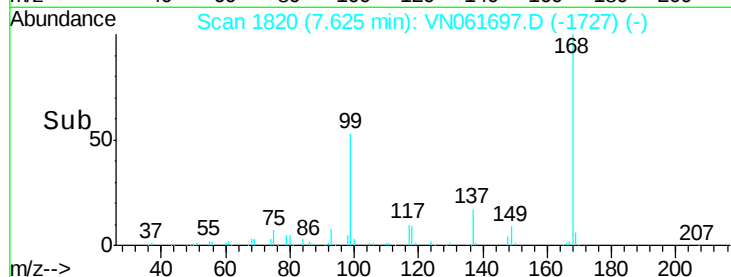
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.197 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061697.D

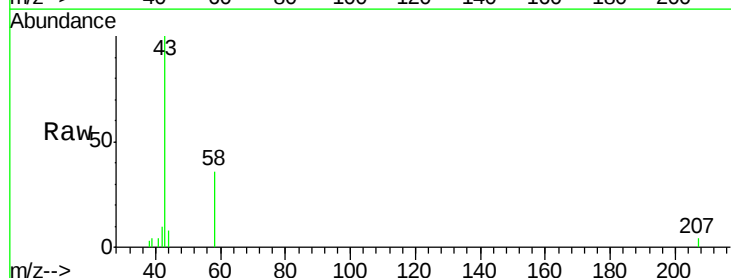
Acq: 8 Jun 2020 15:44

Tgt Ion: 43 Resp: 15550

Ion Ratio Lower Upper

43 100

58 36.3 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

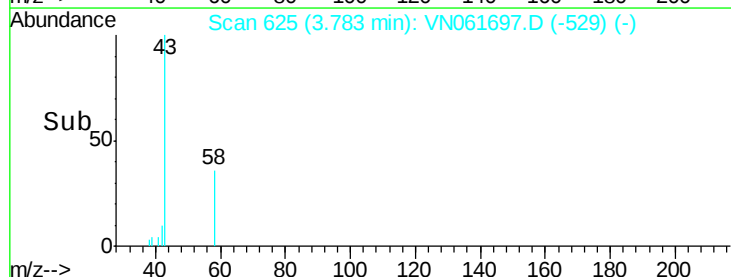
6000

4000

2000

0

Time--> 3.70 3.75 3.80 3.85

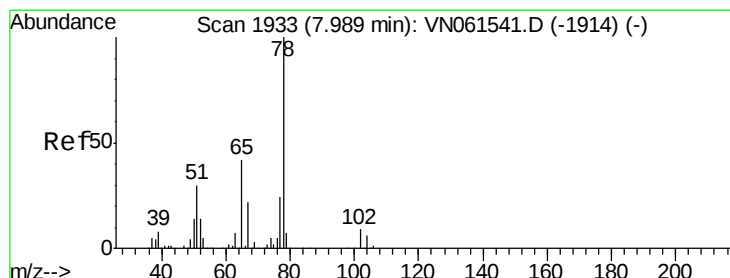
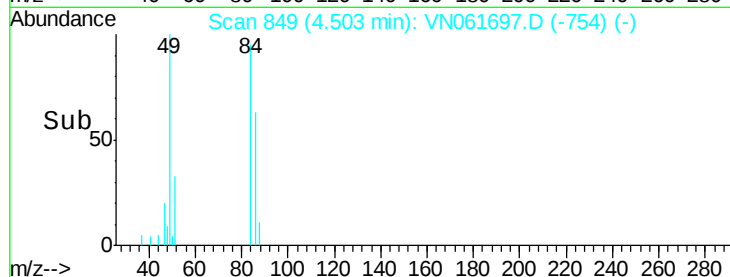
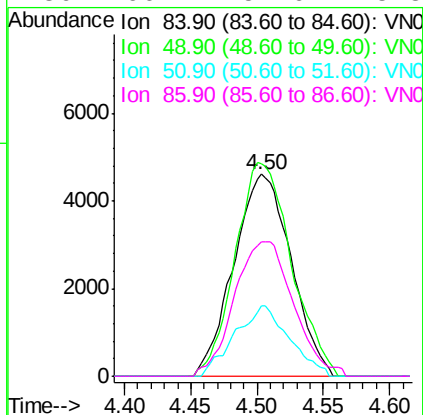
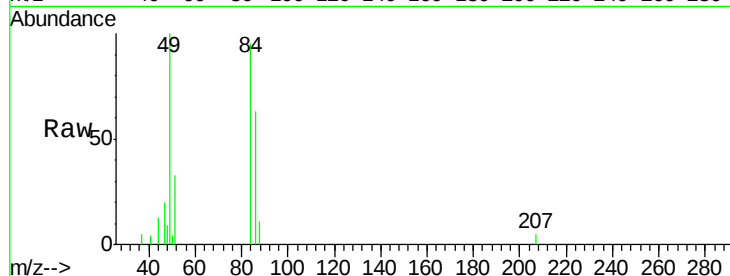




