

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060345.D
 Acq On : 4 Mar 2020 13:56
 Operator : JC/MD
 Sample : PB127249ZHE#14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127249ZHE#14

Quant Time: Mar 05 06:31:17 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

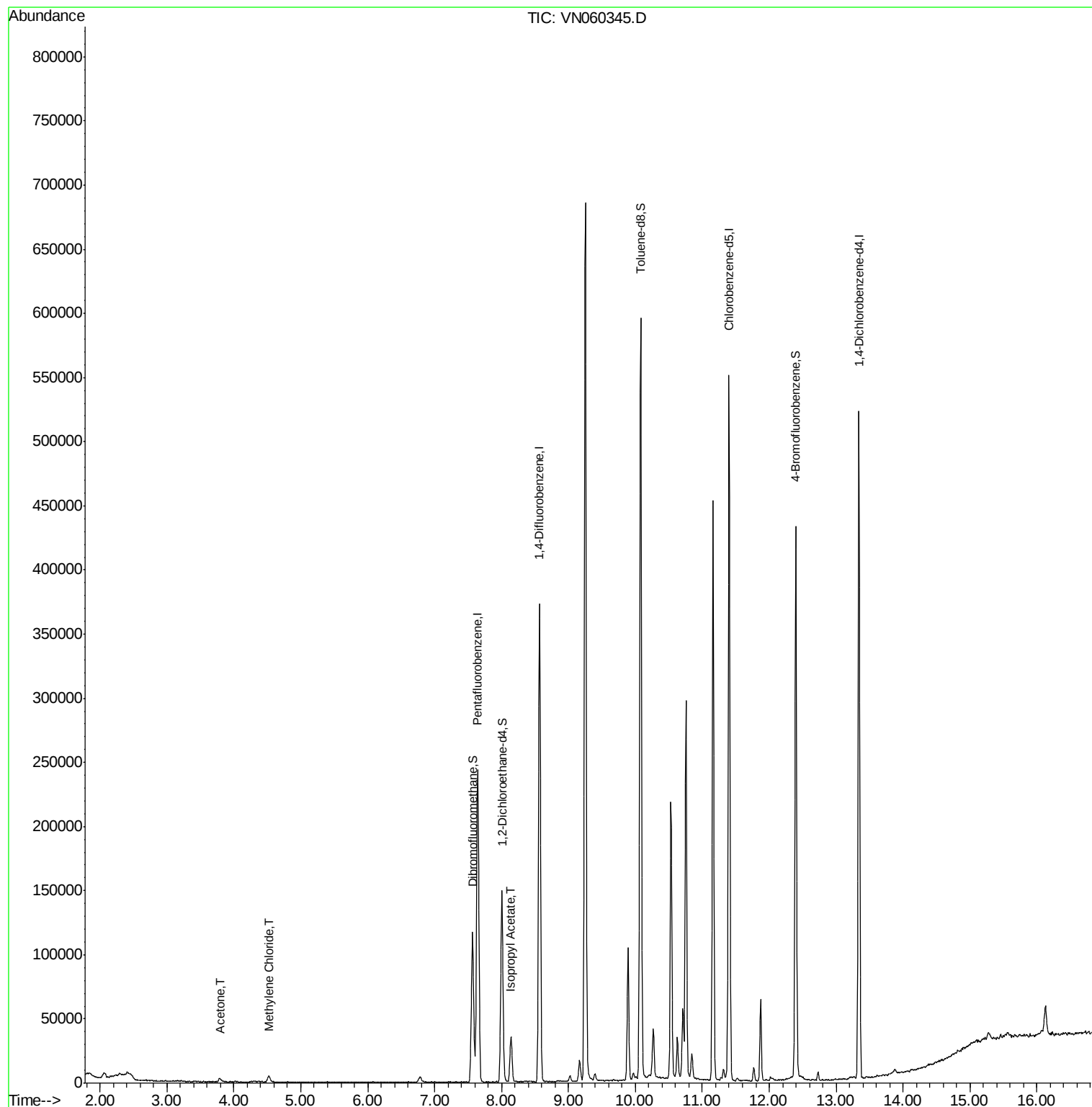
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	202273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	325723	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	300990	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	137295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	129397	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
35) Dibromofluoromethane	7.57	113	87901	58.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.28%	
50) Toluene-d8	10.08	98	405375	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	
62) 4-Bromofluorobenzene	12.40	95	146932	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
Target Compounds						
16) Acetone	3.79	43	5263	6.280	ug/l	100
20) Methylene Chloride	4.52	84	3721	1.617	ug/l	98
43) Isopropyl Acetate	8.14	43	42524	8.264	ug/l #	91

