

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060523.D
 Acq On : 16 Mar 2020 15:14
 Operator : JC/MD
 Sample : L1933-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 72-11976

Quant Time: Mar 17 09:24:13 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

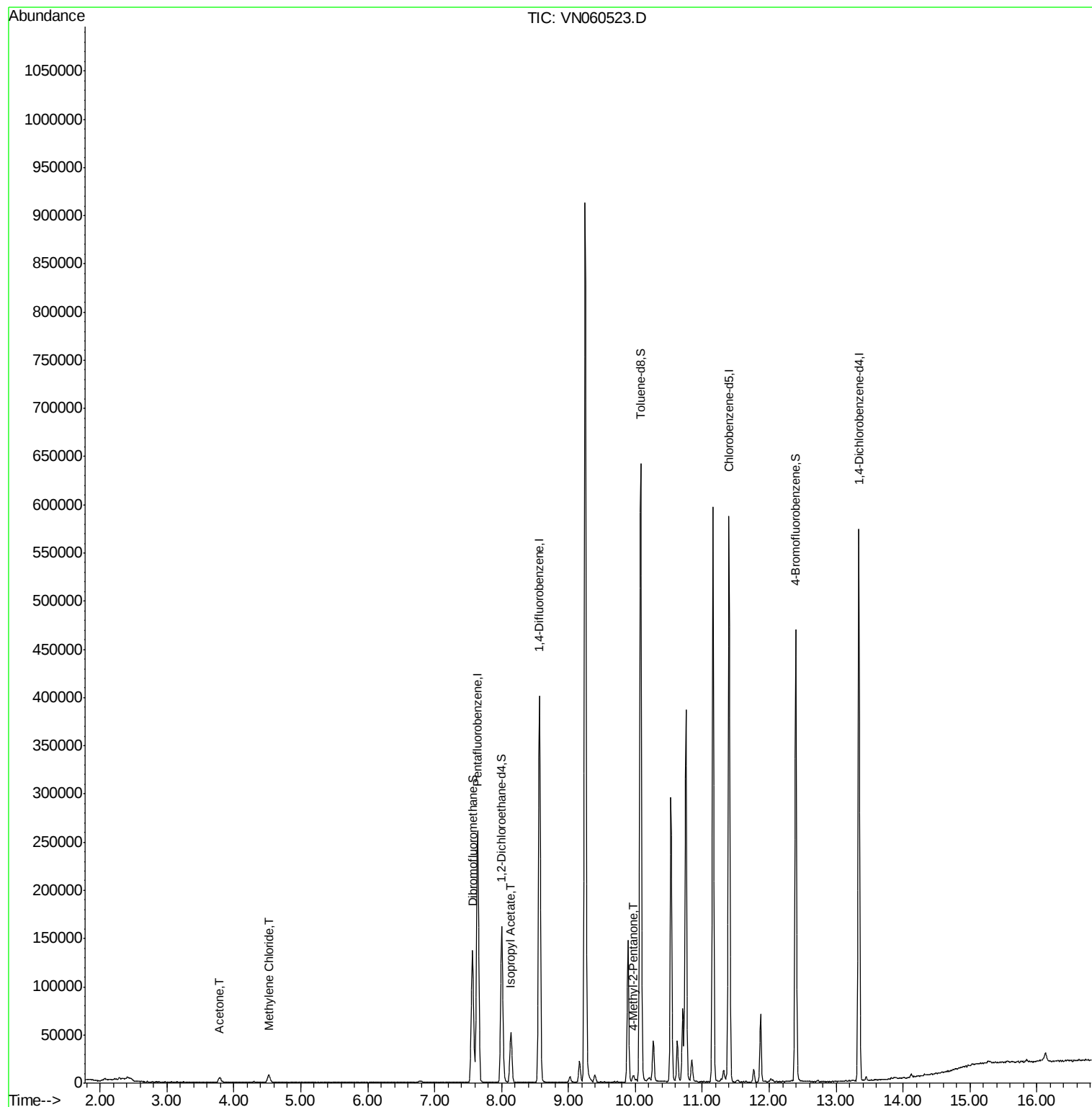
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	213267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	357051	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	333425	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	138653	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
35) Dibromofluoromethane	7.57	113	104265	62.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	125.82%	
50) Toluene-d8	10.08	98	443222	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
62) 4-Bromofluorobenzene	12.40	95	163540	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
Target Compounds						
16) Acetone	3.79	43	9894	11.197	ug/l	100
20) Methylene Chloride	4.53	84	5906	2.434	ug/l	93
43) Isopropyl Acetate	8.14	43	62959	11.161	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	5188	1.622	ug/l	95

