

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060536.D
 Acq On : 16 Mar 2020 20:08
 Operator : JC/MD
 Sample : PB127541ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#09

Quant Time: Mar 17 09:22:40 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

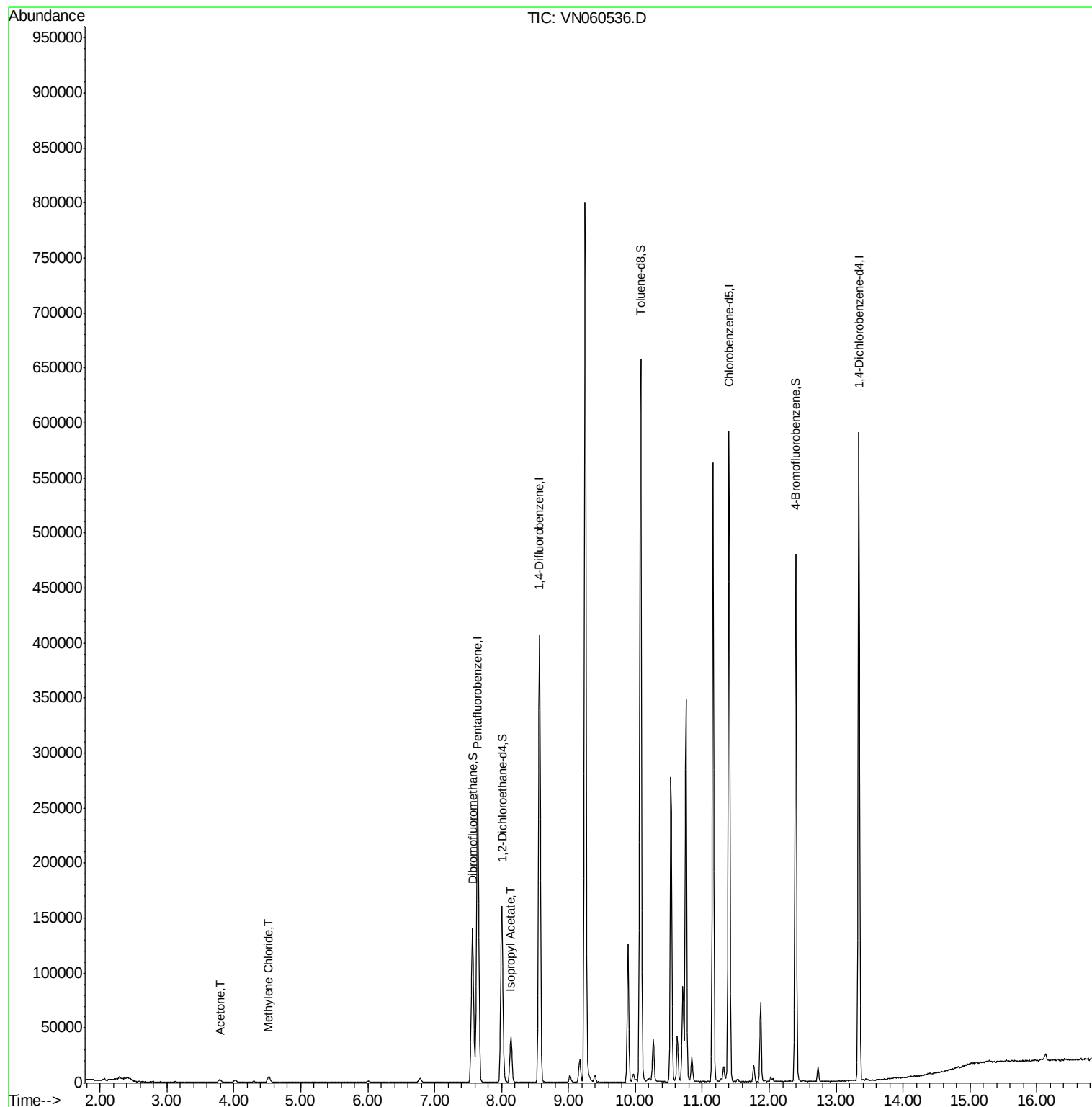
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	215462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	358888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	339288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	155208	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	138281	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.56	113	107826	64.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.46%	
50) Toluene-d8	10.08	98	445082	52.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.40	95	166329	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
Target Compounds						
16) Acetone	3.79	43	5357	6.001	ug/l	97
20) Methylene Chloride	4.52	84	4010	1.636	ug/l	98
43) Isopropyl Acetate	8.14	43	50782	8.956	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060536.D

