

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060510.D
 Acq On : 13 Mar 2020 18:05
 Operator : JC/MD
 Sample : L1907-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-SA

Quant Time: Mar 16 09:18:59 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

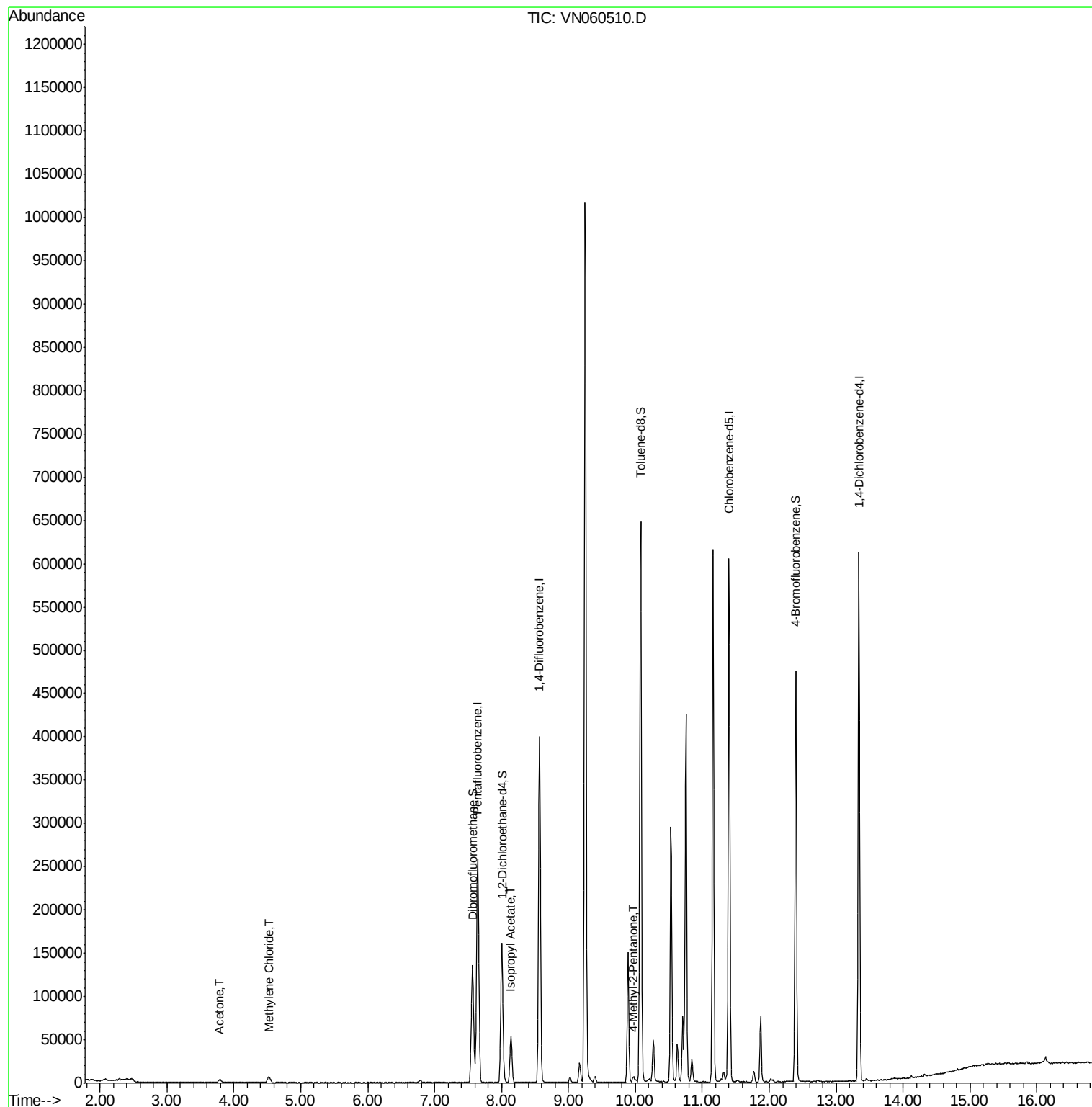
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	212677	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	356004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	340687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	158938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	139094	50.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.94%	
35) Dibromofluoromethane	7.56	113	104665	63.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.68%	
50) Toluene-d8	10.08	98	440575	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
62) 4-Bromofluorobenzene	12.40	95	166622	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
Target Compounds						
16) Acetone	3.79	43	7729	8.771	ug/l	92
20) Methylene Chloride	4.52	84	5538	2.288	ug/l	94
43) Isopropyl Acetate	8.14	43	63457	11.283	ug/l #	90
51) 4-Methyl-2-Pentanone	9.97	43	5113	1.603	ug/l	97