(#) = 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: VN060523.D

Acq: 16 Mar 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

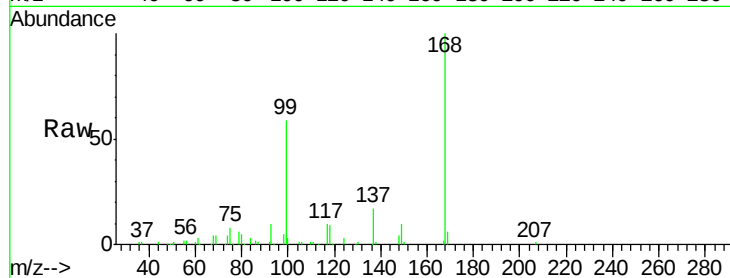
72-11976

Tot Ion:168 Resp: 213267

Ion Ratio Lower Upper

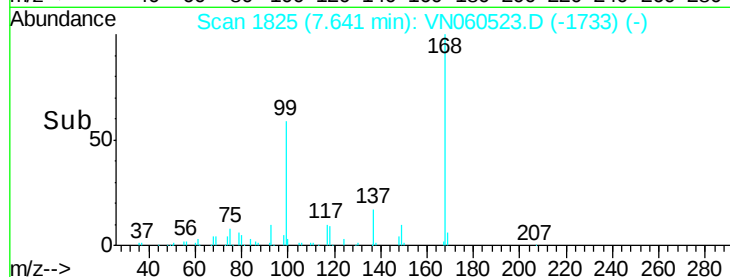
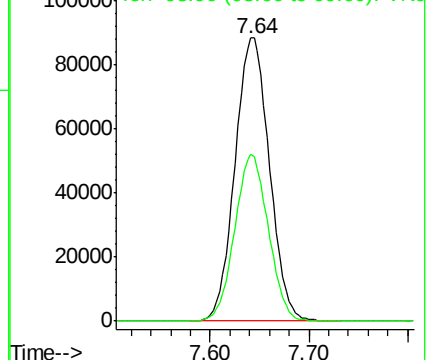
168 100

99 59.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN060523.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060523.D (-1733) (-)



#16

Acetone

Concen: 11.197 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060523.D

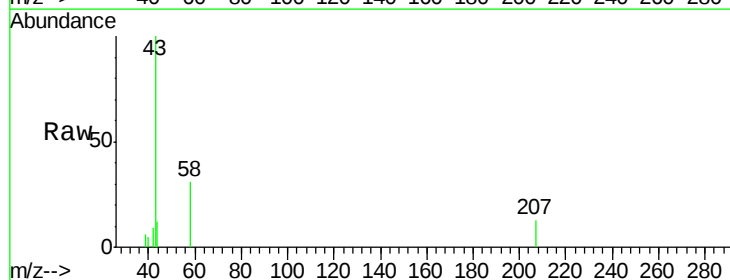
Acq: 16 Mar 2020 15:14

Tgt Ion: 43 Resp: 9894

Ion Ratio Lower Upper

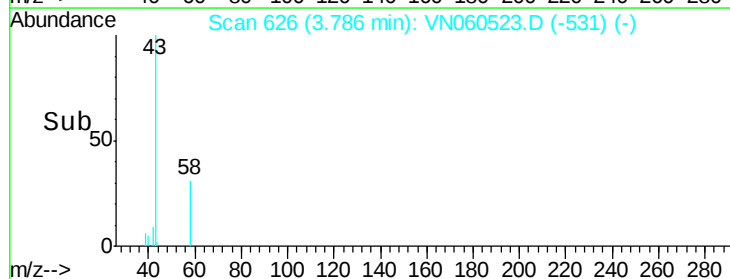
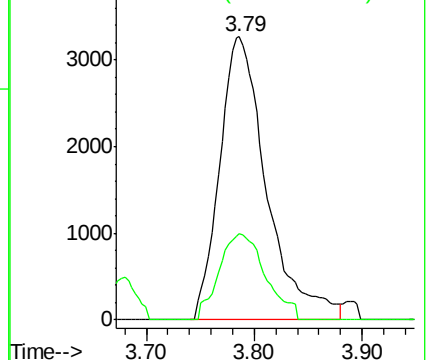
43 100

