

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060521.D
 Acq On : 16 Mar 2020 14:29
 Operator : JC/MD
 Sample : L1922-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-2A

Quant Time: Mar 17 09:19:58 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

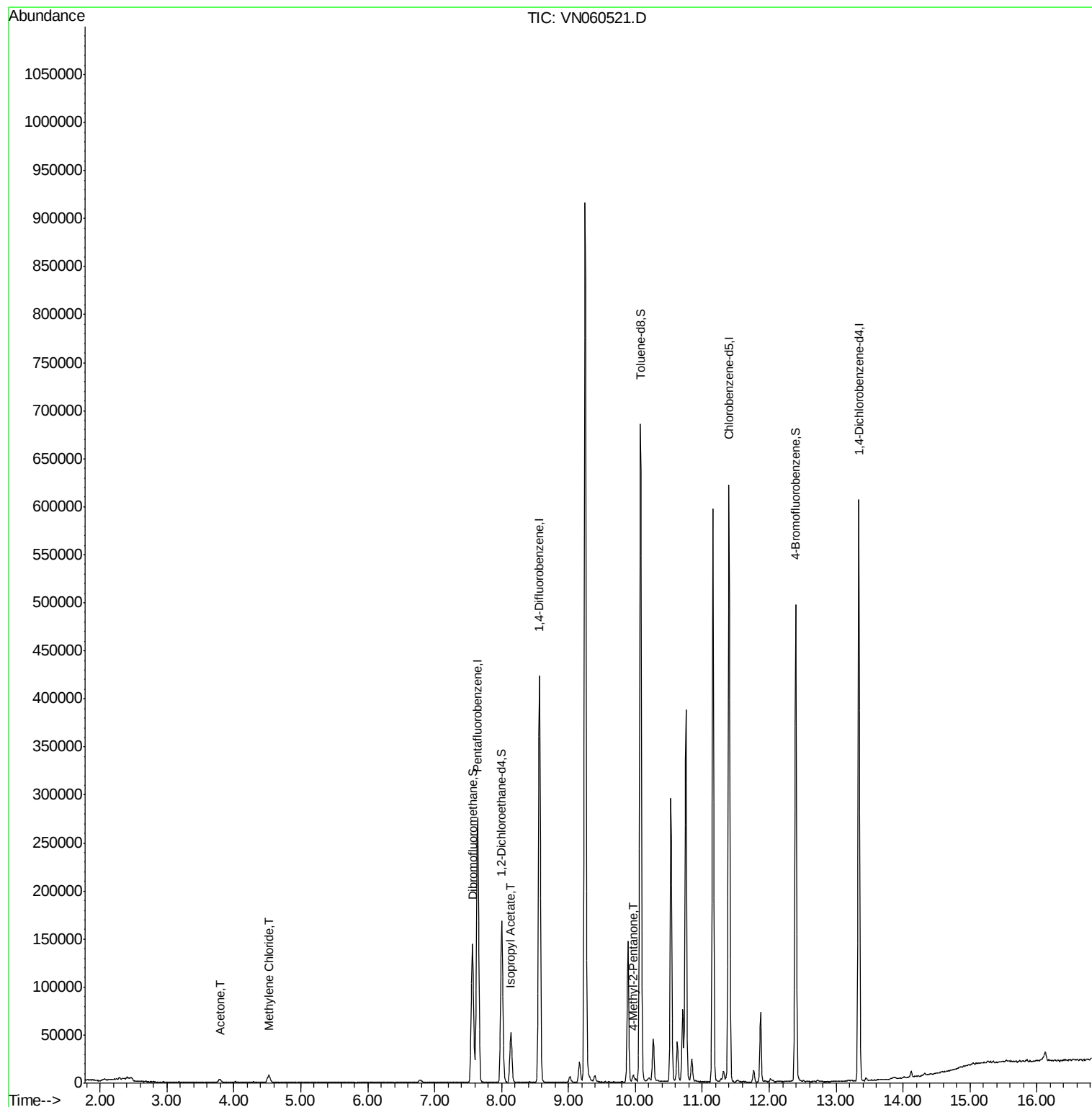
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	229944	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	383214	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	357953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	159723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	148370	50.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.58%	
35) Dibromofluoromethane	7.56	113	110251	61.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.96%	
50) Toluene-d8	10.08	98	472176	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	175354	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
Target Compounds						
16) Acetone	3.79	43	6800	7.138	ug/l	92
20) Methylene Chloride	4.52	84	5905	2.257	ug/l	97
43) Isopropyl Acetate	8.14	43	62077	10.254	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	5708	1.663	ug/l	93