(#) = 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: VN060510.D

Acq: 13 Mar 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

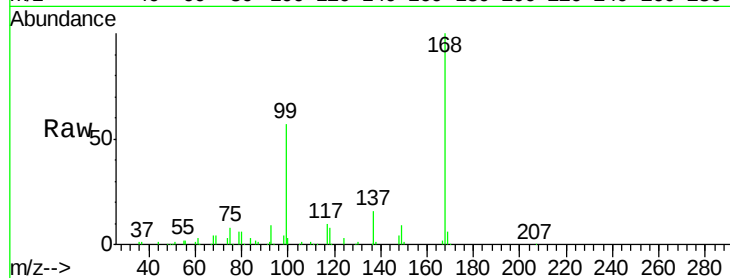
TP-6-SA

Tot Ion:168 Resp: 212677

Ion Ratio Lower Upper

168 100

99 57.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN060510.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060510.D (-1733) (-)

7.64

80000

60000

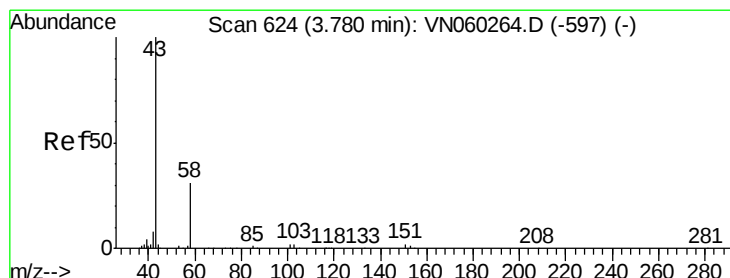
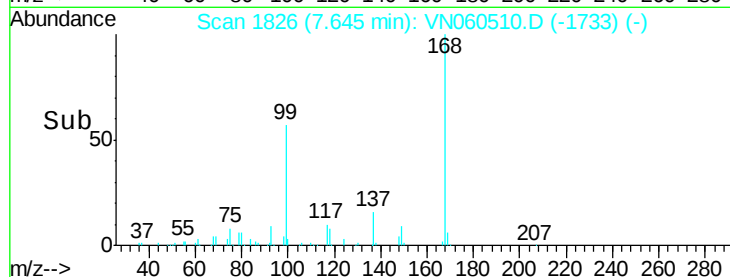
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 8.771 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060510.D

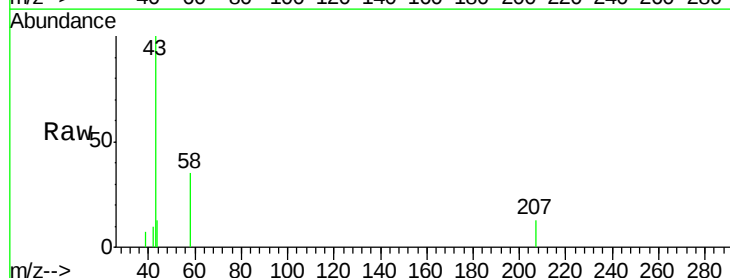
Acq: 13 Mar 2020 18:05

Tgt Ion: 43 Resp: 7729

Ion Ratio Lower Upper

43 100

58 34.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060510.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060510.D (-531) (-)