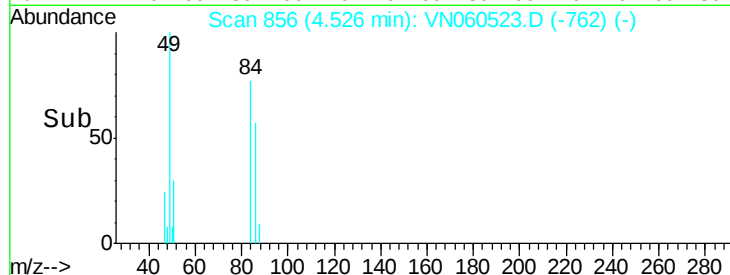
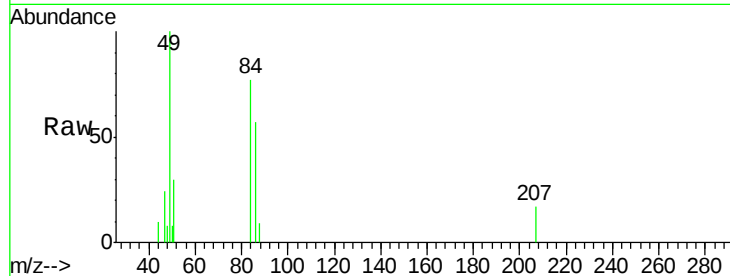
58 30.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060523.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060523.D (-531) (-)

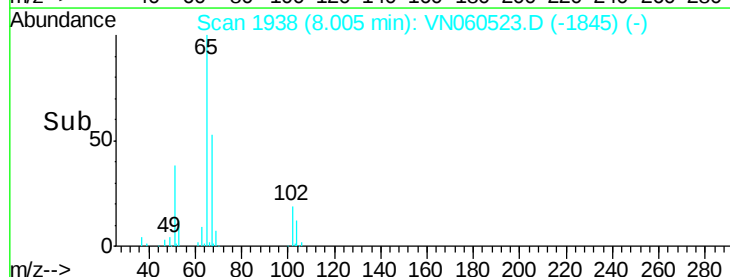
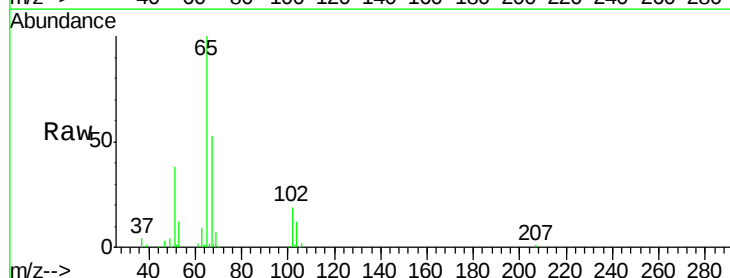
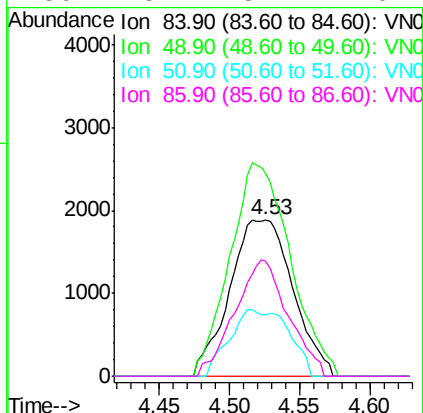




#20
Methvlene Chloride
Concen: 2.434 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060523.D
Acq: 16 Mar 2020 15:14

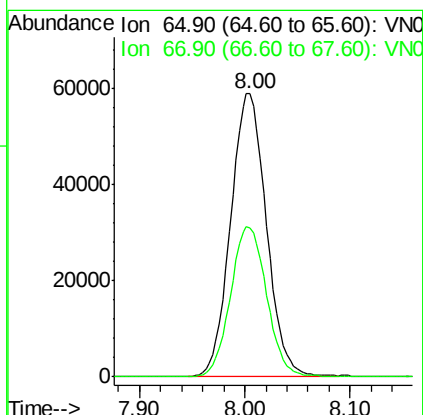
Instrument :
MSVOA_N
ClientSampleId :
72-11976