Acq: 16 Mar 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

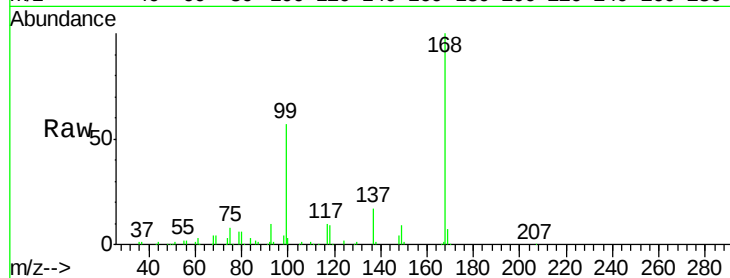
PB127541ZHE#09

Tot Ion:168 Resp: 215462

Ion Ratio Lower Upper

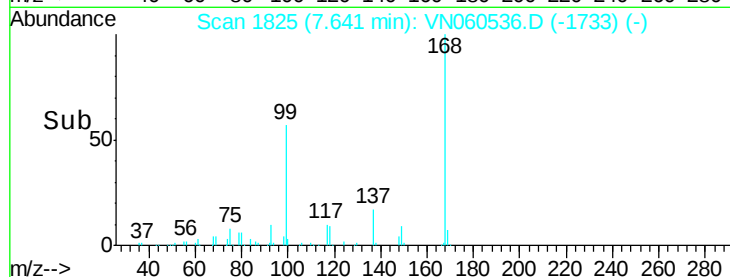
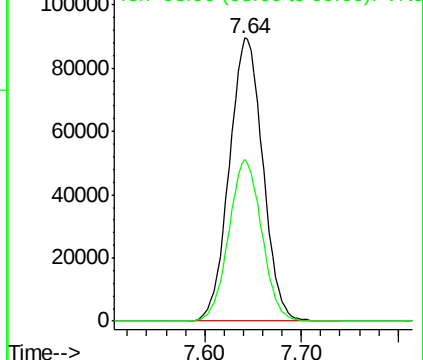
168 100

99 57.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN060536.D (-1733) (-)

Ion 98.90 (98.60 to 99.60): VN060536.D (-1733) (-)



#16

Acetone

Concen: 6.001 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060536.D

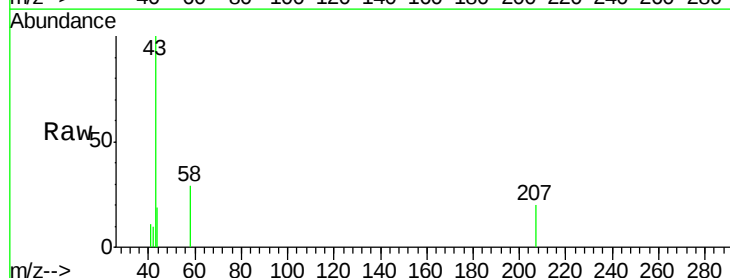
Acq: 16 Mar 2020 20:08

Tgt Ion: 43 Resp: 5357

Ion Ratio Lower Upper

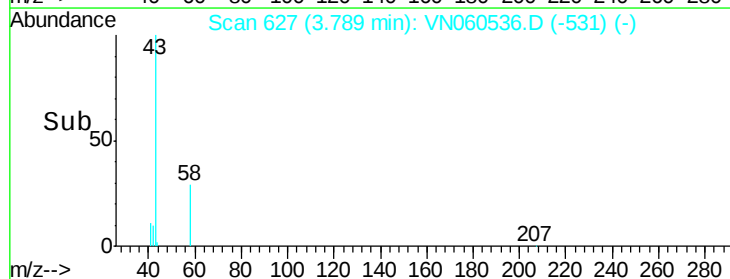
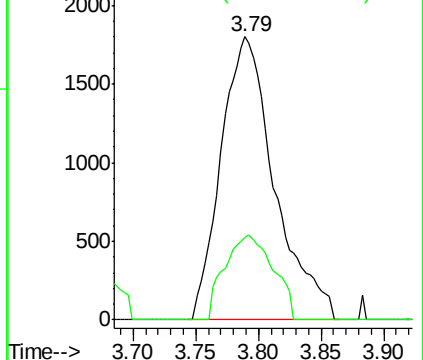
43 100

