

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060524.D
 Acq On : 16 Mar 2020 15:37
 Operator : JC/MD
 Sample : L1942-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10-SA

Quant Time: Mar 17 09:25:49 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

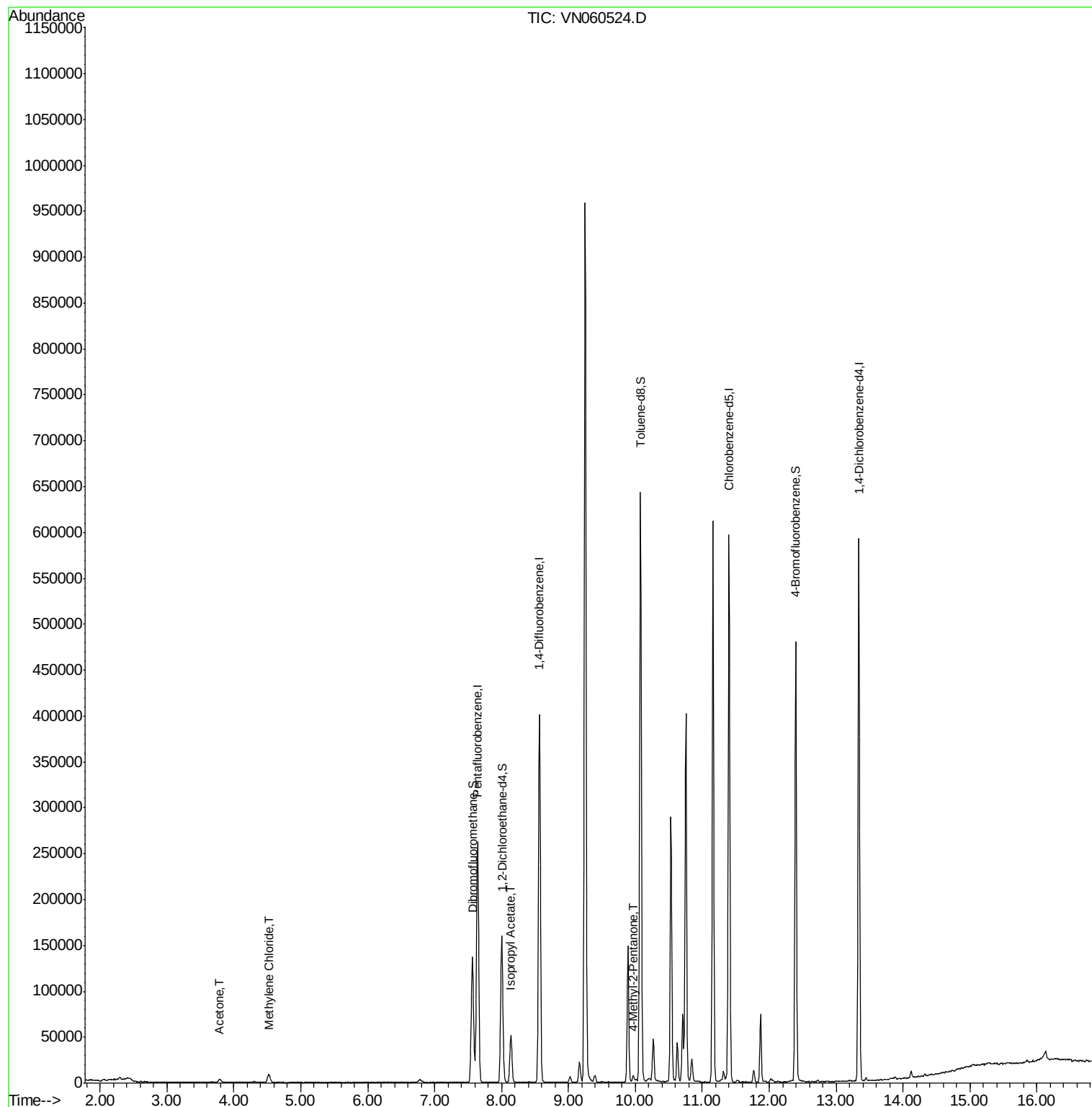
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	215976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	358870	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	338262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	154866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	140581	50.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.46%	
35) Dibromofluoromethane	7.56	113	105268	63.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.40%	
50) Toluene-d8	10.08	98	442858	52.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	166054	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
Target Compounds						
16) Acetone	3.78	43	7226	8.075	ug/l	92
20) Methylene Chloride	4.52	84	6945	2.826	ug/l	98
43) Isopropyl Acetate	8.14	43	63586	11.215	ug/l #	89
51) 4-Methyl-2-Pentanone	9.97	43	4461	1.388	ug/l	97