Tot Ion:	84	Resp:	5906
Ion	Ratio	Lower	Upper
84	100		
49	129.7	99.3	148.9
51	39.2	30.1	45.1
86	73.7	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.673 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060523.D
Acq: 16 Mar 2020 15:14

Tgt Ion:	65	Resp:	138653
Ion	Ratio	Lower	Upper
65	100		
67	53.4	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: VN060523.D

Acq: 16 Mar 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

72-11976

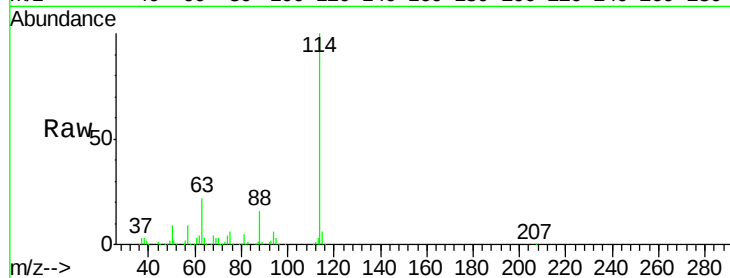
Tot Ion:114 Resp: 357051

Ion Ratio Lower Upper

114 100

63 22.1 0.0 43.2

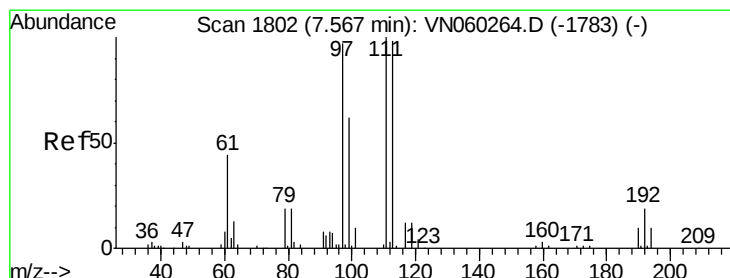
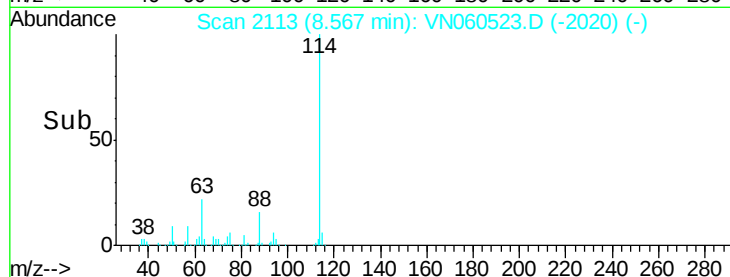
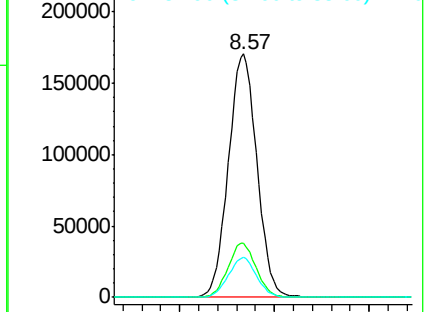
88 16.4 0.0 31.6



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: 62.912 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060523.D

