

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060209.D
 Acq On : 24 Feb 2020 14:54
 Operator : JC/MD
 Sample : PB127001ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127001ZHE#02

Quant Time: Feb 24 16:59:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

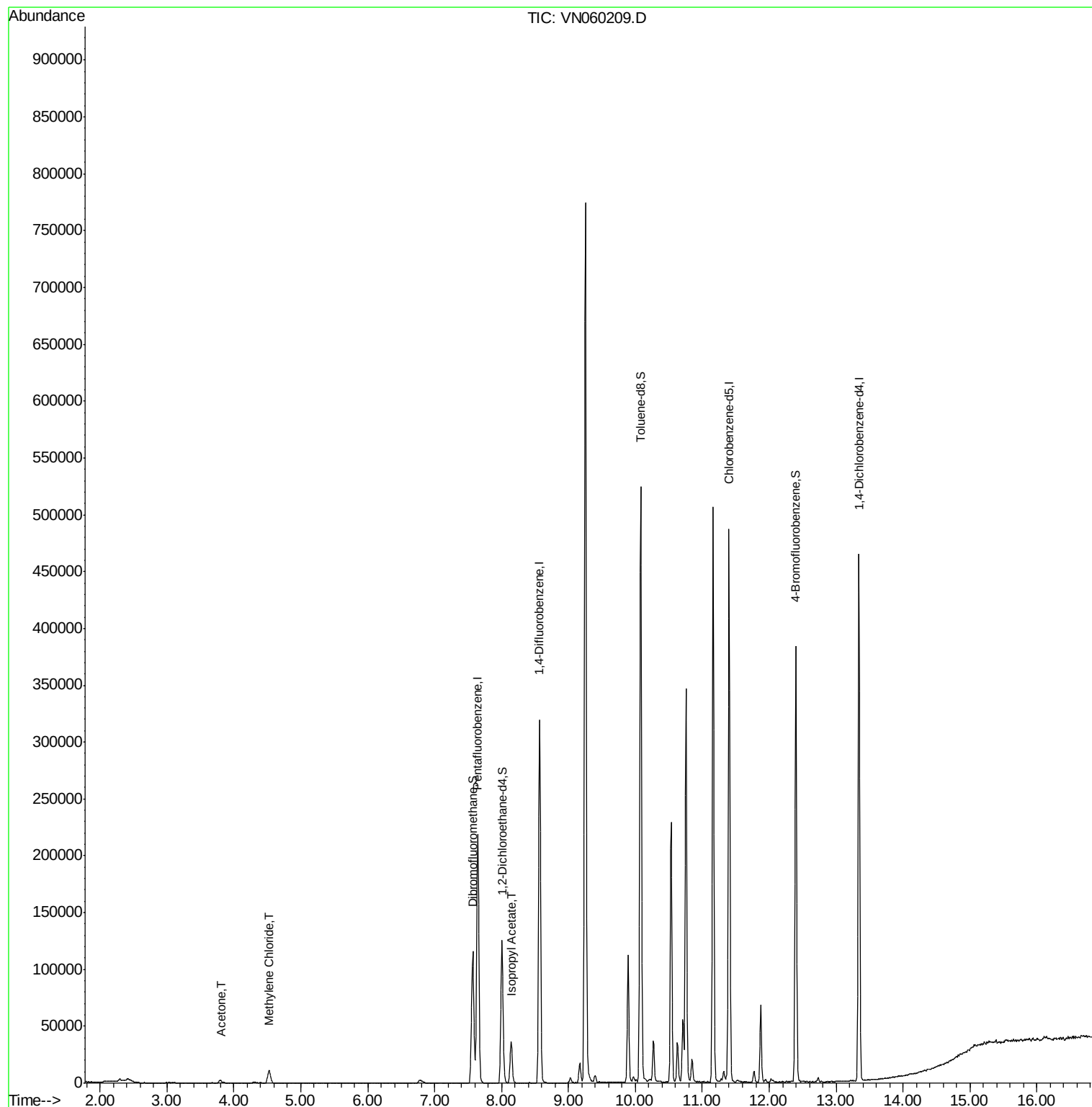
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	185267	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	292129	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	277006	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	126278	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	109754	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
35) Dibromofluoromethane	7.57	113	89165	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.08	98	358085	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	129115	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
Target Compounds						
16) Acetone	3.80	43	4800	4.881	ug/l	90
20) Methylene Chloride	4.52	84	8930	4.552	ug/l	97
43) Isopropyl Acetate	8.14	43	43864	10.493	ug/l #	91

