

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030420\
 Data File : VN060347.D
 Acq On : 4 Mar 2020 14:41
 Operator : JC/MD
 Sample : PB127249ZHE#16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127249ZHE#16

Quant Time: Mar 05 06:34:50 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

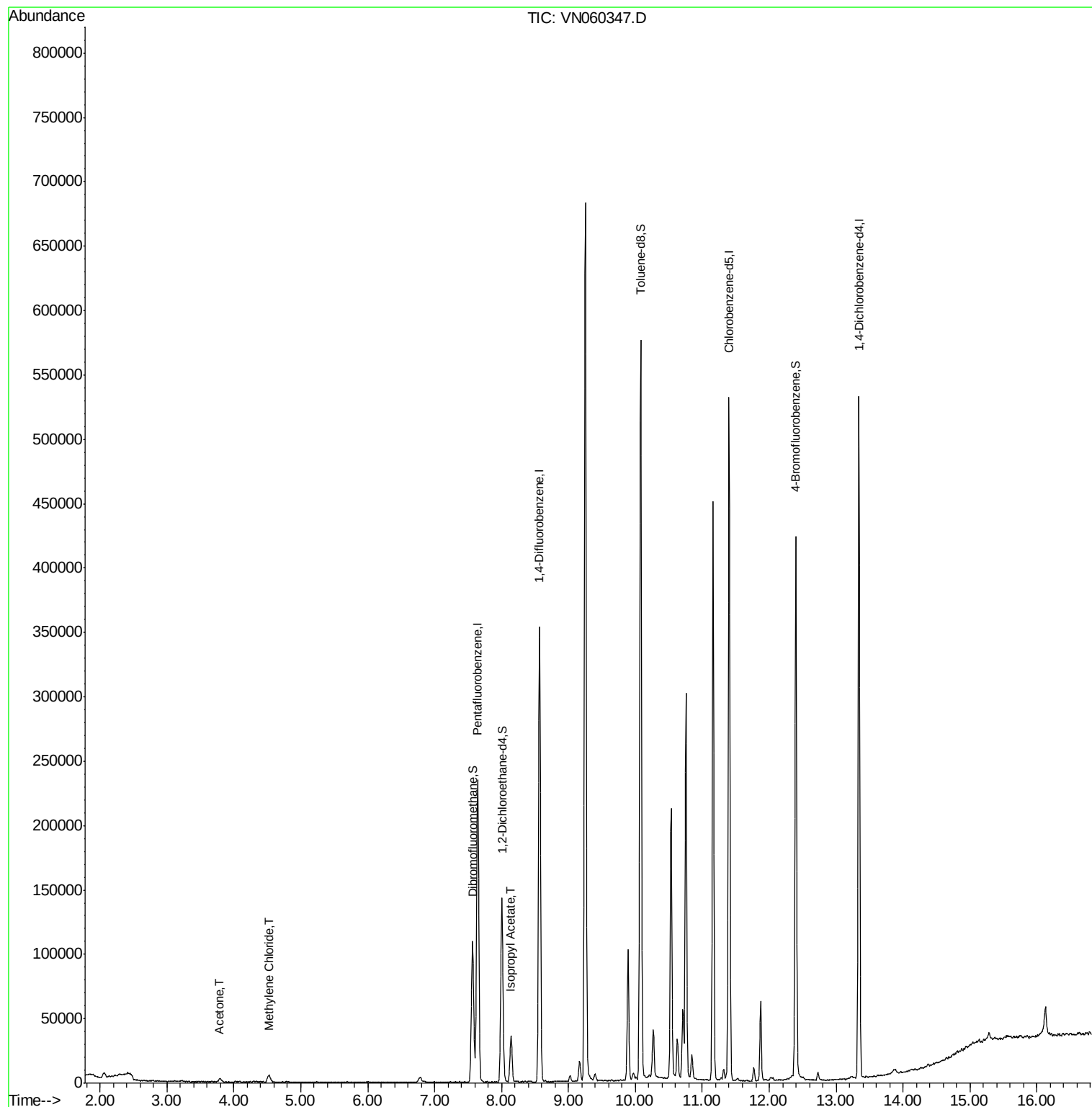
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	190652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	312970	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125467	51.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.58%	
35) Dibromofluoromethane	7.57	113	83679	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
50) Toluene-d8	10.08	98	385974	52.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	12.40	95	144233	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
Target Compounds						
16) Acetone	3.79	43	5488	6.948	ug/l	92
20) Methylene Chloride	4.53	84	4371	2.015	ug/l	97
43) Isopropyl Acetate	8.14	43	42518	8.599	ug/l #	90

