

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060342.D
 Acq On : 4 Mar 2020 12:47
 Operator : JC/MD
 Sample : PB127249TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127249TB

Quant Time: Mar 05 06:09:27 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

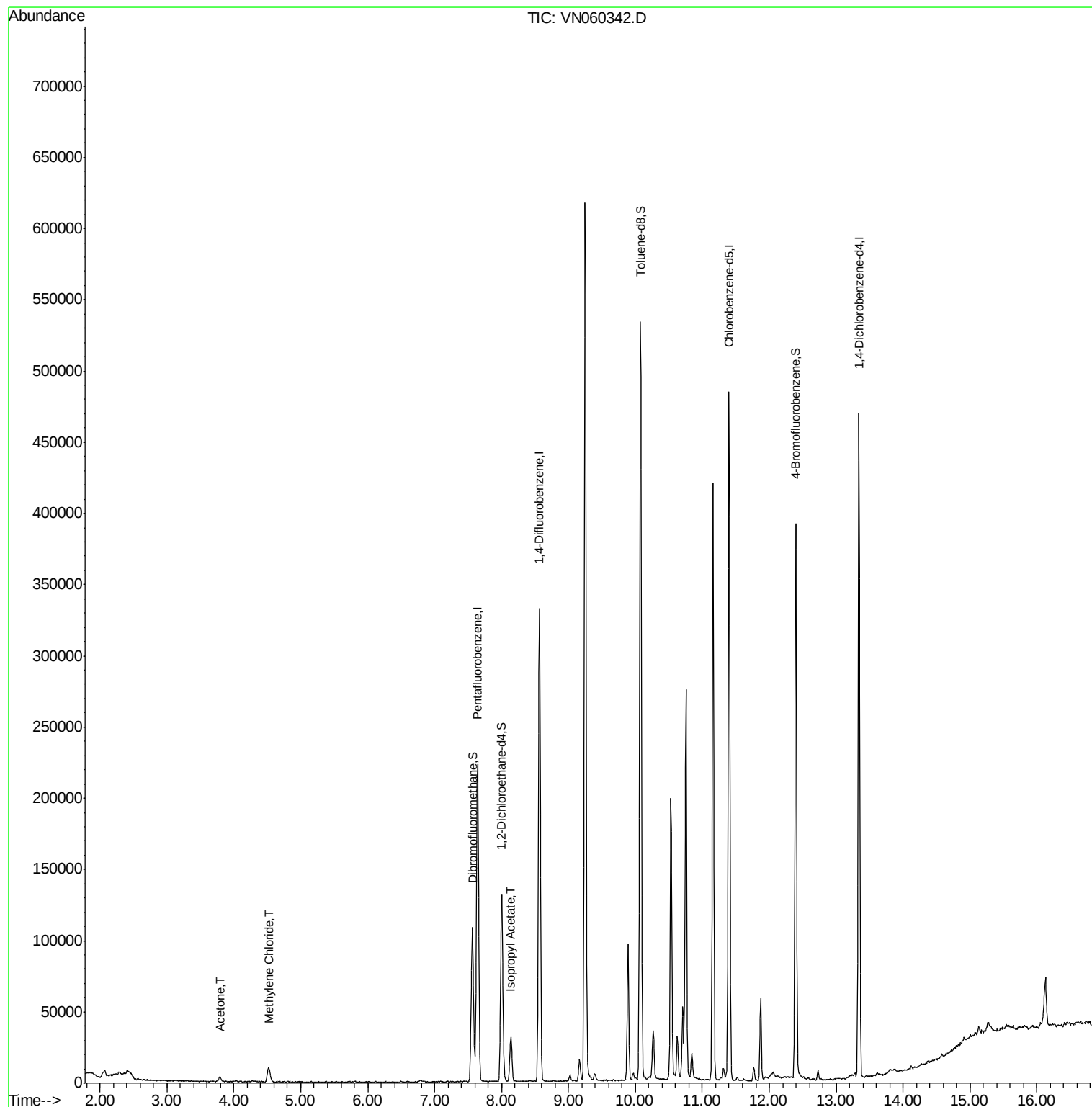
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	296241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	272675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	123279	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	116013	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
35) Dibromofluoromethane	7.56	113	80905	58.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.68%	
50) Toluene-d8	10.08	98	365044	52.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.90%	
62) 4-Bromofluorobenzene	12.40	95	133417	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
Target Compounds						
16) Acetone	3.79	43	5748	7.601	ug/l	90
20) Methylene Chloride	4.52	84	7974	3.839	ug/l	95
43) Isopropyl Acetate	8.14	43	38262	8.175	ug/l #	91

