

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060526.D
 Acq On : 16 Mar 2020 16:22
 Operator : JC/MD
 Sample : L1942-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3-SA

Quant Time: Mar 17 09:29:19 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

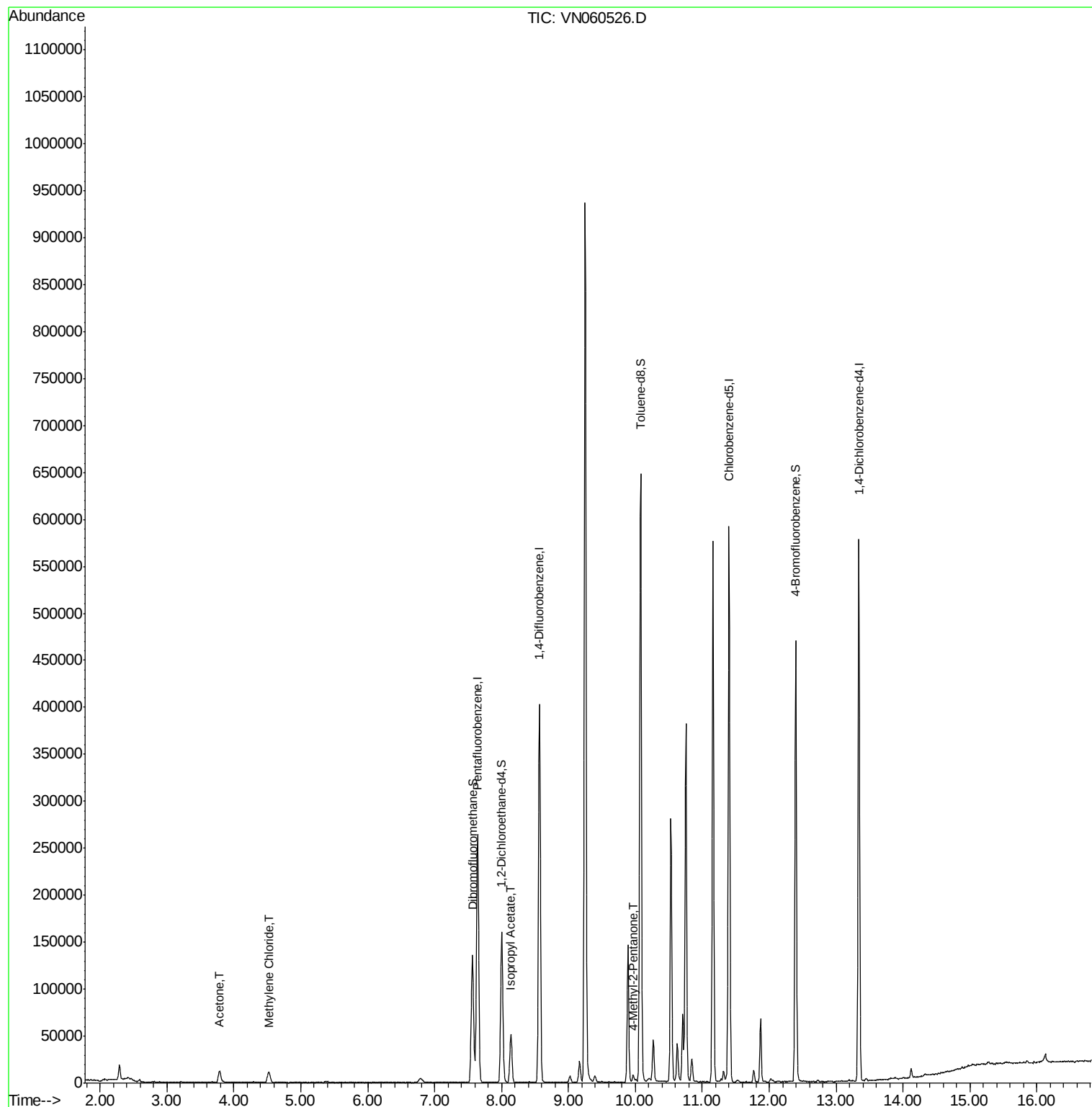
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	216020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	358689	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	335267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151345	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	140100	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
35) Dibromofluoromethane	7.56	113	106286	63.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.68%	
50) Toluene-d8	10.08	98	441923	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	163984	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
Target Compounds						
16) Acetone	3.78	43	21990	24.569	ug/l	98
20) Methylene Chloride	4.52	84	8629	3.511	ug/l	91
43) Isopropyl Acetate	8.14	43	63074	11.131	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	5202	1.619	ug/l	92