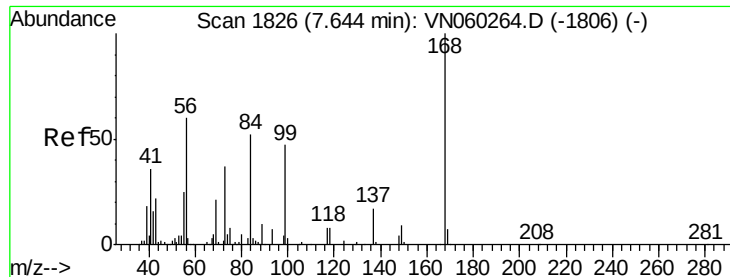
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN060347.D

Acq: 4 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

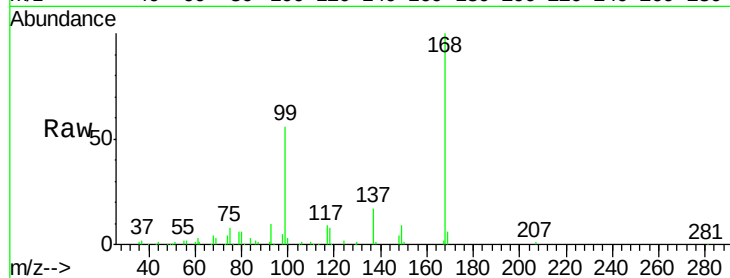
PB127249ZHE#16

Tot Ion:168 Resp: 190652

Ion Ratio Lower Upper

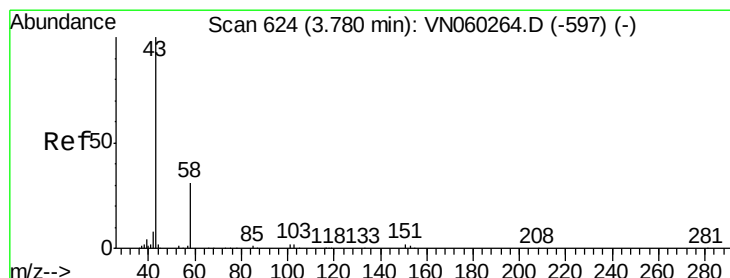
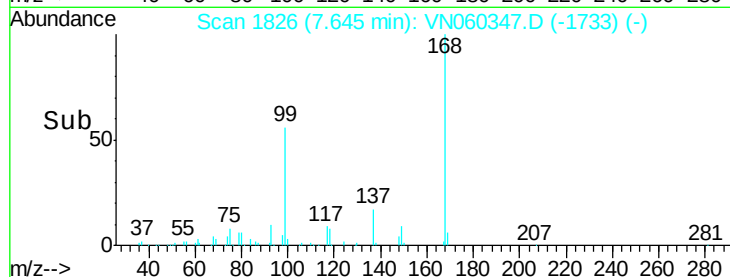
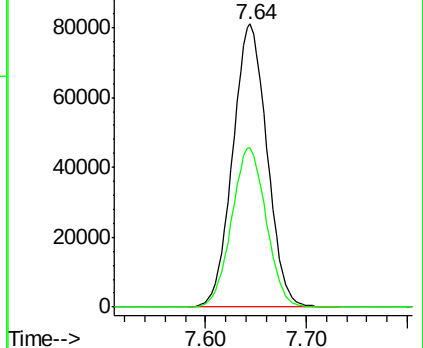
168 100