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

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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: VN060342.D

Acq: 4 Mar 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

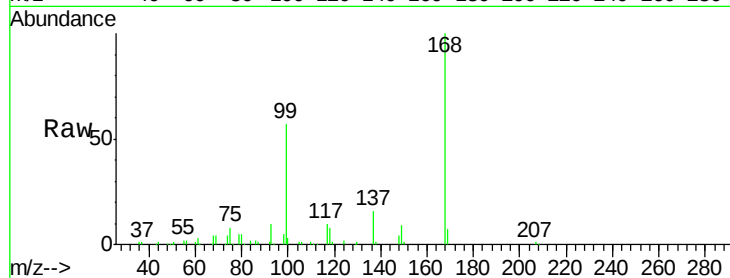
PB127249TB

Tot Ion:168 Resp: 182523

Ion Ratio Lower Upper

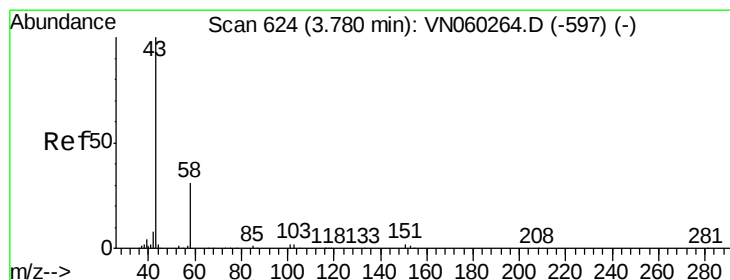
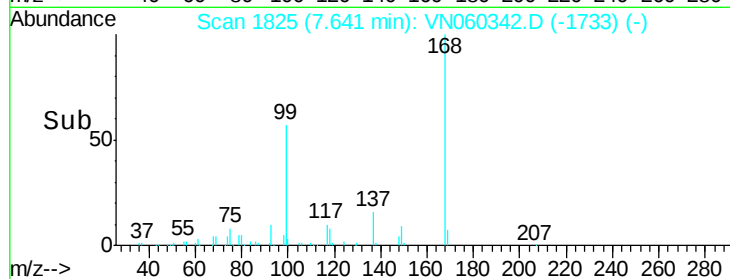
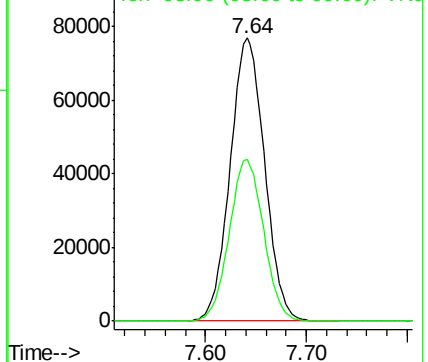
168 100

99 57.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.601 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060342.D