Acq: 16 Mar 2020 15:14

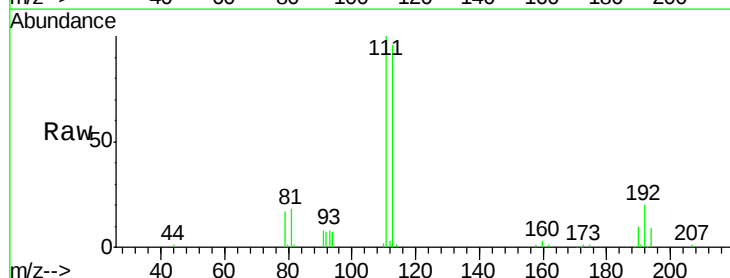
Tgt Ion:113 Resp: 104265

Ion Ratio Lower Upper

113 100

111 104.3 82.4 123.6

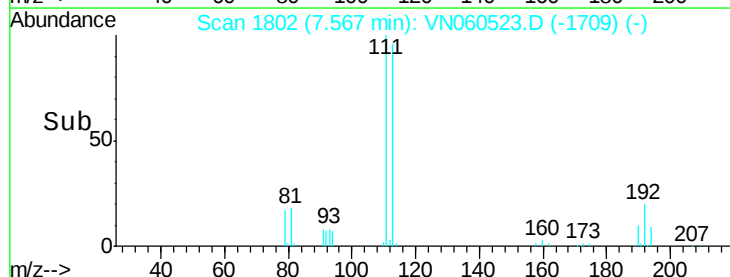
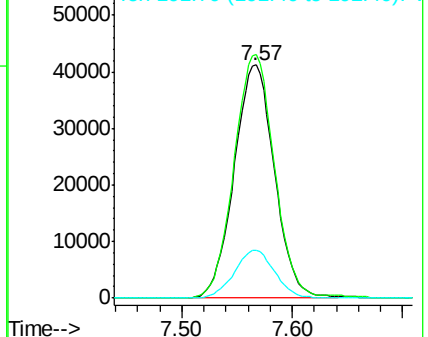
192 20.4 16.2 24.2

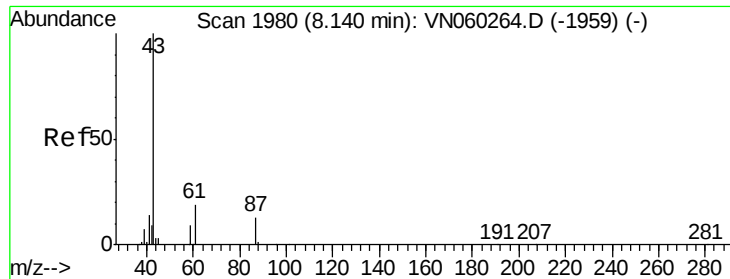


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 11.161 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060523.D

Acq: 16 Mar 2020 15:14

Instrument :

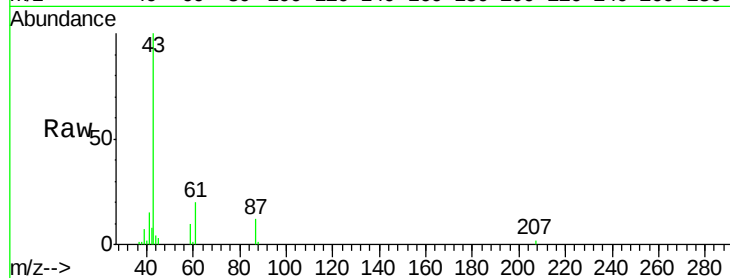
MSVOA_N

ClientSampleId :

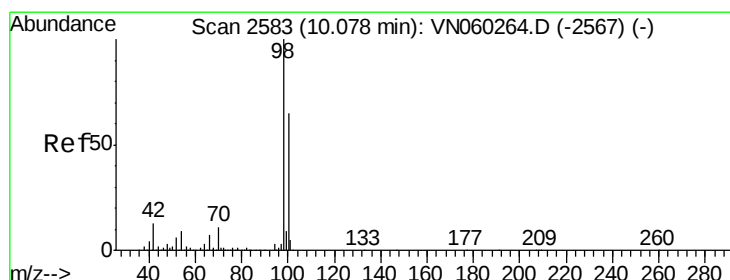
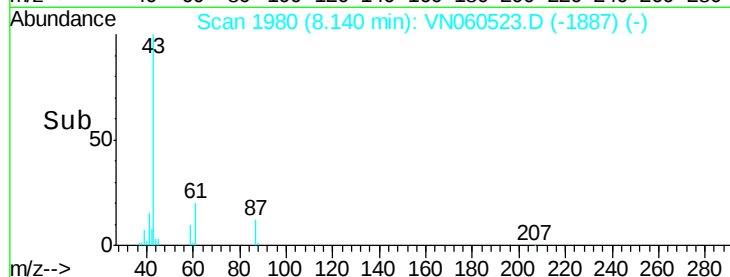
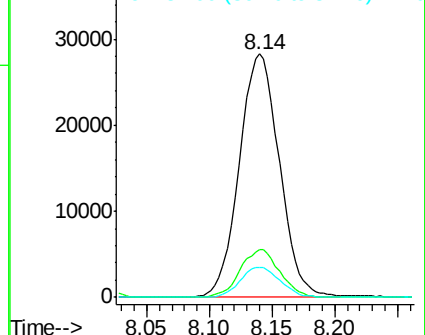
72-11976