99 56.1 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.948 ug/l

RT: 3.79 min Scan# 628

Delta R.T. 0.01 min

Lab File: VN060347.D

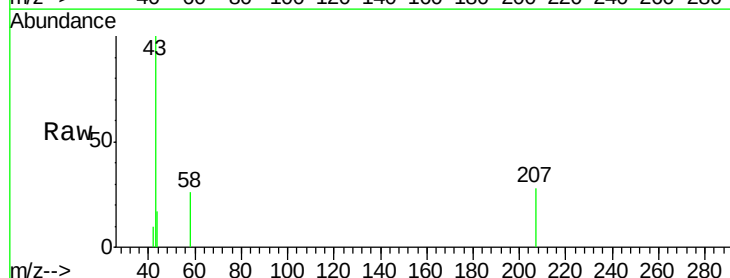
Acq: 4 Mar 2020 14:41

Tgt Ion: 43 Resp: 5488

Ion Ratio Lower Upper

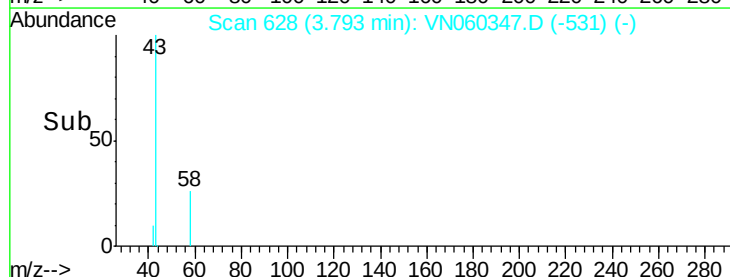
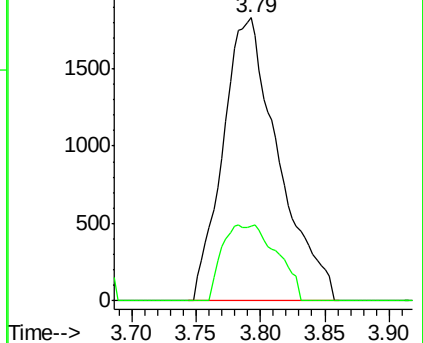
43 100

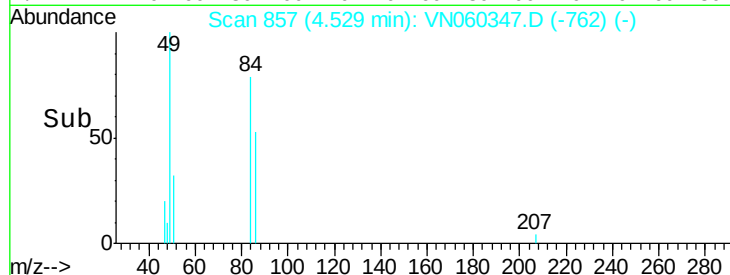
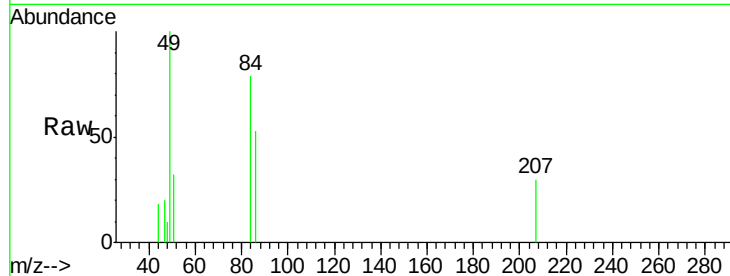
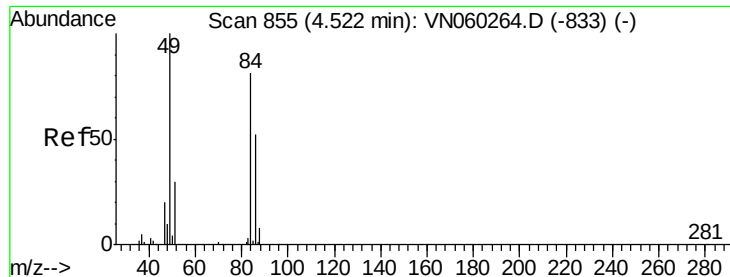
58 26.5 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

