

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060511.D
 Acq On : 13 Mar 2020 18:28
 Operator : JC/MD
 Sample : L1907-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-9-SA

Quant Time: Mar 16 09:20:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

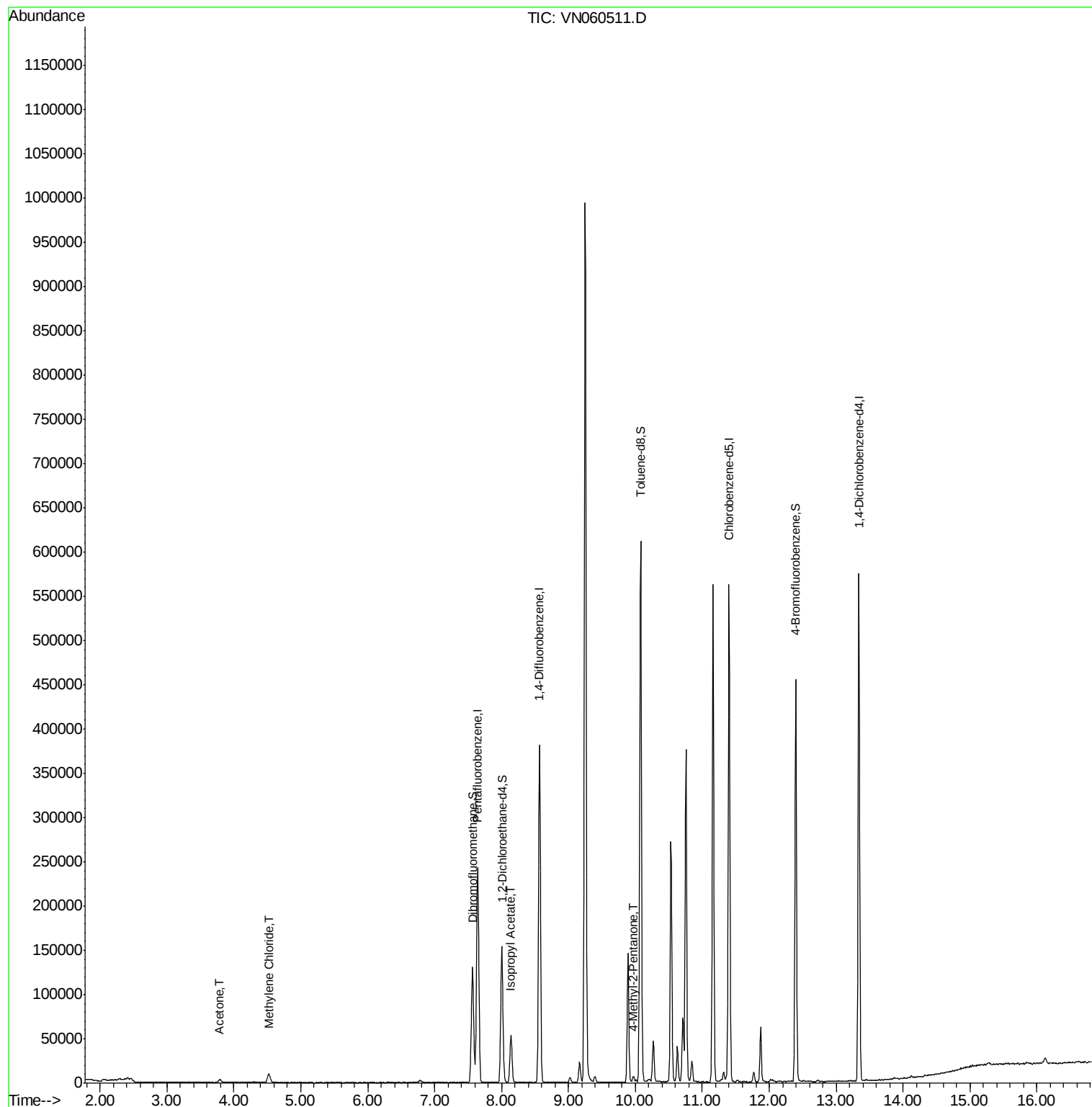
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	201041	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	333177	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	316626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131470	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
35) Dibromofluoromethane	7.57	113	99370	64.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.50%	
50) Toluene-d8	10.08	98	409501	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
62) 4-Bromofluorobenzene	12.40	95	156609	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
Target Compounds						
16) Acetone	3.79	43	7636	9.167	ug/l	96
20) Methylene Chloride	4.53	84	7587	3.317	ug/l	97
43) Isopropyl Acetate	8.14	43	64118	12.181	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	4995	1.674	ug/l	94