Tot Ion: 43 Resp: 62959

Ion	Ratio	Lower	Upper
43	100		
61	19.3	20.9	31.3#
87	12.1	10.6	16.0



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



#50

Toluene-d8

Concen: 52.841 ug/l

RT: 10.08 min Scan# 2583

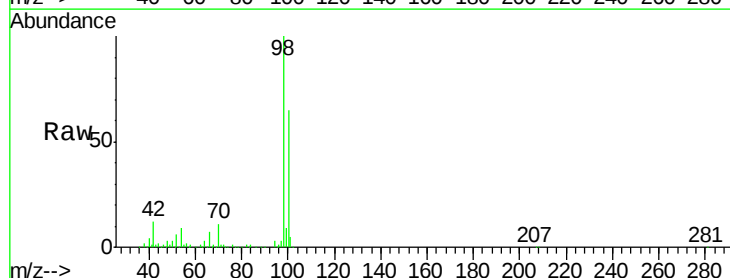
Delta R.T. 0.00 min

Lab File: VN060523.D

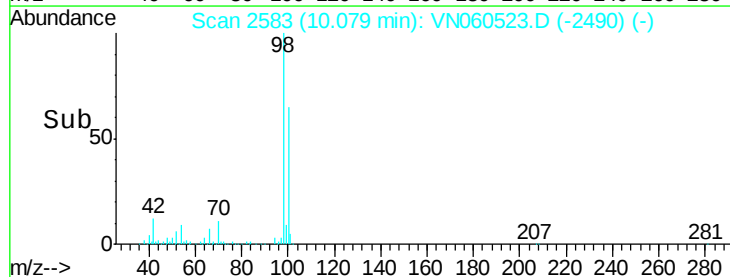
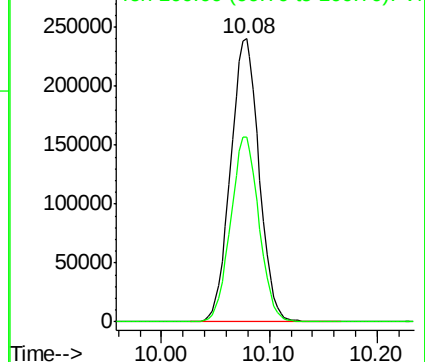
Acq: 16 Mar 2020 15:14

