

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060539.D
 Acq On : 16 Mar 2020 21:16
 Operator : JC/MD
 Sample : PB127541ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#12

Quant Time: Mar 17 09:14:47 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

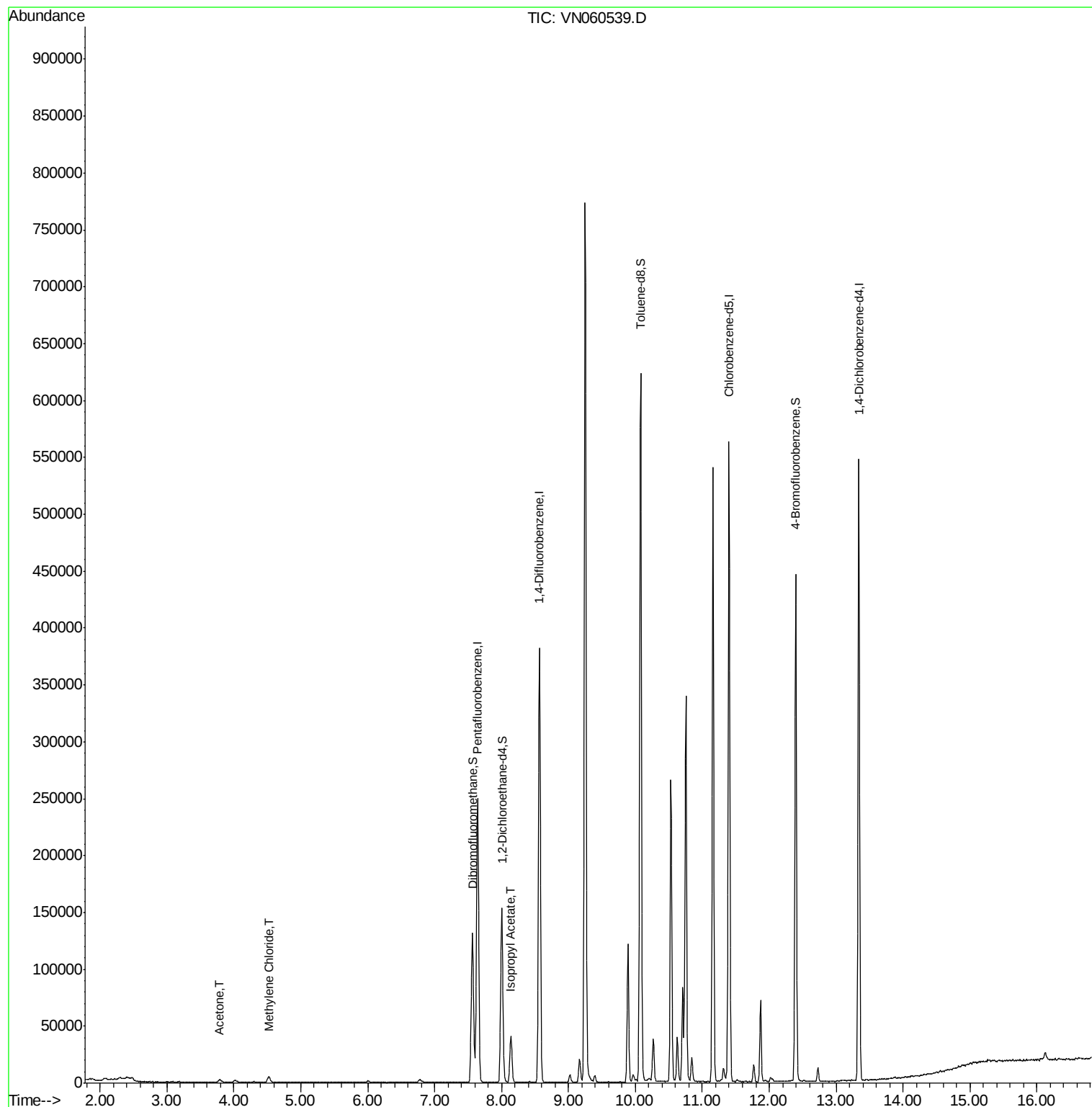
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203217	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	340172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	319917	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145699	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	131847	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.56	113	101608	64.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.70%	
50) Toluene-d8	10.08	98	421434	52.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.48%	
62) 4-Bromofluorobenzene	12.40	95	156219	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
Target Compounds						
16) Acetone	3.79	43	5397	6.410	ug/l	98
20) Methylene Chloride	4.53	84	4154	1.796	ug/l	94
43) Isopropyl Acetate	8.14	43	49989	9.302	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: VN060539.D