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

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QLast Update : Thu Feb 27 13:52:50 2020
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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: VN060521.D

Acq: 16 Mar 2020 14:29

Instrument :

MSVOA_N

ClientSampled :

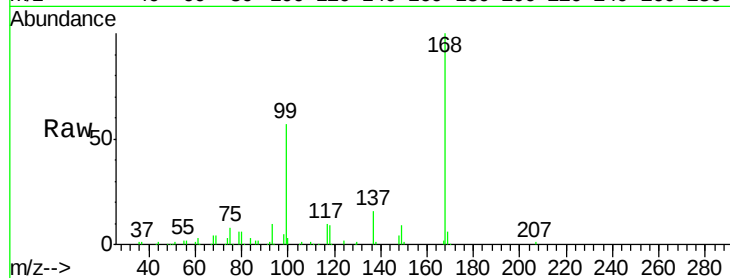
P-2A

Tot Ion:168 Resp: 229944

Ion Ratio Lower Upper

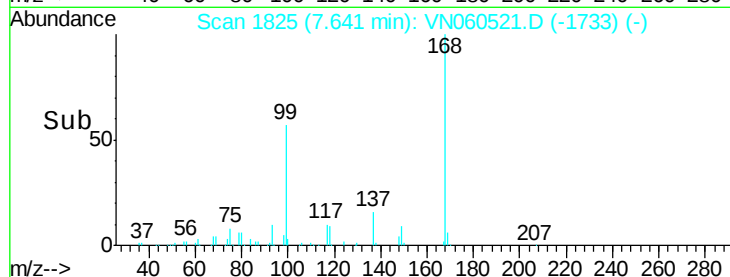
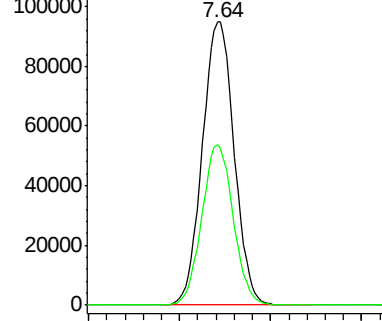
168 100

99 56.8 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 7.138 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060521.D

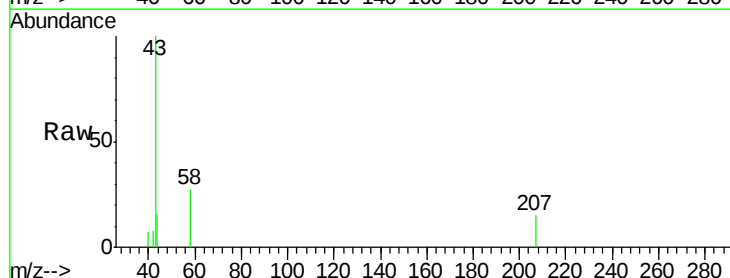
Acq: 16 Mar 2020 14:29

Tgt Ion: 43 Resp: 6800

Ion Ratio Lower Upper

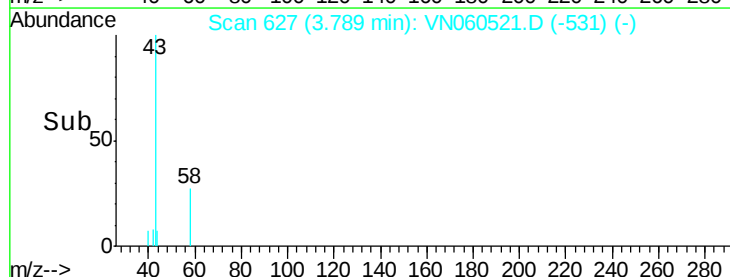
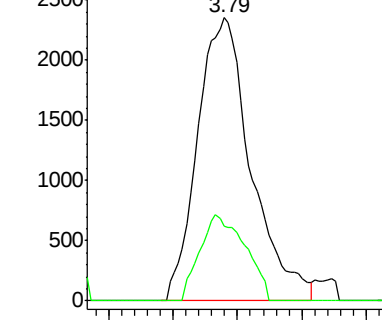
43 100