58 29.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060536.D (-531) (-)

Ion 58.00 (57.70 to 58.70): VN060536.D (-531) (-)

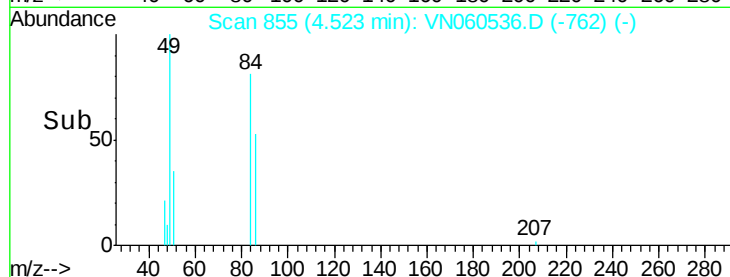
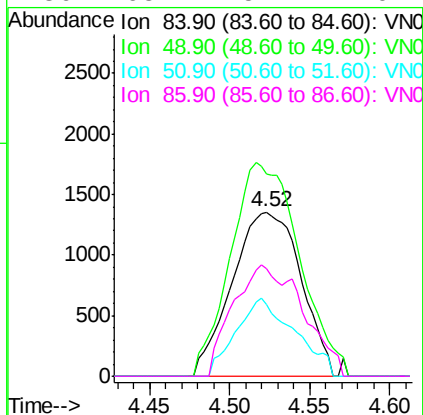
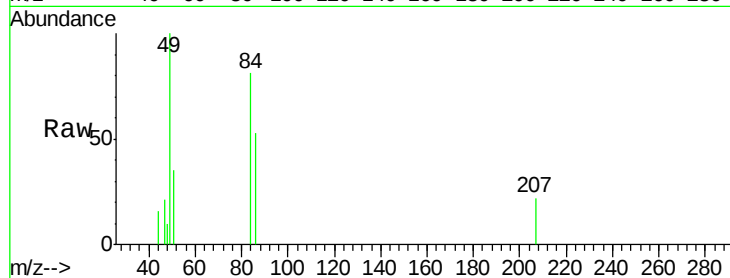




#20
Methvlene Chloride
Concen: 1.636 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060536.D
Acq: 16 Mar 2020 20:08

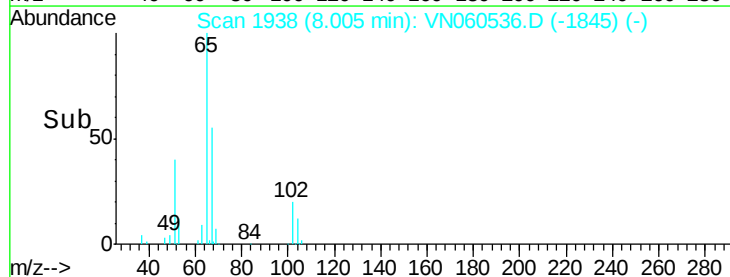
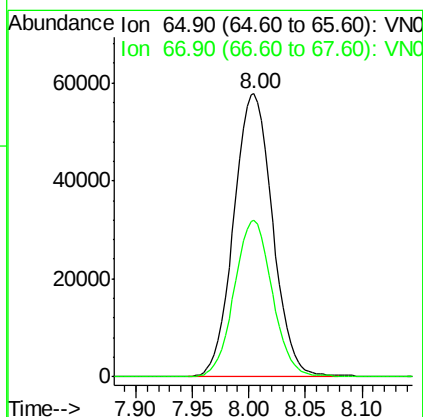
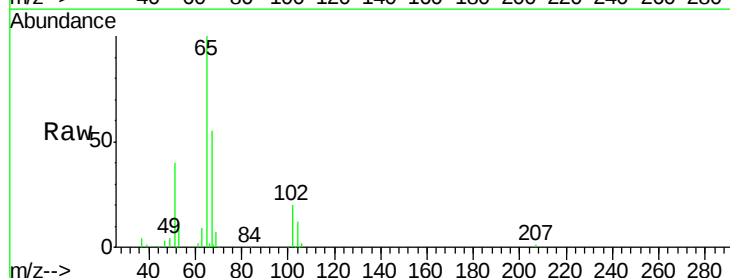
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#09