Acq: 16 Mar 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

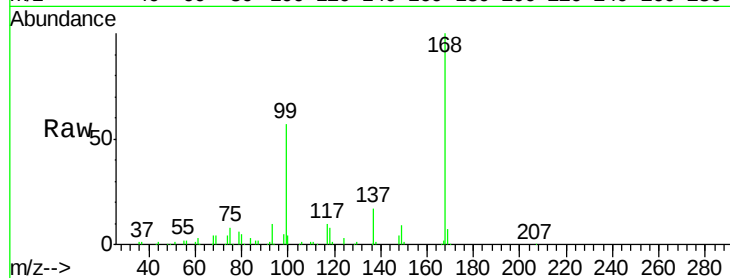
PB127541ZHE#12

Tot Ion:168 Resp: 203217

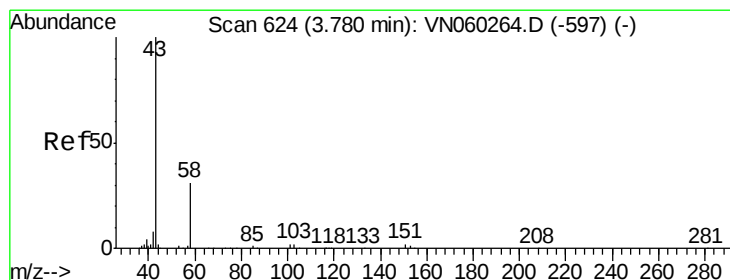
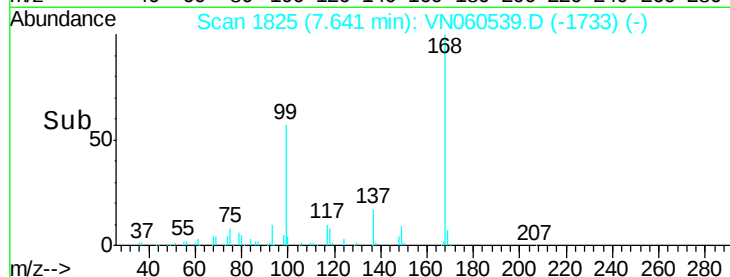
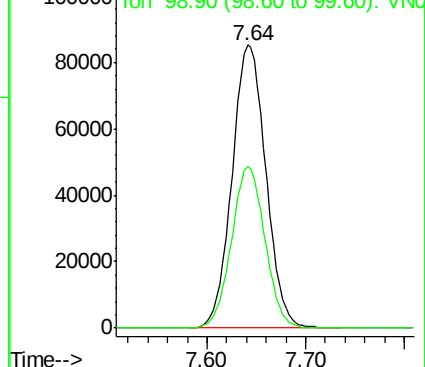
Ion Ratio Lower Upper

168 100

99 57.4 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN060539.D (-1733) (-)