3.79

3000

2500

2000

1500

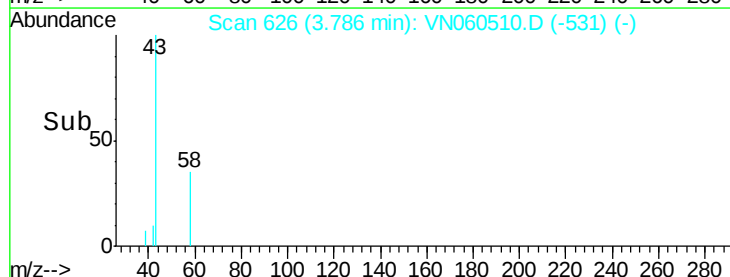
1000

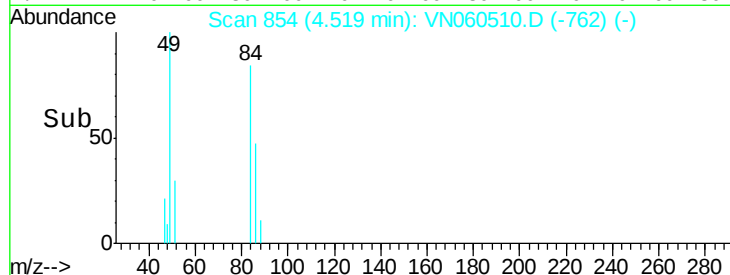
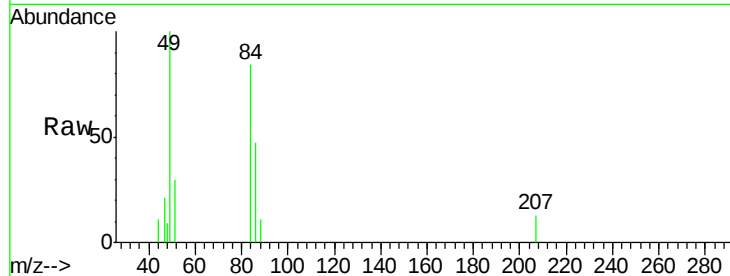
500

0

3.70 3.75 3.80 3.85

Time-->

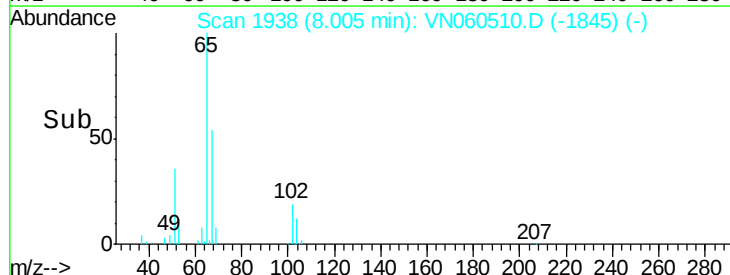
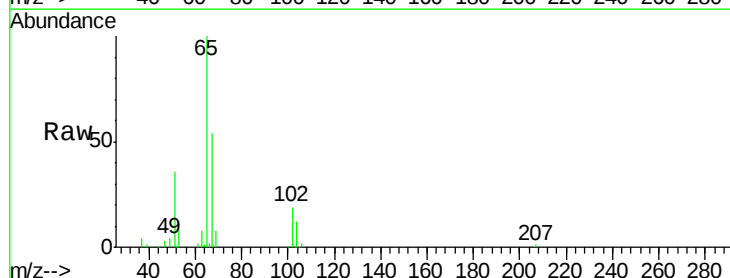
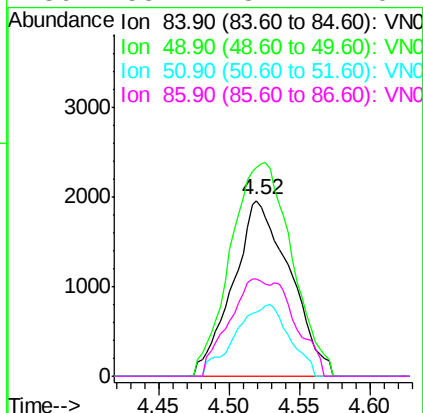




#20
Methvlene Chloride
Concen: 2.288 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060510.D
Acq: 13 Mar 2020 18:05

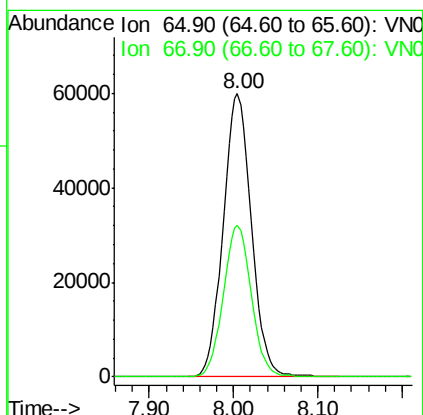
Instrument :
MSVOA_N
ClientSampled :
TP-6-SA