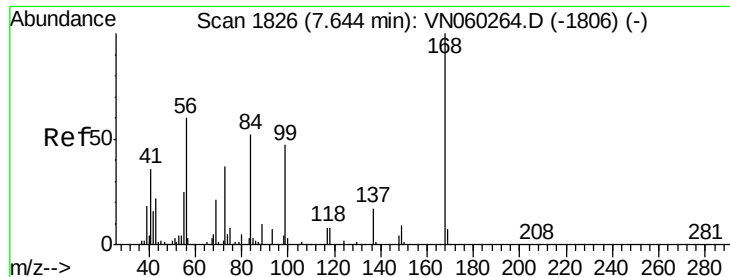
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060524.D

Acq: 16 Mar 2020 15:37

Instrument :

MSVOA_N

ClientSampled :

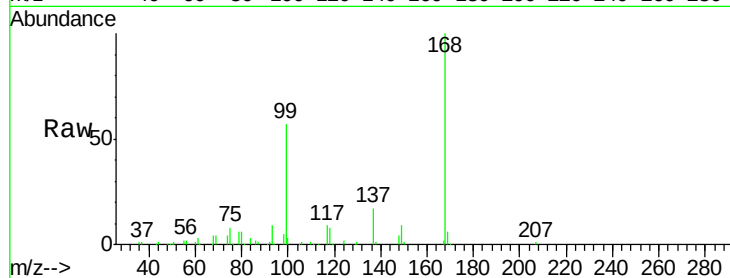
TP-10-SA

Tot Ion:168 Resp: 215976

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): VN

7.64

80000

60000

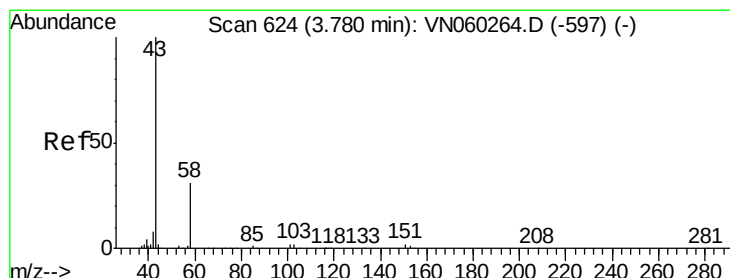
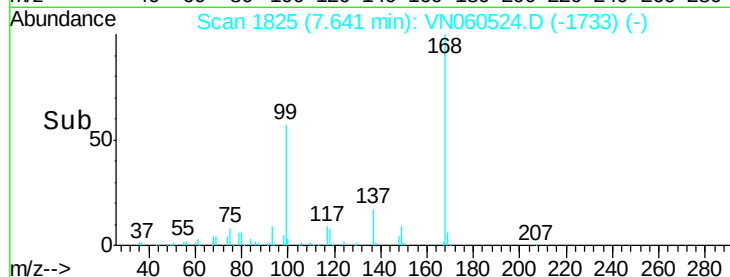
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 8.075 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060524.D