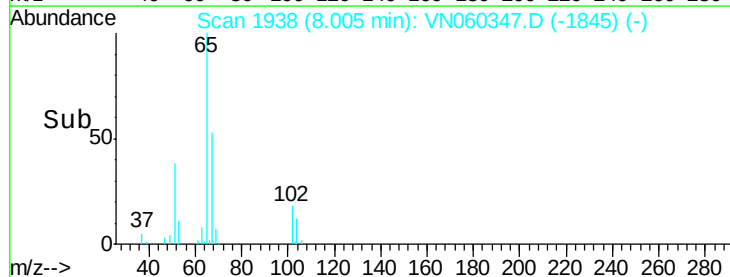
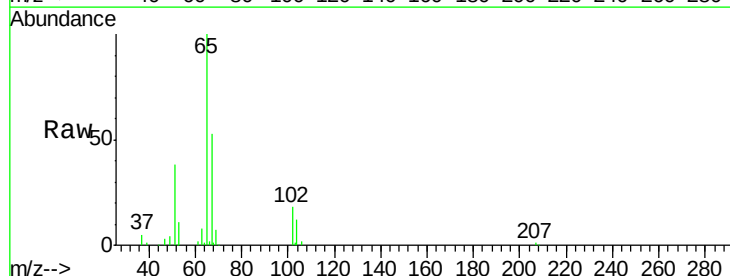
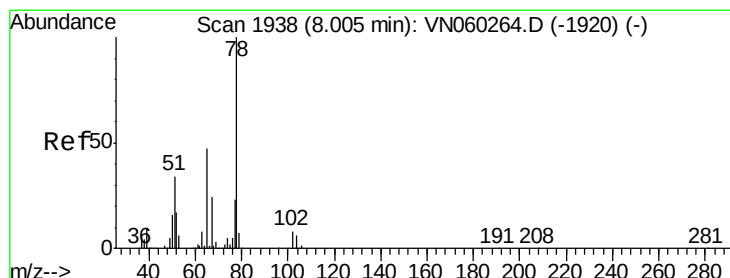
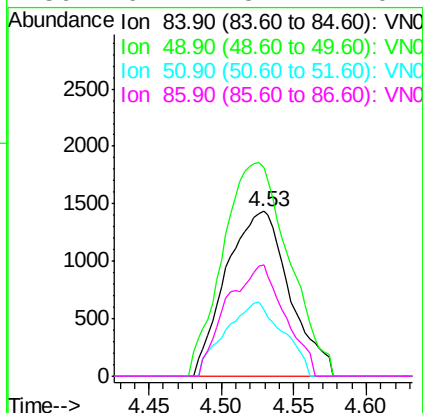
Ion 58.00 (57.70 to 58.70): VN





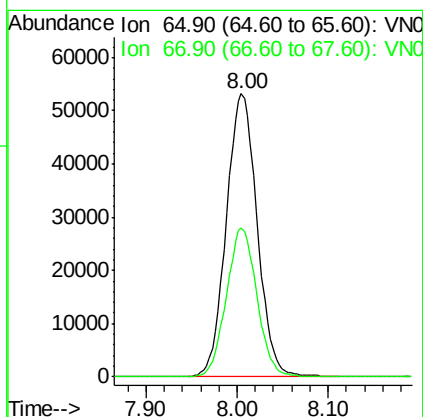
#20
Methylene Chloride
Concen: 2.015 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060347.D
Acq: 4 Mar 2020 14:41

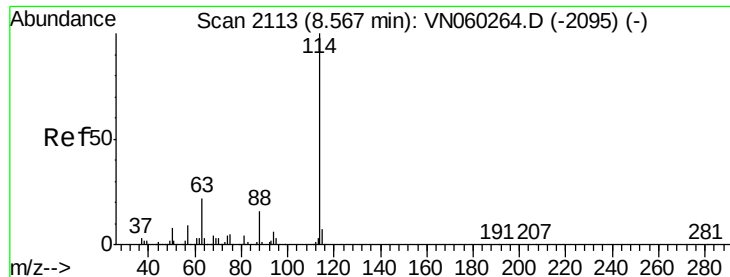
Tot Ion:	84	Resp:	4371
Ion	Ratio	Lower	Upper
84	100		
49	126.5	99.3	148.9
51	40.6	30.1	45.1
86	67.4	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 51.293 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060347.D
Acq: 4 Mar 2020 14:41

