

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060532.D
 Acq On : 16 Mar 2020 18:38
 Operator : JC/MD
 Sample : PB127541ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#05

Quant Time: Mar 17 09:30:55 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

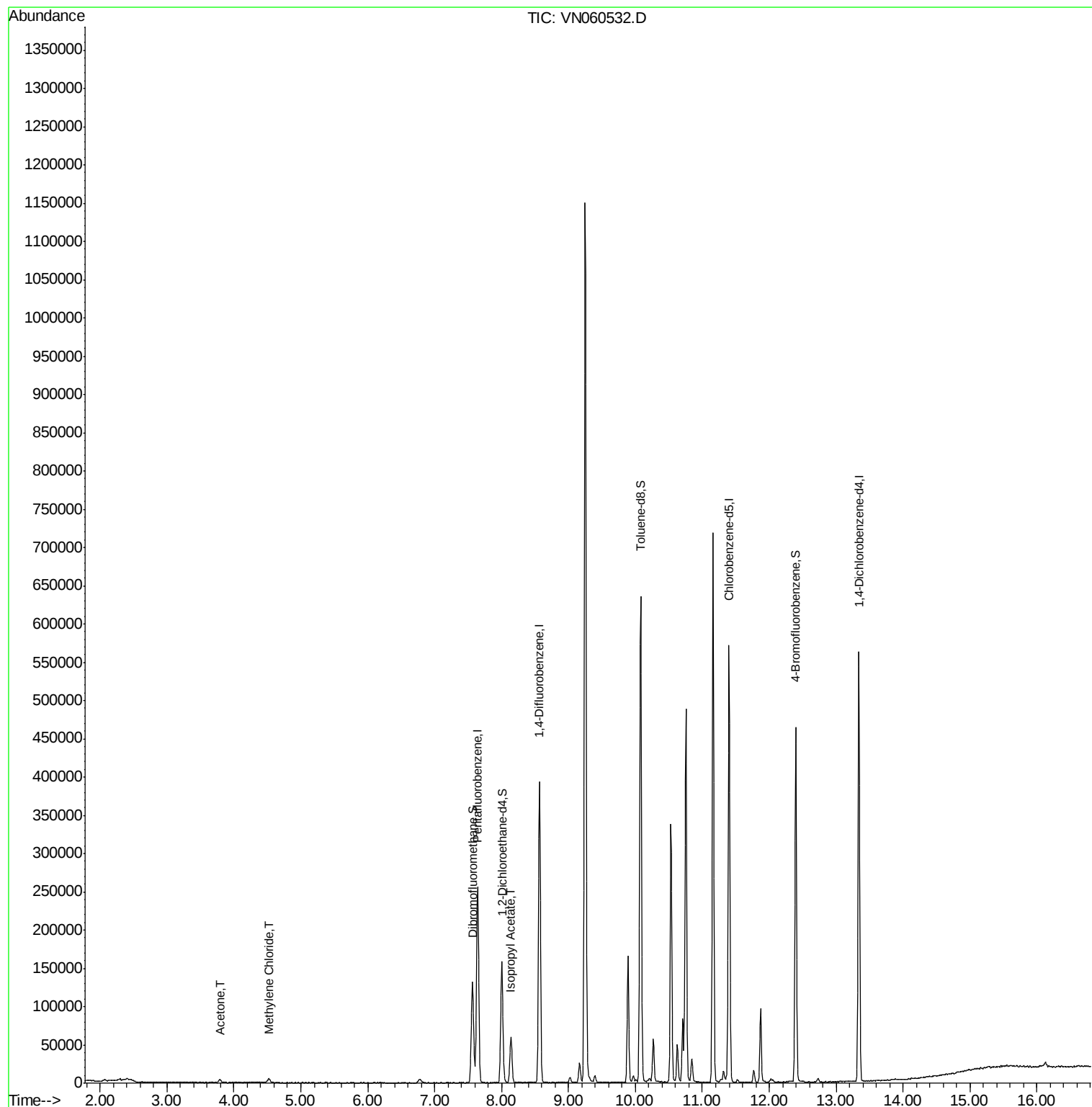
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	208130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	349501	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	325655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	149334	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	136388	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.57	113	103031	63.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.02%	
50) Toluene-d8	10.08	98	431579	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	161875	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
Target Compounds						
16) Acetone	3.79	43	7246	8.403	ug/l	97
20) Methylene Chloride	4.52	84	4259	1.798	ug/l	95
43) Isopropyl Acetate	8.14	43	71671	12.980	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