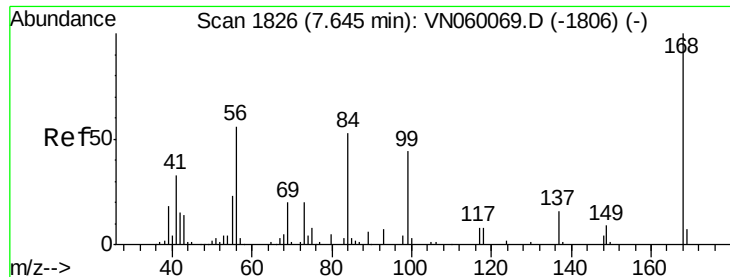
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
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: VN060209.D

Acq: 24 Feb 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

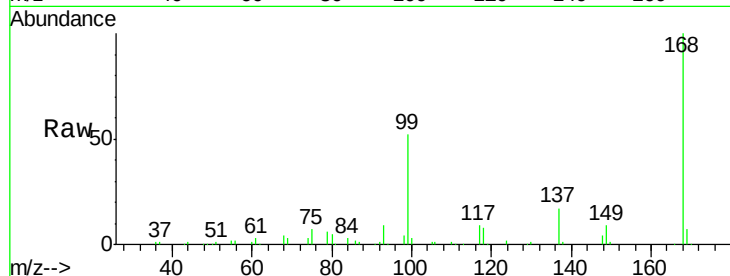
PB127001ZHE#02

Tot Ion:168 Resp: 185267

Ion Ratio Lower Upper

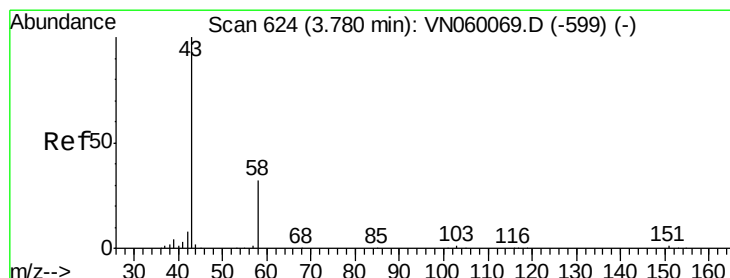
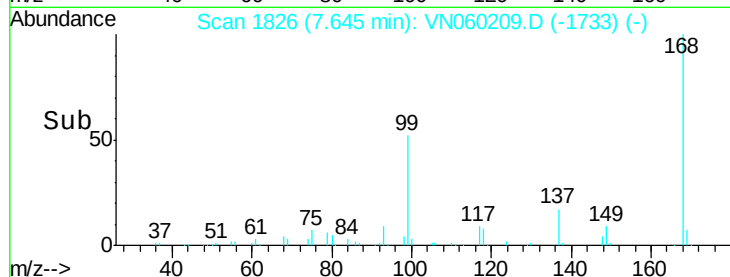
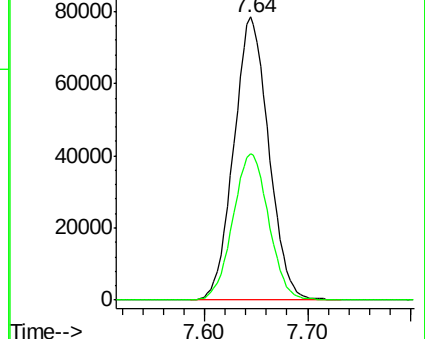
168 100

99 51.9 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 4.881 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.02 min