#20
Methylene Chloride
Concen: 2.450 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061697.D
Acq: 8 Jun 2020 15:44

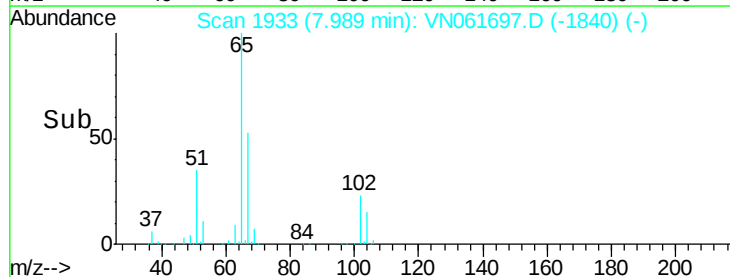
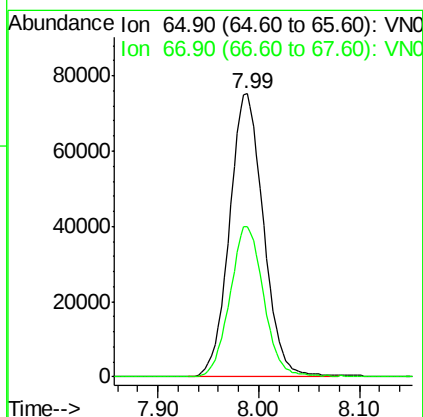
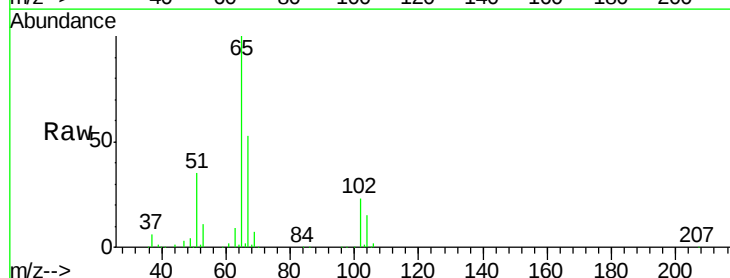
Instrument :
MSVOA_N
ClientSampleId :
72-11979-72-11969

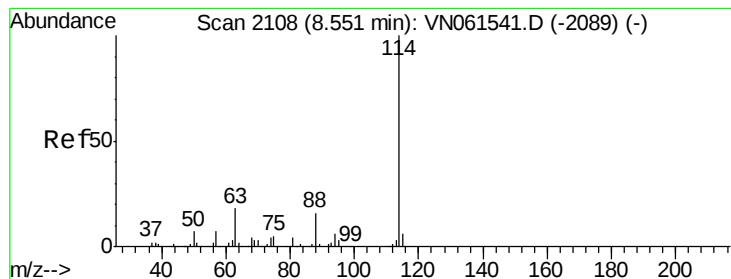
Tot Ion: 84 Resp: 13875
Ion Ratio Lower Upper
84 100
49 105.4 85.8 128.8
51 34.7 26.2 39.2
86 66.4 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 47.356 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. -0.00 min
Lab File: VN061697.D
Acq: 8 Jun 2020 15:44

Tgt Ion: 65 Resp: 176140
Ion Ratio Lower Upper
65 100
67 52.8 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: VN061697.D