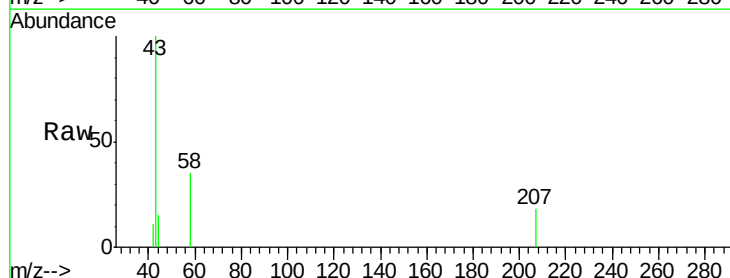
Acq: 16 Mar 2020 15:37

Tgt Ion: 43 Resp: 7226

Ion Ratio Lower Upper

43 100

58 34.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.78

2500

2000

1500

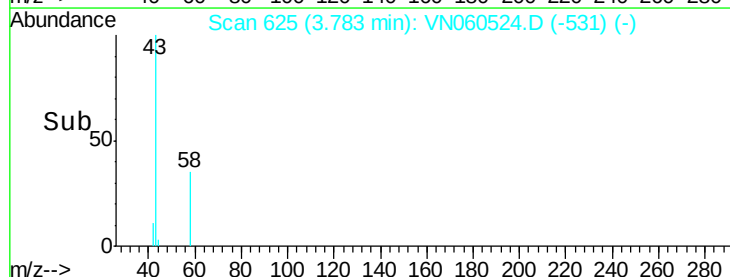
1000

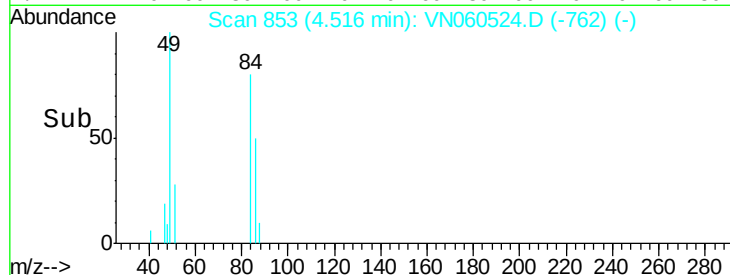
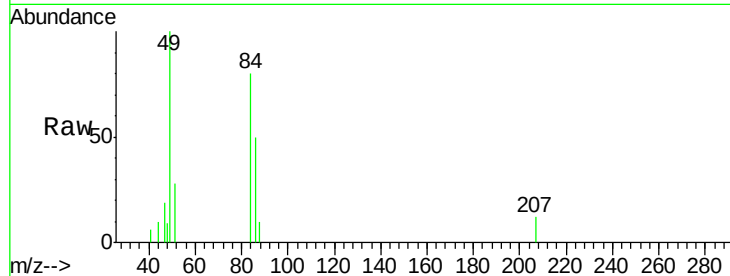
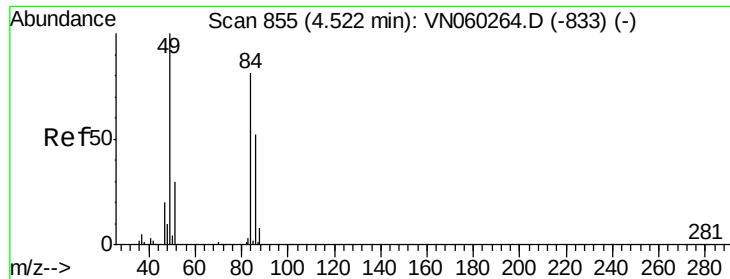
500

0

3.70 3.75 3.80 3.85

Time-->

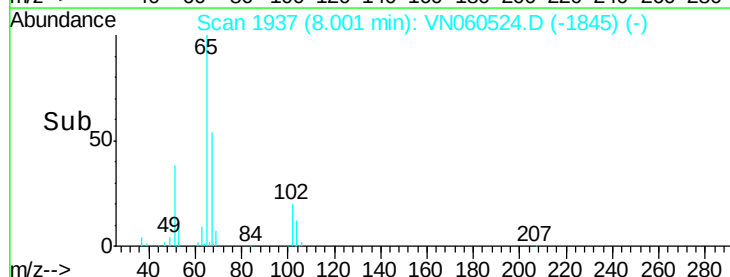
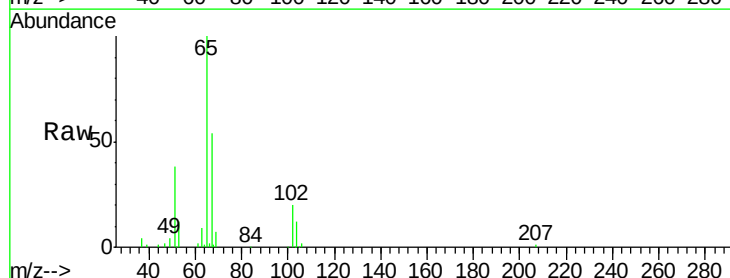
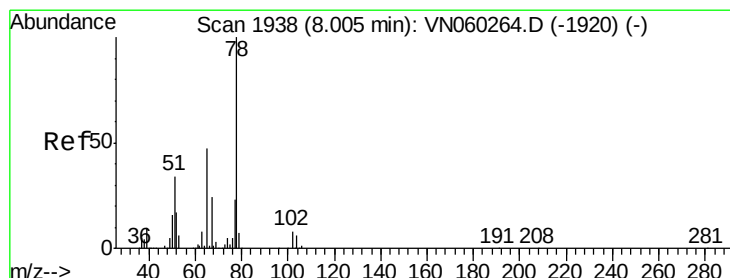
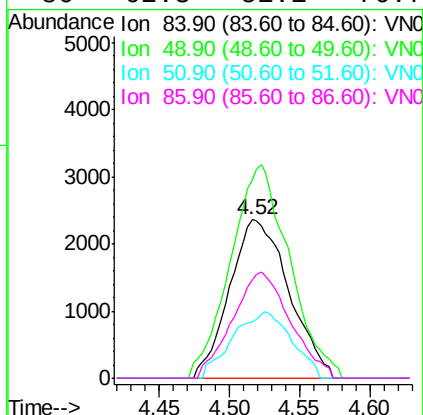