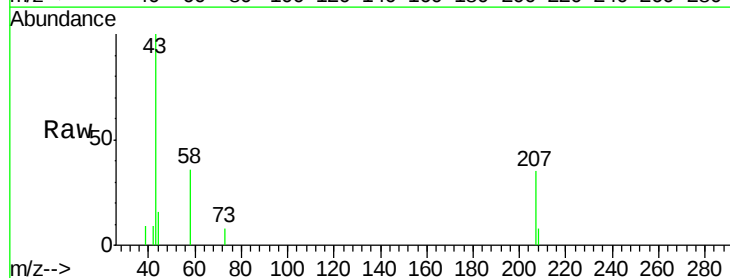
Acq: 4 Mar 2020 12:47

Tgt Ion: 43 Resp: 5748

Ion Ratio Lower Upper

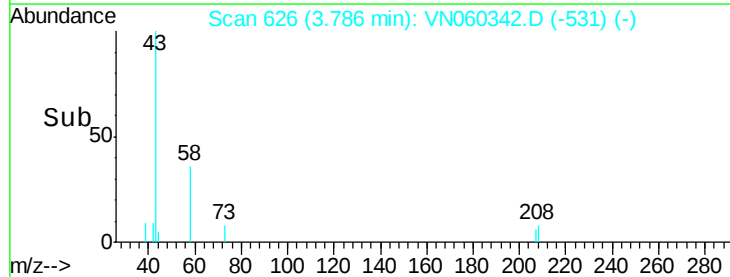
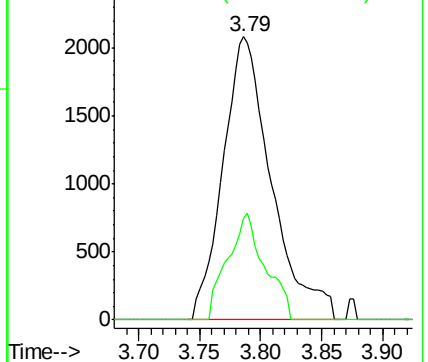
43 100

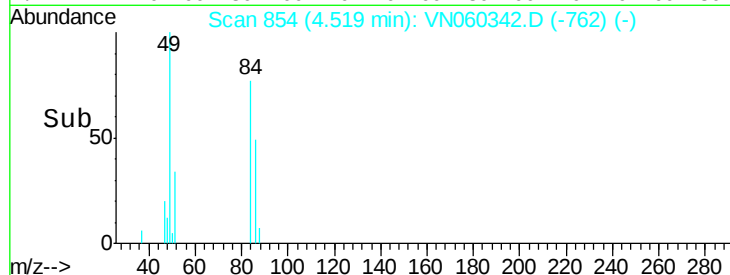
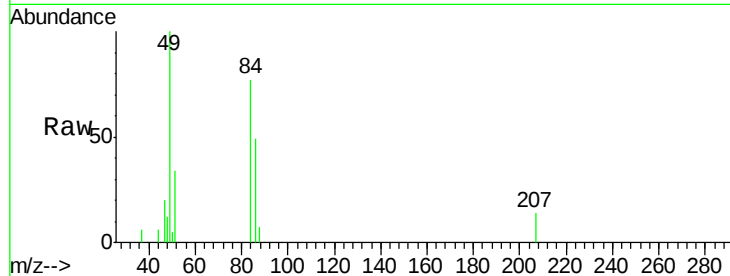
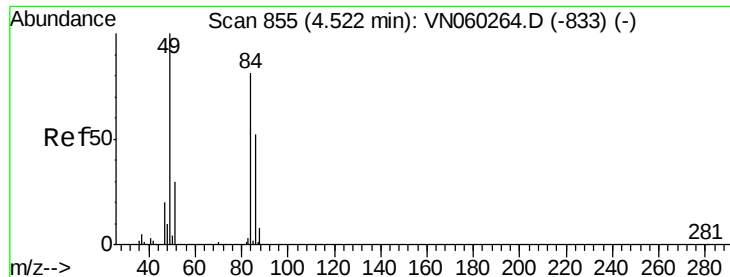
58 35.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