(#) = 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# 1825

Delta R.T. -0.00 min

Lab File: VN060526.D

Acq: 16 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

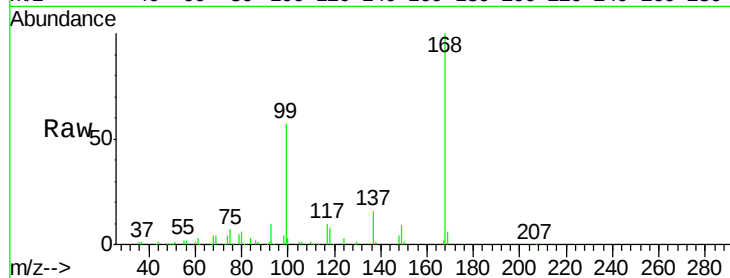
TP-3-SA

Tot Ion:168 Resp: 216020

Ion Ratio Lower Upper

168 100

99 56.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

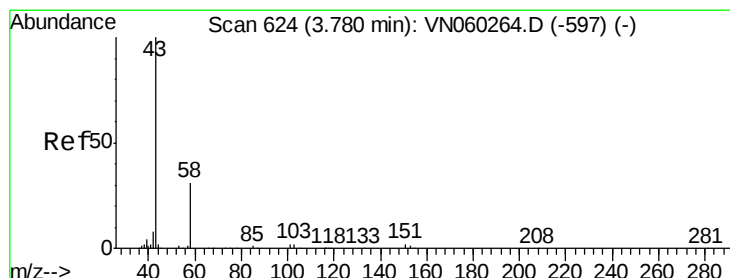
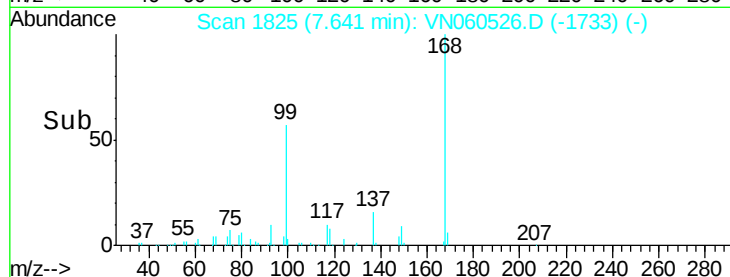
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 24.569 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060526.D