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060345.D

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Instrument :

MSVOA_N

ClientSampleId :

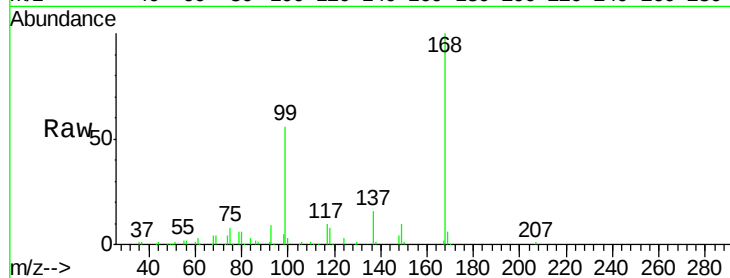
PB127249ZHE#14

Tot Ion:168 Resp: 202273

Ion Ratio Lower Upper

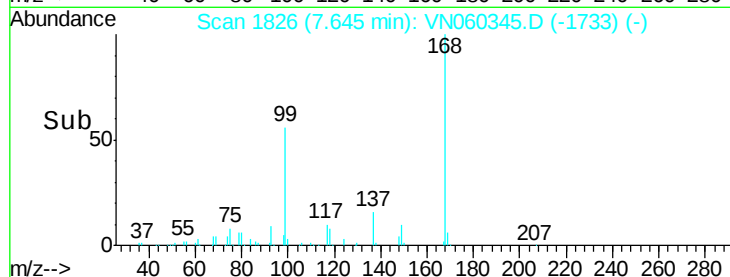
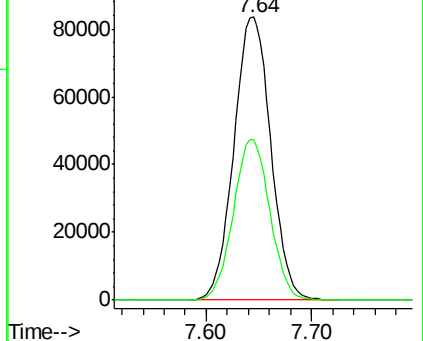
168 100

99 56.5 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: 6.280 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060345.D