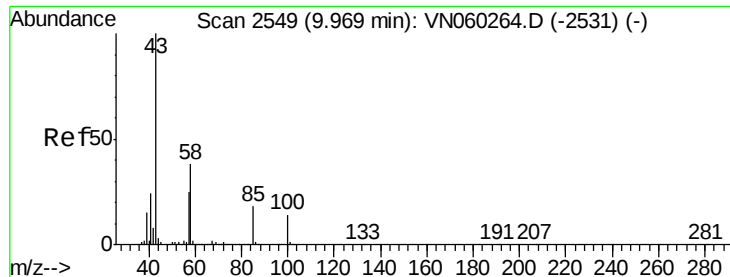
Tgt Ion: 98 Resp: 443222

Ion	Ratio	Lower	Upper
98	100		
100	64.8	52.2	78.2



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

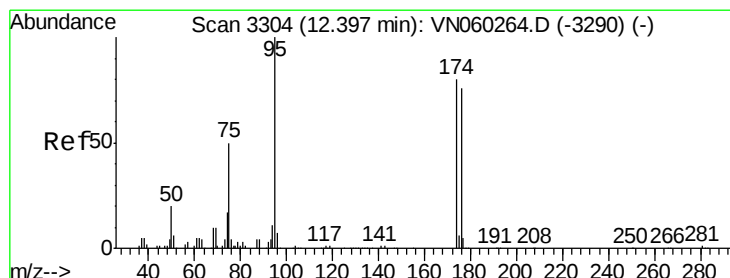
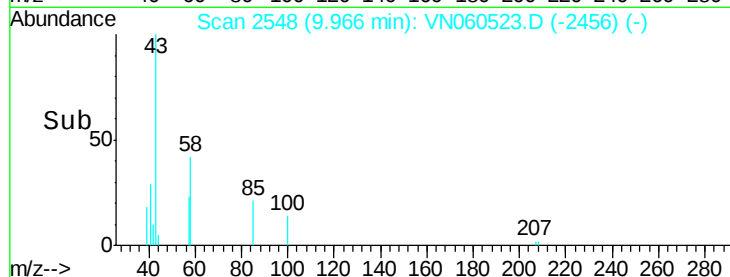
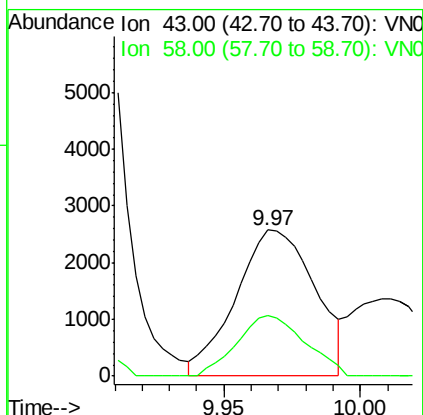
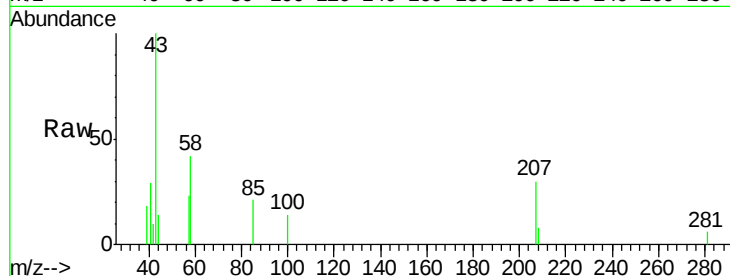




#51
4-Methyl-2-Pentanone
Concen: 1.622 ug/l
RT: 9.97 min Scan# 2548
Delta R.T. -0.00 min
Lab File: VN060523.D
Acq: 16 Mar 2020 15:14

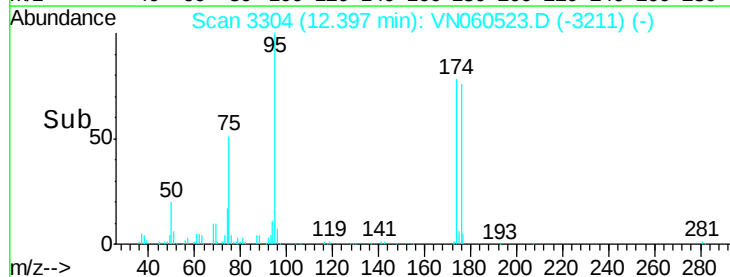
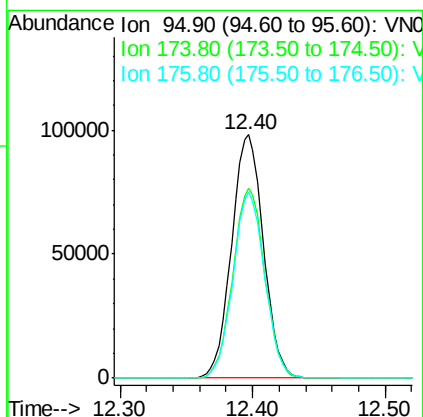
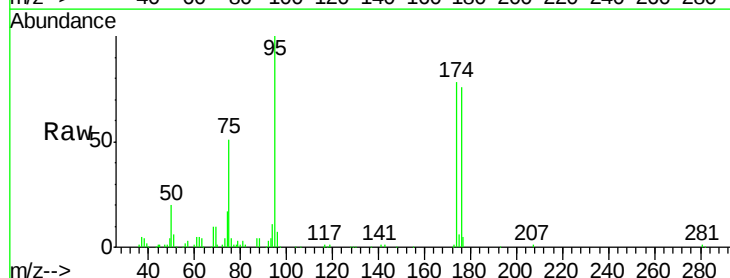
Instrument :
MSVOA_N
ClientSampleId :
72-11976

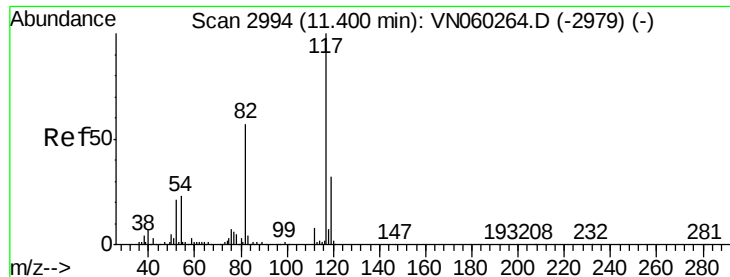
Tot Ion: 43 Resp: 5188
Ion Ratio Lower Upper
43 100
58 35.7 30.9 46.3