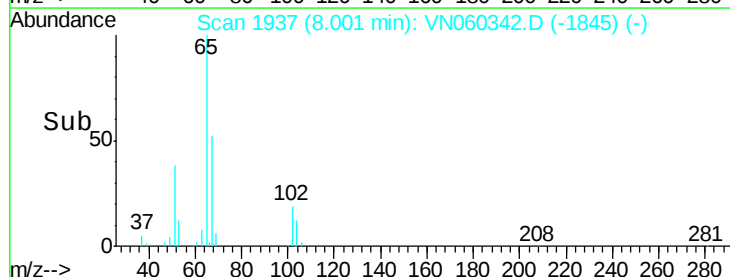
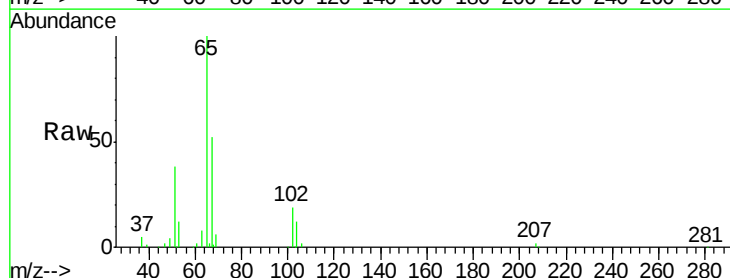
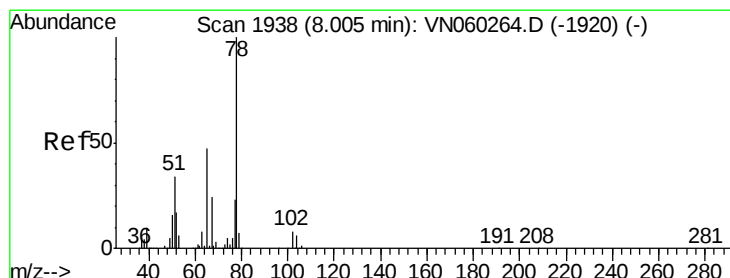
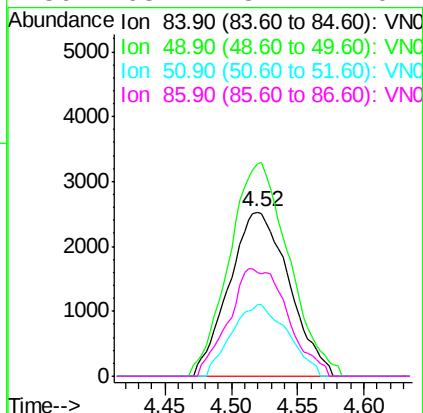




#20
Methylene Chloride
Concen: 3.839 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060342.D
Acq: 4 Mar 2020 12:47

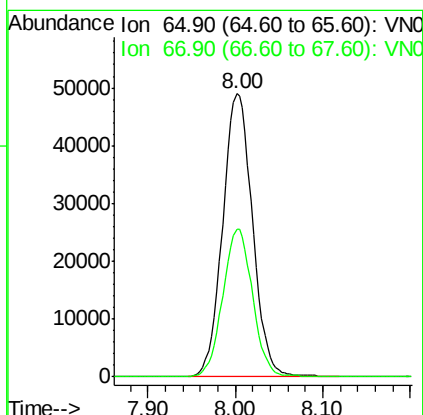
Instrument :
MSVOA_N
ClientSampled :
PB127249TB

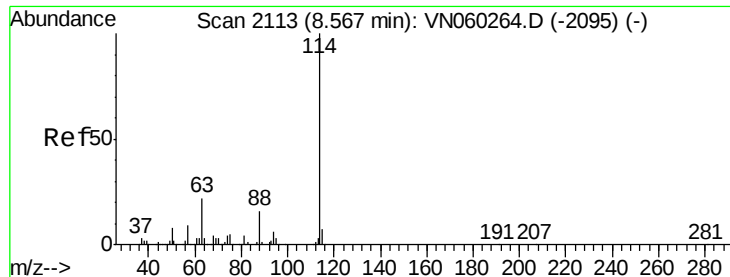
Tot Ion:	84	Resp:	7974
Ion	Ratio	Lower	Upper
84	100		
49	129.6	99.3	148.9
51	43.6	30.1	45.1
86	63.2	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.540 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060342.D
Acq: 4 Mar 2020 12:47

Tgt Ion:	65	Resp:	116013
Ion	Ratio	Lower	Upper
65	100		
67	52.0	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: VN060342.D