Lab File: VN060209.D

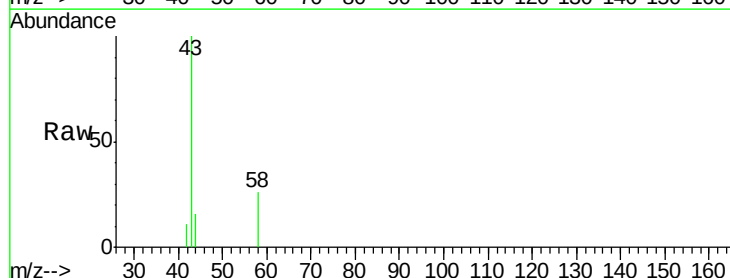
Acq: 24 Feb 2020 14:54

Tgt Ion: 43 Resp: 4800

Ion Ratio Lower Upper

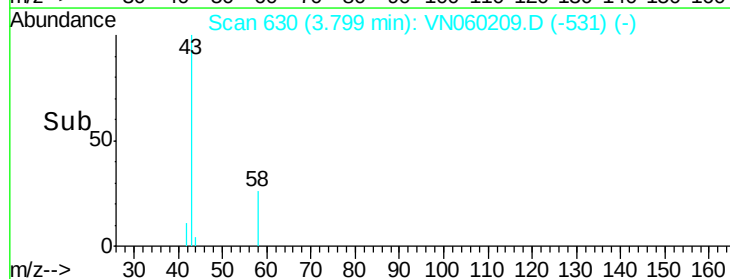
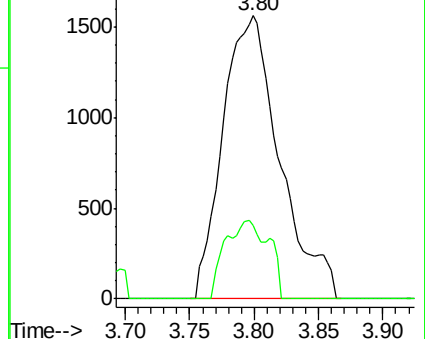
43 100

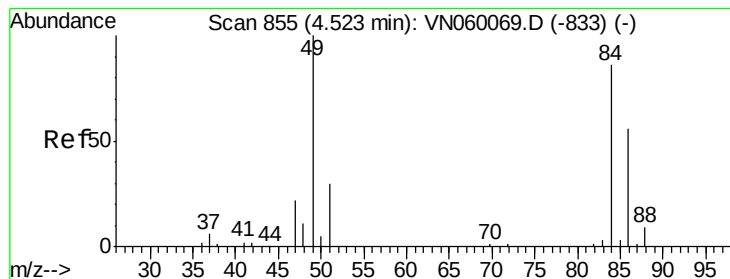
58 26.1 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#20

Methylene Chloride

Concen: 4.552 ug/l

RT: 4.52 min Scan# 855

Delta R.T. -0.00 min

Lab File: VN060209.D

Acq: 24 Feb 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#02

Tot Ion: 84 Resp: 8930

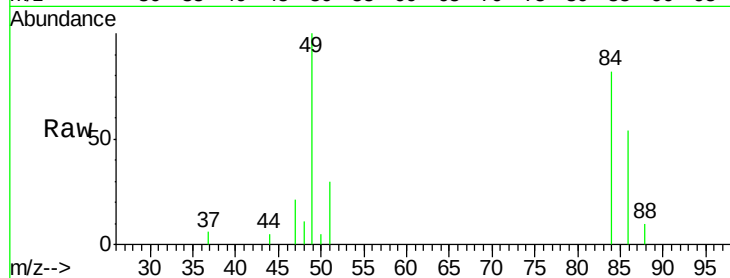
Ion Ratio Lower Upper

84 100

49 122.6 93.4 140.0

51 37.2 28.4 42.6

86 66.0 52.5 78.7

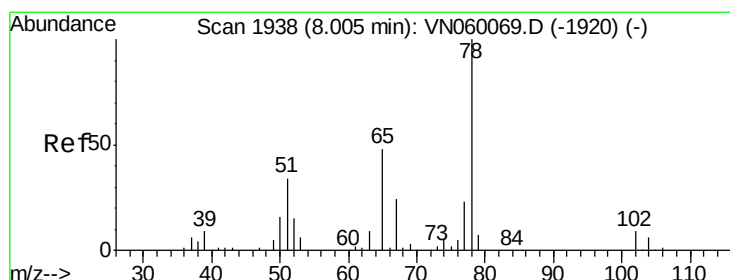
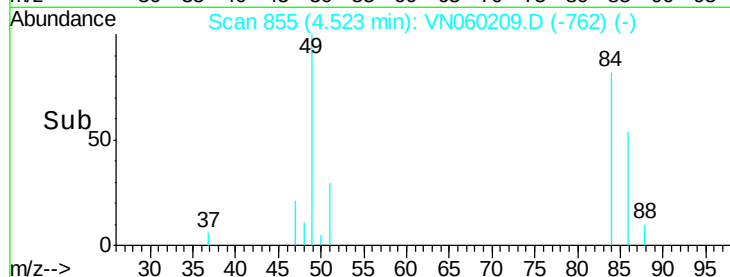
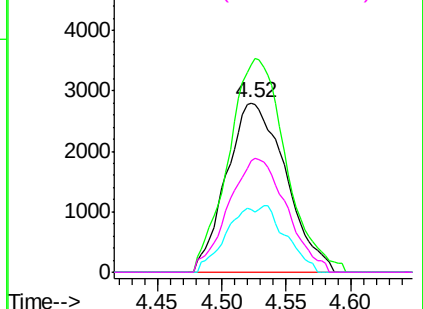