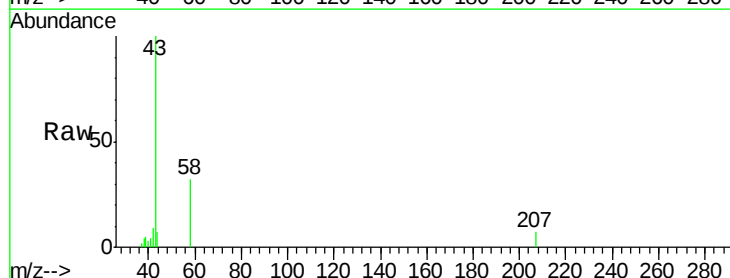
Acq: 16 Mar 2020 16:22

Tgt Ion: 43 Resp: 21990

Ion Ratio Lower Upper

43 100

58 31.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.78

8000

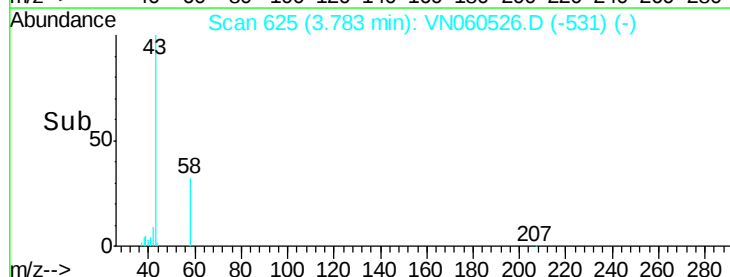
6000

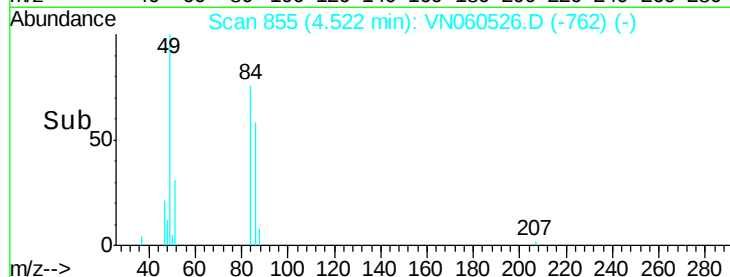
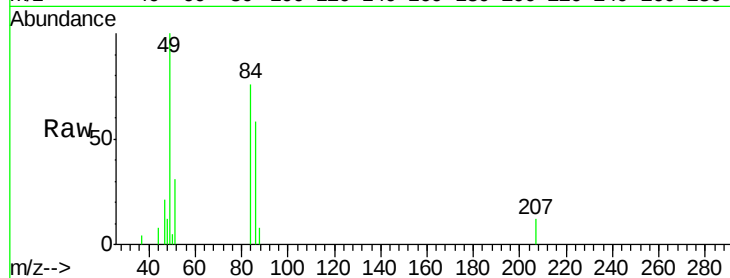
4000

2000

0

Time-->

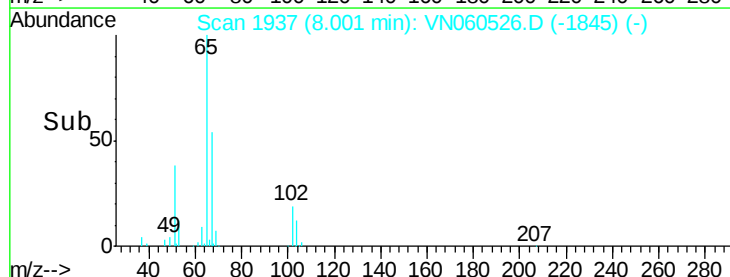
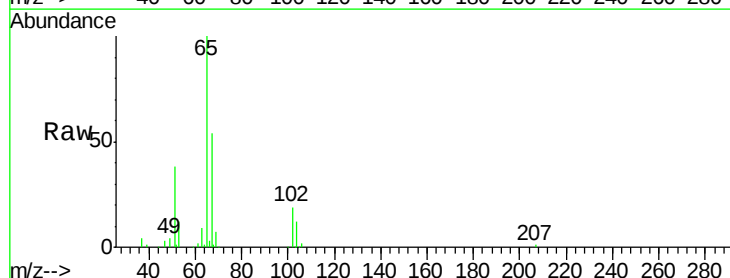
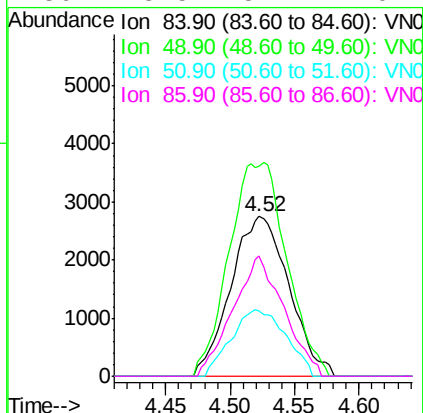




#20
Methvlene Chloride
Concen: 3.511 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060526.D
Acq: 16 Mar 2020 16:22