Tot Ion:	84	Resp:	4010
Ion	Ratio	Lower	Upper
84	100		
49	123.7	99.3	148.9
51	43.6	30.1	45.1
86	65.2	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.022 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060536.D
Acq: 16 Mar 2020 20:08

Tgt Ion:	65	Resp:	138281
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	103.8

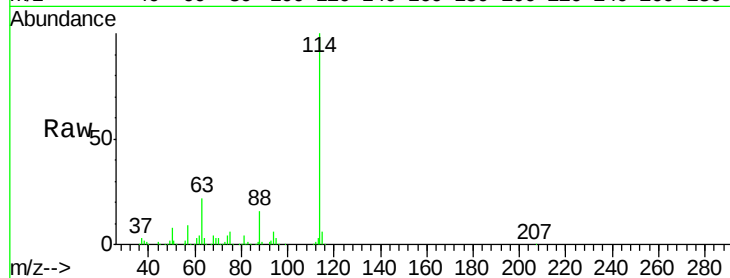




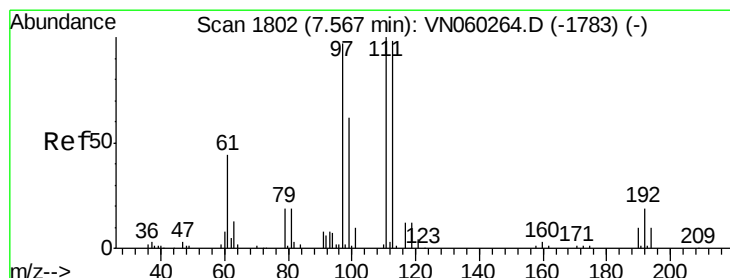
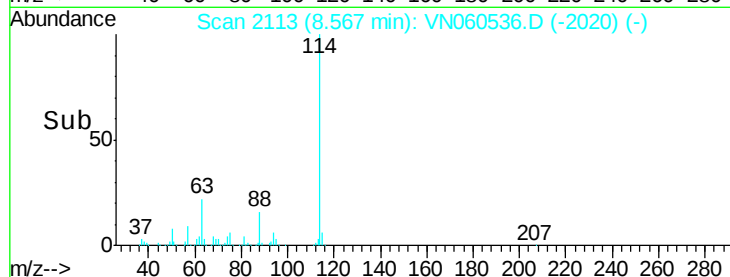
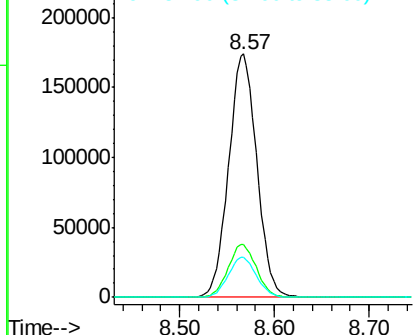
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060536.D
Acq: 16 Mar 2020 20:08