Acq: 8 Jun 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

72-11979-72-11969

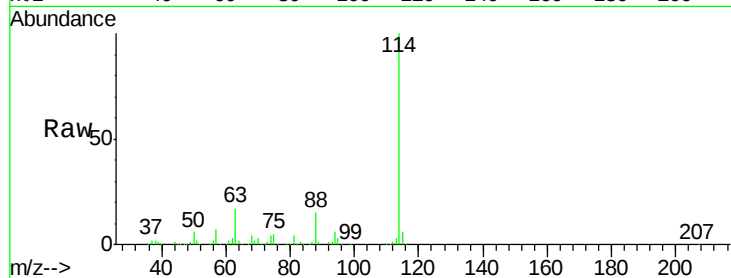
Tot Ion:114 Resp: 531041

Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.8

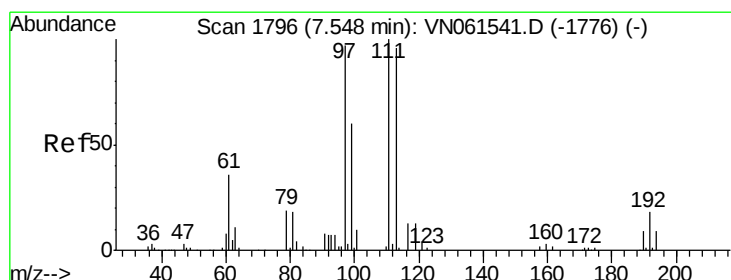
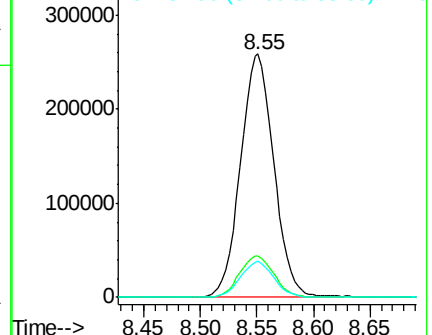
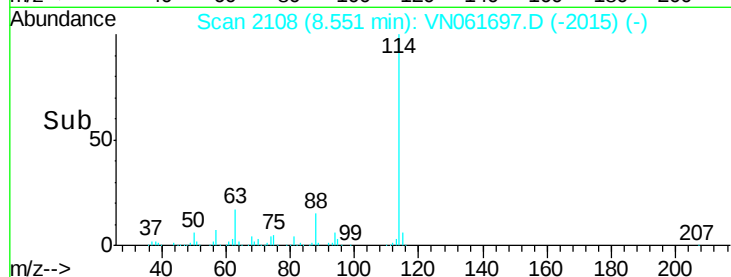
88 14.9 0.0 31.0



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: 56.602 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061697.D

Acq: 8 Jun 2020 15:44

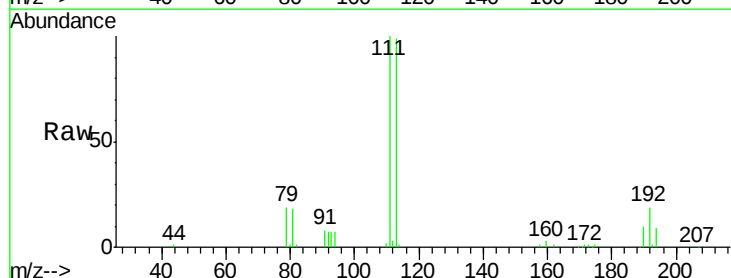
Tgt Ion:113 Resp: 152479

Ion Ratio Lower Upper

113 100

111 102.8 83.4 125.0

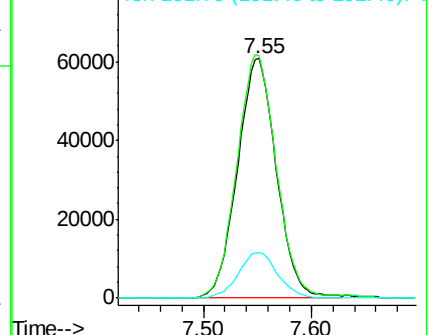
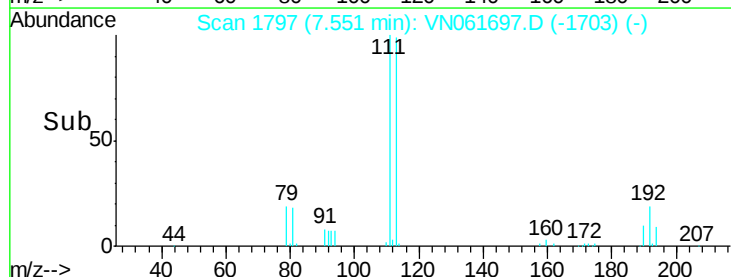
192 19.3 15.4 23.2