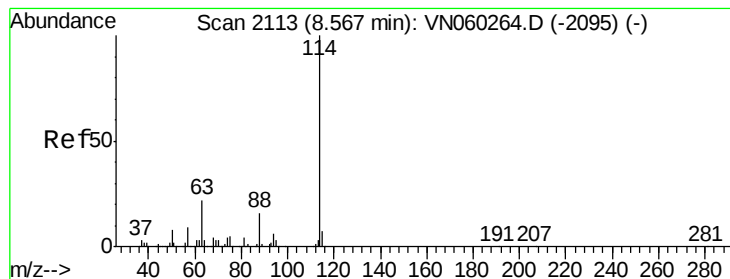
Tot Ion: 84 Resp: 5538
Ion Ratio Lower Upper
84 100
49 118.9 99.3 148.9
51 36.2 30.1 45.1
86 55.4 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 50.975 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060510.D
Acq: 13 Mar 2020 18:05

Tgt Ion: 65 Resp: 139094
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: VN060510.D

Acq: 13 Mar 2020 18:05

Instrument :

MSVOA_N

ClientSampleId :

TP-6-SA

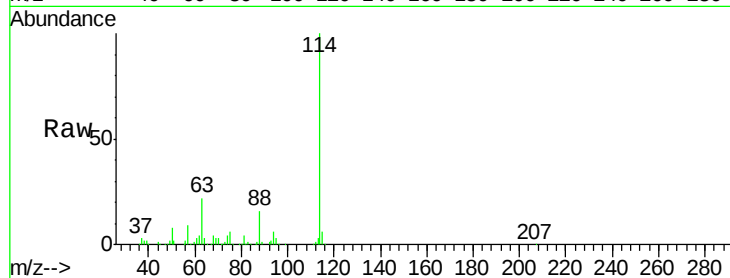
Tot Ion:114 Resp: 356004

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.2

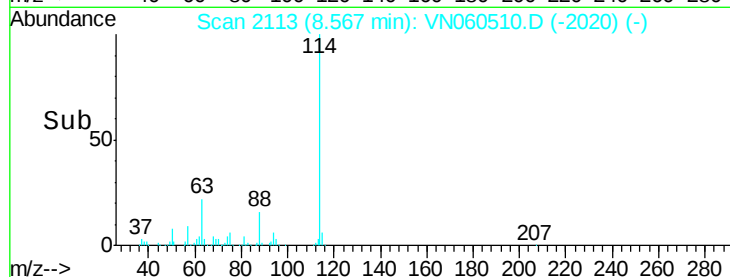
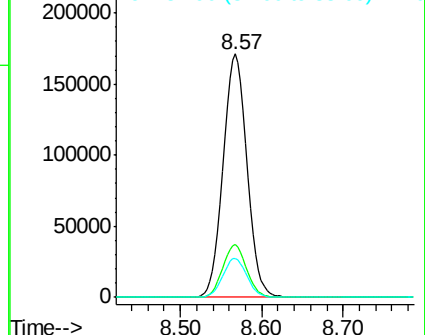
88 16.0 0.0 31.6



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: 63.339 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060510.D