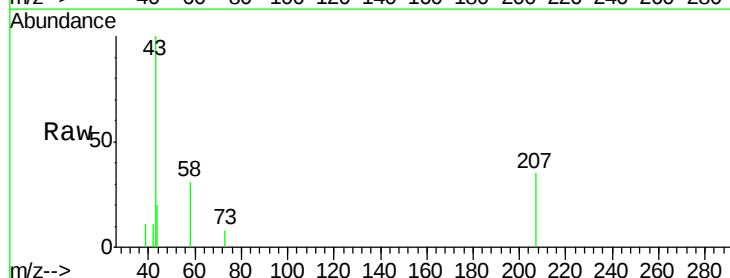
Acq: 4 Mar 2020 13:56

Tgt Ion: 43 Resp: 5263

Ion Ratio Lower Upper

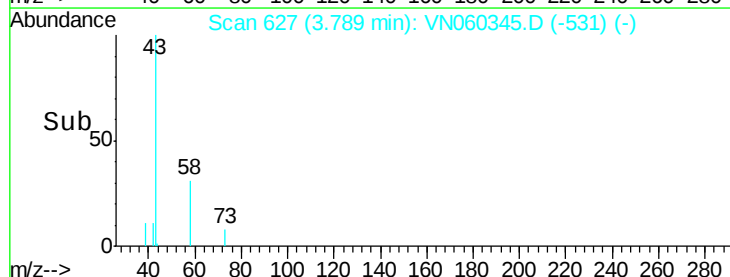
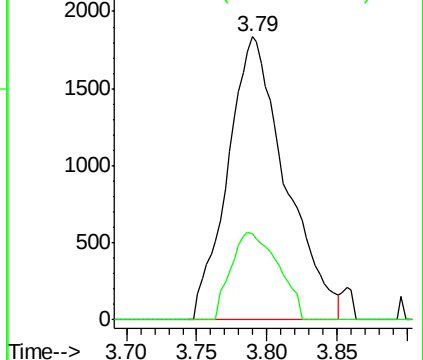
43 100

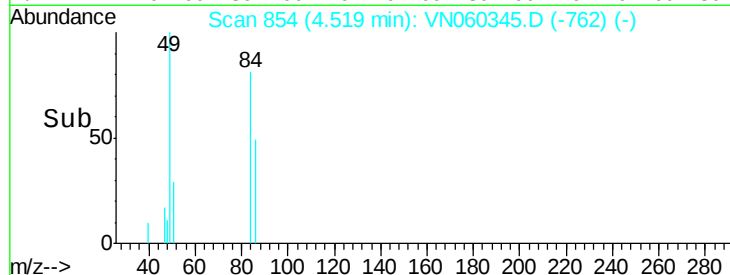
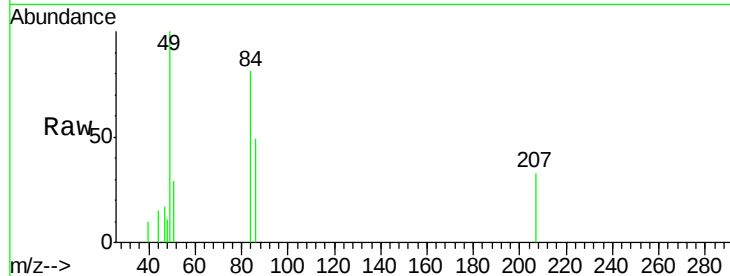
58 30.6 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

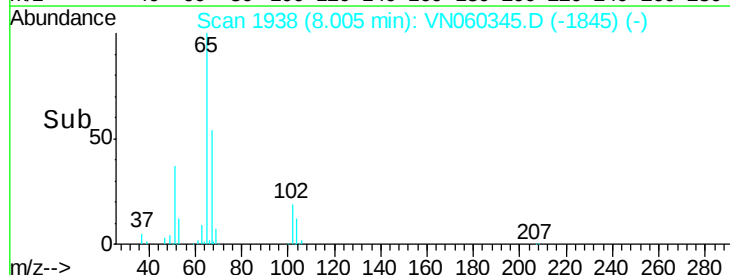
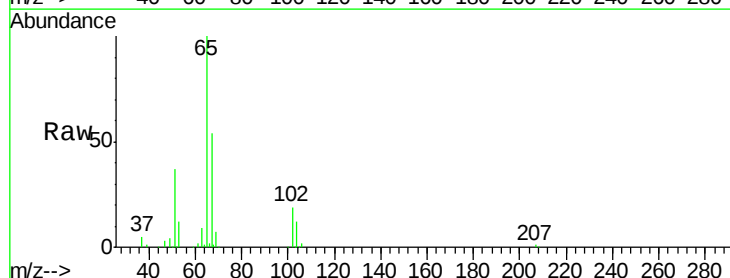
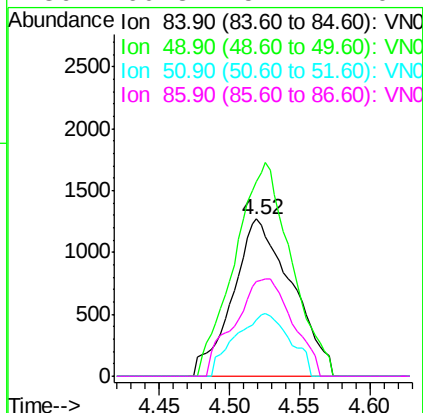