Tgt Ion:	65	Resp:	125467
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.8

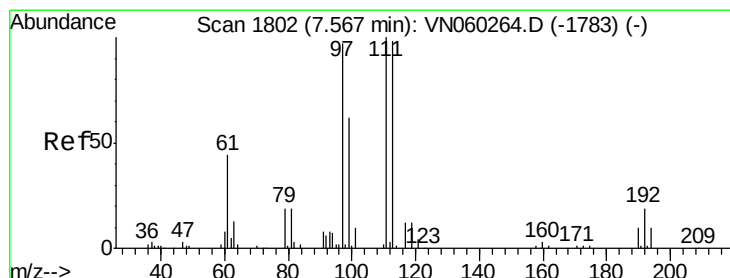
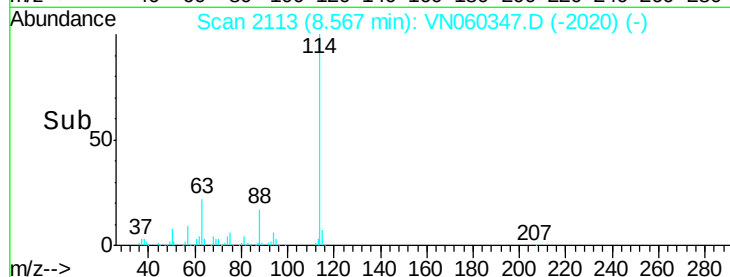
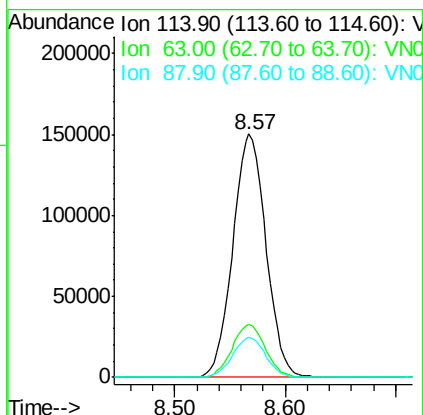
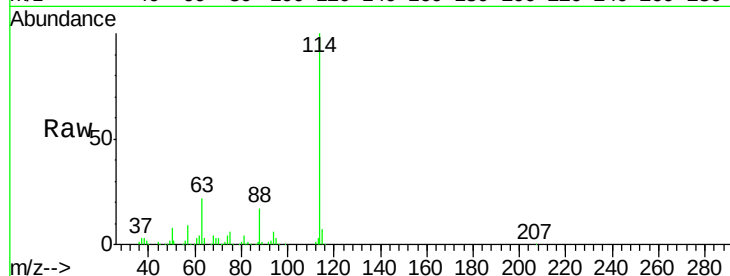




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060347.D
 Acq: 4 Mar 2020 14:41

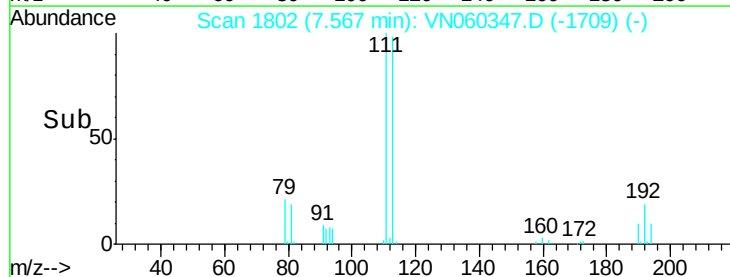
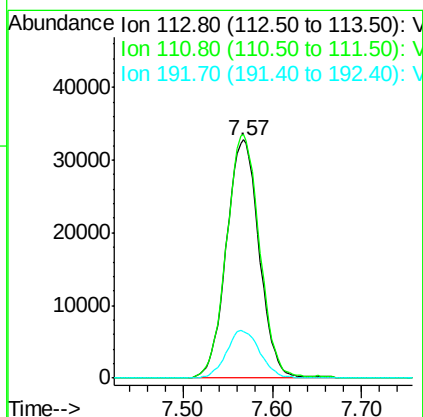
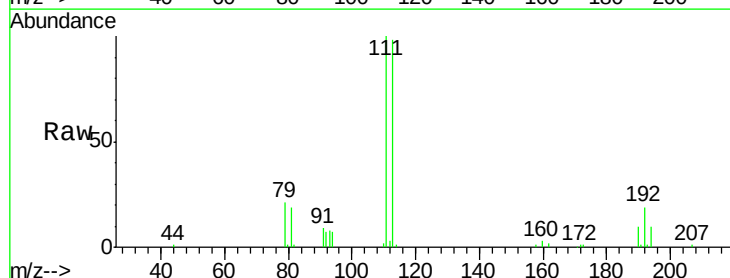
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127249ZHE#16