#20
Methylene Chloride
Concen: 2.826 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060524.D
Acq: 16 Mar 2020 15:37

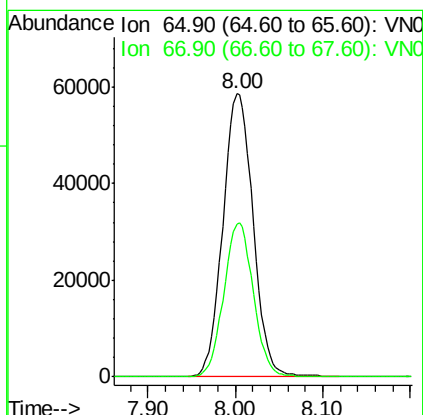
Instrument :
MSVOA_N
ClientSampleId :
TP-10-SA

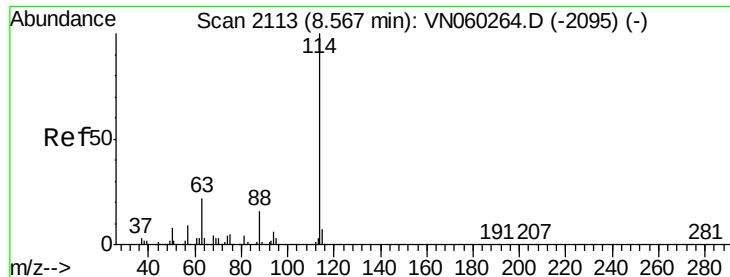
Tot Ion:	84	Resp:	6945
Ion	Ratio	Lower	Upper
84	100		
49	125.7	99.3	148.9
51	35.6	30.1	45.1
86	62.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.733 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060524.D
Acq: 16 Mar 2020 15:37

Tgt Ion:	65	Resp:	140581
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	103.8

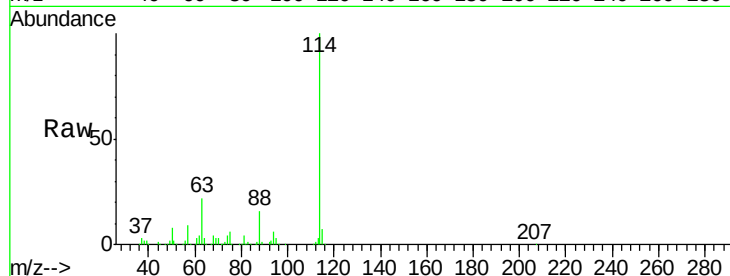




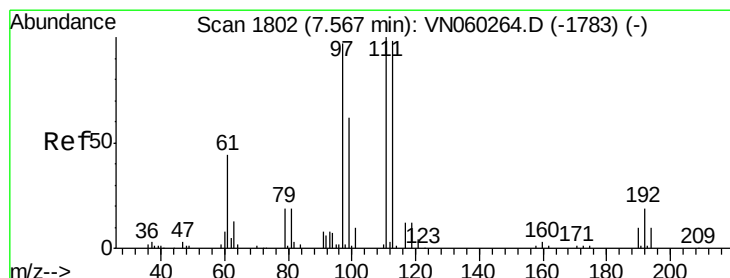
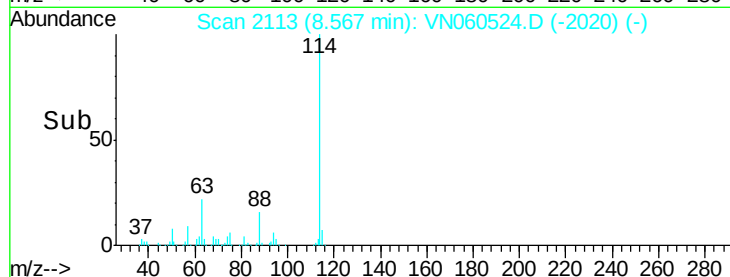
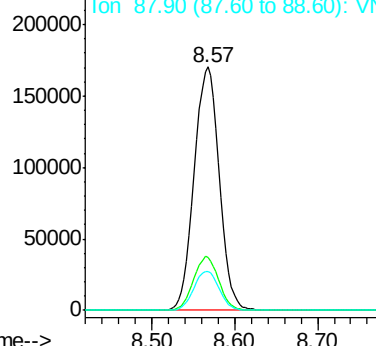
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060524.D
 Acq: 16 Mar 2020 15:37

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-10-SA

Tot Ion:114 Resp: 358870
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.1 0.0 31.6