#16

Acetone

Concen: 6.410 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060539.D

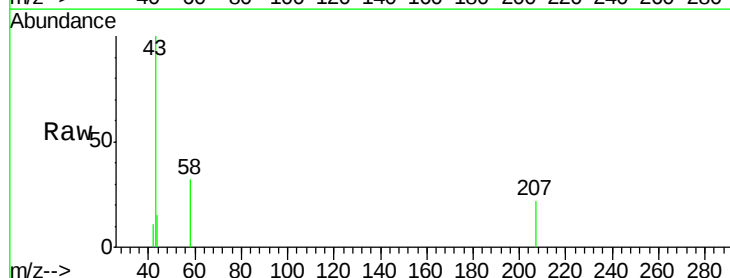
Acq: 16 Mar 2020 21:16

Tgt Ion: 43 Resp: 5397

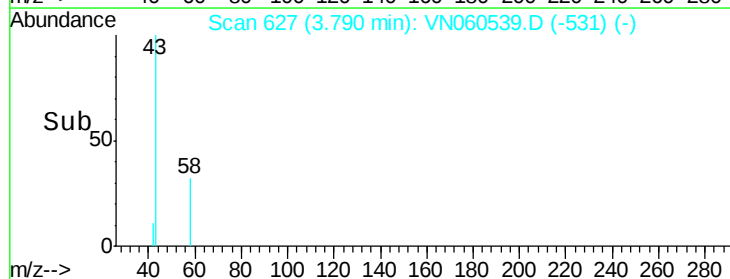
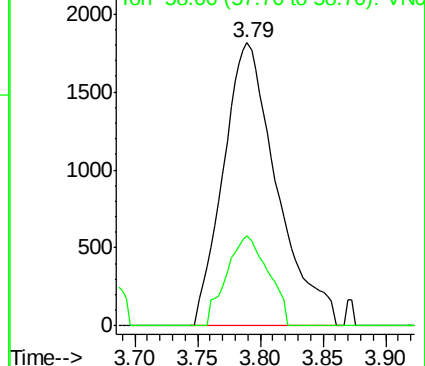
Ion Ratio Lower Upper

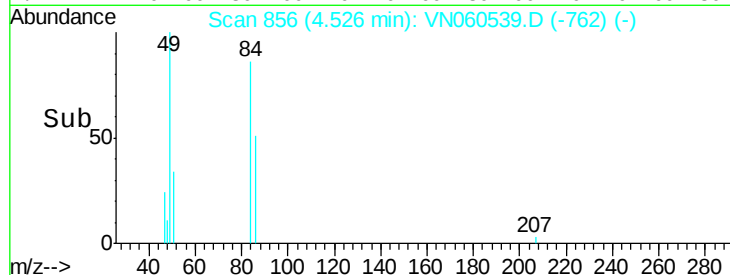
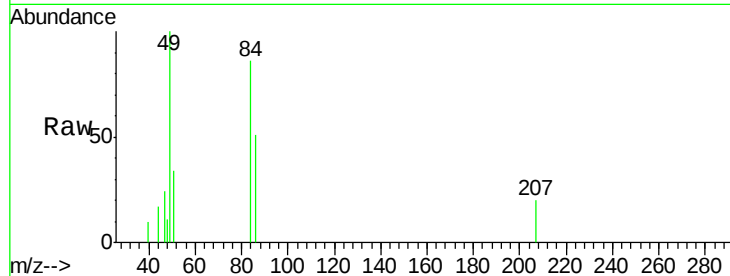
43 100

58 31.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN060539.D (-531) (-)

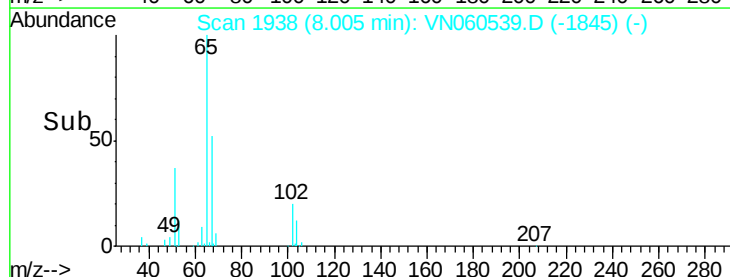
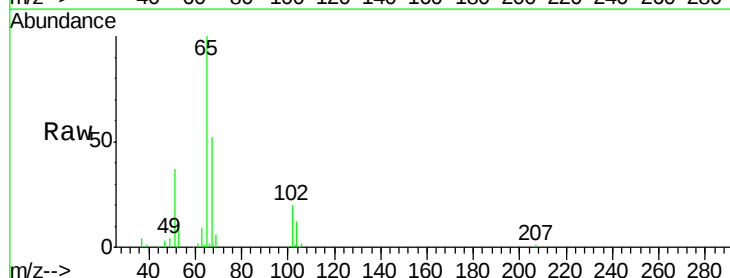
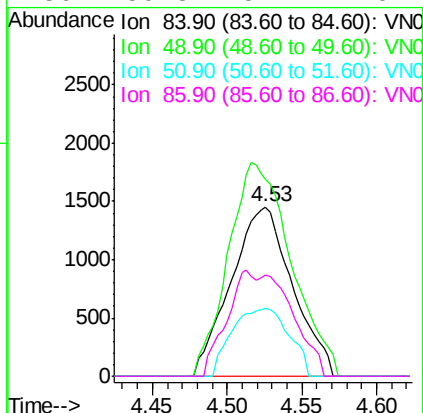