Acq: 13 Mar 2020 18:05

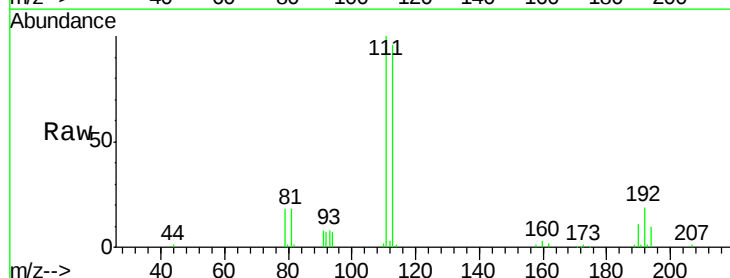
Tgt Ion:113 Resp: 104665

Ion Ratio Lower Upper

113 100

111 103.7 82.4 123.6

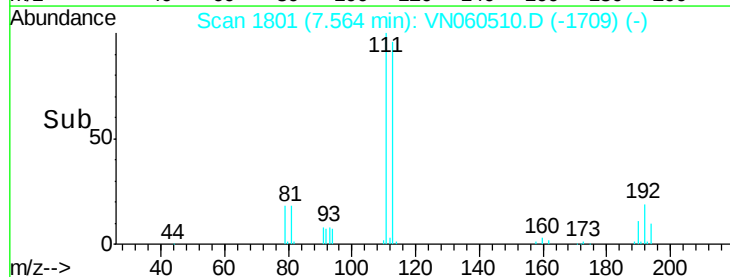
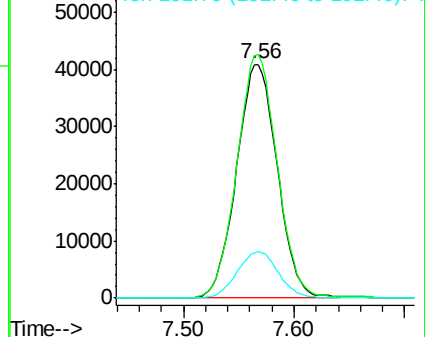
192 20.1 16.2 24.2



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



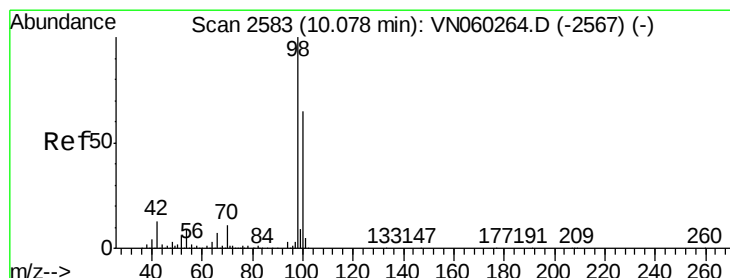
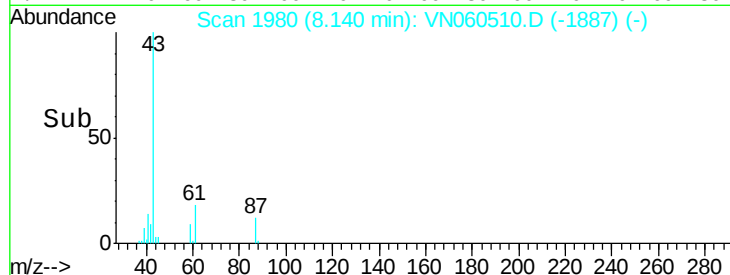
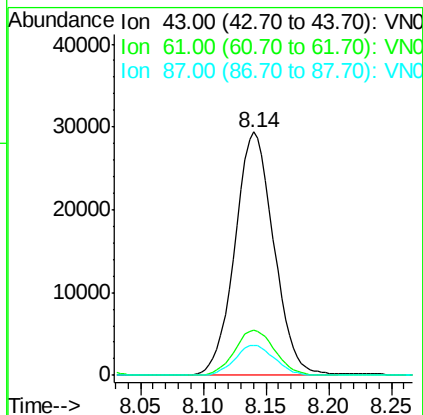
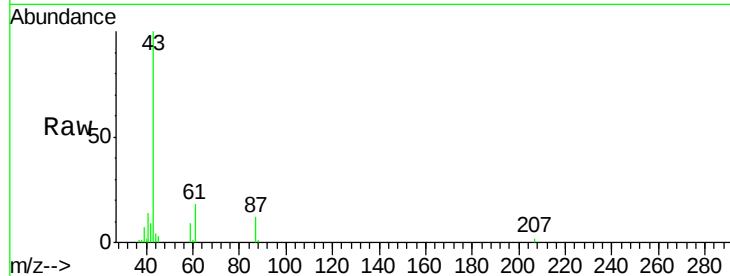


#43

Isopropyl Acetate
 Concen: 11.283 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN060510.D
 Acq: 13 Mar 2020 18:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-SA