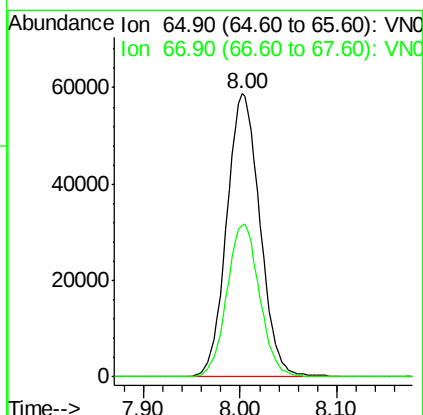
Instrument :
MSVOA_N
ClientSampled :
TP-3-SA

Tot Ion:	84	Resp:	8629
Ion	Ratio	Lower	Upper
84	100		
49	131.3	99.3	148.9
51	41.2	30.1	45.1
86	75.5	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.549 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060526.D
Acq: 16 Mar 2020 16:22

Tgt Ion:	65	Resp:	140100
Ion	Ratio	Lower	Upper
65	100		
67	53.0	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: VN060526.D

Acq: 16 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampleId :

TP-3-SA

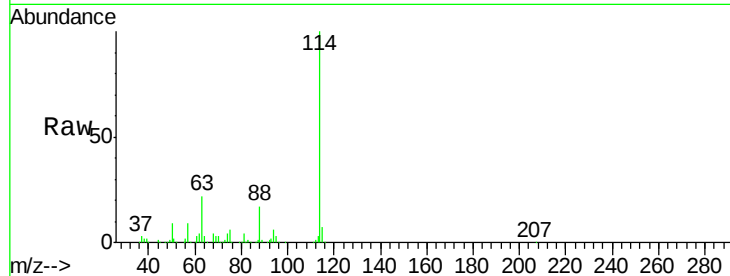
Tot Ion:114 Resp: 358689

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

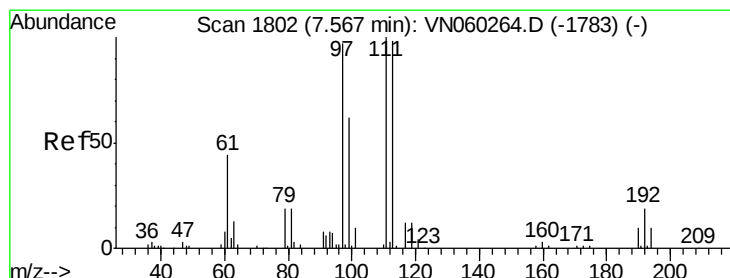
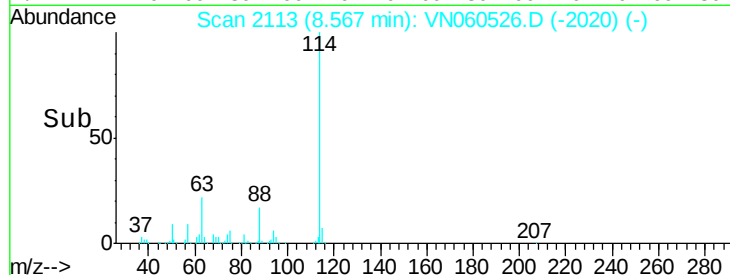
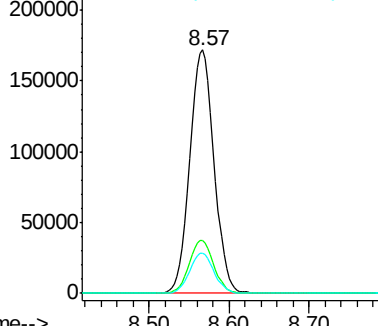
88 16.6 0.0 31.6



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: 63.839 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060526.D