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Acq: 16 Mar 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

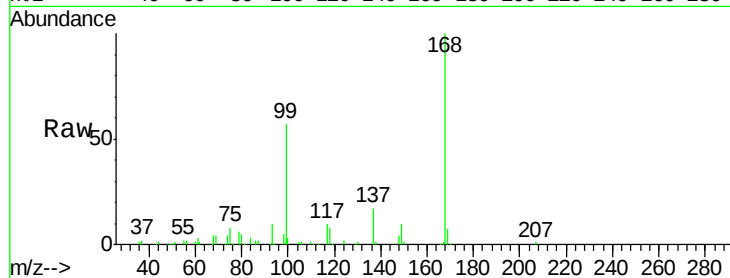
PB127541ZHE#05

Tot Ion:168 Resp: 208130

Ion Ratio Lower Upper

168 100

99 57.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

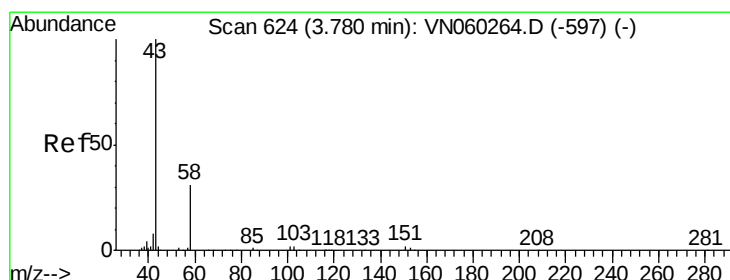
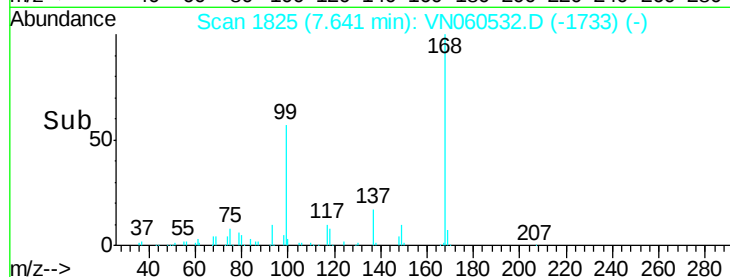
40000