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#09

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.2
88	16.4	0.0	31.6

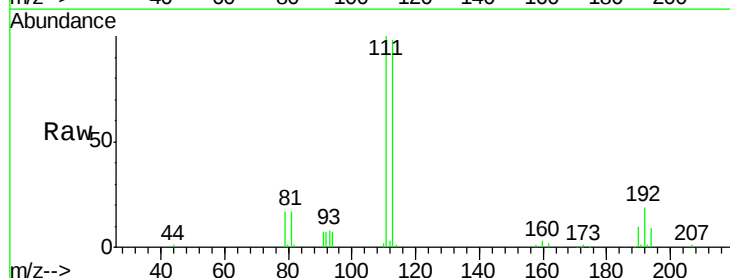


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

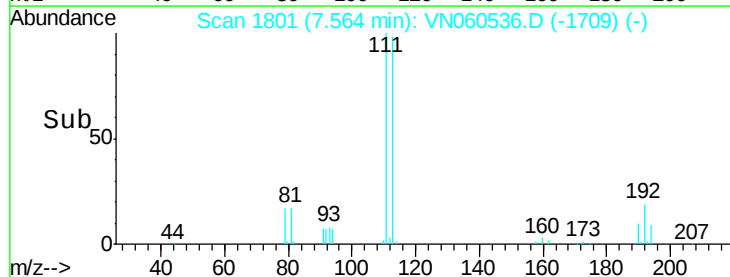
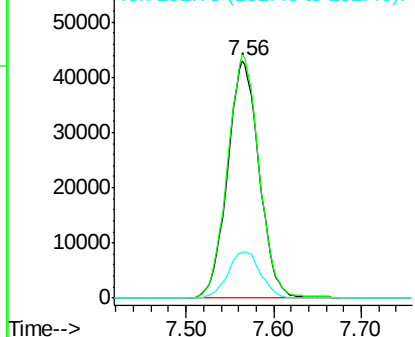


#35
Dibromofluoromethane
Concen: 64.728 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060536.D
Acq: 16 Mar 2020 20:08

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	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: 8.956 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060536.D

Acq: 16 Mar 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#09

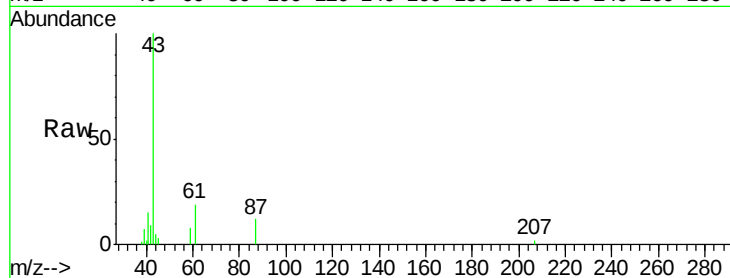
Tot Ion: 43 Resp: 50782

Ion Ratio Lower Upper

43 100

61 19.3 20.9 31.3#

87 11.7 10.6 16.0



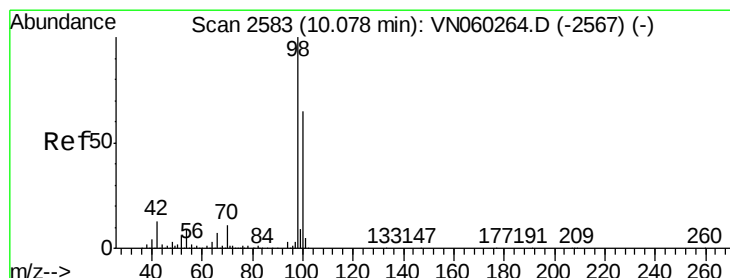
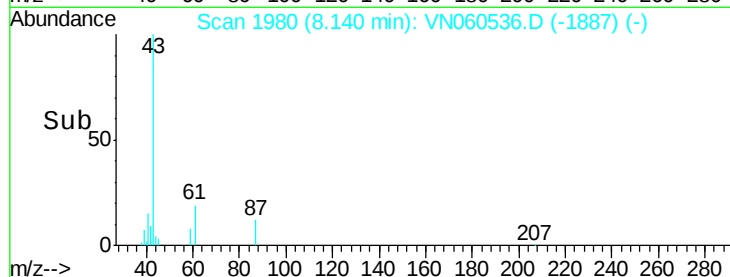
Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