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.685 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060209.D

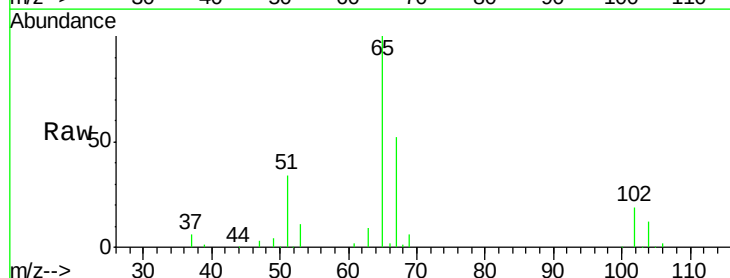
Acq: 24 Feb 2020 14:54

Tgt Ion: 65 Resp: 109754

Ion Ratio Lower Upper

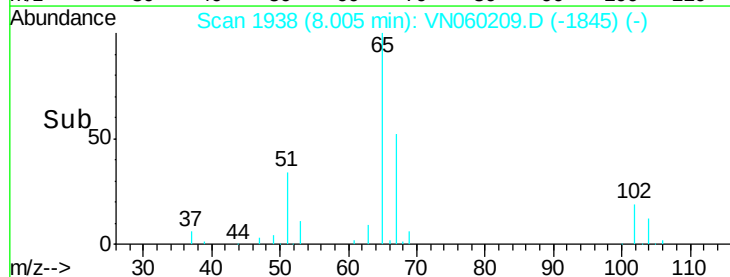
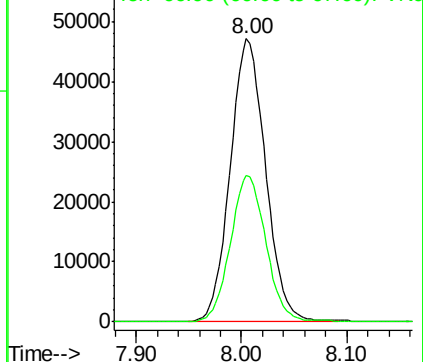
65 100

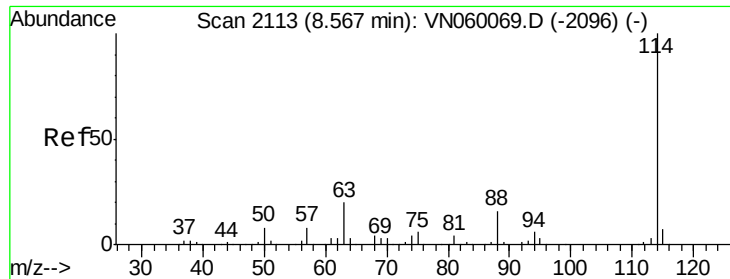
67 51.8 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