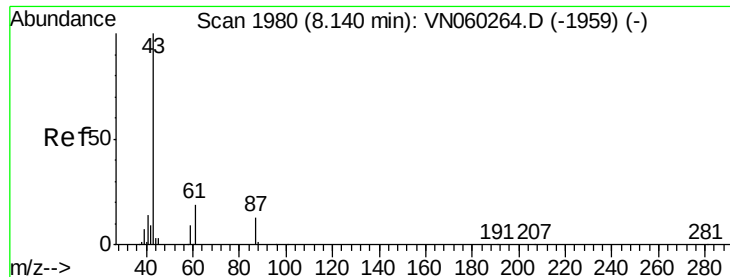
Tot Ion:114 Resp: 312970
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.2
 88 16.5 0.0 31.6



#35
 Dibromofluoromethane
 Concen: 57.602 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060347.D
 Acq: 4 Mar 2020 14:41

Tgt Ion:113 Resp: 83679
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.4 123.6
 192 20.3 16.2 24.2





#43

Isopropyl Acetate

Concen: 8.599 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060347.D

Acq: 4 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#16

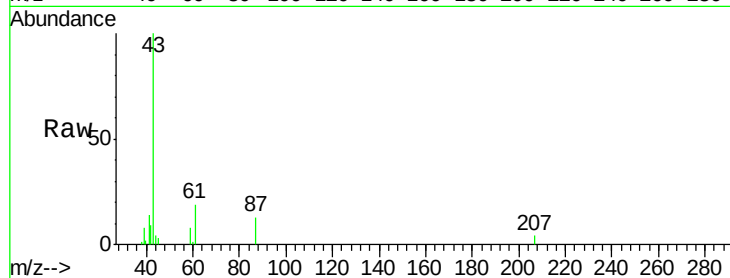
Tot Ion: 43 Resp: 42518

Ion Ratio Lower Upper

43 100

61 19.1 20.9 31.3#

87 12.4 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060347.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060347.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060347.D (-1959) (-)

Time-->

8.05 8.10 8.15 8.20

25000

20000

15000

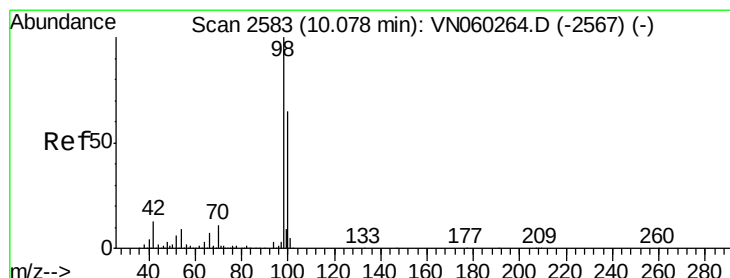
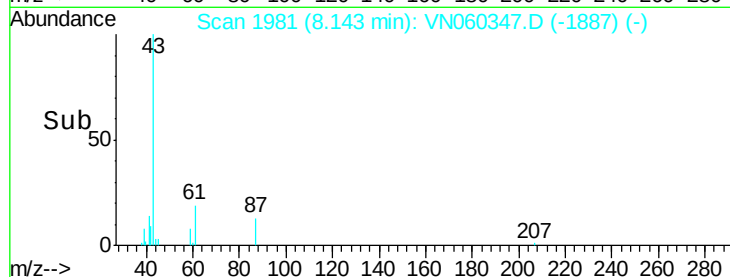
10000

5000

0

8.05 8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: 52.497 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060347.D

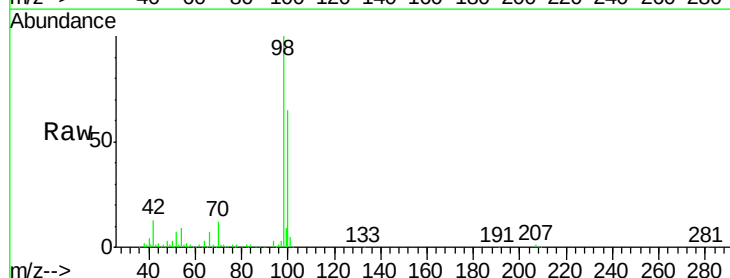
Acq: 4 Mar 2020 14:41

Tgt Ion: 98 Resp: 385974

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060347.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060347.D (-2567) (-)