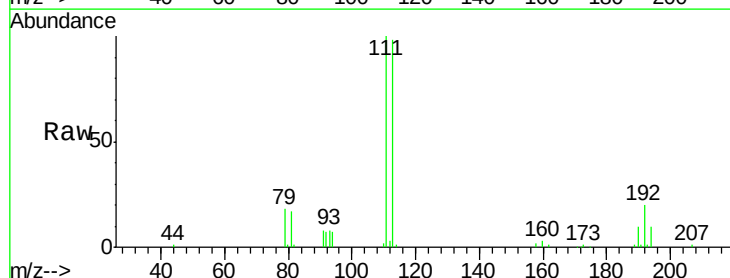


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

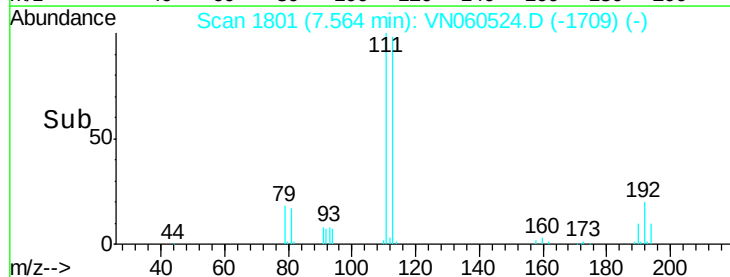
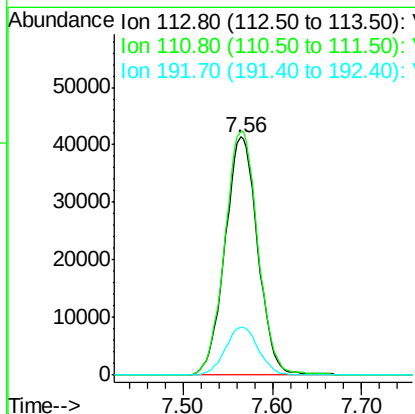


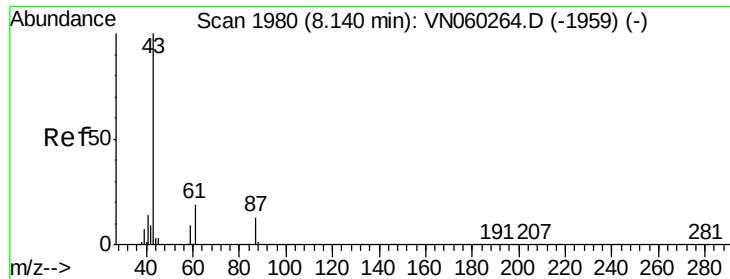
#35
 Dibromofluoromethane
 Concen: 63.195 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060524.D
 Acq: 16 Mar 2020 15:37

Tgt Ion:113 Resp: 105268
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.4 123.6
 192 20.3 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: 11.215 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060524.D

Acq: 16 Mar 2020 15:37

Instrument :

MSVOA_N

ClientSampleId :

TP-10-SA

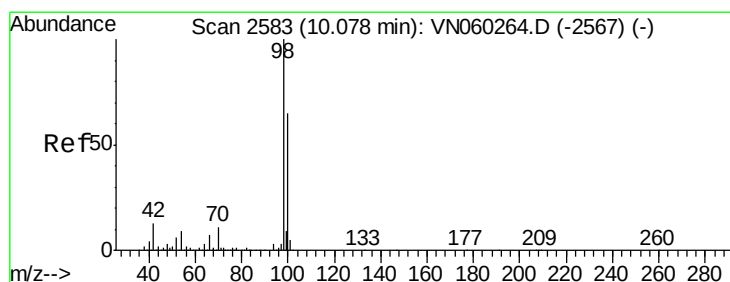
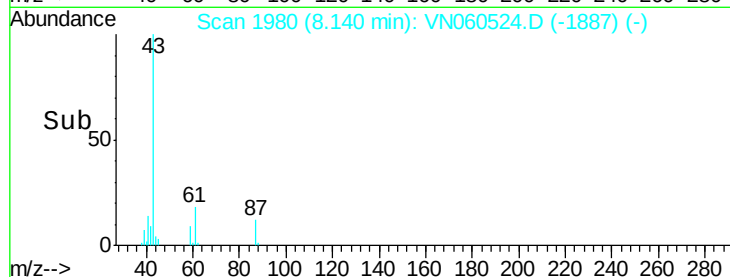
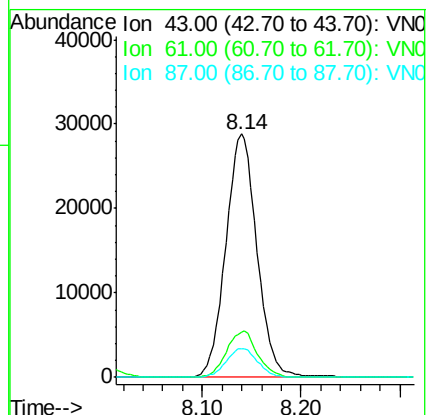
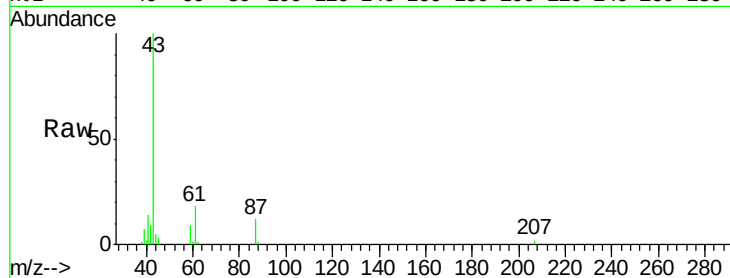
Tot Ion: 43 Resp: 63586