20000

0

7.60 7.70

Time-->



#16

Acetone

Concen: 8.403 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060532.D

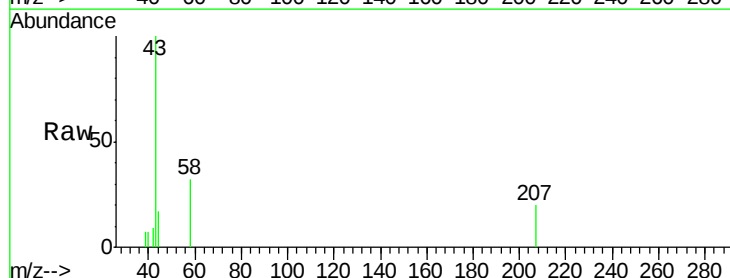
Acq: 16 Mar 2020 18:38

Tgt Ion: 43 Resp: 7246

Ion Ratio Lower Upper

43 100

58 32.3 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.79

2500

2000

1500

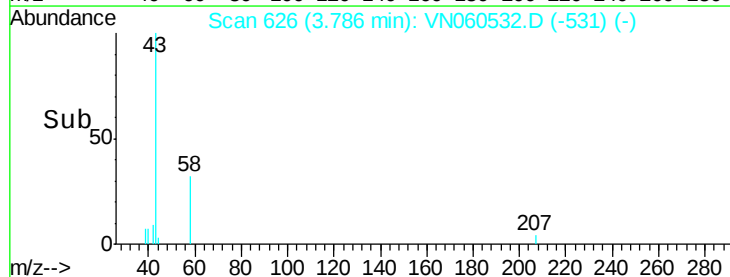
1000

500

0

3.70 3.75 3.80 3.85 3.90

Time-->

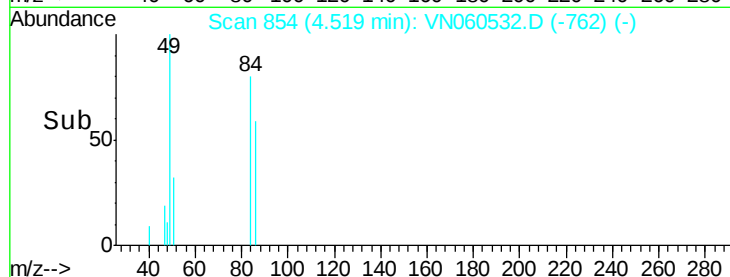
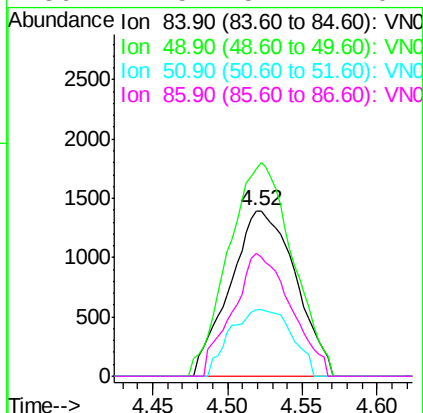
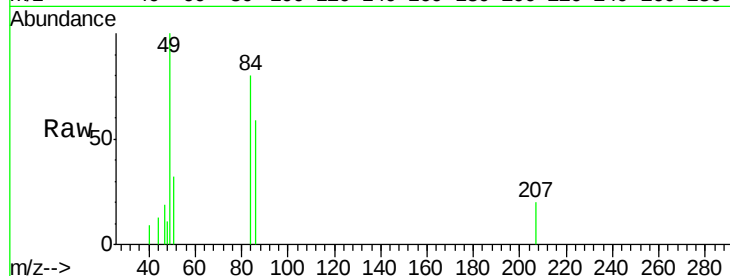




#20
Methvlene Chloride
Concen: 1.798 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060532.D
Acq: 16 Mar 2020 18:38

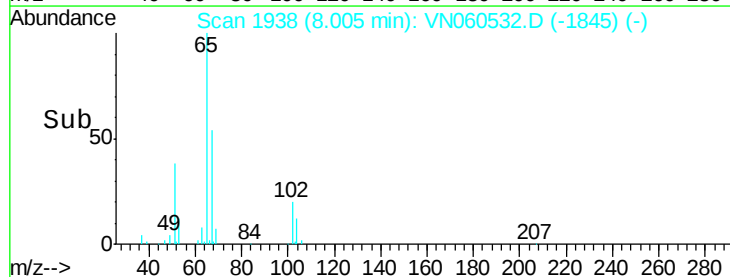
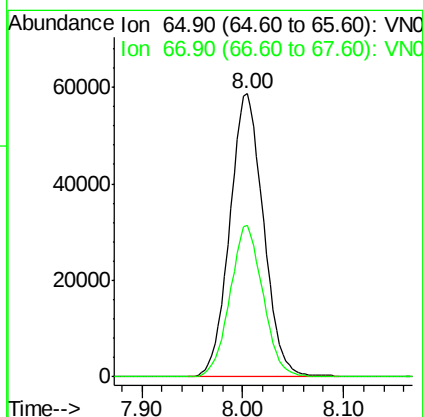
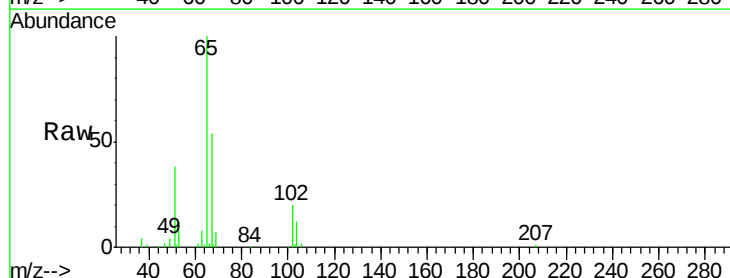
Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#05