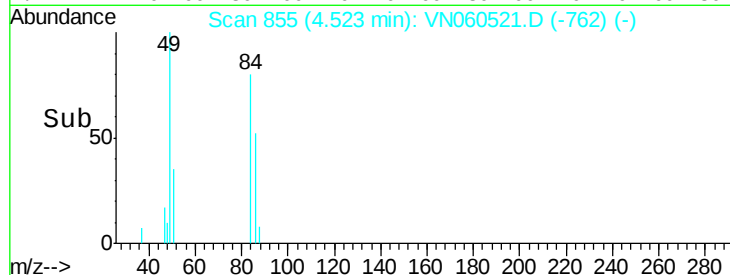
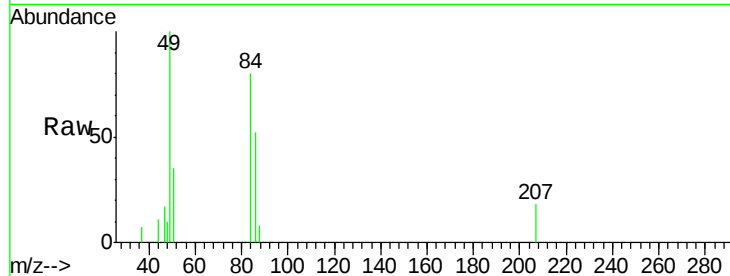
58 26.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

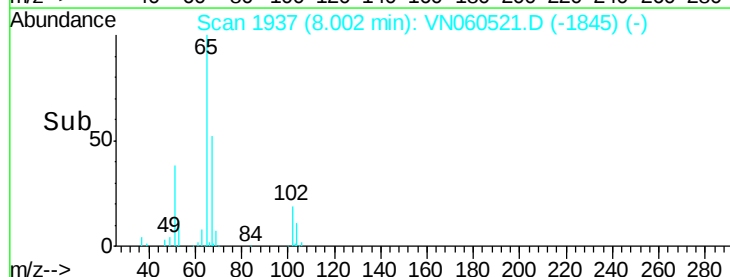
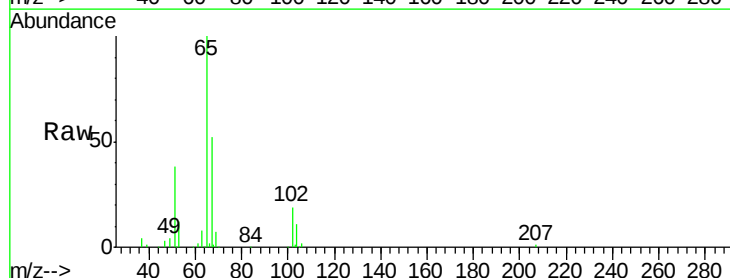
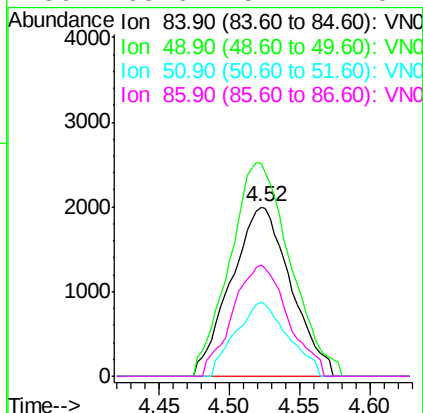




#20
Methvlene Chloride
Concen: 2.257 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060521.D
Acq: 16 Mar 2020 14:29