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

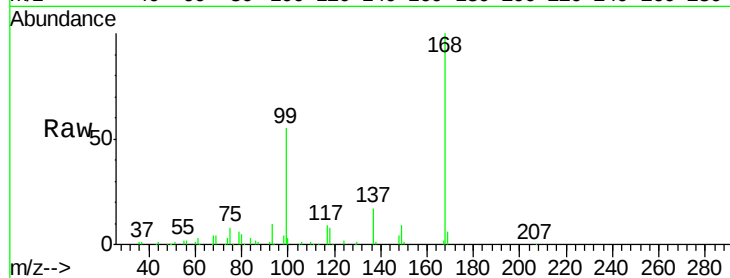
TP-9-SA

Tot Ion:168 Resp: 201041

Ion Ratio Lower Upper

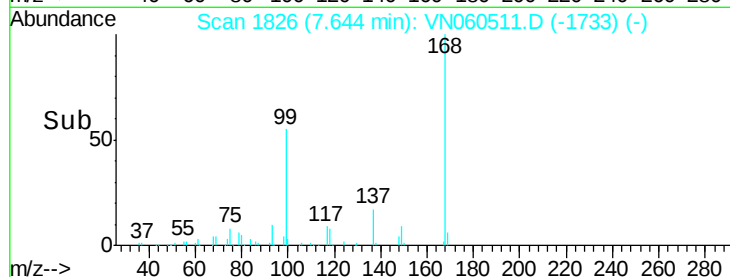
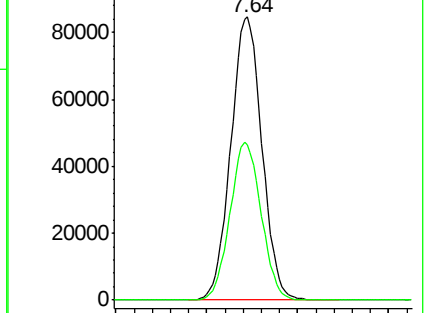
168 100

99 55.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.167 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060511.D

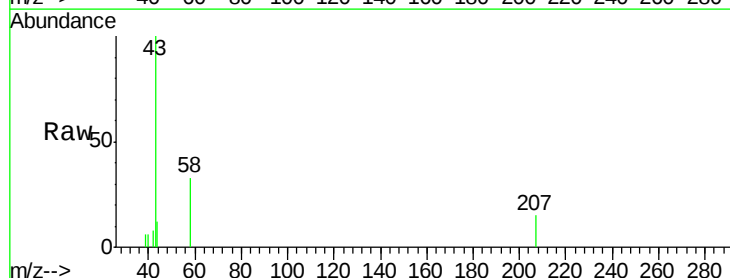
Acq: 13 Mar 2020 18:28

Tgt Ion: 43 Resp: 7636

Ion Ratio Lower Upper

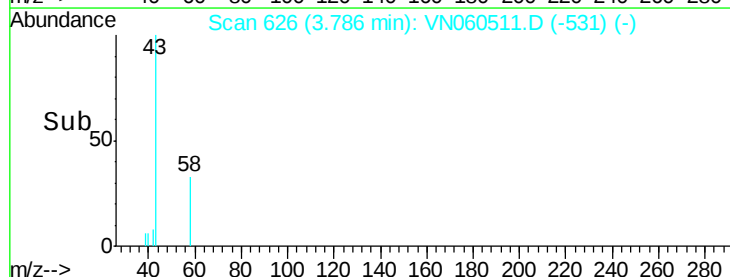
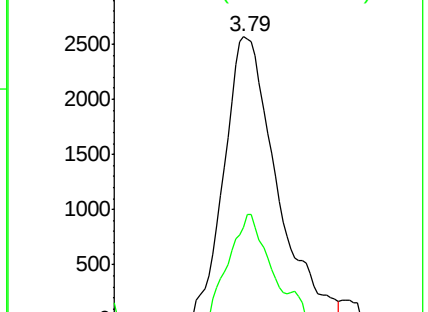
43 100