#20
Methvlene Chloride
Concen: 1.796 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060539.D
Acq: 16 Mar 2020 21:16

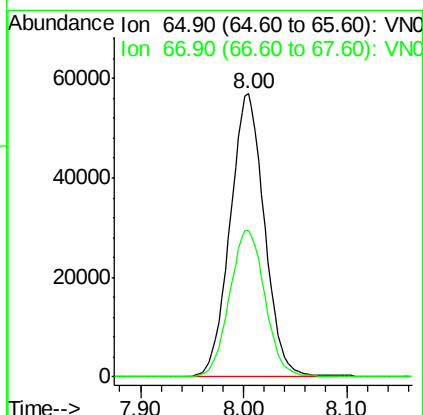
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#12

Tot Ion:	84	Resp:	4154
Ion	Ratio	Lower	Upper
84	100		
49	116.7	99.3	148.9
51	39.9	30.1	45.1
86	59.8	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.568 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060539.D
Acq: 16 Mar 2020 21:16

Tgt Ion:	65	Resp:	131847
Ion	Ratio	Lower	Upper
65	100		
67	53.5	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: VN060539.D

Acq: 16 Mar 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#12

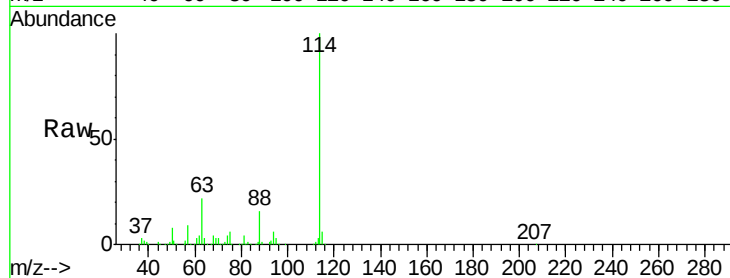
Tot Ion:114 Resp: 340172

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

88 16.2 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

200000

150000

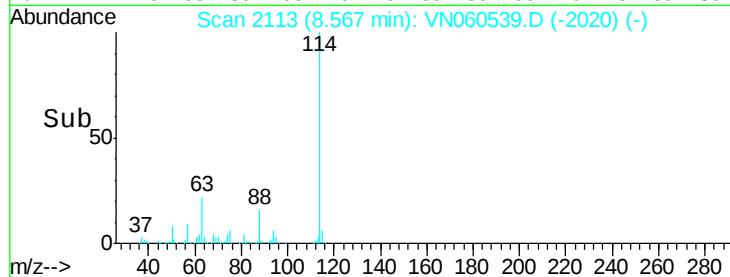
100000

50000

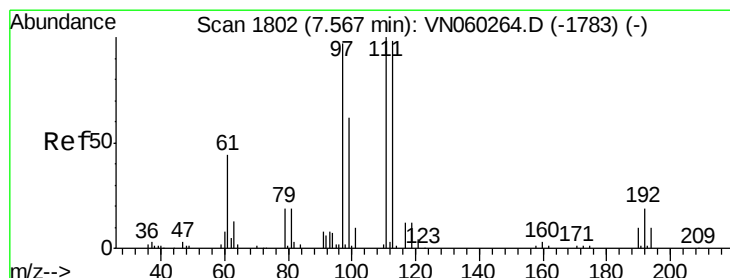
0

8.57

8.45 8.50 8.55 8.60 8.65



Time-->



#35

Dibromofluoromethane

Concen: 64.351 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060539.D

Acq: 16 Mar 2020 21:16

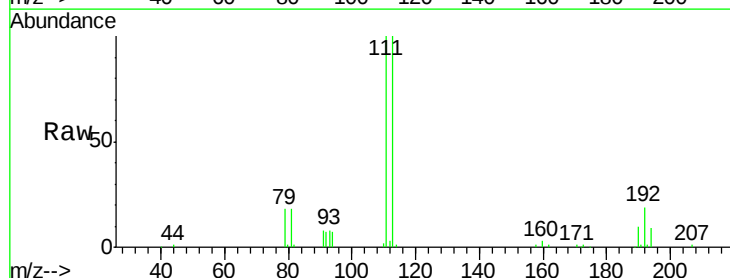
Tgt Ion:113 Resp: 101608

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 19.8 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