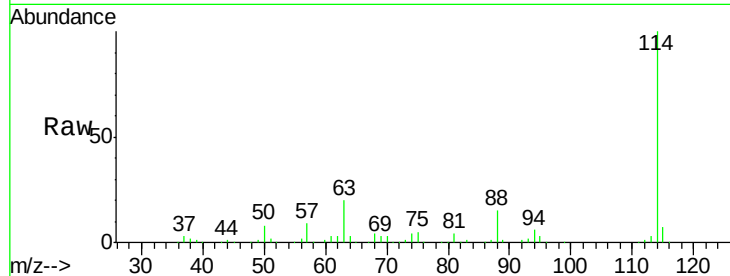




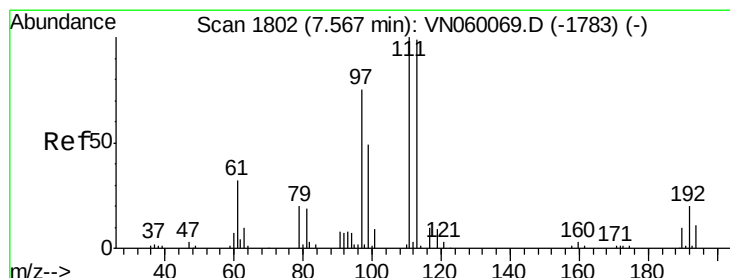
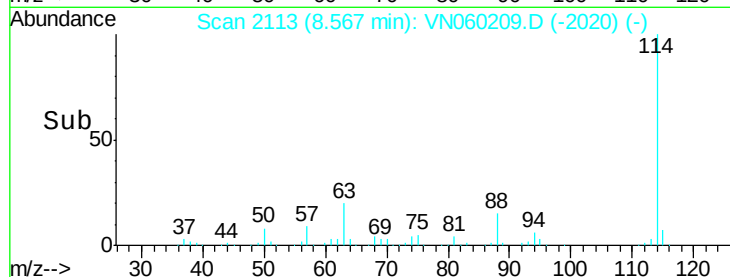
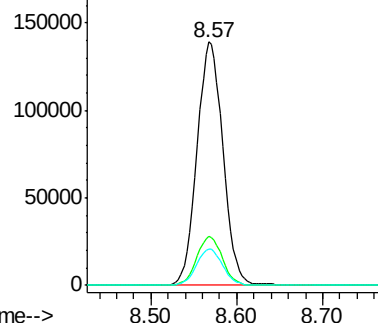
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060209.D
Acq: 24 Feb 2020 14:54

Instrument :
MSVOA_N
ClientSampleId :
PB127001ZHE#02

Tot Ion:114 Resp: 292129
Ion Ratio Lower Upper
114 100
63 19.9 0.0 40.0
88 15.1 0.0 31.6

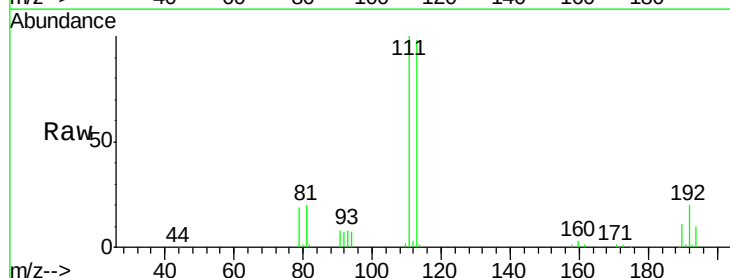


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

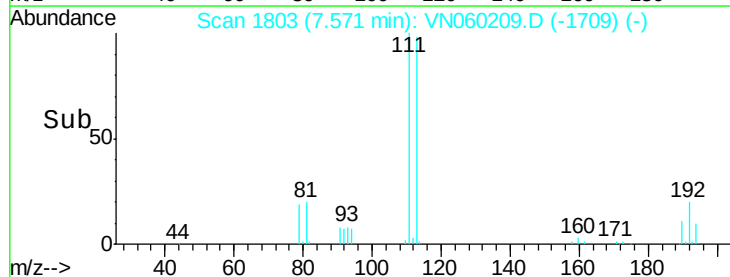
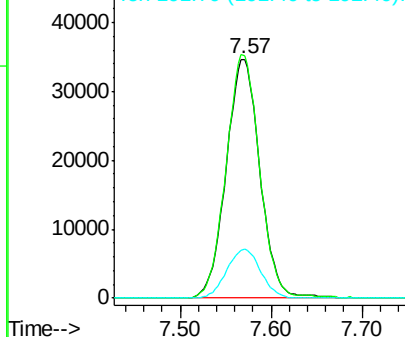