#20
Methylene Chloride
Concen: 1.617 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060345.D
Acq: 4 Mar 2020 13:56

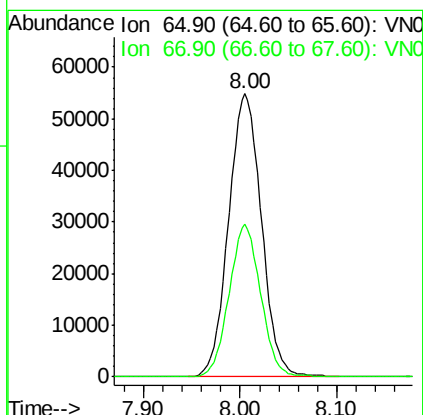
Instrument :
MSVOA_N
ClientSampleId :
PB127249ZHE#14

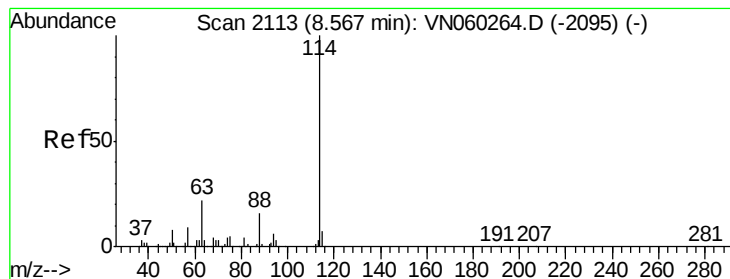
Tot Ion:	84	Resp:	3721
Ion	Ratio	Lower	Upper
84	100		
49	124.1	99.3	148.9
51	36.0	30.1	45.1
86	60.3	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 49.860 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060345.D
Acq: 4 Mar 2020 13:56

Tgt Ion:	65	Resp:	129397
Ion	Ratio	Lower	Upper
65	100		
67	51.8	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: VN060345.D