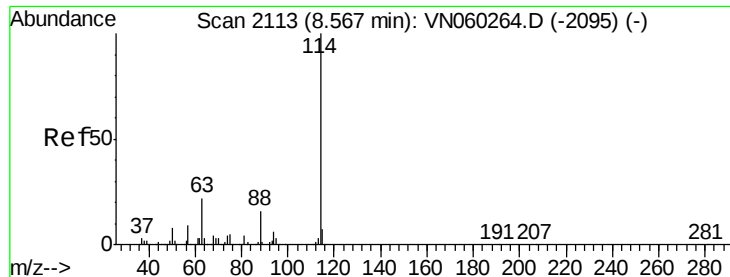
Tot Ion:	84	Resp:	4259
Ion	Ratio	Lower	Upper
84	100		
49	125.2	99.3	148.9
51	40.0	30.1	45.1
86	74.5	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 51.075 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. -0.00 min
Lab File: VN060532.D
Acq: 16 Mar 2020 18:38

Tgt Ion:	65	Resp:	136388
Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	103.8

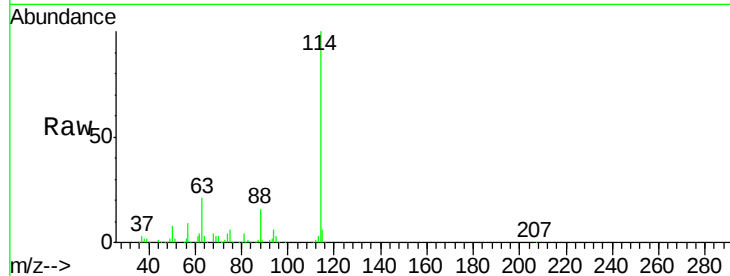




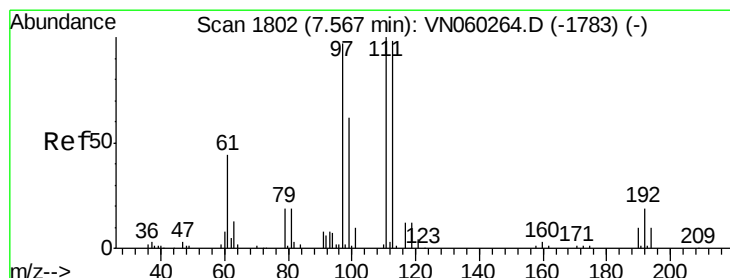
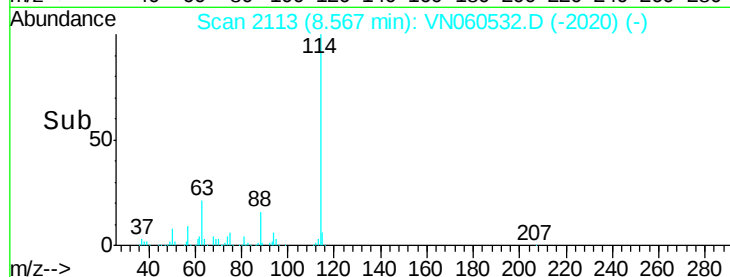
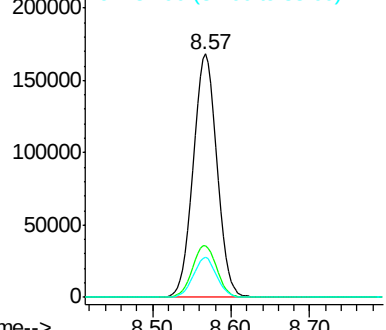
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060532.D
Acq: 16 Mar 2020 18:38