Acq: 4 Mar 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

PB127249TB

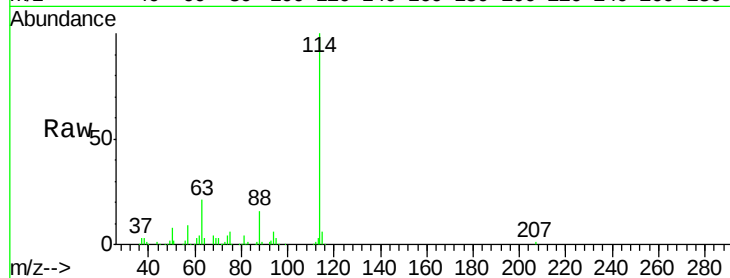
Tot Ion:114 Resp: 296241

Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.2

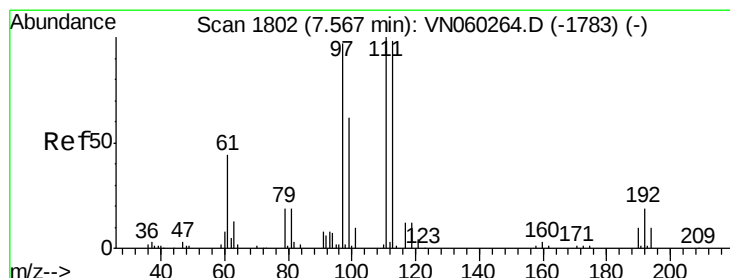
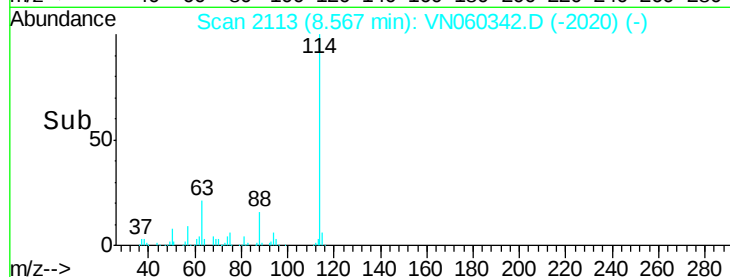
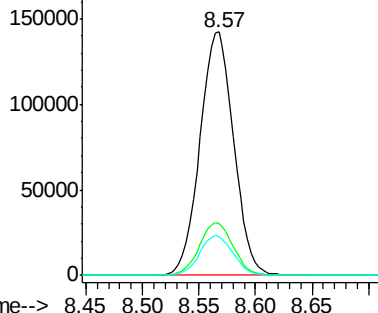
88 16.1 0.0 31.6



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: 58.838 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060342.D

Acq: 4 Mar 2020 12:47

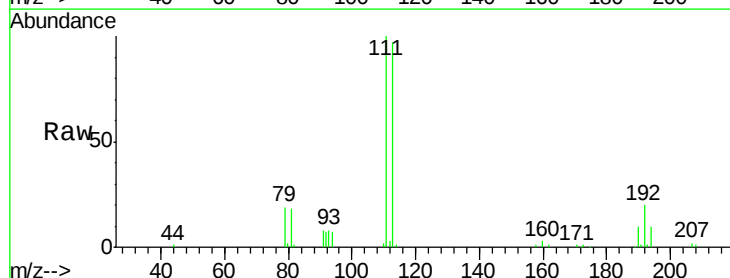
Tgt Ion:113 Resp: 80905

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

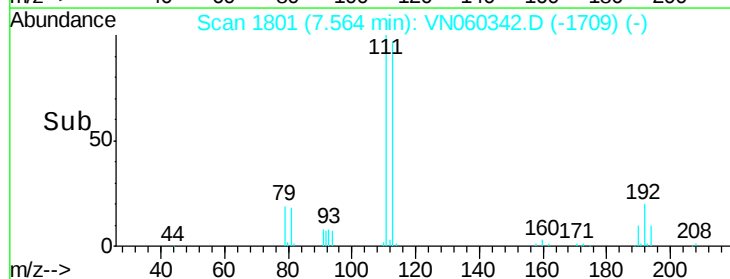
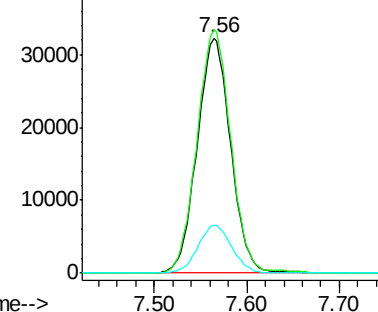
192 20.5 16.2 24.2

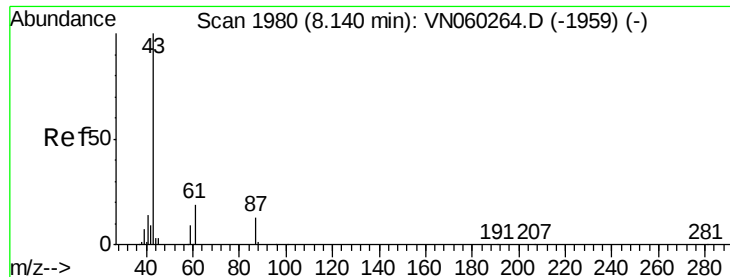


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.175 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060342.D