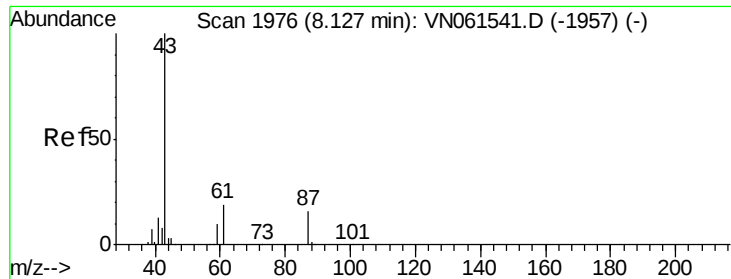


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.571 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061697.D

Acq: 8 Jun 2020 15:44

Instrument :

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72-11979-72-11969

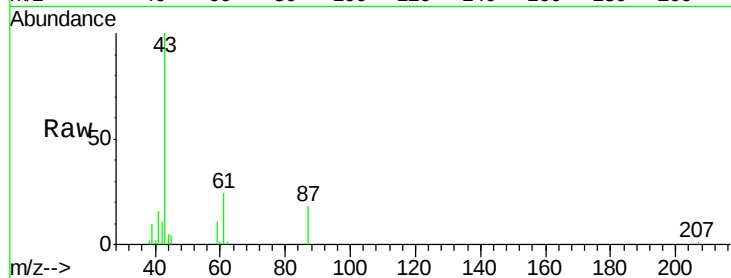
Tot Ion: 43 Resp: 58388

Ion Ratio Lower Upper

43 100

61 22.1 23.6 35.4#

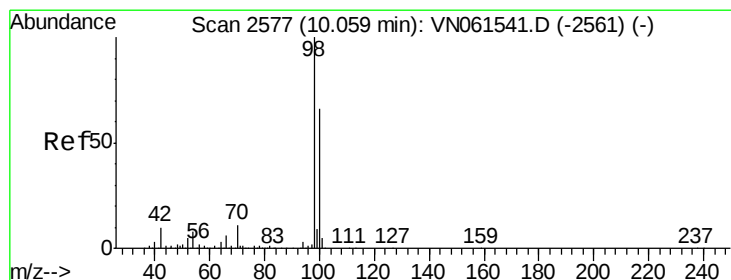
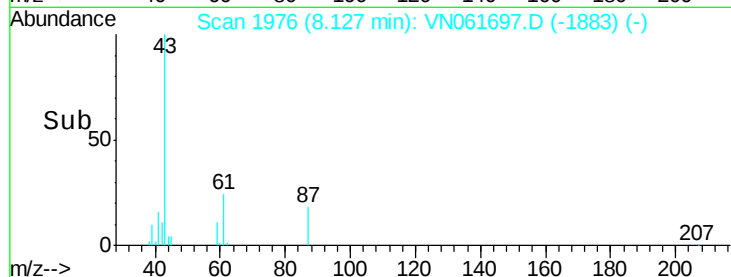
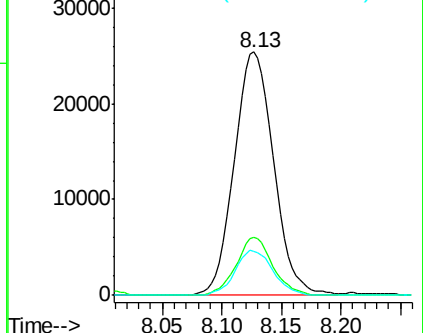
87 17.6 13.0 19.6



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: 52.285 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061697.D