58 32.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

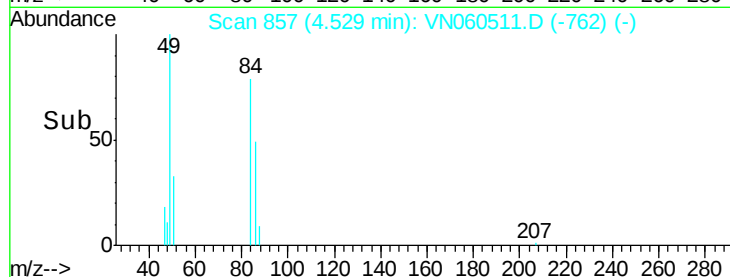
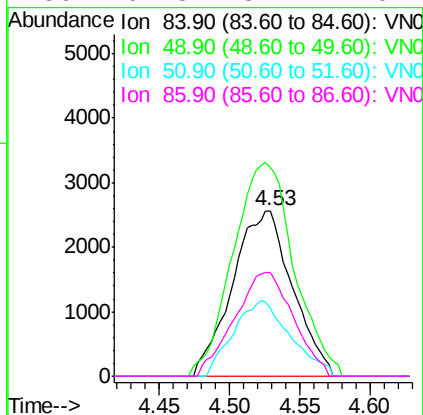
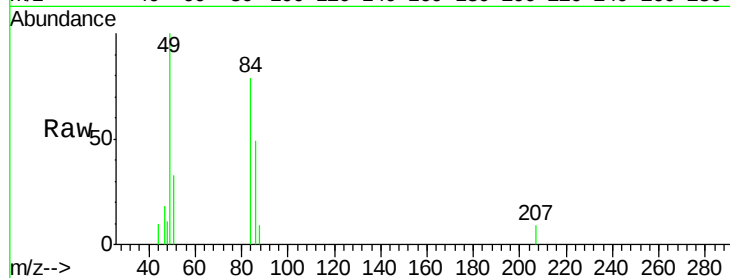




#20
Methvlene Chloride
Concen: 3.317 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060511.D
Acq: 13 Mar 2020 18:28

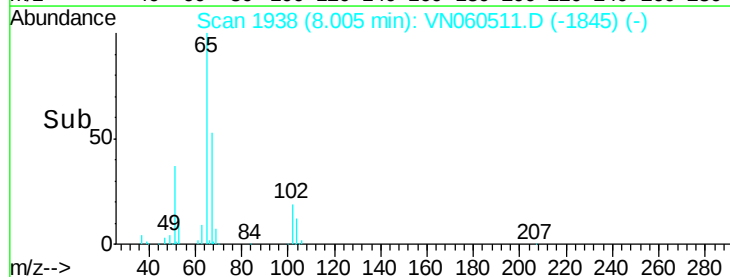
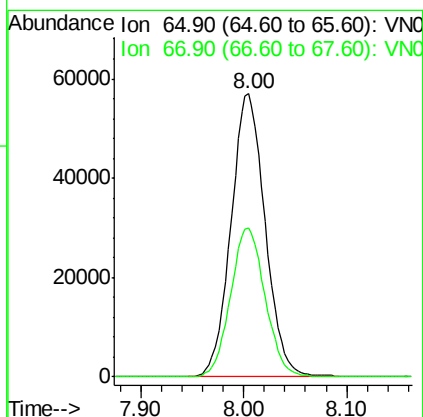
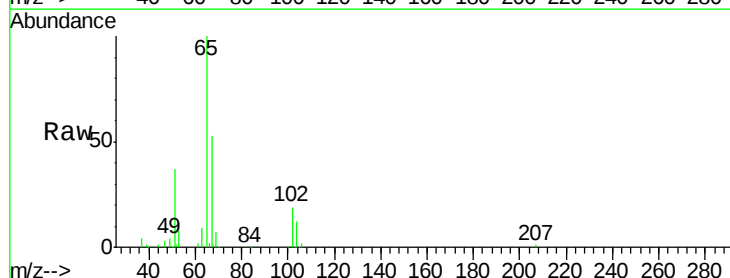
Instrument :
MSVOA_N
ClientSampleId :
TP-9-SA