50000

40000

30000

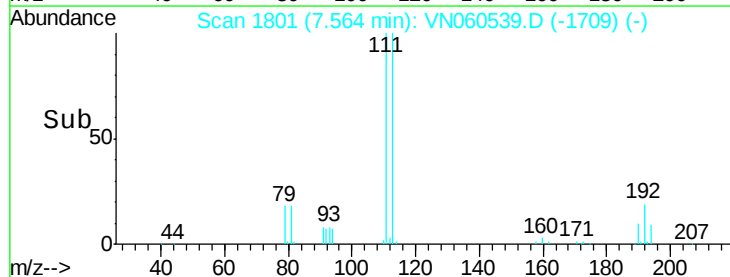
20000

10000

0

7.56

7.50 7.55 7.60 7.65



Time-->



#43

Isopropyl Acetate

Concen: 9.302 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060539.D

Acq: 16 Mar 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#12

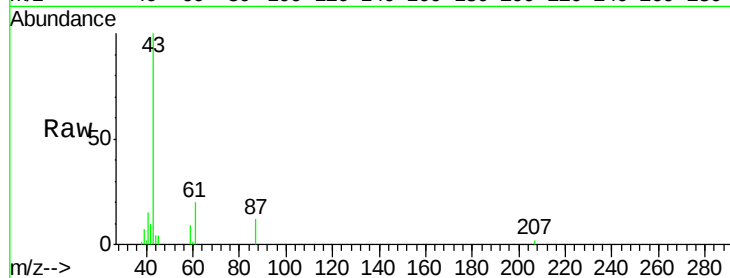
Tot Ion: 43 Resp: 49989

Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

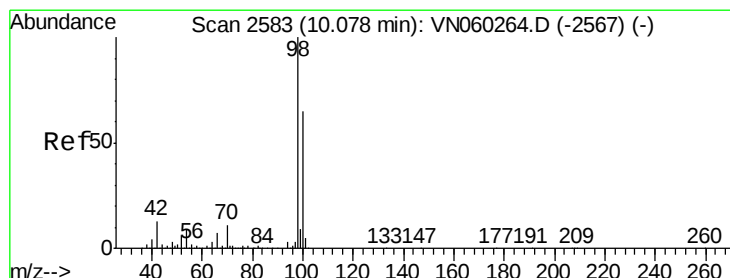
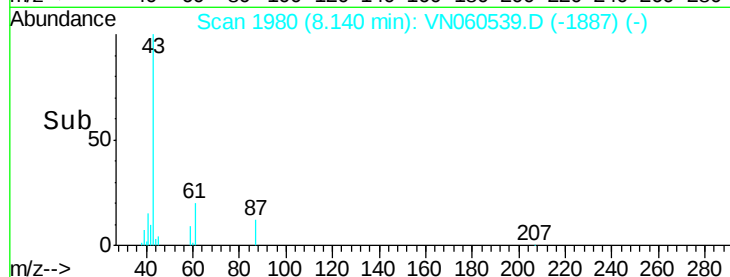
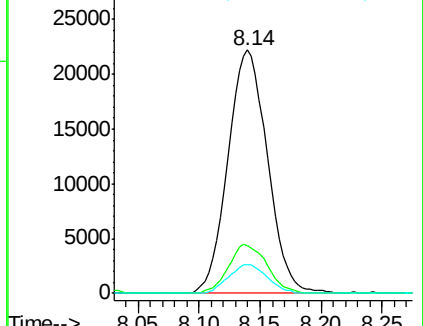
87 11.6 10.6 16.0



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: 52.736 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060539.D