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#05

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	43.2
88	16.5	0.0	31.6

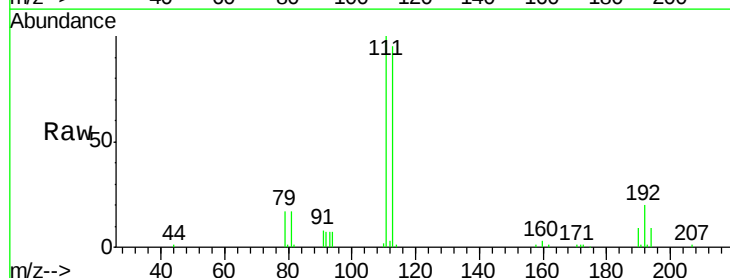


Abundance Ion 113.90 (113.60 to 114.60): V

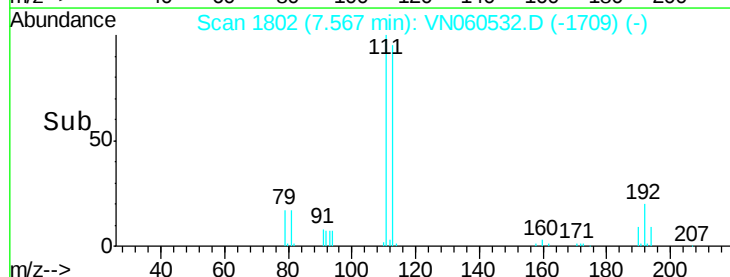
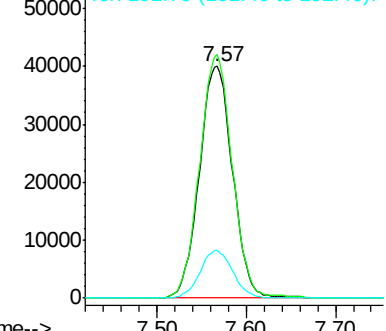


#35
Dibromofluoromethane
Concen: 63.510 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060532.D
Acq: 16 Mar 2020 18:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	20.2	16.2	24.2



Abundance Ion 112.80 (112.50 to 113.50): V





#43

Isopropyl Acetate

Concen: 12.980 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060532.D

Acq: 16 Mar 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#05

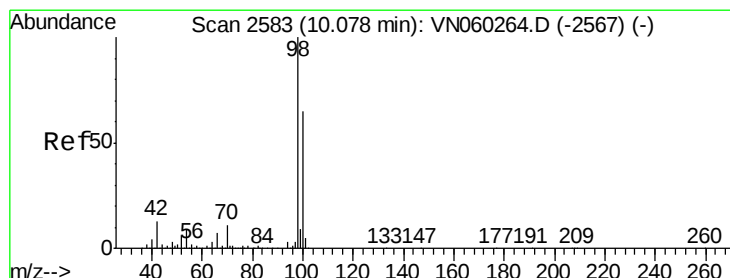
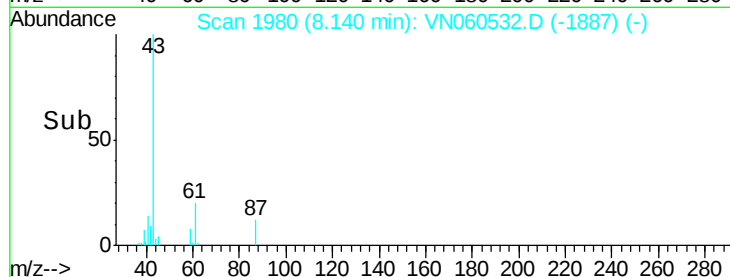
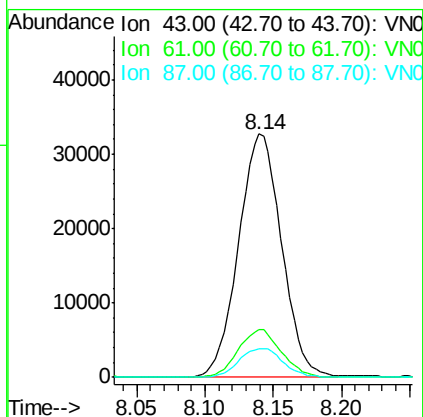
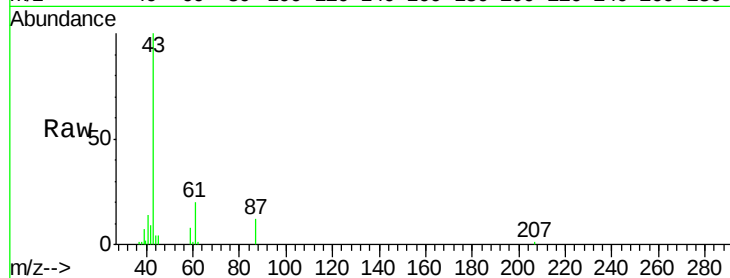
Tot Ion: 43 Resp: 71671