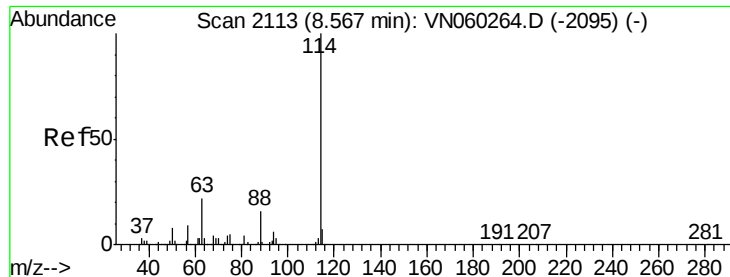
Tot Ion:	84	Resp:	7587
Ion	Ratio	Lower	Upper
84	100		
49	126.3	99.3	148.9
51	41.2	30.1	45.1
86	62.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.970 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060511.D
Acq: 13 Mar 2020 18:28

Tgt Ion:	65	Resp:	131470
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

TP-9-SA

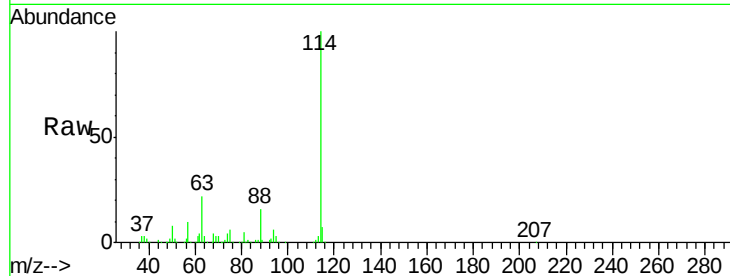
Tot Ion:114 Resp: 333177

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

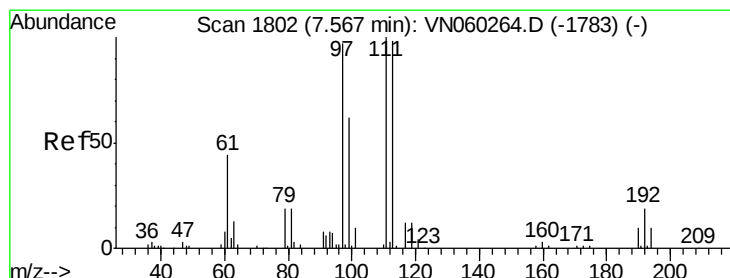
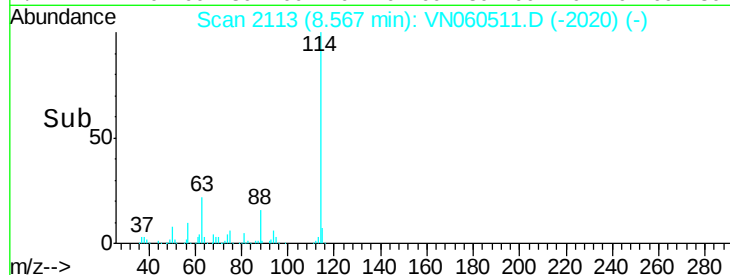
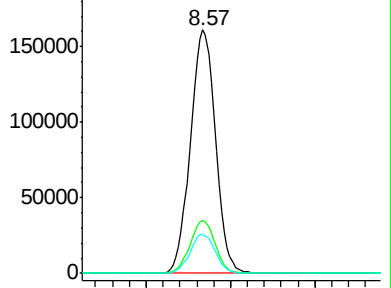
88 16.0 0.0 31.6



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: 64.255 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