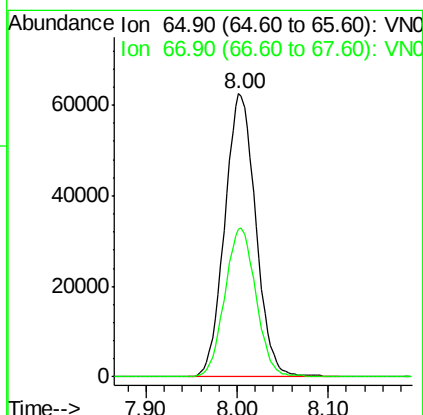
Instrument :
MSVOA_N
ClientSampled :
P-2A

Tot Ion:	84	Resp:	5905
Ion	Ratio	Lower	Upper
84	100		
49	125.7	99.3	148.9
51	43.6	30.1	45.1
86	65.6	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.291 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060521.D
Acq: 16 Mar 2020 14:29

Tgt Ion:	65	Resp:	148370
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VN060521.D

Acq: 16 Mar 2020 14:29

Instrument :

MSVOA_N

ClientSampleId :

P-2A

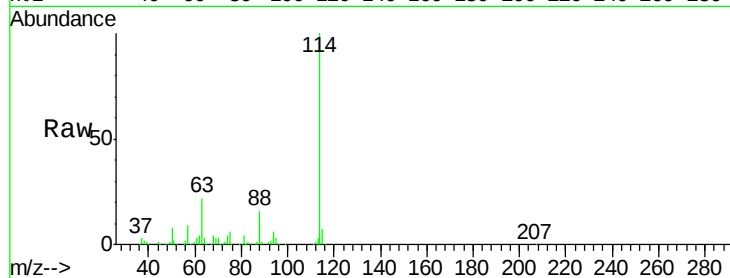
Tot Ion:114 Resp: 383214

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

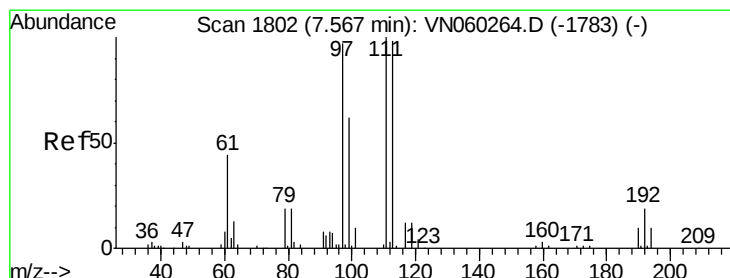
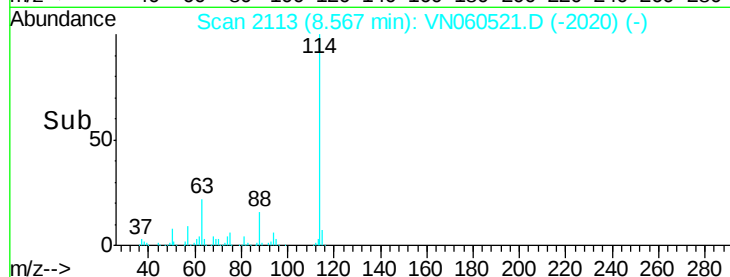
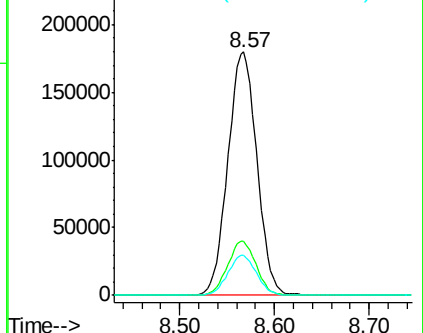
88 16.4 0.0 31.6



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: 61.982 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060521.D