Acq: 16 Mar 2020 16:22

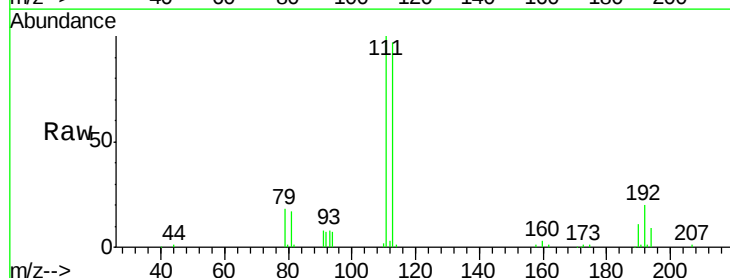
Tgt Ion:113 Resp: 106286

Ion Ratio Lower Upper

113 100

111 101.1 82.4 123.6

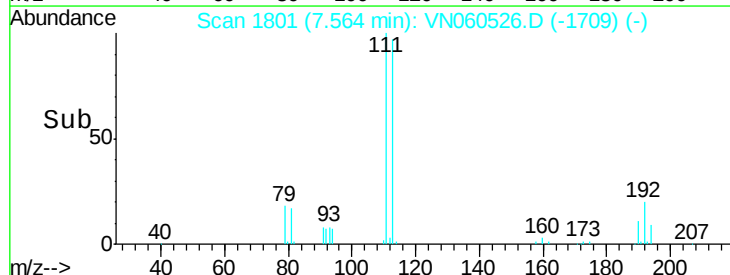
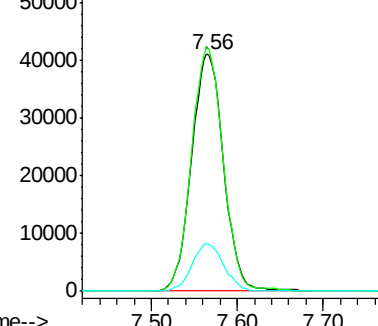
192 19.7 16.2 24.2



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: 11.131 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060526.D

Acq: 16 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

TP-3-SA

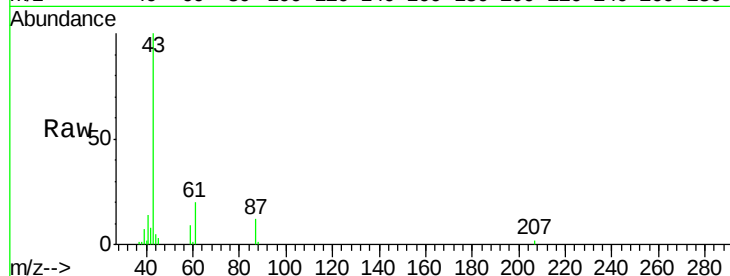
Tot Ion: 43 Resp: 63074

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

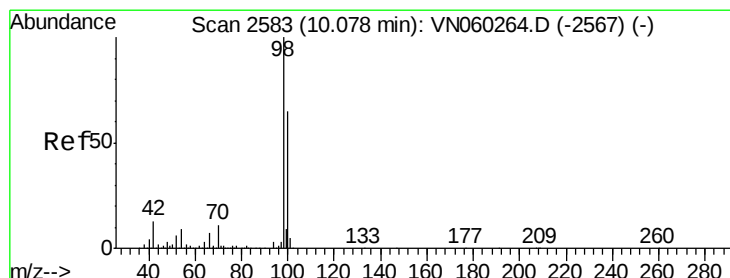
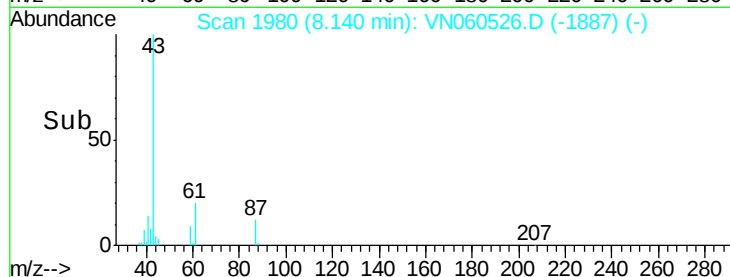
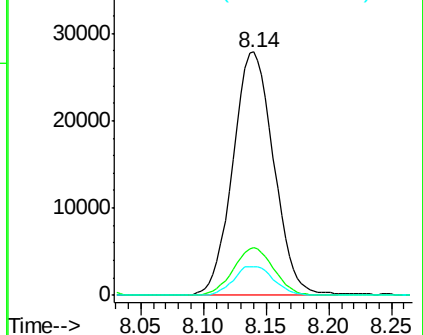
87 11.6 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060526.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060526.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060526.D (-1887) (-)