Ion Ratio Lower Upper

43 100

61 18.7 20.9 31.3#

87 11.9 10.6 16.0



#50

Toluene-d8

Concen: 52.530 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060524.D

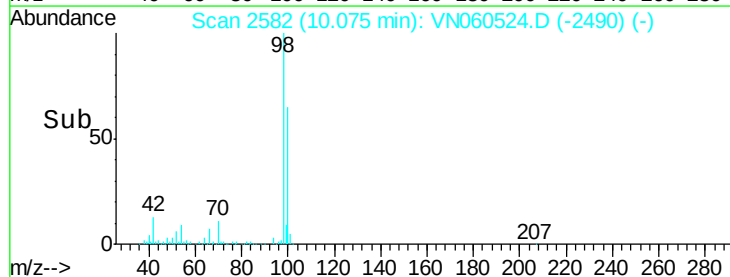
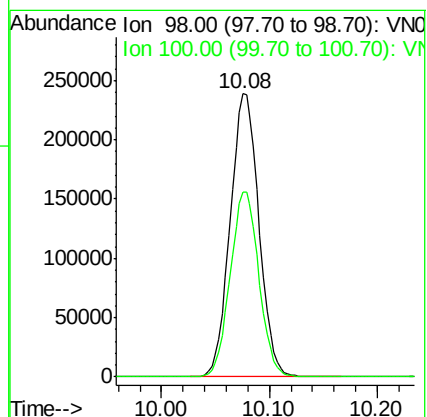
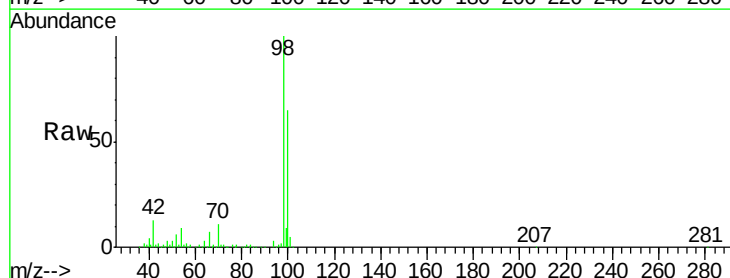
Acq: 16 Mar 2020 15:37