Time-->

10.00 10.10 10.20

250000

200000

150000

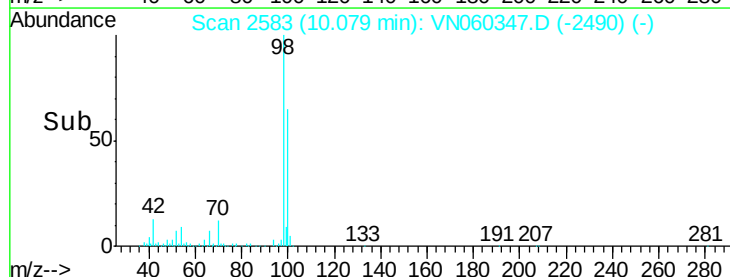
100000

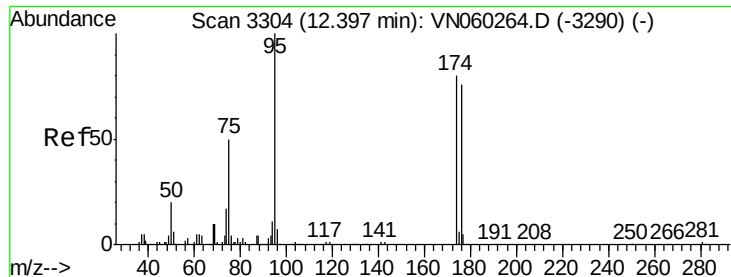
50000

0

10.00 10.10 10.20

Time-->

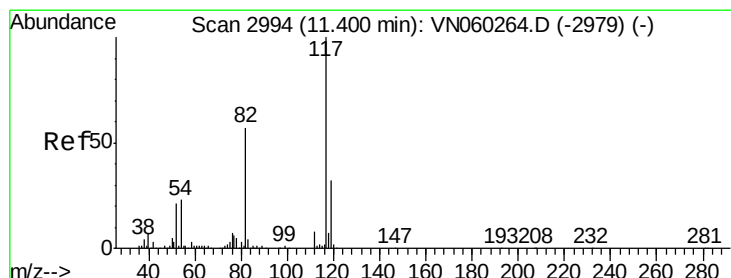
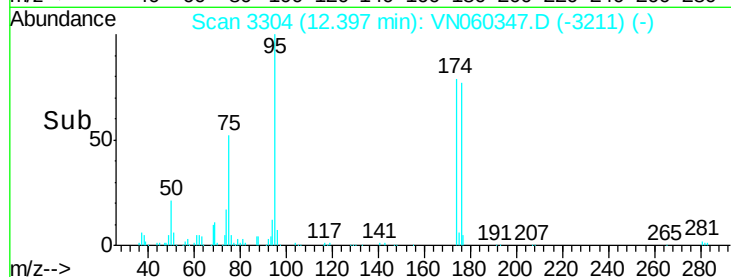
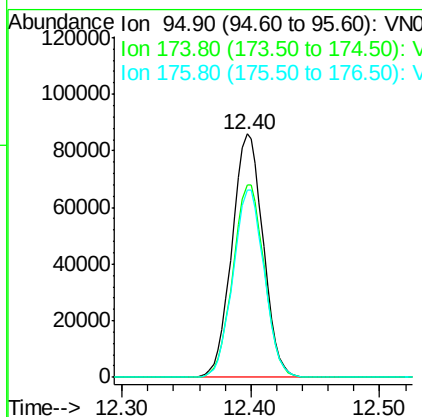
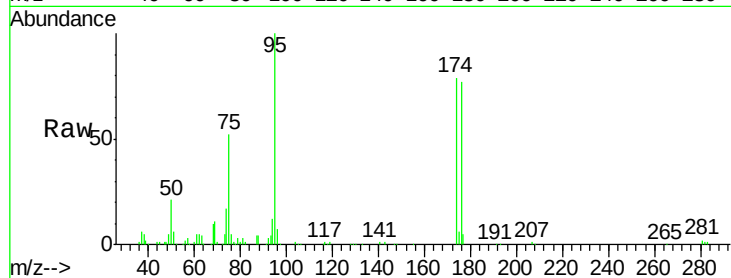