#50

Toluene-d8

Concen: 52.445 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060526.D

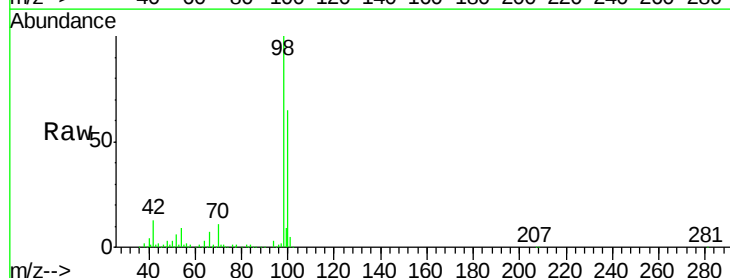
Acq: 16 Mar 2020 16:22

Tgt Ion: 98 Resp: 441923

Ion Ratio Lower Upper

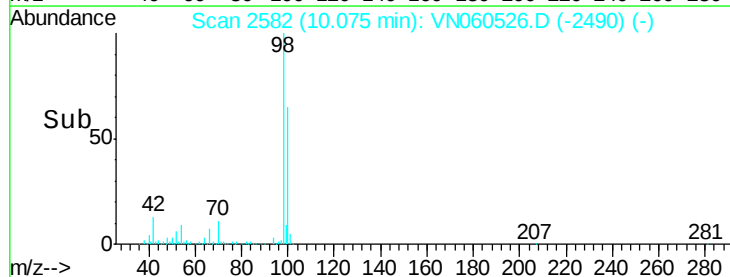
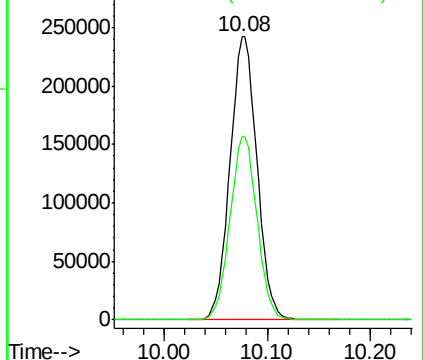
98 100

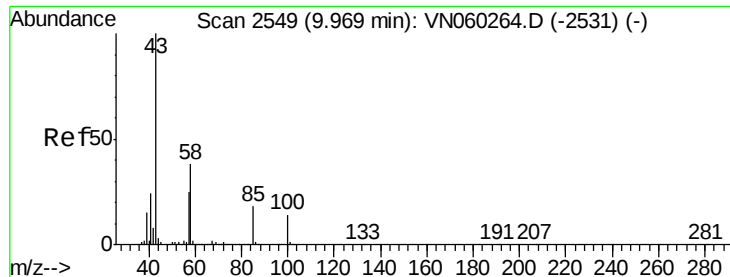
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060526.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060526.D (-2490) (-)