#62
4-Bromofluorobenzene
Concen: 51.433 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060523.D
Acq: 16 Mar 2020 15:14

Tgt Ion: 95 Resp: 163540
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 76.0 0.0 153.8

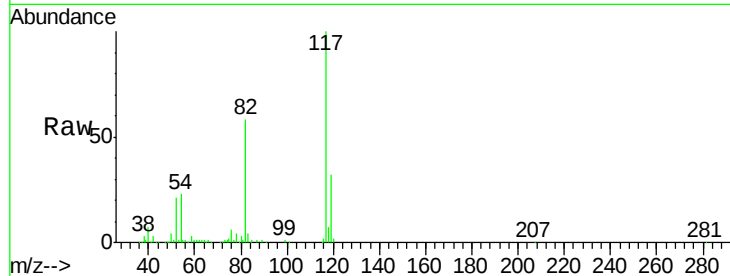




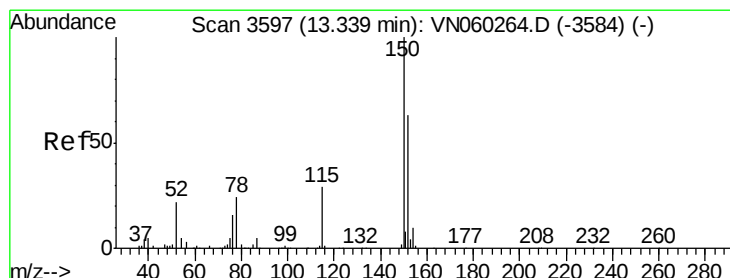
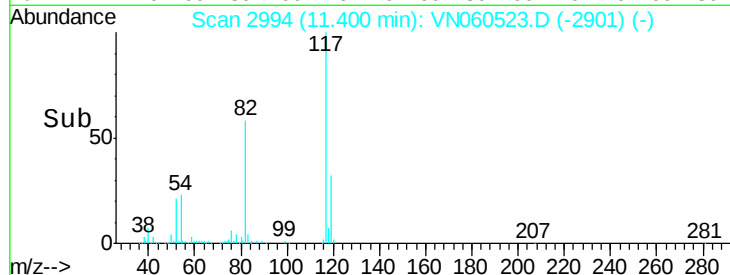
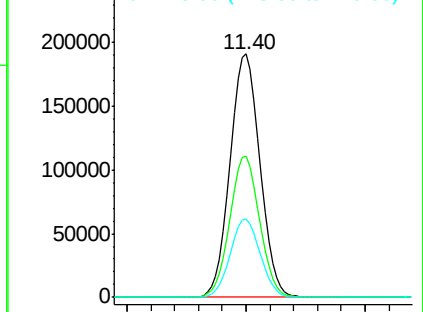
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060523.D
Acq: 16 Mar 2020 15:14

Instrument :
MSVOA_N
ClientSampled :
72-11976

Tot Ion:117 Resp: 333425
Ion Ratio Lower Upper
117 100
82 57.9 45.8 68.6
119 32.1 25.8 38.8

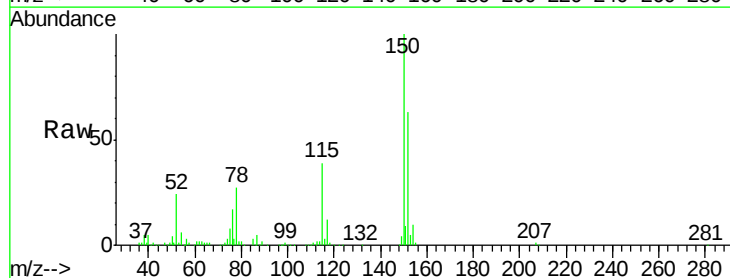


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060523.D
Acq: 16 Mar 2020 15:14

Tgt Ion:152 Resp: 149133
Ion Ratio Lower Upper
152 100
115 61.1 30.0 90.0
150 157.8 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