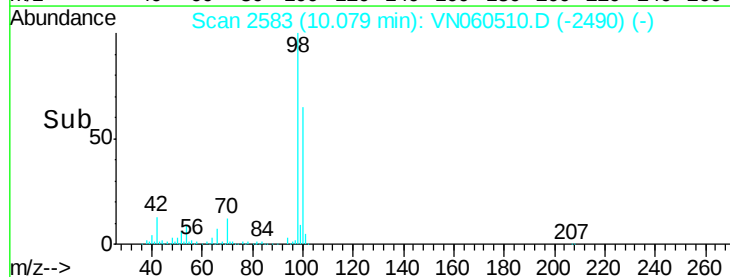
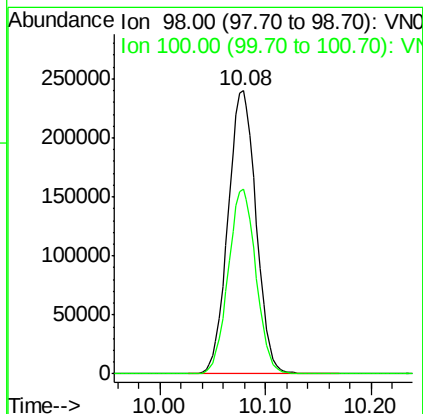
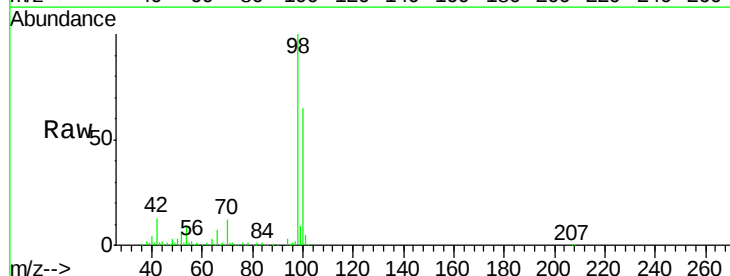
Tot Ion	43	Resp	63457
Ion Ratio	100	Lower	Upper
61	19.1	20.9	31.3#
87	12.5	10.6	16.0

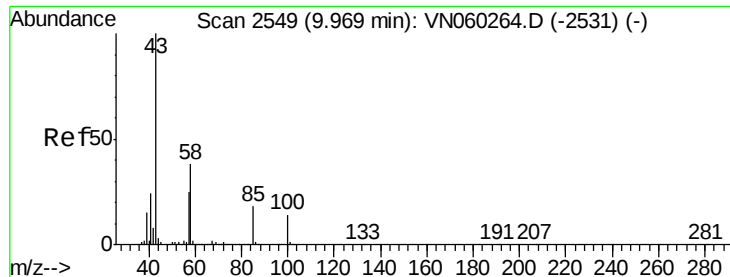


#50

Toluene-d8
 Concen: 52.680 ug/l
 RT: 10.08 min Scan# 2583
 Delta R.T. 0.00 min
 Lab File: VN060510.D
 Acq: 13 Mar 2020 18:05