Acq: 4 Mar 2020 12:47

Instrument :

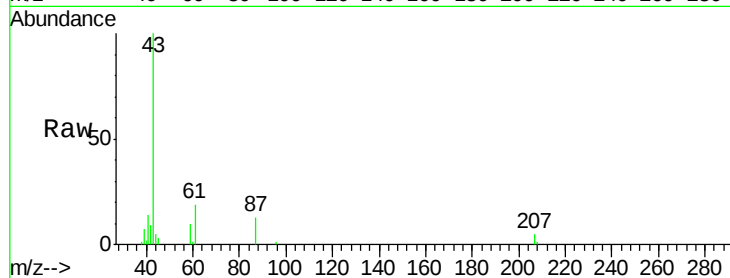
MSVOA_N

ClientSampleId :

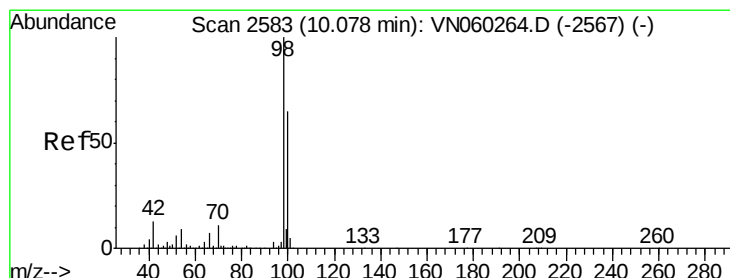
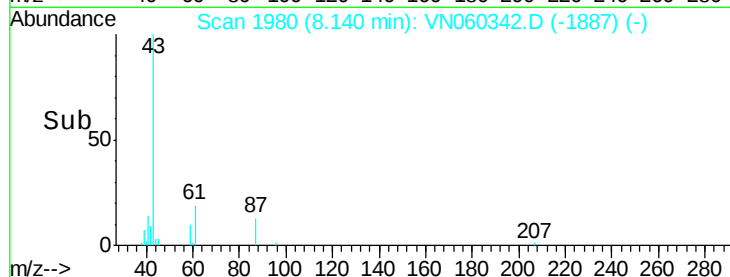
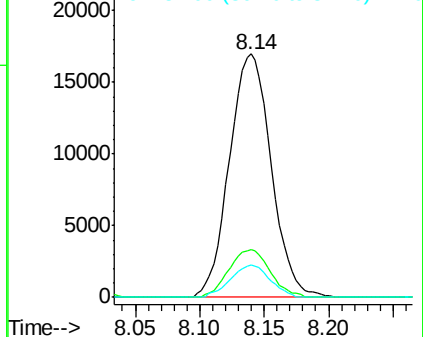
PB127249TB

Tot Ion: 43 Resp: 38262

Ion	Ratio	Lower	Upper
43	100		
61	19.4	20.9	31.3#
87	12.5	10.6	16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060342.D (-1887) (-)