Acq: 16 Mar 2020 14:29

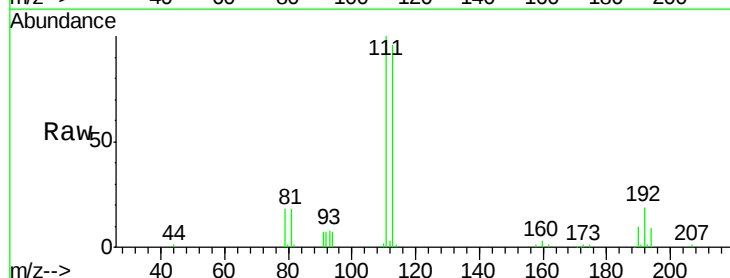
Tgt Ion:113 Resp: 110251

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

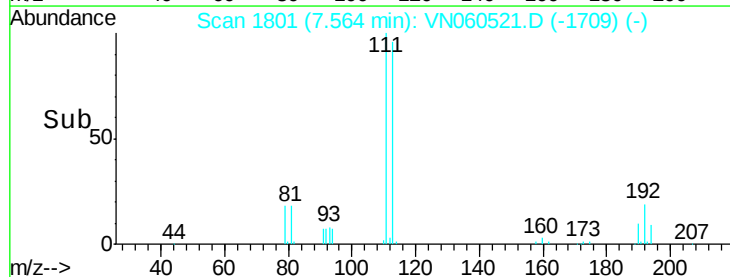
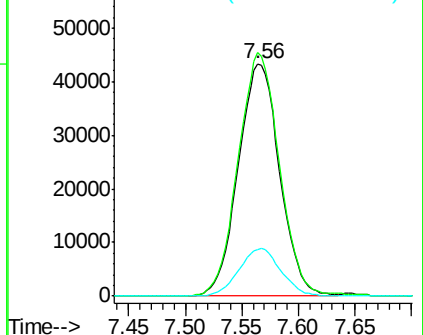
192 20.4 16.2 24.2



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: 10.254 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060521.D

Acq: 16 Mar 2020 14:29

Instrument :

MSVOA_N

ClientSampleId :

P-2A

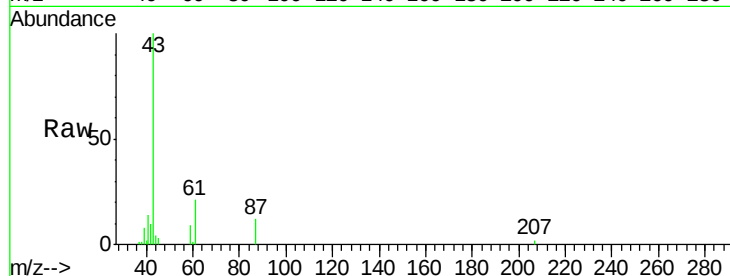
Tot Ion: 43 Resp: 62077

Ion Ratio Lower Upper

43 100

61 20.0 20.9 31.3#

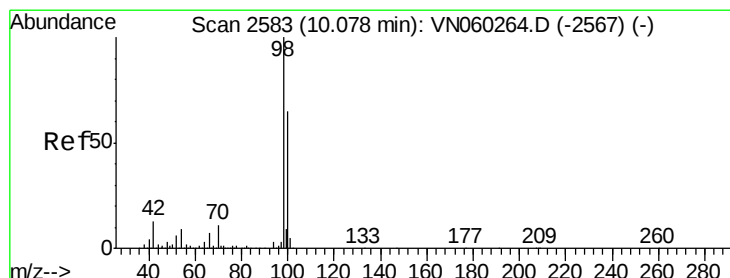
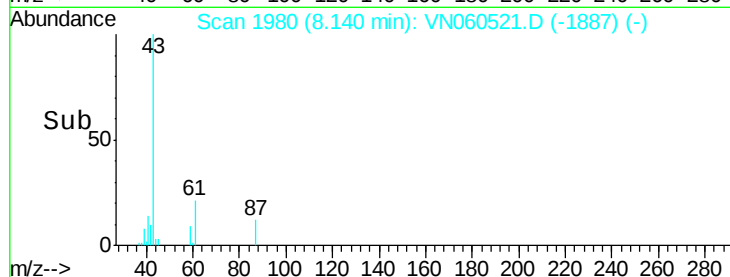
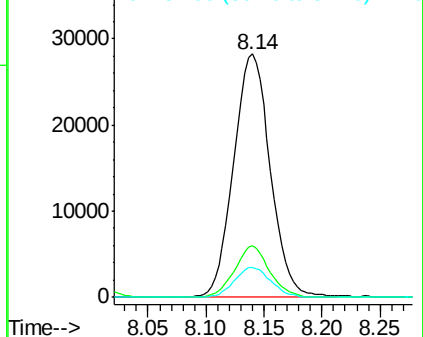
87 12.1 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060521.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060521.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060521.D (-1887) (-)