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

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

Time-->

8.05 8.10 8.15 8.20 8.25



#50

Toluene-d8

Concen: 52.791 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060536.D

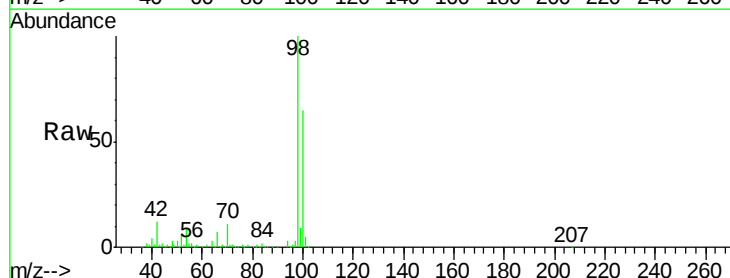
Acq: 16 Mar 2020 20:08

Tgt Ion: 98 Resp: 445082

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2

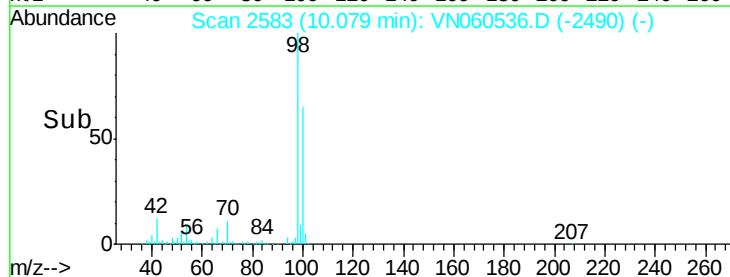


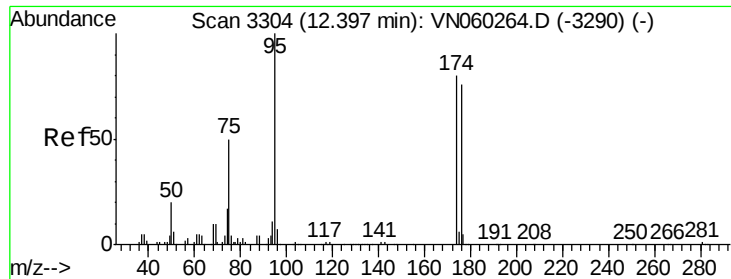
Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

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

Time-->

10.00 10.10 10.20

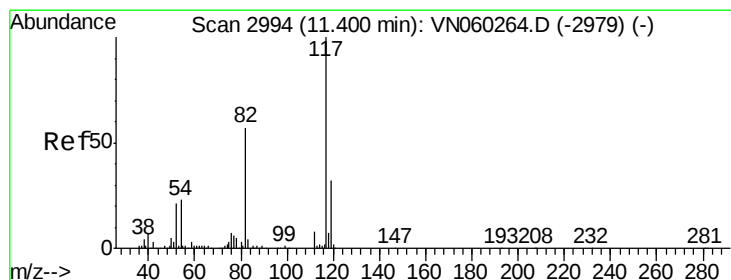
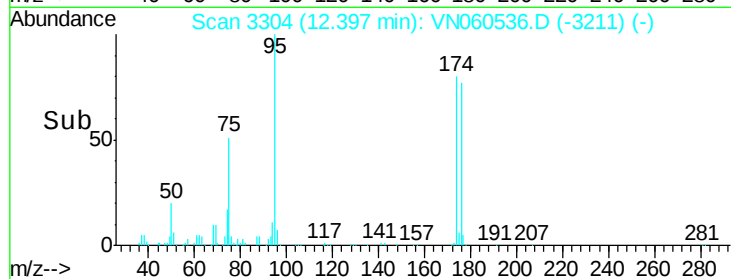
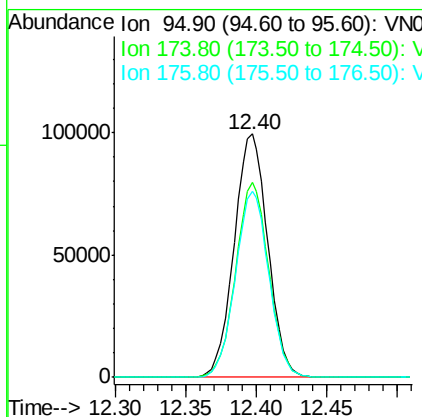
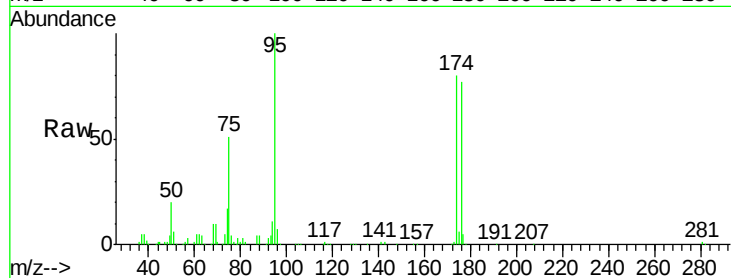