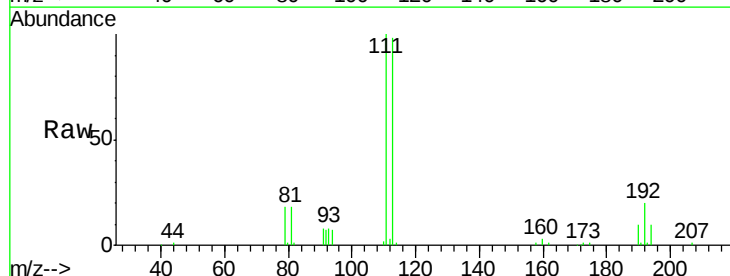
Tgt Ion:113 Resp: 99370

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

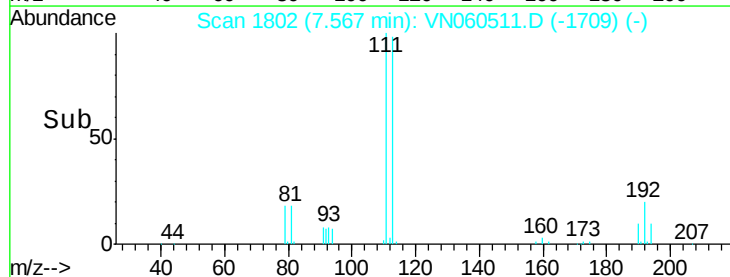
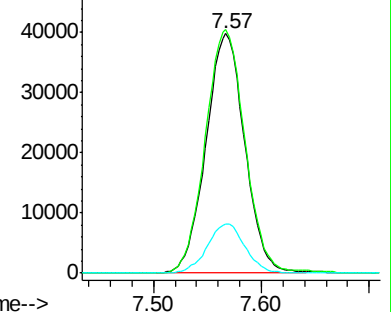
192 19.9 16.2 24.2

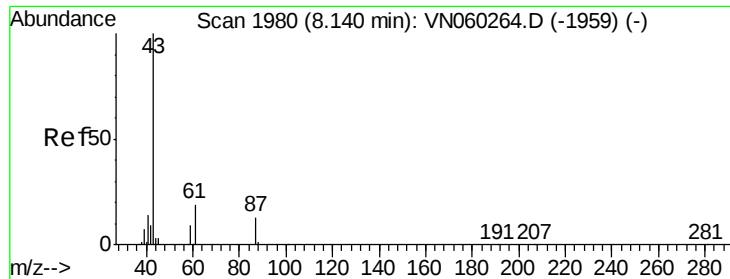


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 12.181 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