#50

Toluene-d8

Concen: 52.449 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060521.D

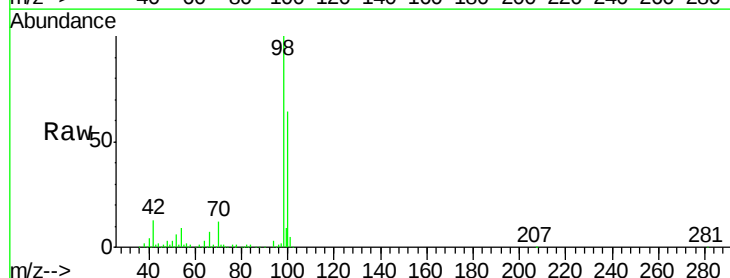
Acq: 16 Mar 2020 14:29

Tgt Ion: 98 Resp: 472176

Ion Ratio Lower Upper

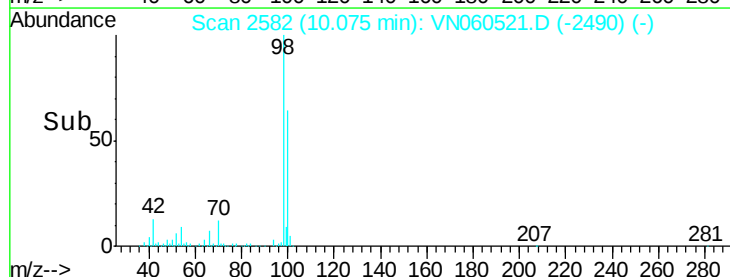
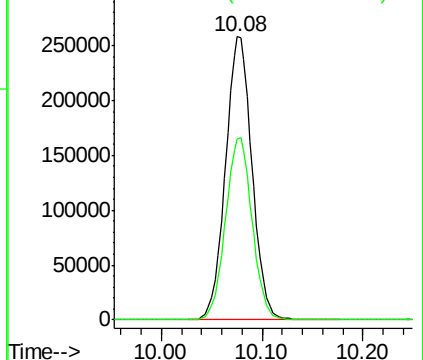
98 100

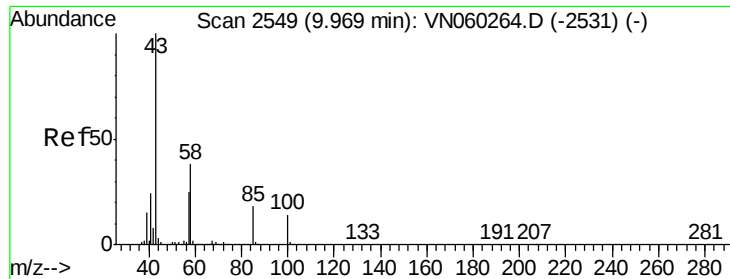
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060521.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060521.D (-2490) (-)