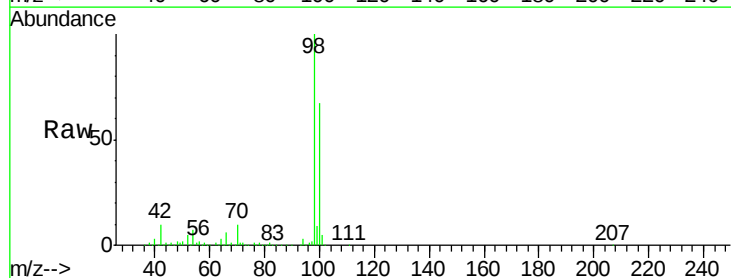
Acq: 8 Jun 2020 15:44

Tgt Ion: 98 Resp: 652717

Ion Ratio Lower Upper

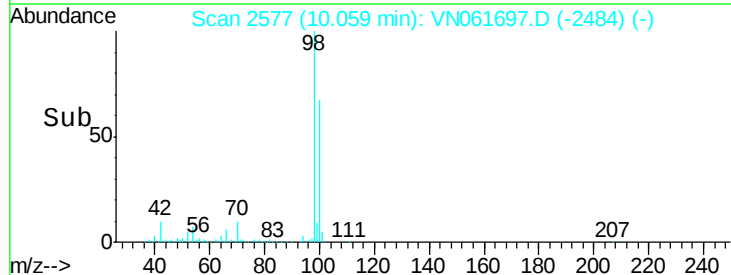
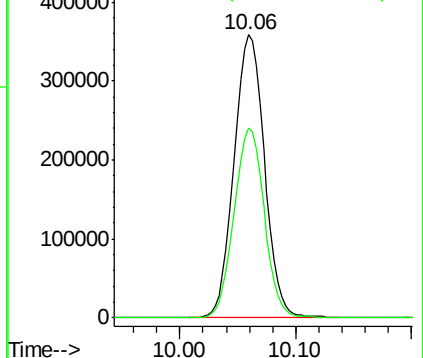
98 100

100 66.6 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) (-)

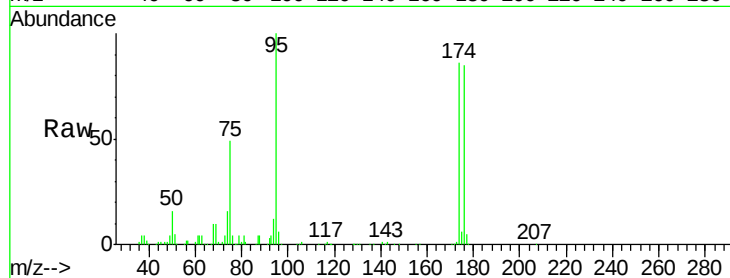




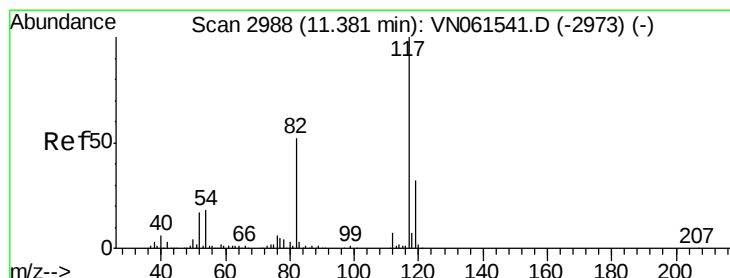
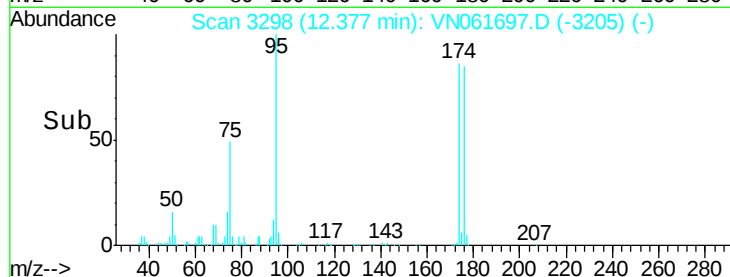
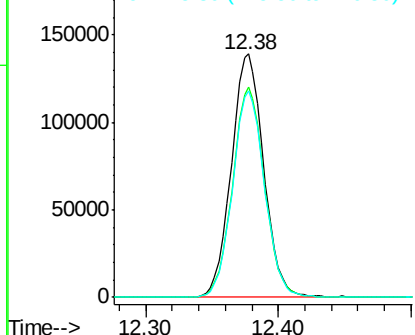
#62
4-Bromofluorobenzene
Concen: 51.651 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. 0.00 min
Lab File: VN061697.D
Acq: 8 Jun 2020 15:44

Instrument :
MSVOA_N
ClientSampleId :
72-11979-72-11969

Tot Ion: 95 Resp: 235244
Ion Ratio Lower Upper
95 100
174 85.5 0.0 172.8
176 84.0 0.0 164.8