TP-9-SA

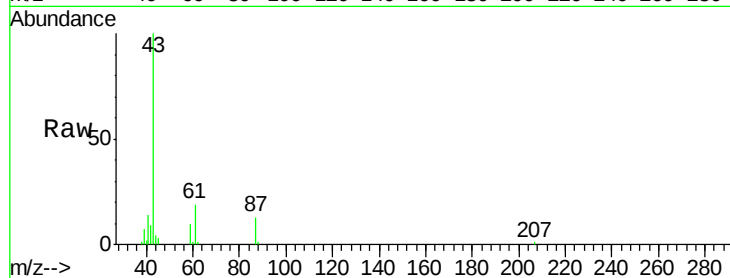
Tot Ion: 43 Resp: 64118

Ion Ratio Lower Upper

43 100

61 18.8 20.9 31.3#

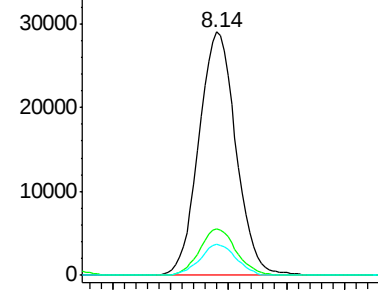
87 12.3 10.6 16.0



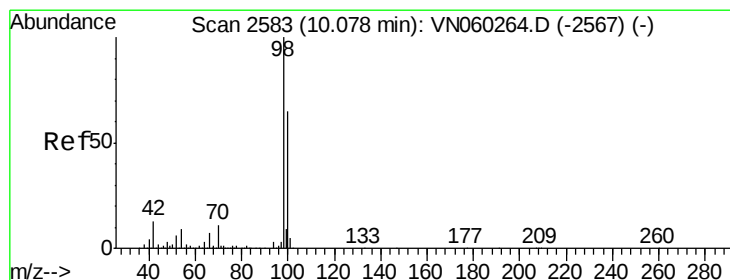
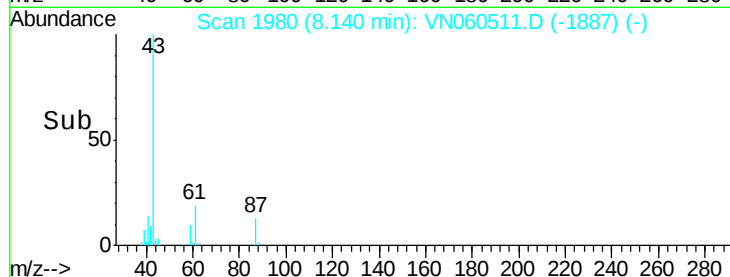
Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



Time-->



#50

Toluene-d8

Concen: 52.319 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060511.D

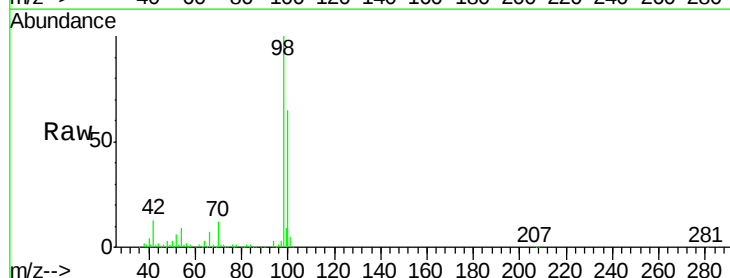
Acq: 13 Mar 2020 18:28

Tgt Ion: 98 Resp: 409501

Ion Ratio Lower Upper

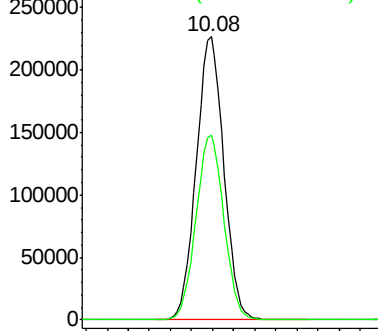
98 100

100 65.8 52.2 78.2

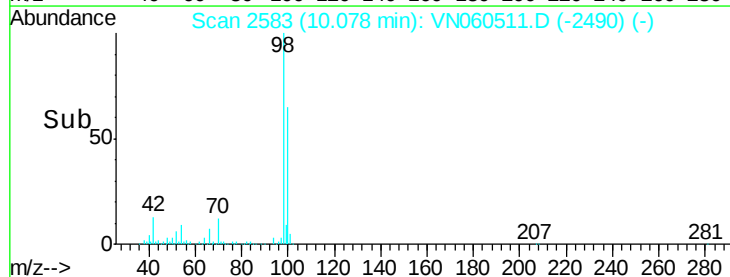


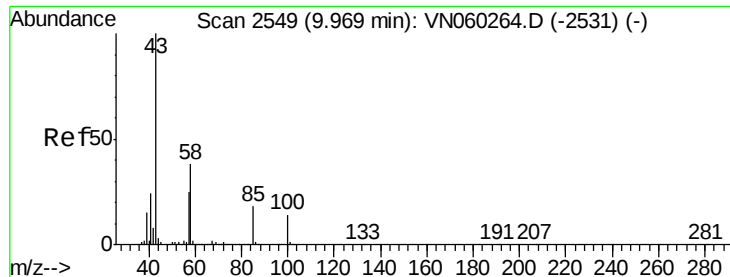
Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)



Time-->





#51

4-Methyl-2-Pentanone

Concen: 1.674 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

Instrument :

MSVOA_N

ClientSampled :