Ion Ratio Lower Upper

43 100

61 19.6 20.9 31.3#

87 12.0 10.6 16.0



#50

Toluene-d8

Concen: 52.564 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060532.D

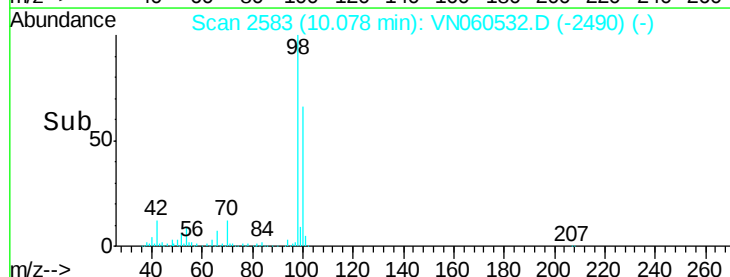
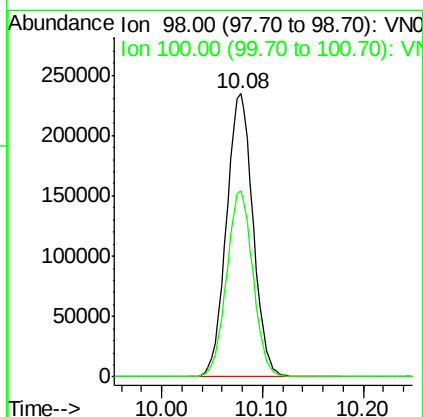
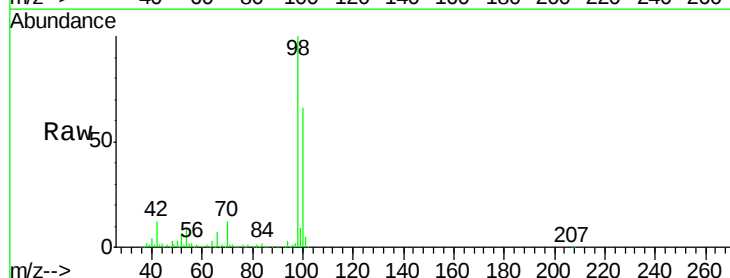
Acq: 16 Mar 2020 18:38