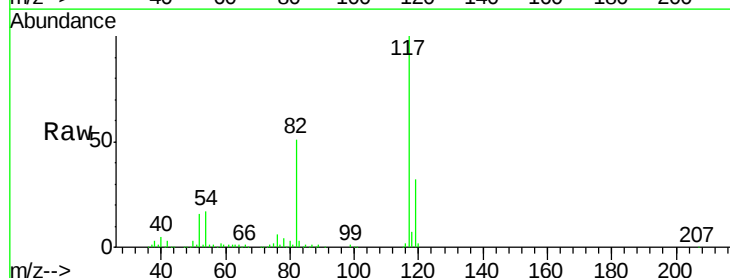


Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)
Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)
Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)

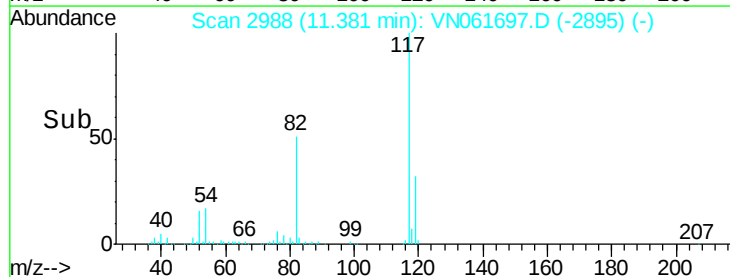
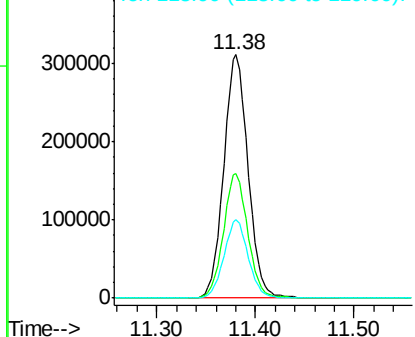


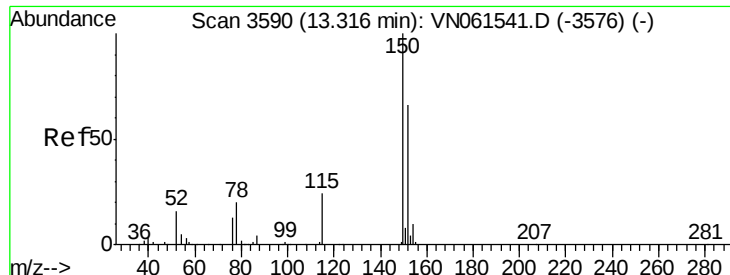
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061697.D
Acq: 8 Jun 2020 15:44

Tgt Ion: 117 Resp: 538520
Ion Ratio Lower Upper
117 100
82 51.0 41.5 62.3
119 32.2 25.6 38.4



Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)
Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)
Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061697.D

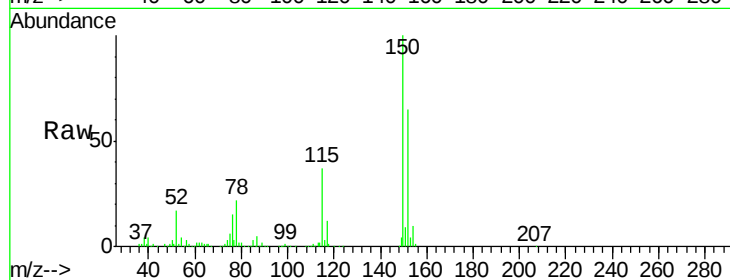
Acq: 8 Jun 2020 15:44

Instrument :

MSVOA_N

ClientSampleId :

72-11979-72-11969



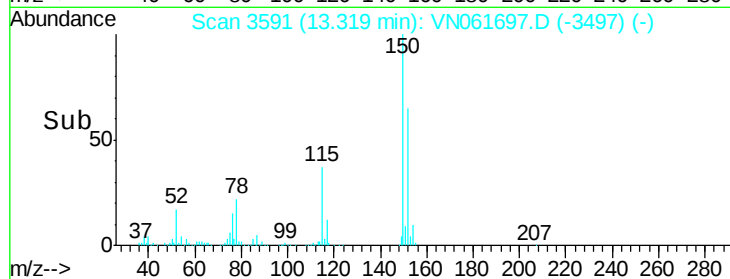
Tot Ion:152 Resp: 241298

Ion Ratio Lower Upper

152 100

115 56.5 28.0 84.0

150 156.7 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