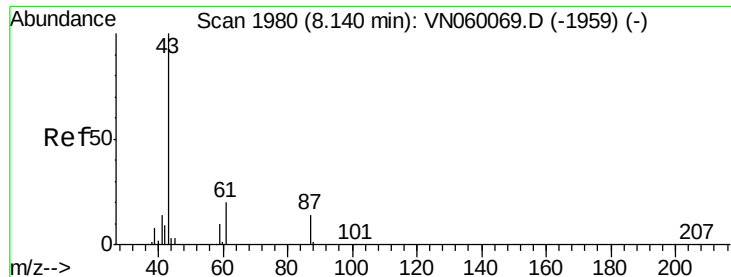
#35
Dibromofluoromethane
Concen: 49.654 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. 0.00 min
Lab File: VN060209.D
Acq: 24 Feb 2020 14:54

Tgt Ion:113 Resp: 89165
Ion Ratio Lower Upper
113 100
111 100.3 81.4 122.2
192 20.4 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: 10.493 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060209.D

Acq: 24 Feb 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#02

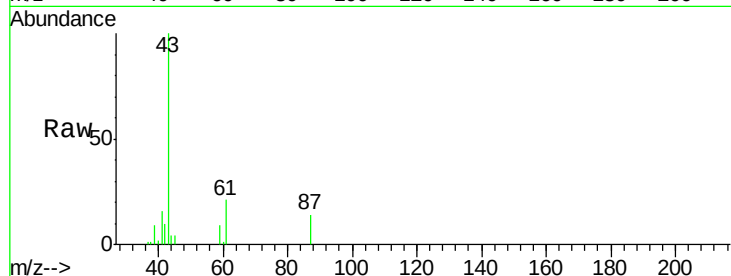
Tot Ion: 43 Resp: 43864

Ion Ratio Lower Upper

43 100

61 20.1 21.8 32.6#

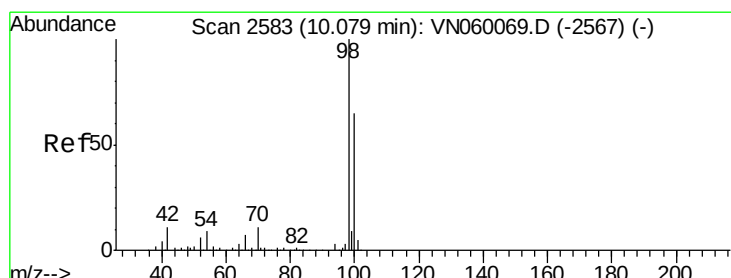
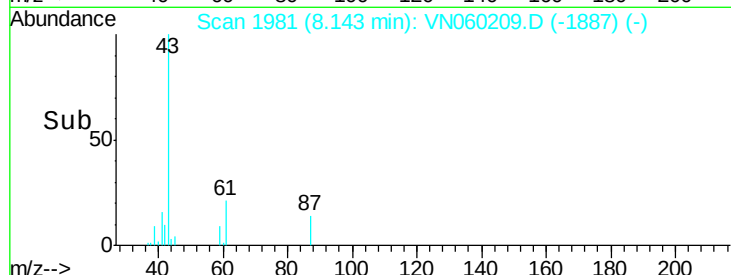
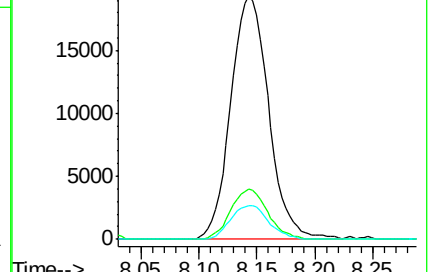
87 13.9 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VN060069.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060069.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060069.D (-1959) (-)