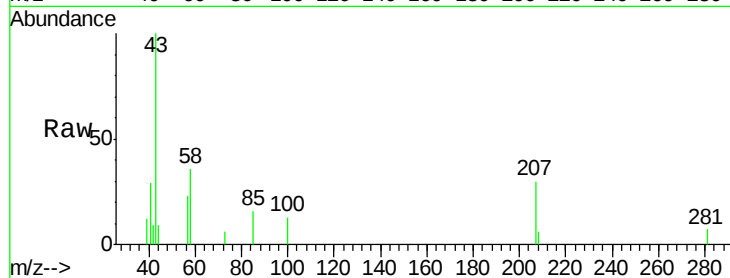




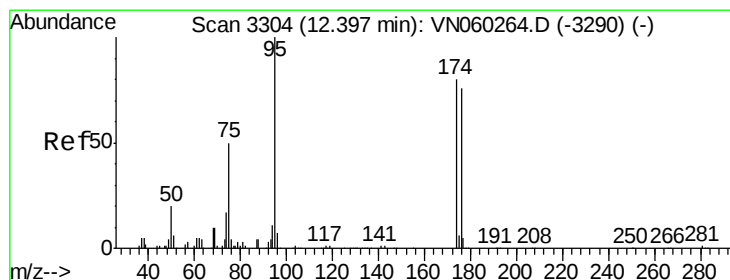
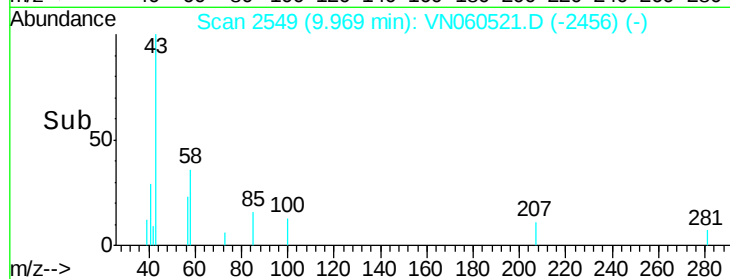
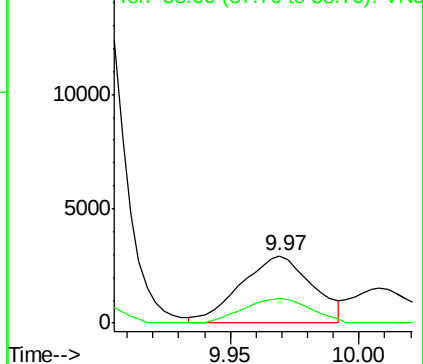
#51
4-Methyl-2-Pentanone
Concen: 1.663 ug/l
RT: 9.97 min Scan# 2549
Delta R.T. 0.00 min
Lab File: VN060521.D
Acq: 16 Mar 2020 14:29

Instrument :
MSVOA_N
ClientSampled :
P-2A

Tot Ion: 43 Resp: 5708
Ion Ratio Lower Upper
43 100
58 34.2 30.9 46.3

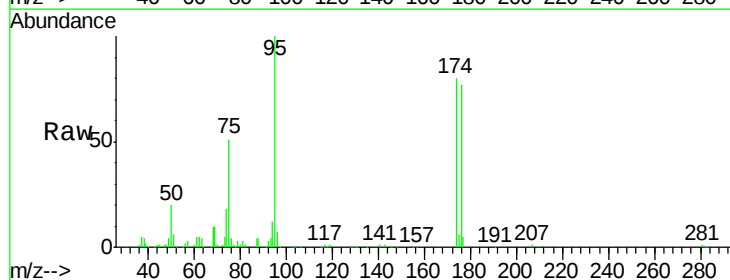


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

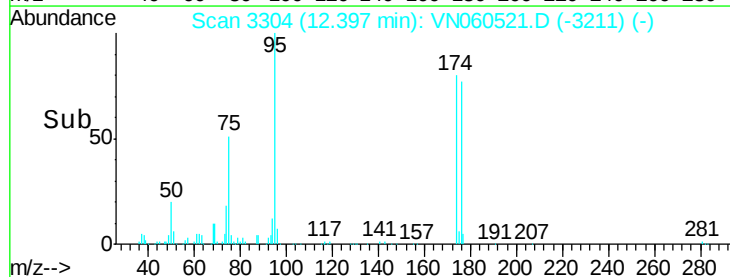
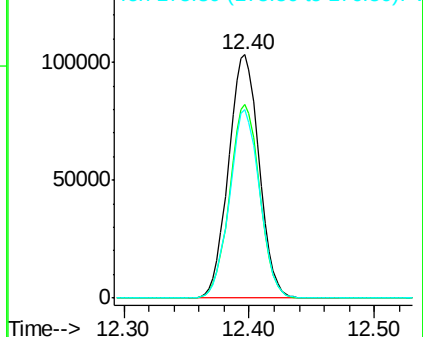


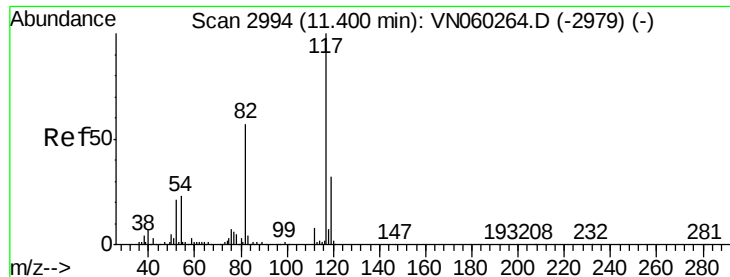
#62
4-Bromofluorobenzene
Concen: 51.384 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060521.D
Acq: 16 Mar 2020 14:29