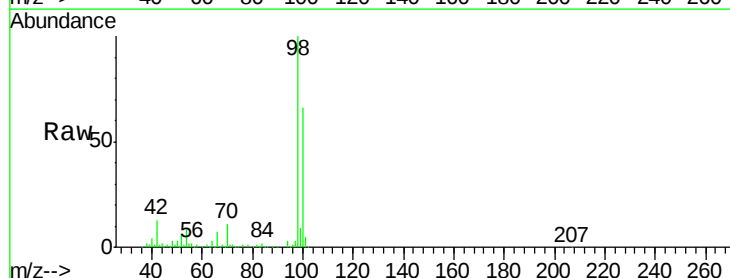
Acq: 16 Mar 2020 21:16

Tgt Ion: 98 Resp: 421434

Ion Ratio Lower Upper

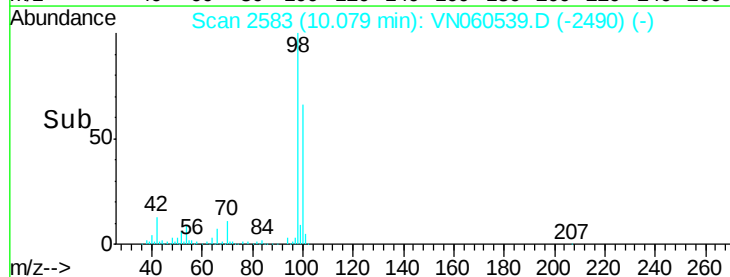
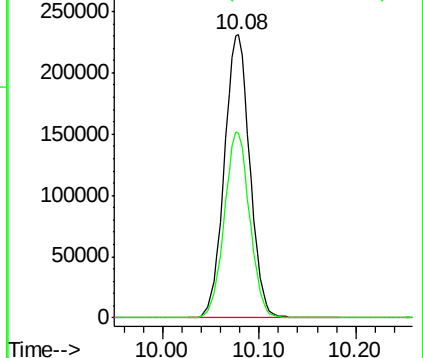
98 100

100 65.2 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) (-)

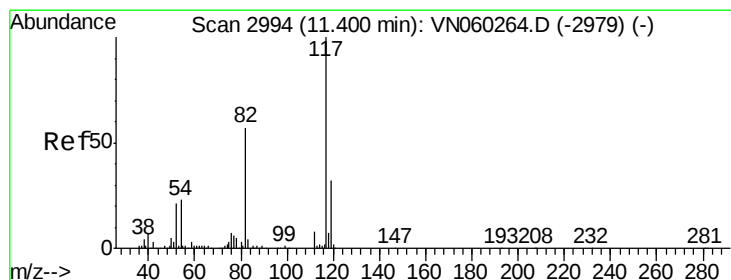
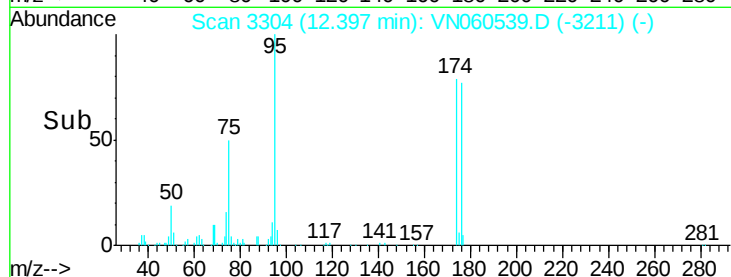
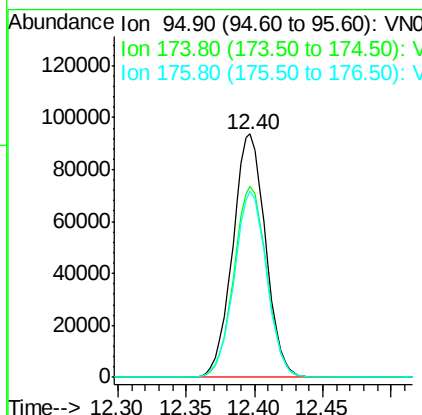
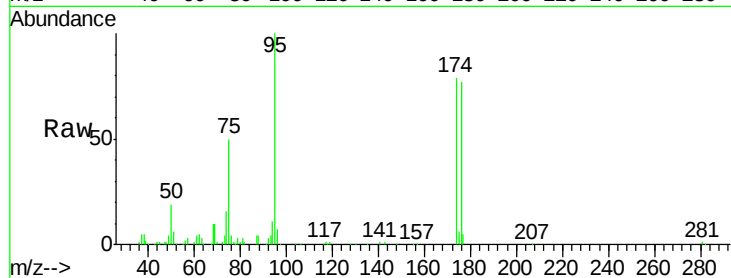