Acq: 4 Mar 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#14

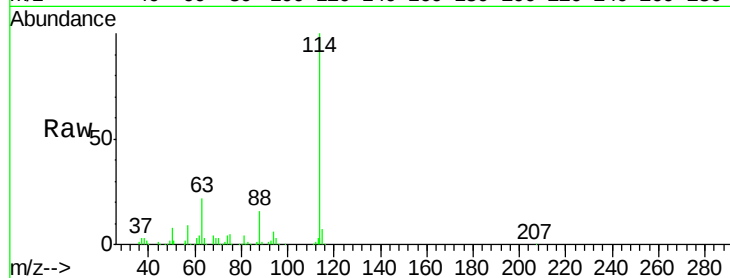
Tot Ion:114 Resp: 325723

Ion Ratio Lower Upper

114 100

63 22.0 0.0 43.2

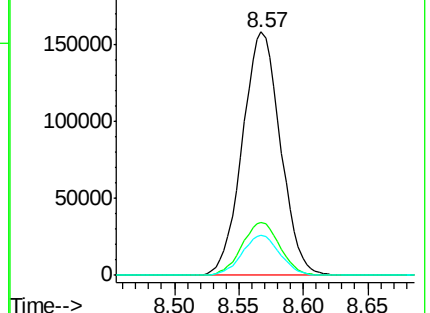
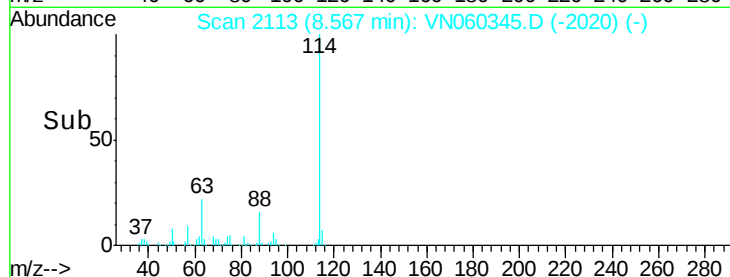
88 16.3 0.0 31.6



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: 58.139 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060345.D

Acq: 4 Mar 2020 13:56

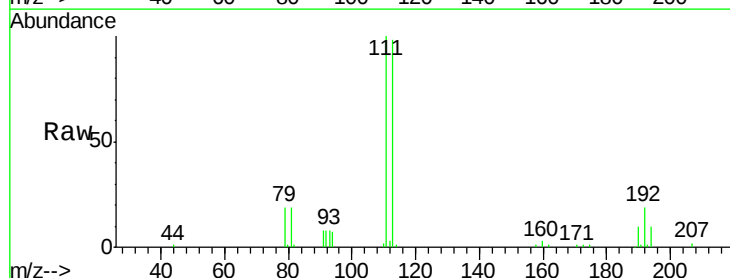
Tgt Ion:113 Resp: 87901

Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

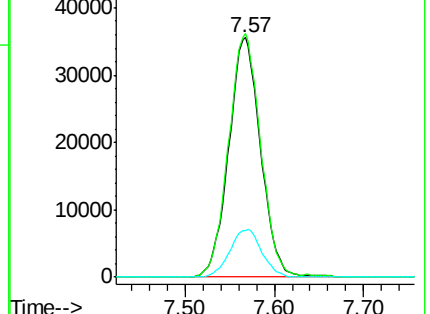
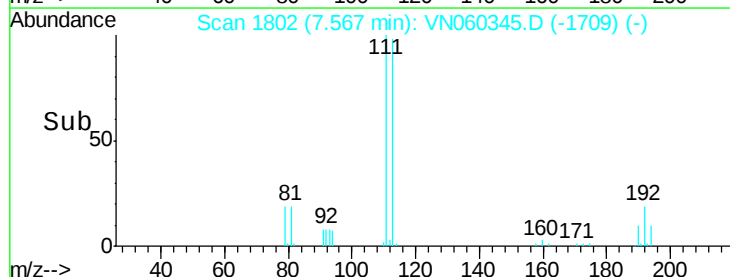
192 20.0 16.2 24.2

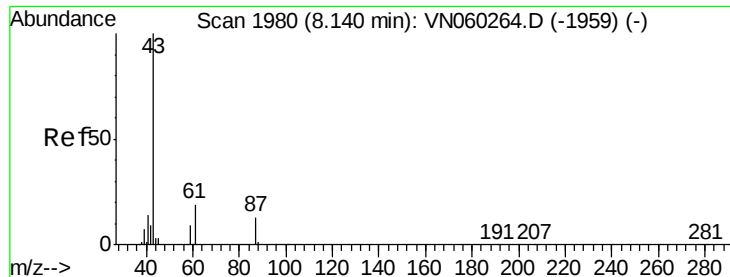


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 8.264 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060345.D