#50

Toluene-d8

Concen: 52.454 ug/l

RT: 10.08 min Scan# 2582

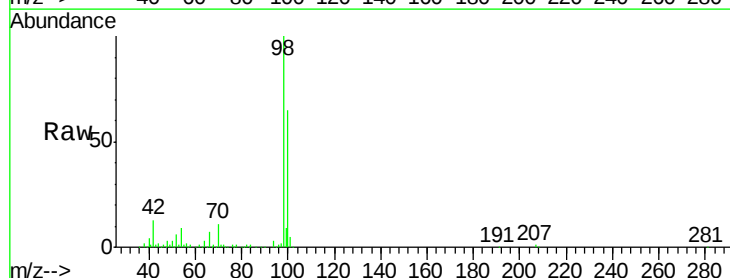
Delta R.T. -0.00 min

Lab File: VN060342.D

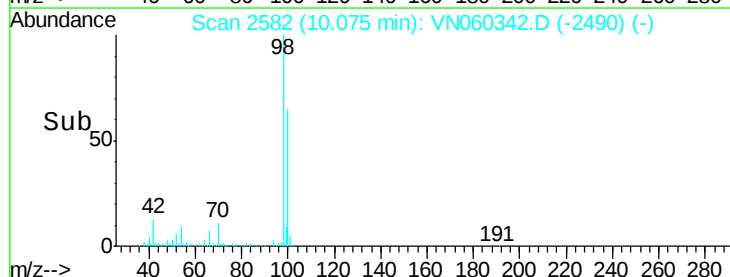
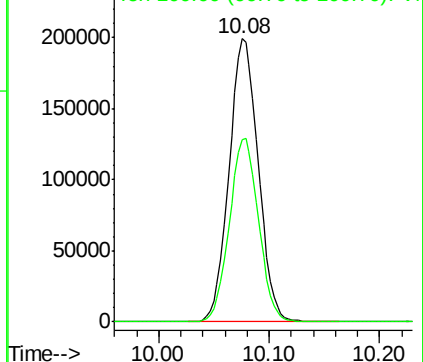
Acq: 4 Mar 2020 12:47

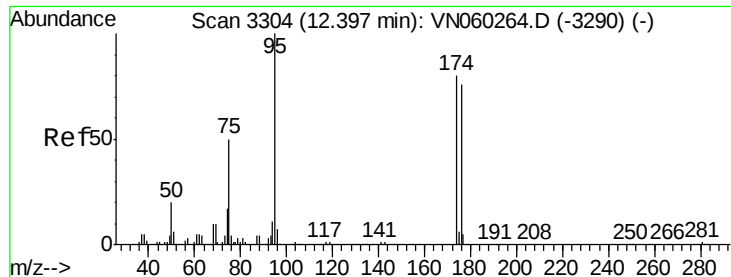
Tgt Ion: 98 Resp: 365044

Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.2	78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060342.D (-2490) (-)

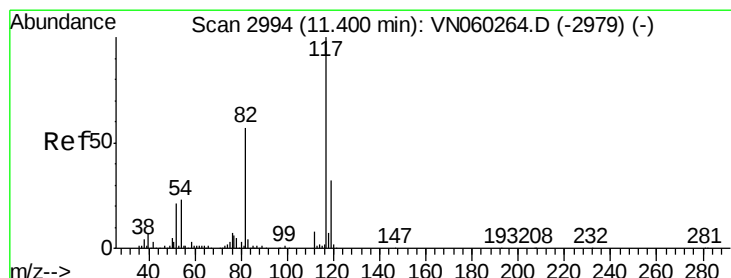
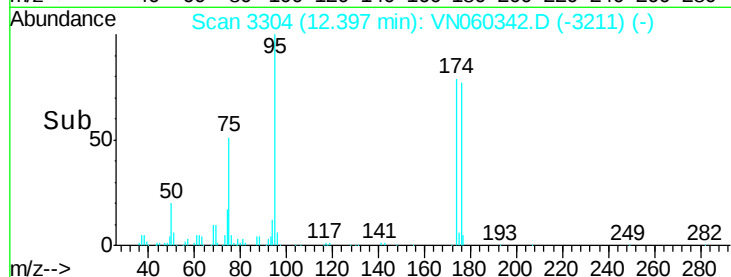
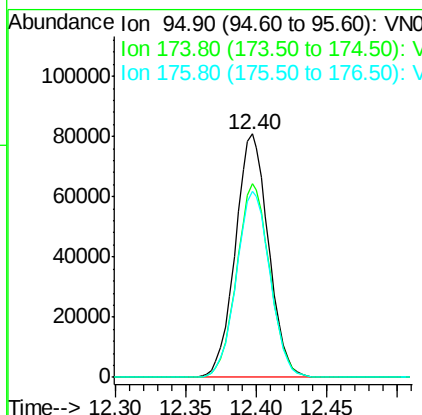
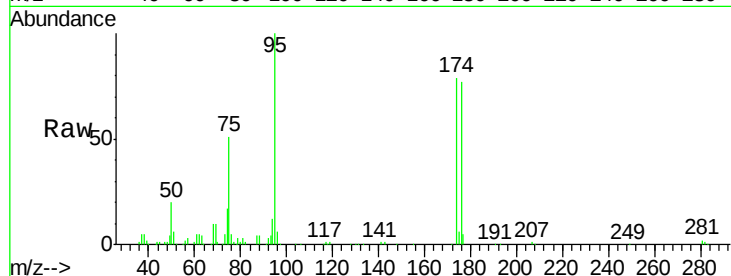