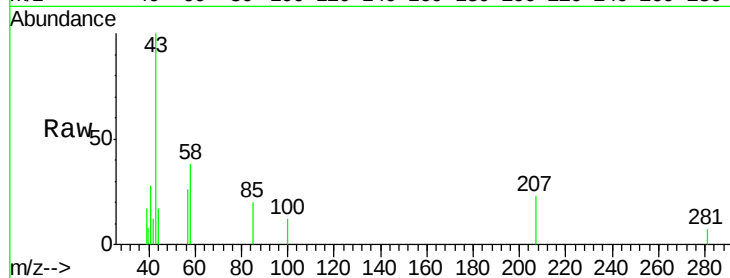
TP-9-SA

Tot Ion: 43 Resp: 4995

Ion Ratio Lower Upper

43 100

58 35.1 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

10000

8000

6000

4000

2000

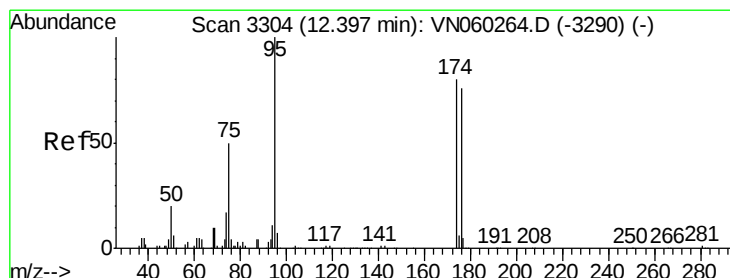
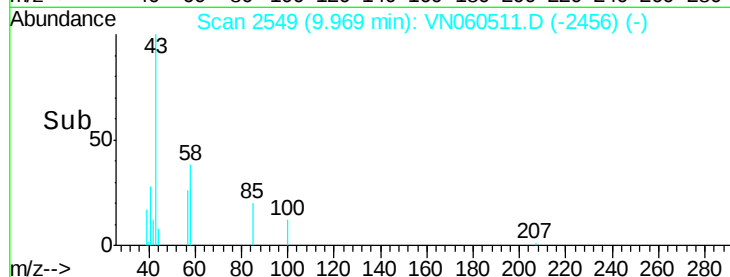
0

Time-->

9.95

9.97

10.00



#62

4-Bromofluorobenzene

Concen: 52.783 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

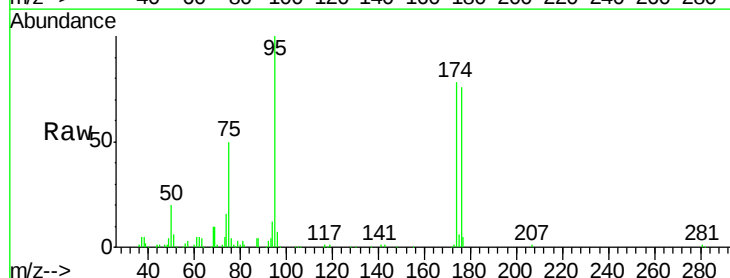
Tgt Ion: 95 Resp: 156609

Ion Ratio Lower Upper

95 100

174 78.3 0.0 159.2

176 76.3 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

60000

40000

20000

0

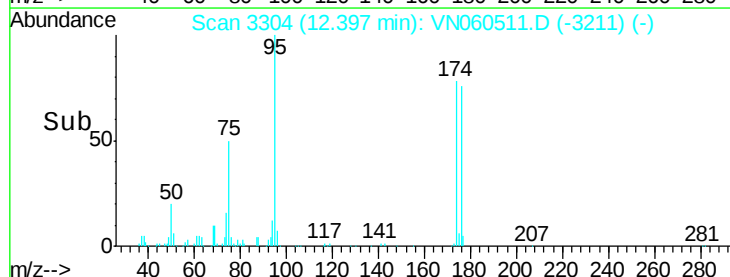
Time-->

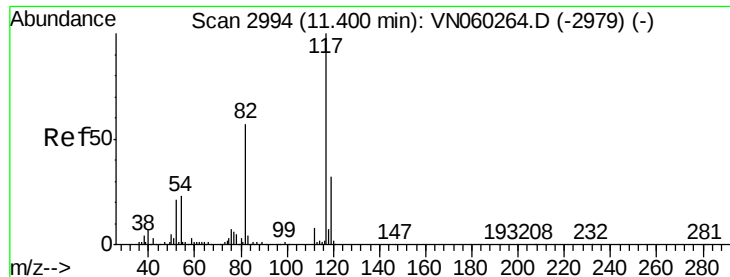
12.30

12.35

12.40

12.45





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

Instrument :