#50

Toluene-d8

Concen: 50.638 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060209.D

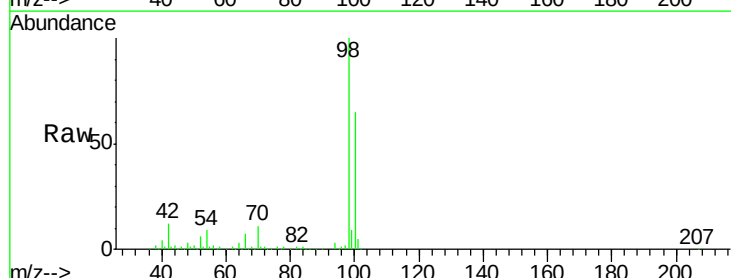
Acq: 24 Feb 2020 14:54

Tgt Ion: 98 Resp: 358085

Ion Ratio Lower Upper

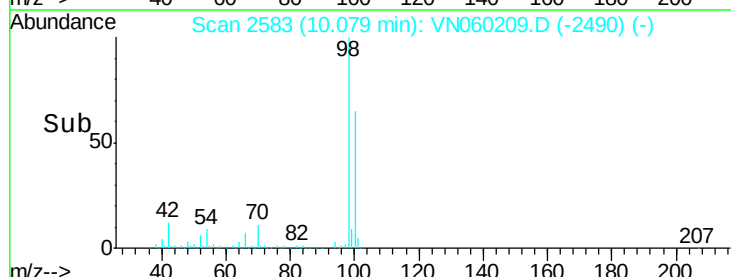
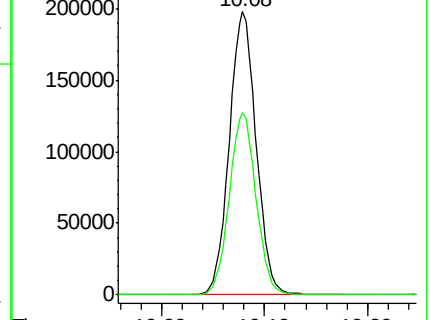
98 100

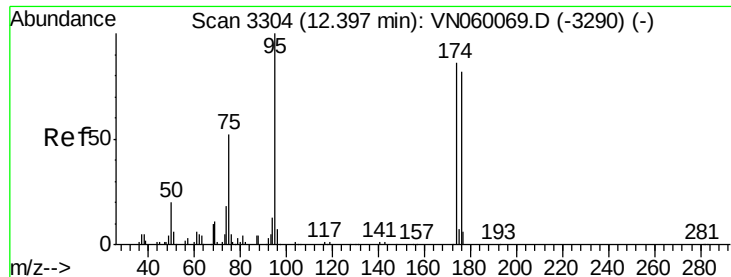
100 64.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN060069.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060069.D (-2567) (-)

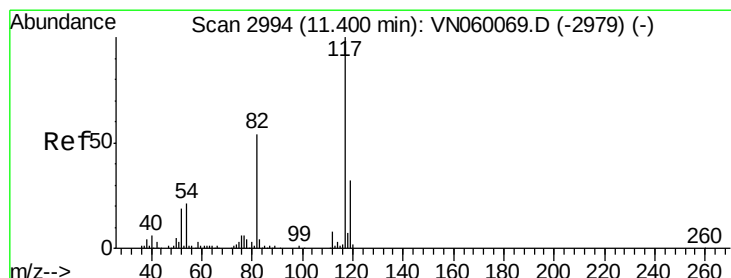
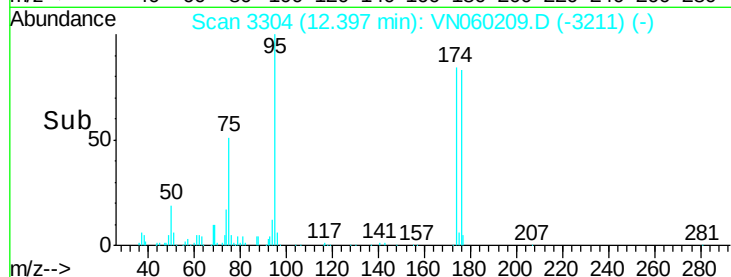
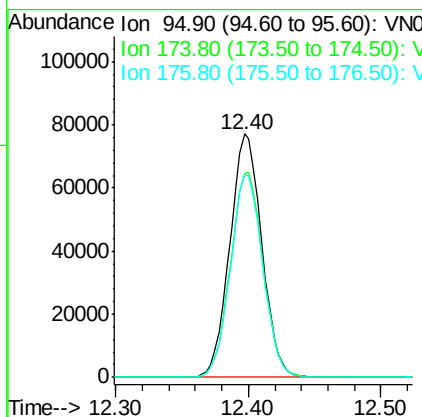
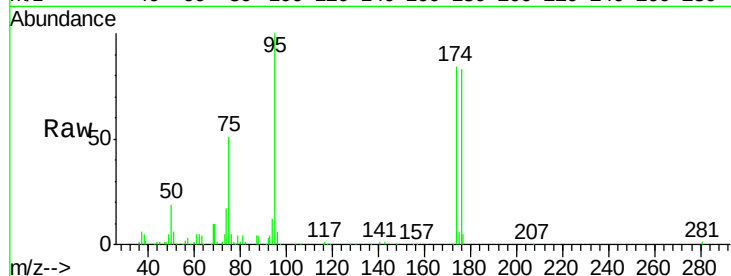