#62
4-Bromofluorobenzene
Concen: 51.750 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060347.D
Acq: 4 Mar 2020 14:41

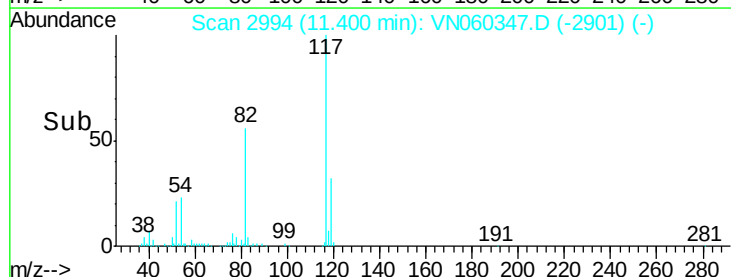
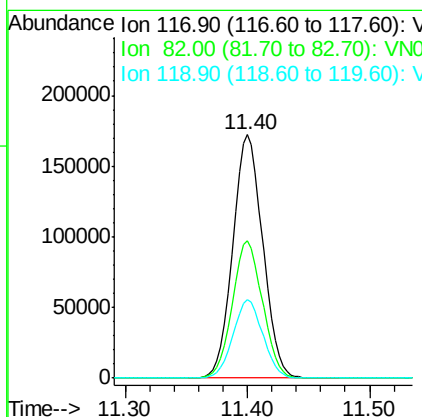
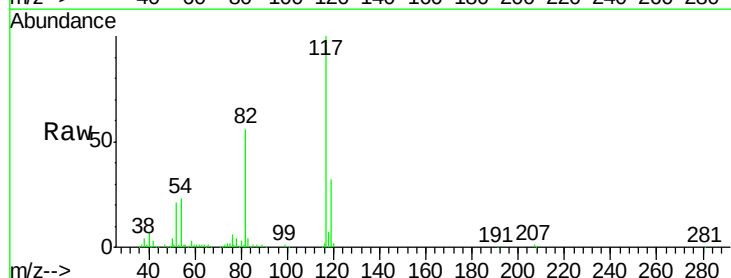
Instrument :
MSVOA_N
ClientSampleId :
PB127249ZHE#16

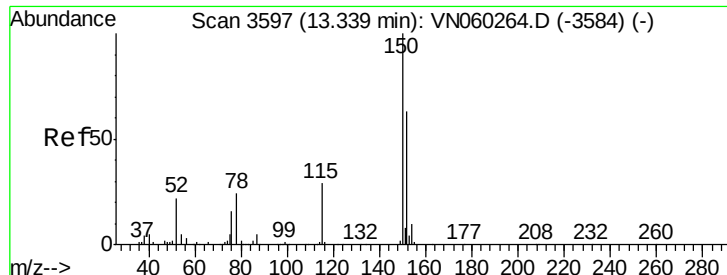
Tot Ion: 95 Resp: 144233
Ion Ratio Lower Upper
95 100
174 79.7 0.0 159.2
176 77.2 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060347.D
Acq: 4 Mar 2020 14:41

Tgt Ion: 117 Resp: 293047
Ion Ratio Lower Upper
117 100
82 56.4 45.8 68.6
119 32.2 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: VN060347.D

Acq: 4 Mar 2020 14:41

Instrument :

MSVOA_N

ClientSampleId :

PB127249ZHE#16

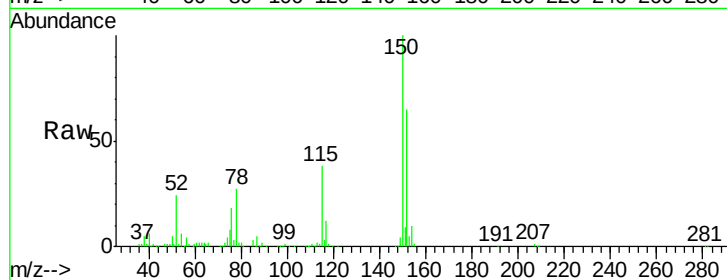
Tot Ion:152 Resp: 139450

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 155.8 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