#62
4-Bromofluorobenzene
Concen: 52.043 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060536.D
Acq: 16 Mar 2020 20:08

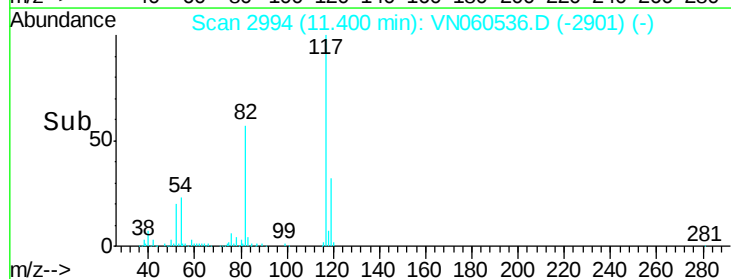
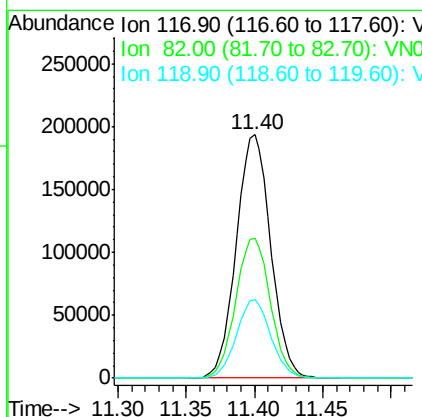
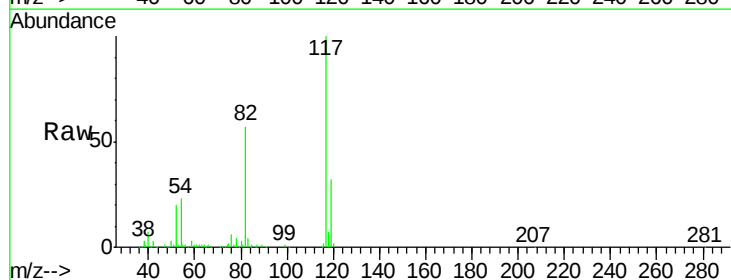
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#09

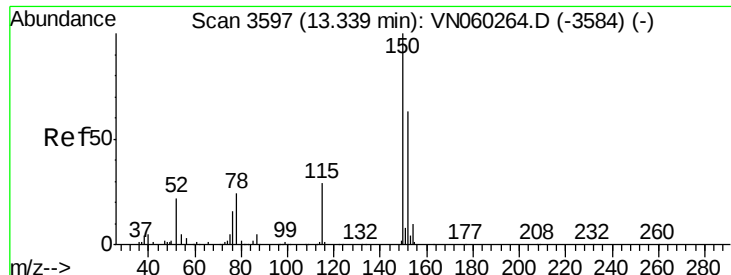
Tot Ion: 95 Resp: 166329
Ion Ratio Lower Upper
95 100
174 78.7 0.0 159.2
176 75.9 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060536.D
Acq: 16 Mar 2020 20:08

Tgt Ion: 117 Resp: 339288
Ion Ratio Lower Upper
117 100
82 57.4 45.8 68.6
119 32.1 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: VN060536.D

Acq: 16 Mar 2020 20:08

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#09

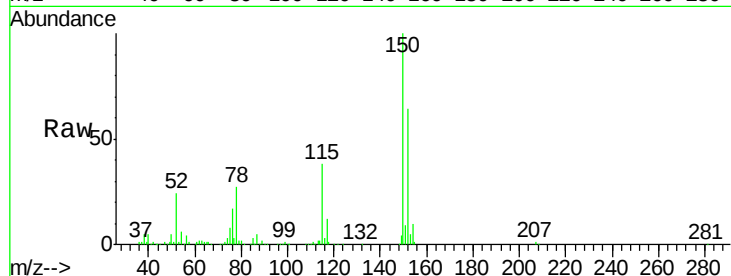
Tot Ion:152 Resp: 155208

Ion Ratio Lower Upper

152 100

115 60.4 30.0 90.0

150 157.1 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