#62
4-Bromofluorobenzene
Concen: 49.690 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060209.D
Acq: 24 Feb 2020 14:54

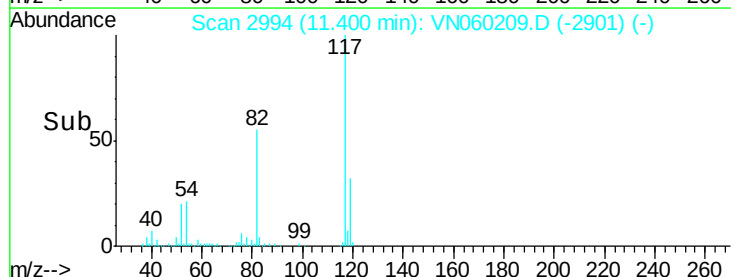
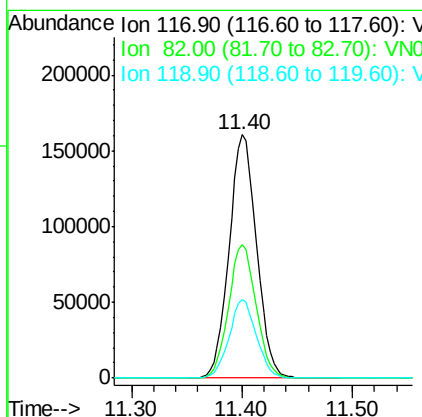
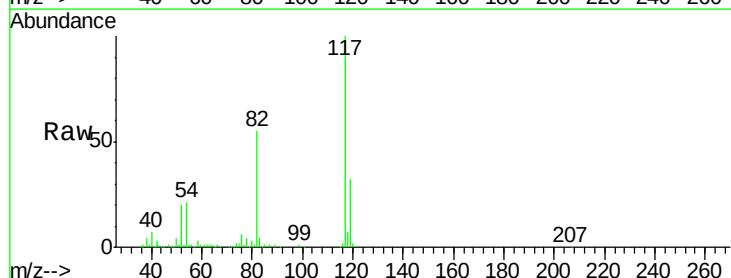
Instrument :
MSVOA_N
ClientSampleId :
PB127001ZHE#02

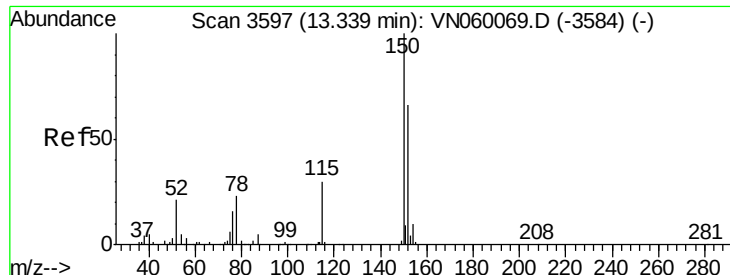
Tot Ion	Ratio	Lower	Upper
95	100		
174	86.0	0.0	169.8
176	84.3	0.0	164.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060209.D
Acq: 24 Feb 2020 14:54

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.4	65.0
119	32.2	25.8	38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060209.D

Acq: 24 Feb 2020 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB127001ZHE#02

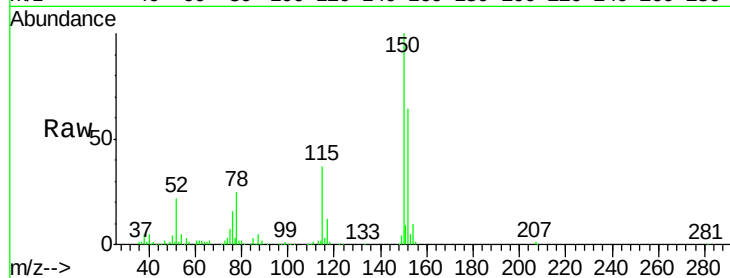
Tot Ion:152 Resp: 126278

Ion Ratio Lower Upper

152 100

115 57.3 28.9 86.8

150 156.5 0.0 342.4



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