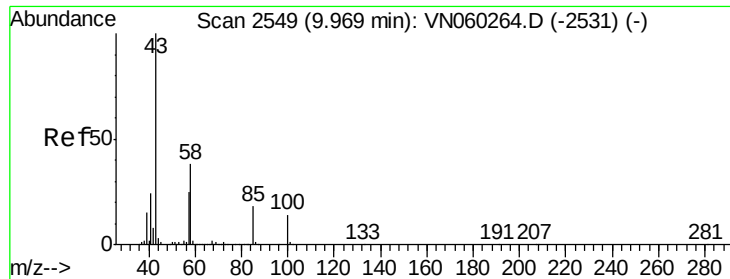
Tgt Ion: 98 Resp: 442858

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2

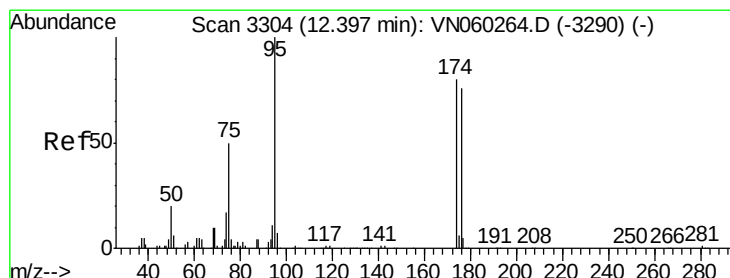
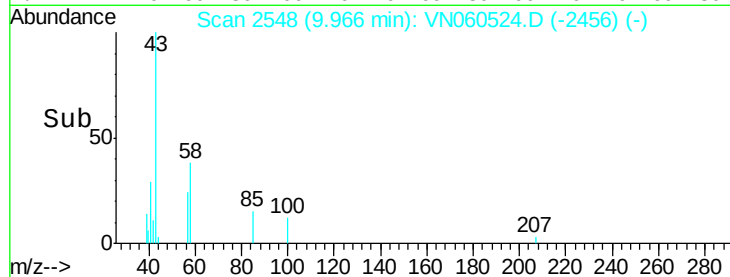
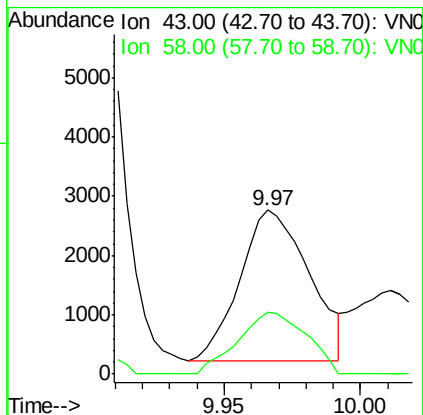
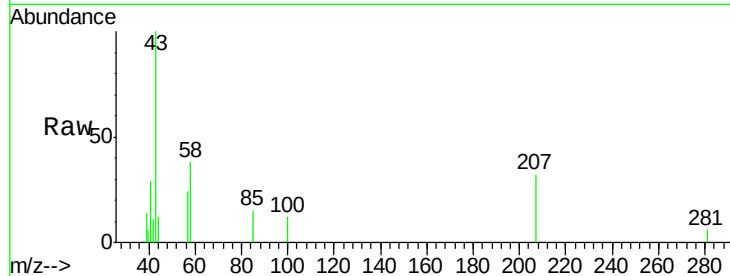




#51
 4-Methyl-2-Pentanone
 Concen: 1.388 ug/l
 RT: 9.97 min Scan# 2548
 Delta R.T. -0.00 min
 Lab File: VN060524.D
 Acq: 16 Mar 2020 15:37

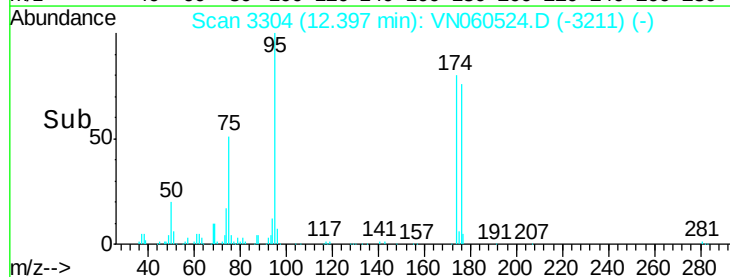
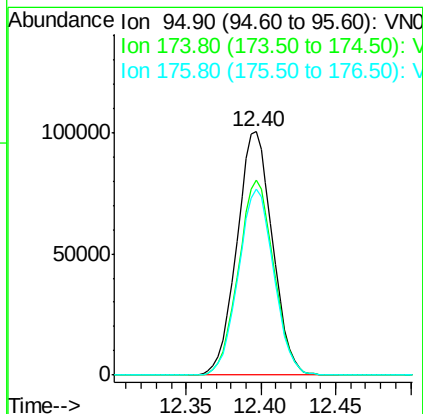
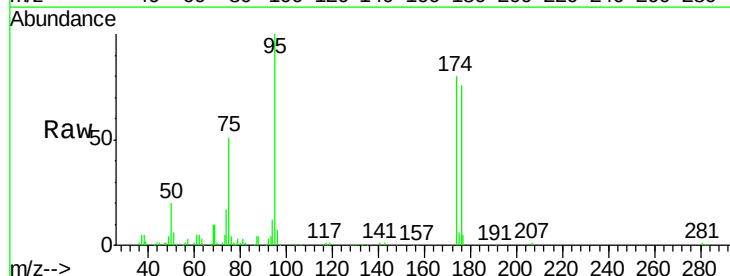
Instrument :
 MSVOA_N
 ClientSampled :
 TP-10-SA