Acq: 4 Mar 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#14

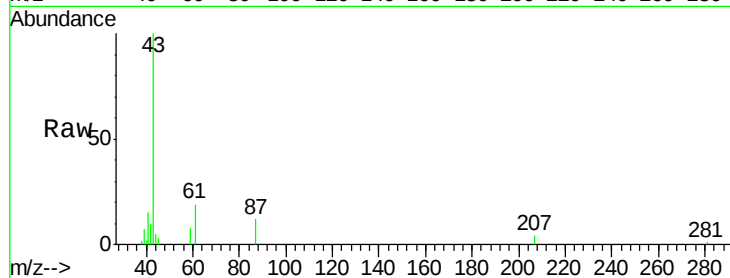
Tot Ion: 43 Resp: 42524

Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

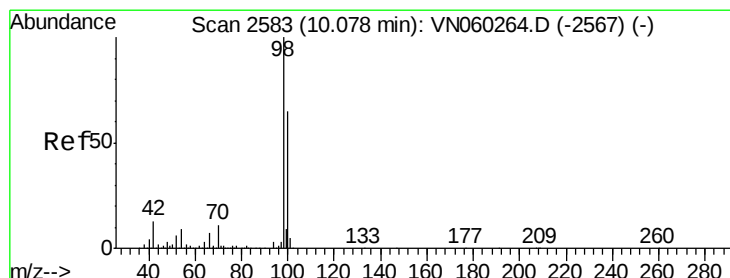
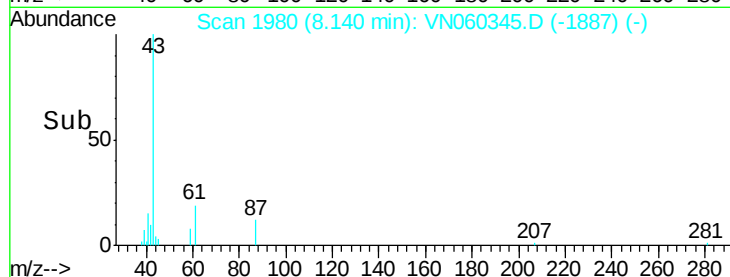
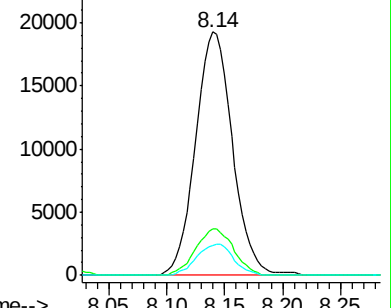
87 12.7 10.6 16.0



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

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 52.977 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060345.D

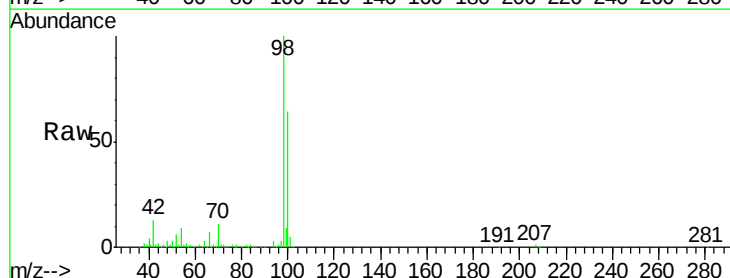
Acq: 4 Mar 2020 13:56

Tgt Ion: 98 Resp: 405375

Ion Ratio Lower Upper

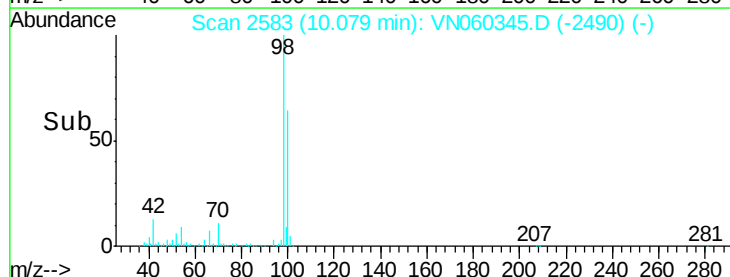
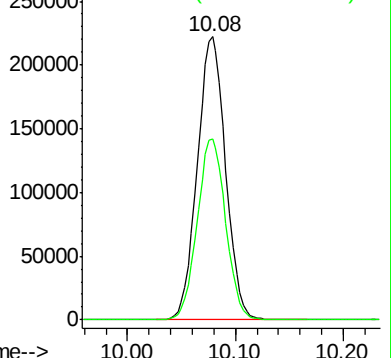
98 100