Tgt Ion: 95 Resp: 175354
Ion Ratio Lower Upper
95 100
174 78.1 0.0 159.2
176 76.1 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

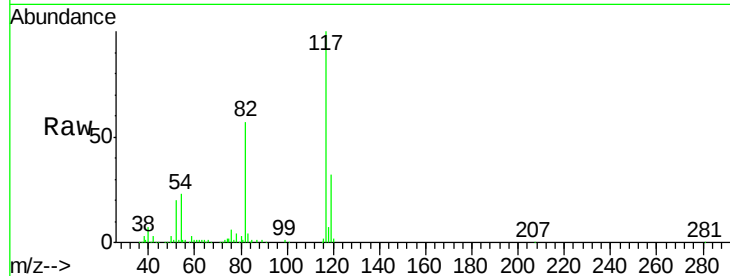




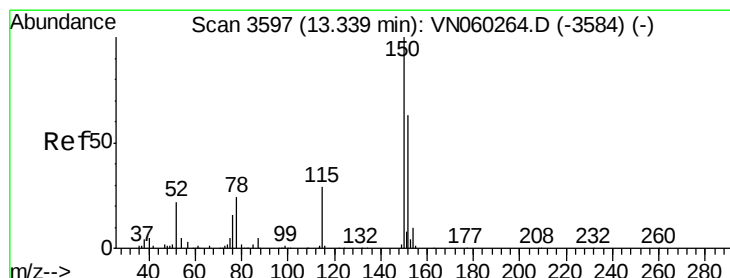
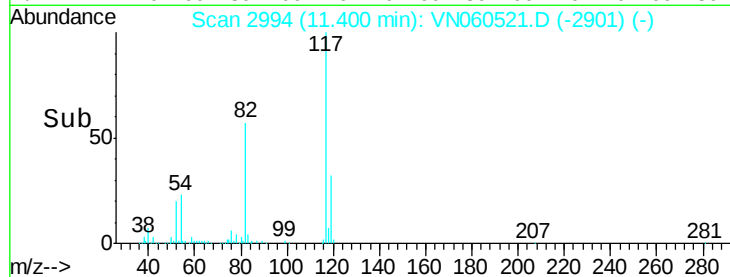
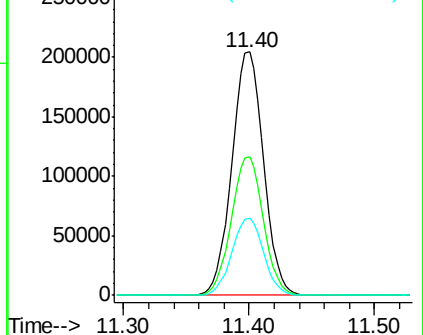
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060521.D
Acq: 16 Mar 2020 14:29

Instrument :
MSVOA_N
ClientSampled :
P-2A

Tot Ion:117 Resp: 357953
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.6
119 31.5 25.8 38.8

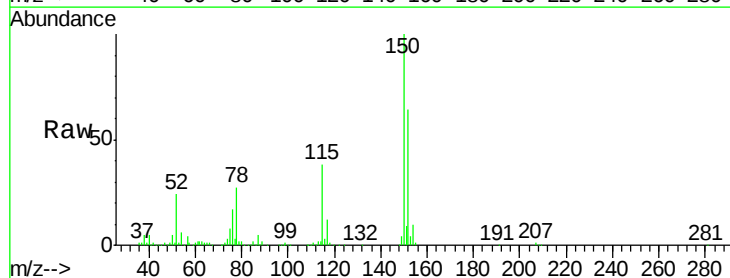


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060521.D
Acq: 16 Mar 2020 14:29

Tgt Ion:152 Resp: 159723
Ion Ratio Lower Upper
152 100
115 59.4 30.0 90.0
150 157.3 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