#51

4-Methyl-2-Pentanone

Concen: 1.619 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060526.D

Acq: 16 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

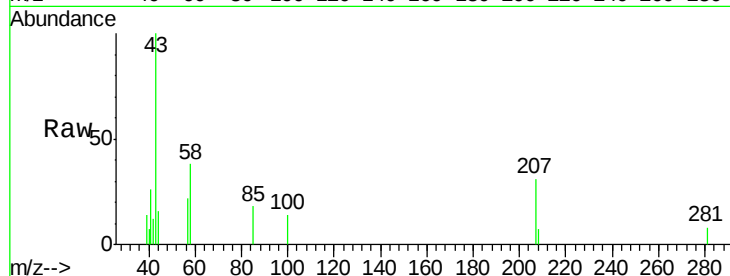
TP-3-SA

Tot Ion: 43 Resp: 5202

Ion Ratio Lower Upper

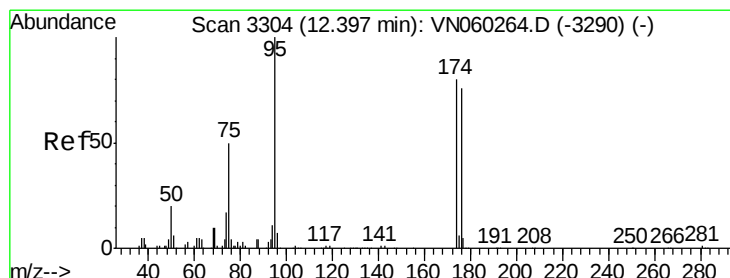
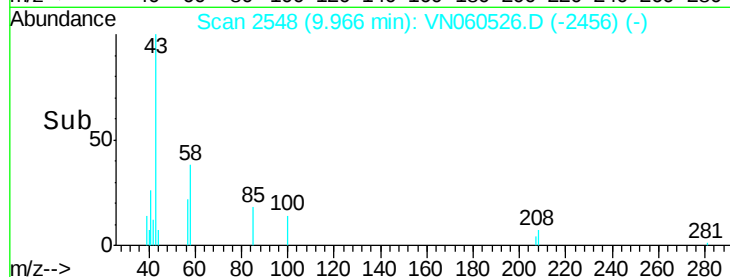
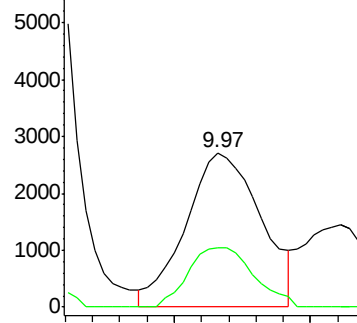
43 100

58 33.6 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 51.338 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060526.D

Acq: 16 Mar 2020 16:22

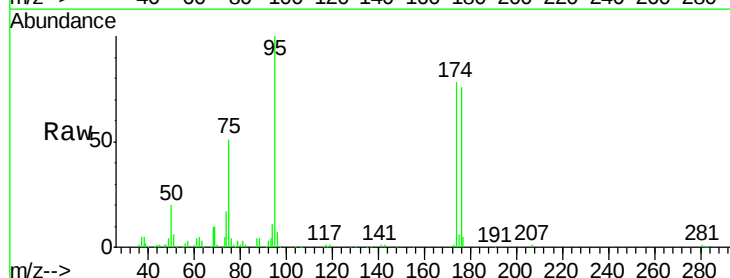
Tgt Ion: 95 Resp: 163984

Ion Ratio Lower Upper

95 100

174 77.9 0.0 159.2

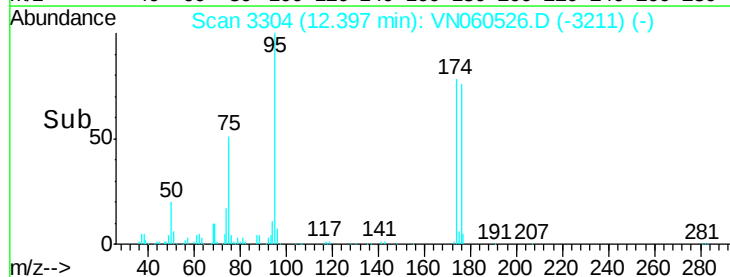
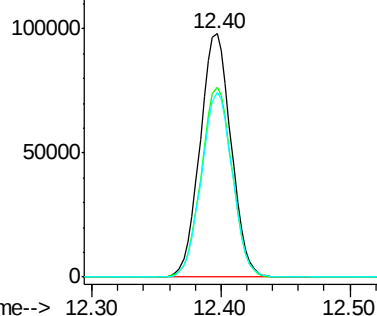
176 75.6 0.0 153.8