MSVOA_N

ClientSampleId :

TP-9-SA

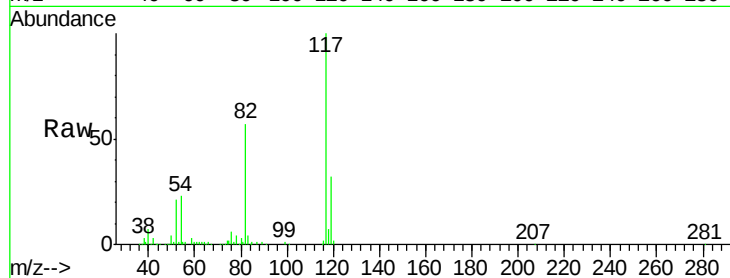
Tot Ion:117 Resp: 316626

Ion Ratio Lower Upper

117 100

82 56.9 45.8 68.6

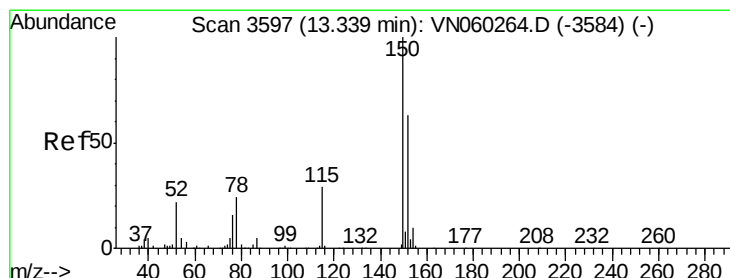
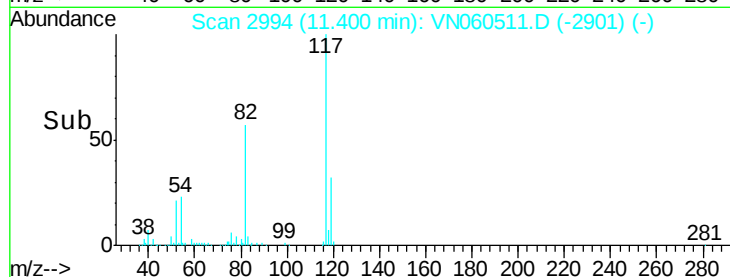
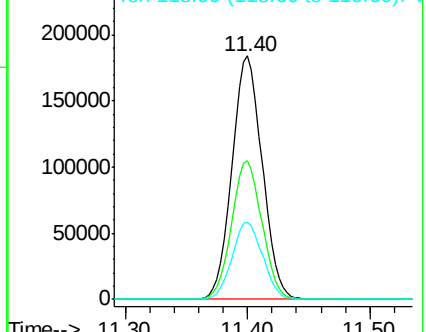
119 31.9 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060511.D

Acq: 13 Mar 2020 18:28

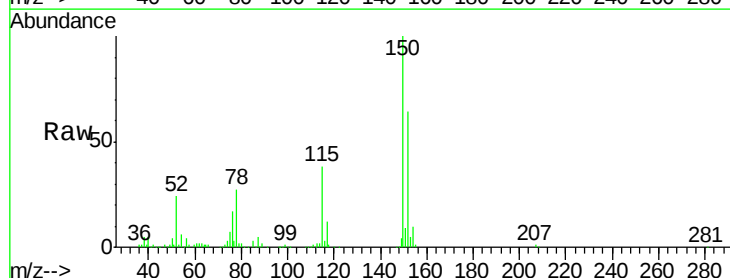
Tgt Ion:152 Resp: 149715

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 156.2 0.0 349.6



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