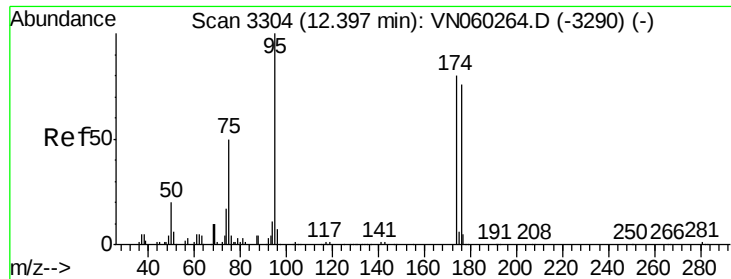
100 64.3 52.2 78.2



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

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)

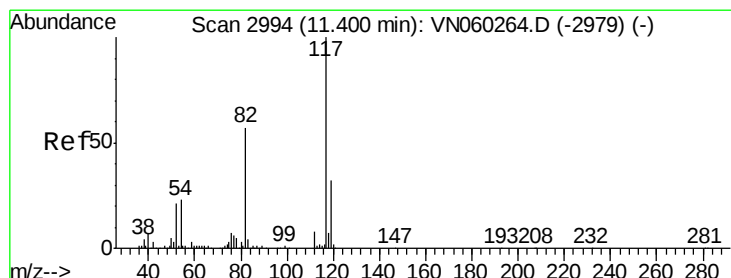
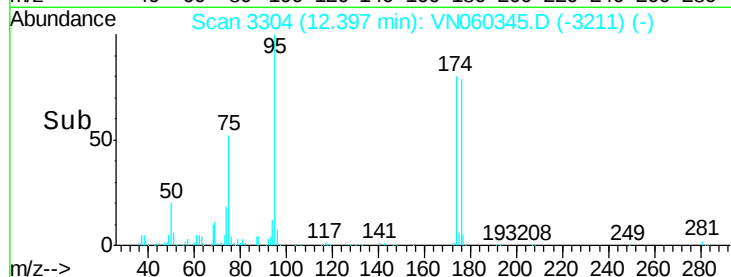
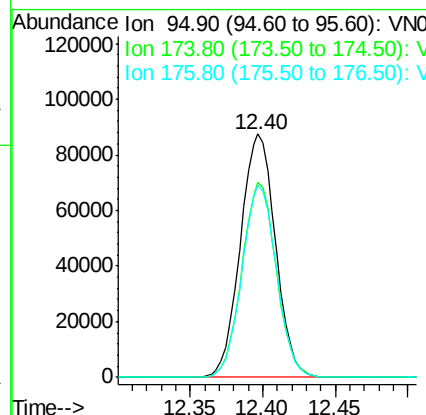
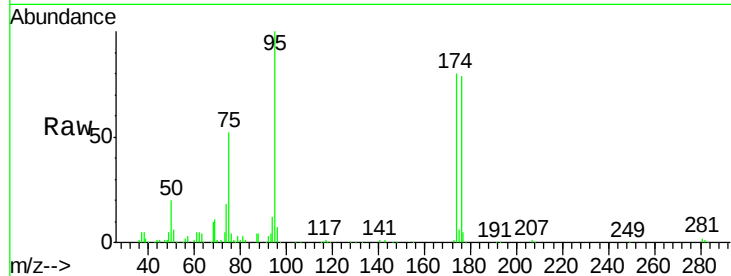




#62
4-Bromofluorobenzene
Concen: 50.655 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060345.D
Acq: 4 Mar 2020 13:56