#62
4-Bromofluorobenzene
Concen: 50.573 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060342.D
Acq: 4 Mar 2020 12:47

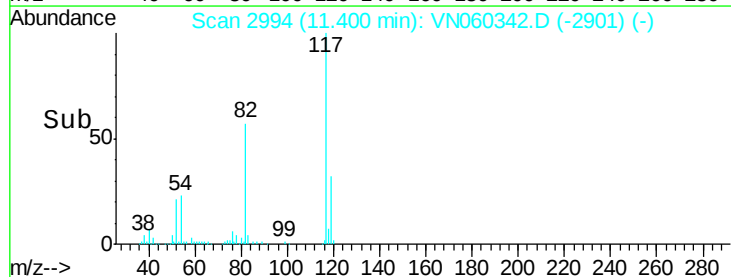
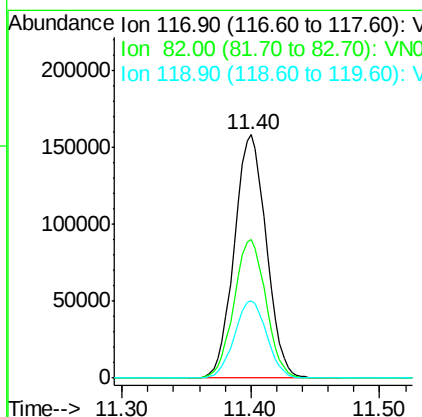
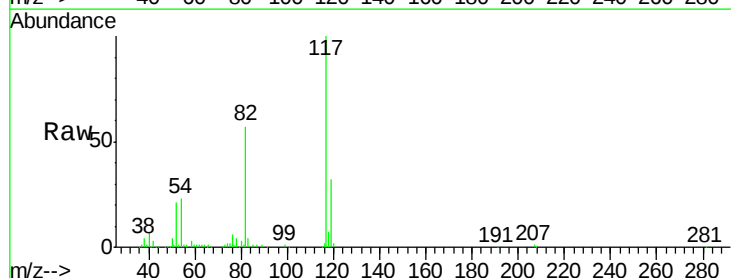
Instrument :
MSVOA_N
ClientSampled :
PB127249TB

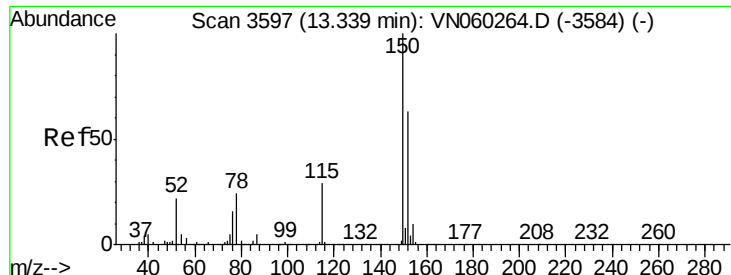
Tot Ion: 95 Resp: 133417
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.2
176 77.4 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060342.D
Acq: 4 Mar 2020 12:47

Tgt Ion: 117 Resp: 272675
Ion Ratio Lower Upper
117 100
82 56.7 45.8 68.6
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060342.D

Acq: 4 Mar 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

PB127249TB

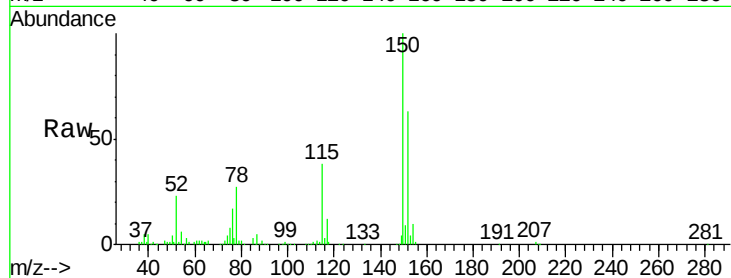
Tot Ion:152 Resp: 123279

Ion Ratio Lower Upper

152 100

115 59.4 30.0 90.0

150 159.3 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