Tgt Ion	98	Resp	440575
Ion Ratio	100	Lower	Upper
100	64.5	52.2	78.2

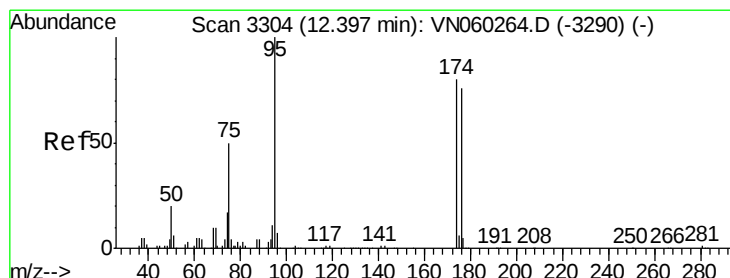
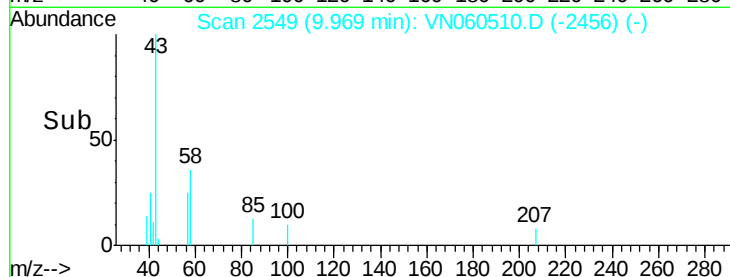
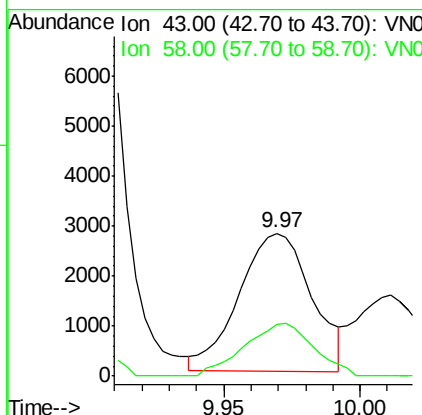
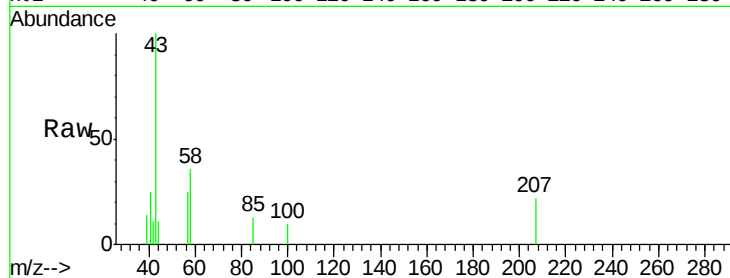




#51
 4-Methyl-2-Pentanone
 Concen: 1.603 ug/l
 RT: 9.97 min Scan# 2549
 Delta R.T. 0.00 min
 Lab File: VN060510.D
 Acq: 13 Mar 2020 18:05

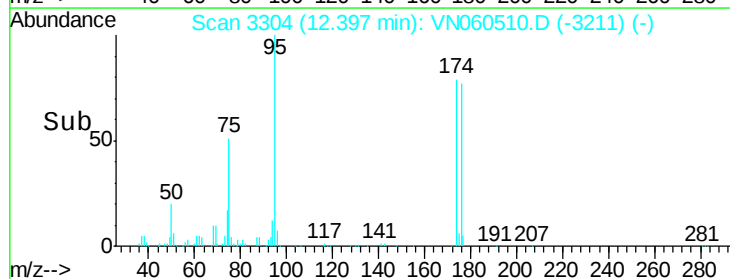
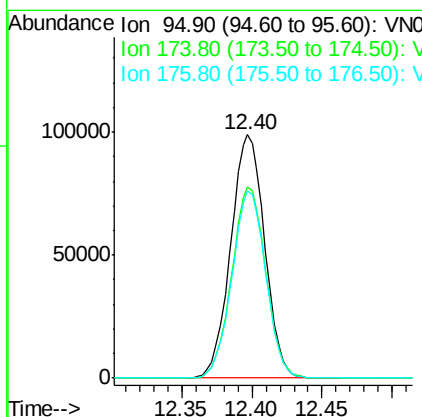
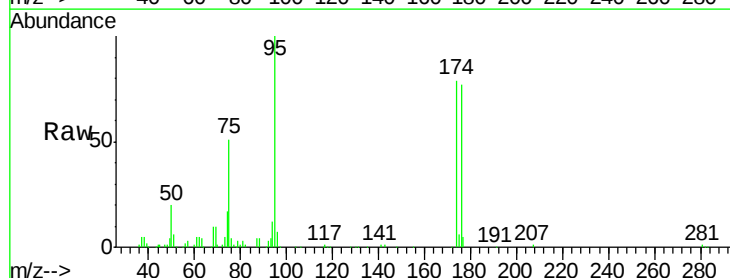
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-6-SA

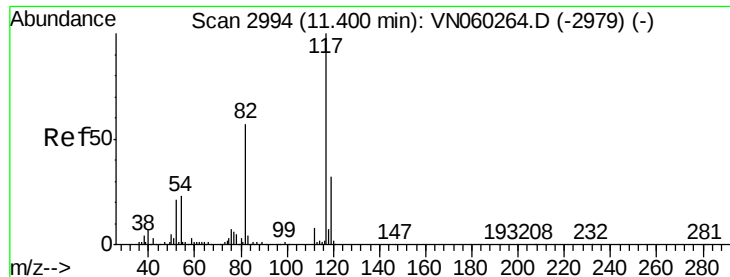
Tot Ion: 43 Resp: 5113
 Ion Ratio Lower Upper
 43 100
 58 36.6 30.9 46.3