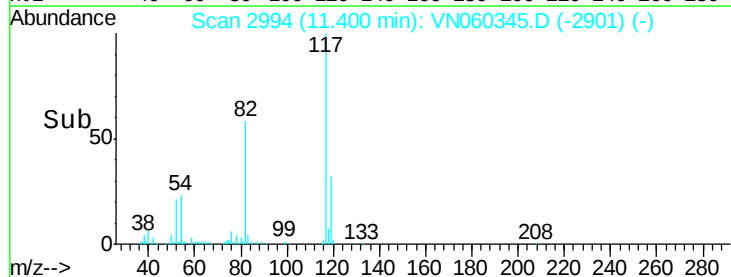
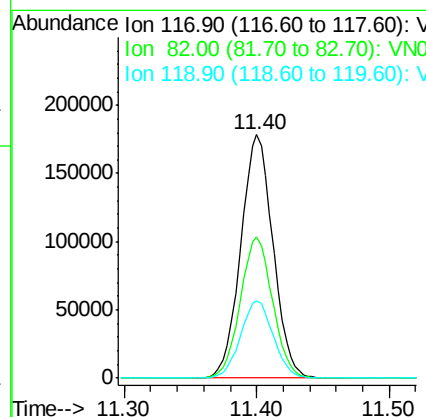
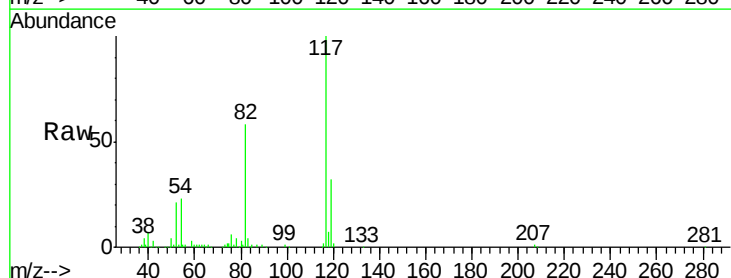
Instrument :
MSVOA_N
ClientSampleId :
PB127249ZHE#14

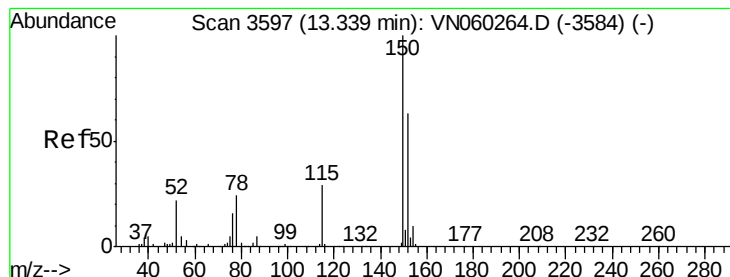
Tot Ion: 95 Resp: 146932
Ion Ratio Lower Upper
95 100
174 78.6 0.0 159.2
176 77.8 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060345.D
Acq: 4 Mar 2020 13:56

Tgt Ion: 117 Resp: 300990
Ion Ratio Lower Upper
117 100
82 57.8 45.8 68.6
119 31.9 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: VN060345.D

Acq: 4 Mar 2020 13:56

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#14

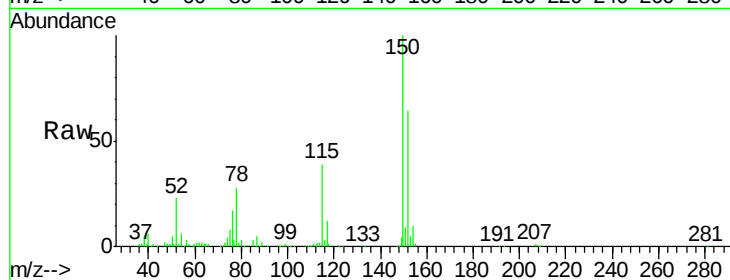
Tot Ion:152 Resp: 137295

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 157.4 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