#62
4-Bromofluorobenzene
Concen: 51.569 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN060539.D
Acq: 16 Mar 2020 21:16

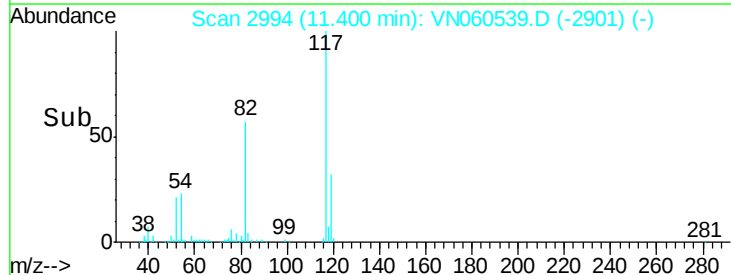
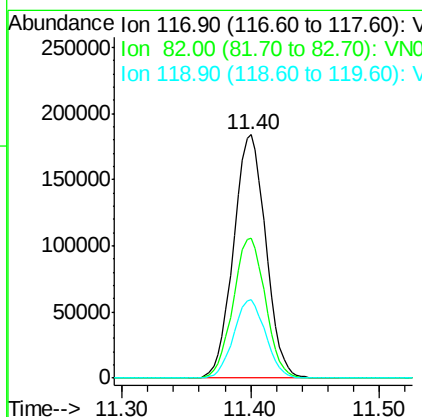
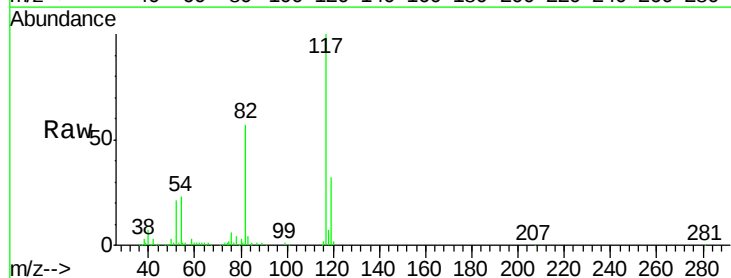
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#12

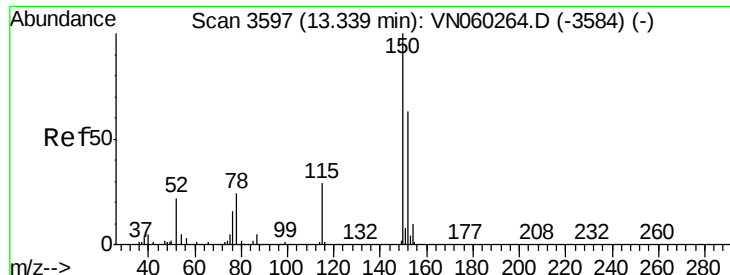
Tot Ion: 95 Resp: 156219
Ion Ratio Lower Upper
95 100
174 78.4 0.0 159.2
176 75.8 0.0 153.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060539.D
Acq: 16 Mar 2020 21:16

Tgt Ion: 117 Resp: 319917
Ion Ratio Lower Upper
117 100
82 57.4 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: VN060539.D

Acq: 16 Mar 2020 21:16

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#12

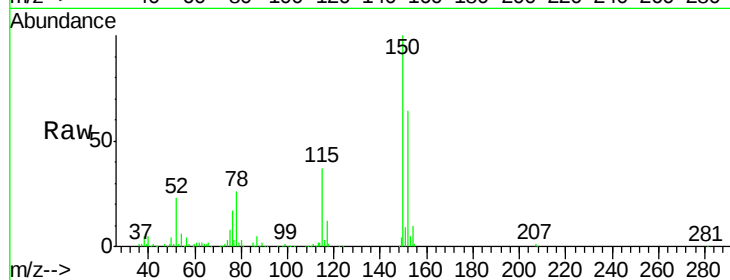
Tot Ion:152 Resp: 145699

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 156.8 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