#62
 4-Bromofluorobenzene
 Concen: 52.557 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060510.D
 Acq: 13 Mar 2020 18:05

Tgt Ion: 95 Resp: 166622
 Ion Ratio Lower Upper
 95 100
 174 78.7 0.0 159.2
 176 76.7 0.0 153.8

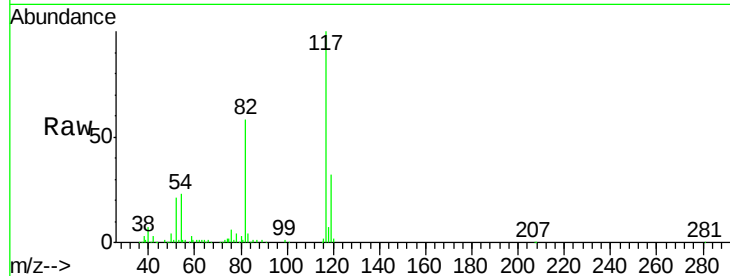




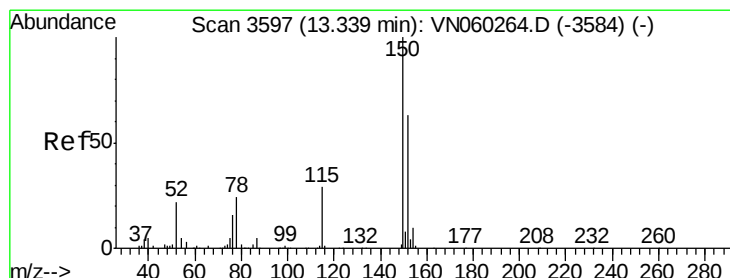
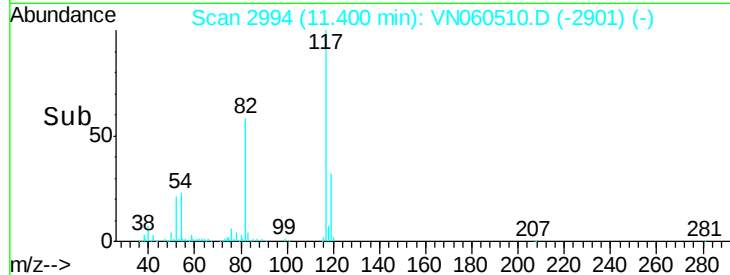
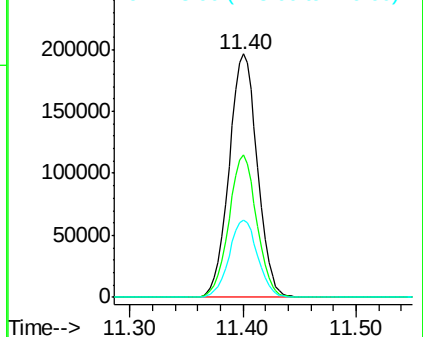
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060510.D
Acq: 13 Mar 2020 18:05

Instrument :
MSVOA_N
ClientSampled :
TP-6-SA

Tot Ion:117 Resp: 340687
Ion Ratio Lower Upper
117 100
82 58.3 45.8 68.6
119 31.7 25.8 38.8

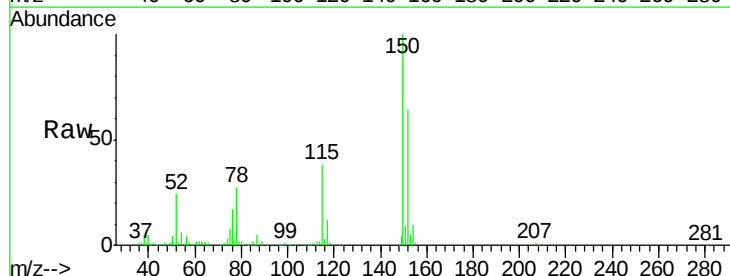


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060510.D
Acq: 13 Mar 2020 18:05

Tgt Ion:152 Resp: 158938
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 157.5 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