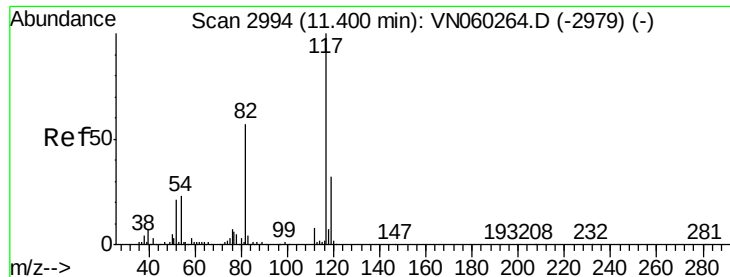
Tot Ion: 43 Resp: 4461
 Ion Ratio Lower Upper
 43 100
 58 40.7 30.9 46.3



#62
 4-Bromofluorobenzene
 Concen: 51.959 ug/l
 RT: 12.40 min Scan# 3304
 Delta R.T. 0.00 min
 Lab File: VN060524.D
 Acq: 16 Mar 2020 15:37

Tgt Ion: 95 Resp: 166054
 Ion Ratio Lower Upper
 95 100
 174 79.6 0.0 159.2
 176 76.1 0.0 153.8

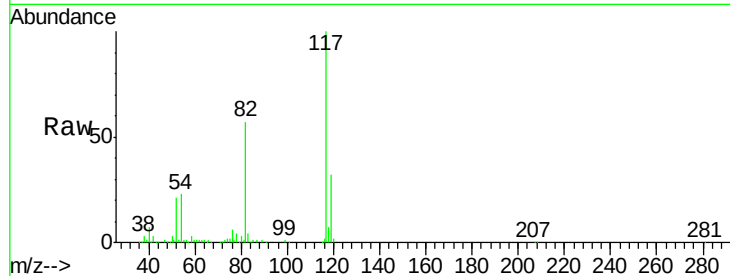




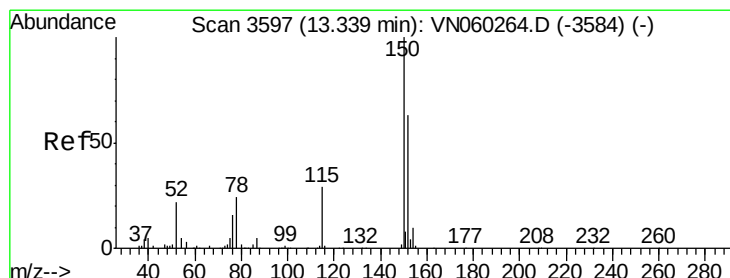
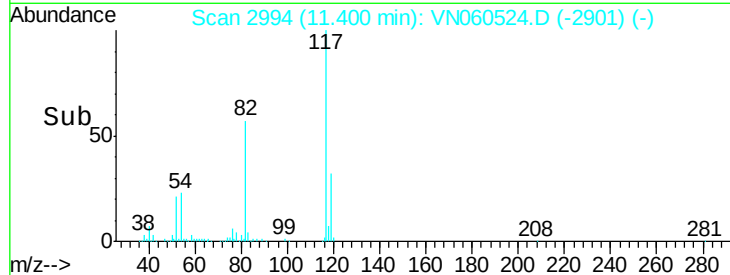
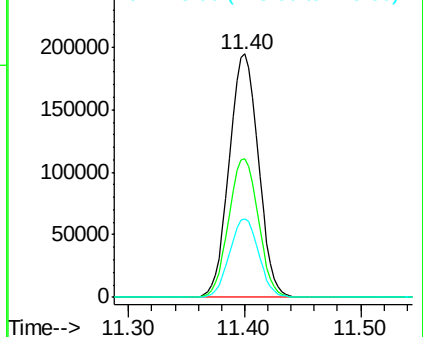
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060524.D
Acq: 16 Mar 2020 15:37

Instrument :
MSVOA_N
ClientSampled :
TP-10-SA

Tot Ion:117 Resp: 338262
Ion Ratio Lower Upper
117 100
82 57.2 45.8 68.6
119 32.5 25.8 38.8

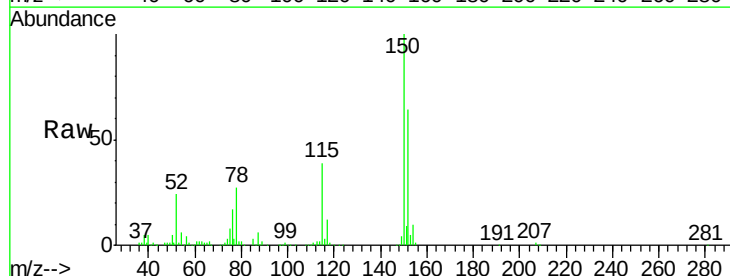


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060524.D
Acq: 16 Mar 2020 15:37

Tgt Ion:152 Resp: 154866
Ion Ratio Lower Upper
152 100
115 59.9 30.0 90.0
150 156.6 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