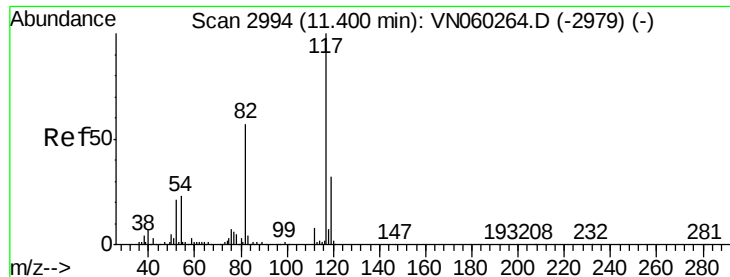


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060526.D

Acq: 16 Mar 2020 16:22

Instrument :

MSVOA_N

ClientSampled :

TP-3-SA

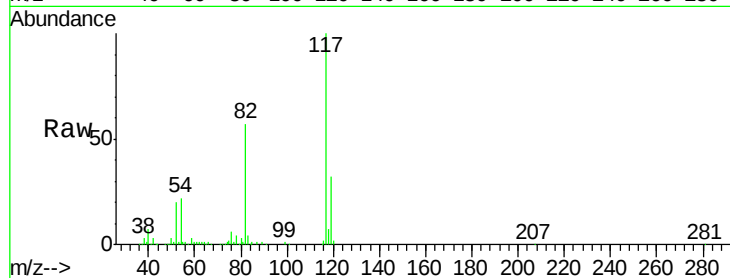
Tot Ion:117 Resp: 335267

Ion Ratio Lower Upper

117 100

82 57.4 45.8 68.6

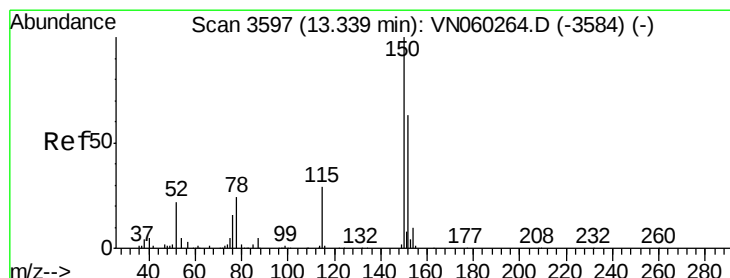
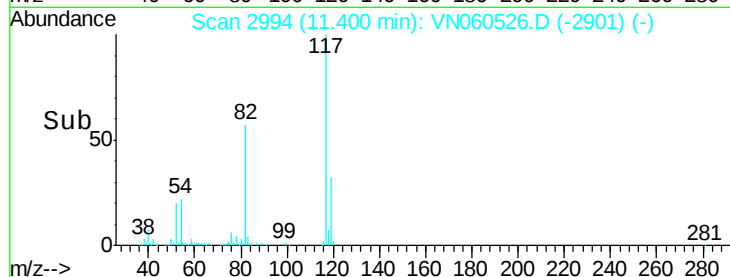
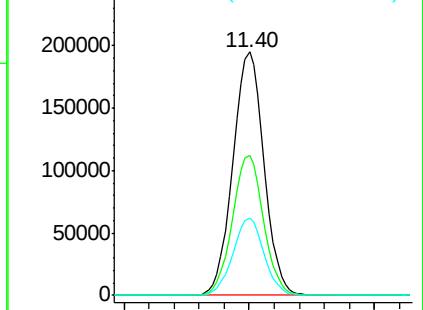
119 31.7 25.8 38.8



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: VN060526.D

Acq: 16 Mar 2020 16:22

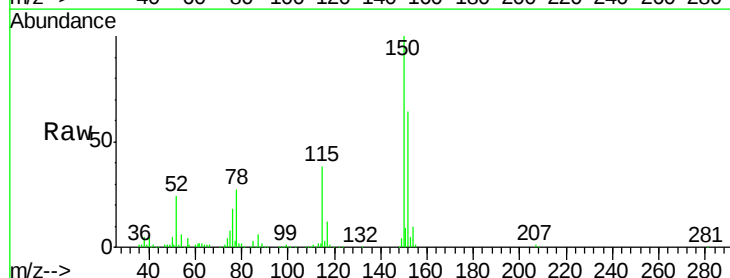
Tgt Ion:152 Resp: 151345

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 156.3 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