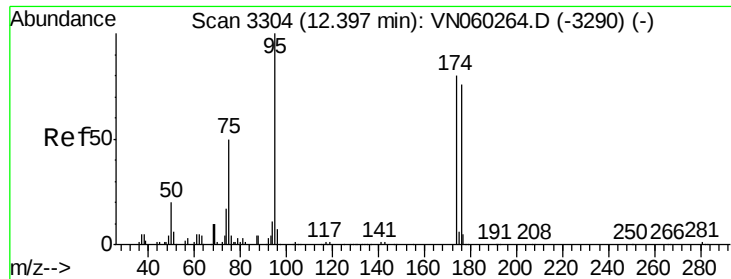
Tgt Ion: 98 Resp: 431579

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2





#62

4-Bromofluorobenzene

Concen: 52.010 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060532.D

Acq: 16 Mar 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#05

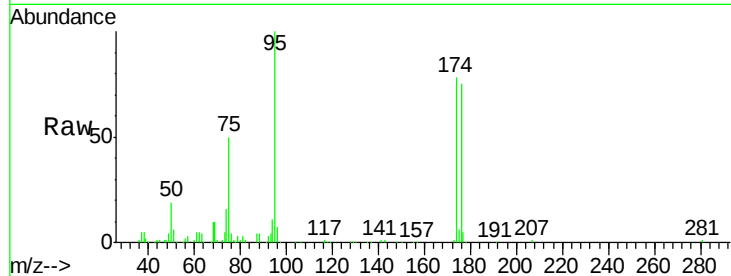
Tot Ion: 95 Resp: 161875

Ion Ratio Lower Upper

95 100

174 77.3 0.0 159.2

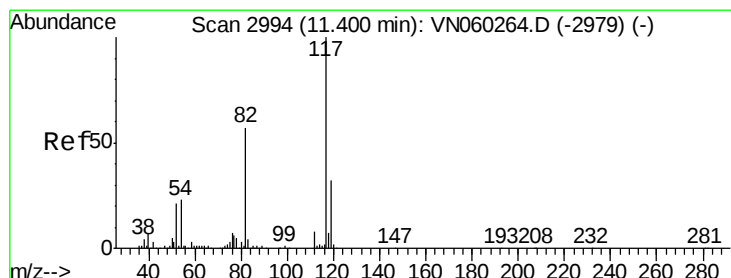
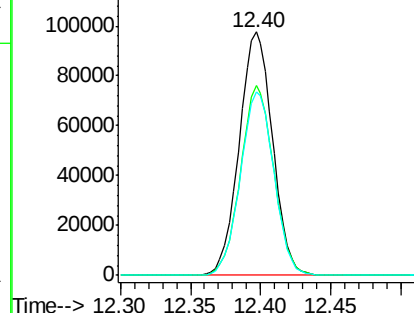
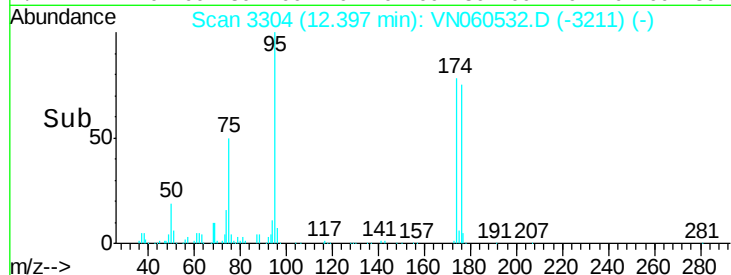
176 75.8 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060532.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060532.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060532.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060532.D

Acq: 16 Mar 2020 18:38

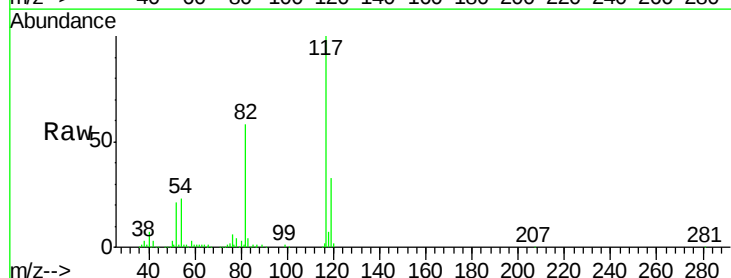
Tgt Ion: 117 Resp: 325655

Ion Ratio Lower Upper

117 100

82 57.5 45.8 68.6

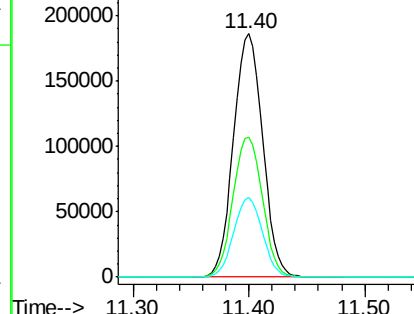
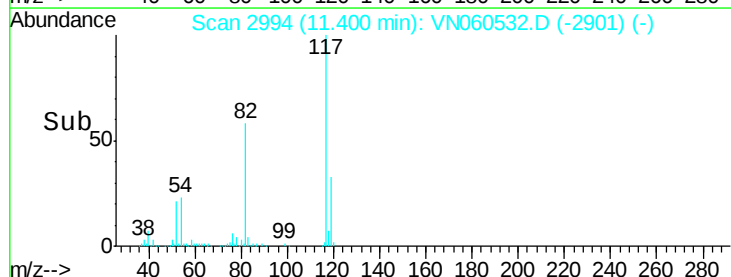
119 32.7 25.8 38.8

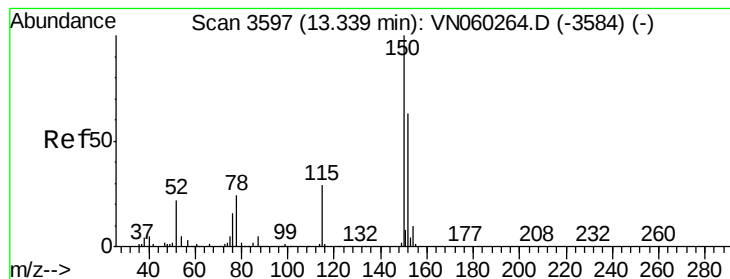


Abundance Ion 116.90 (116.60 to 117.60): VN060532.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060532.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060532.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060532.D

Acq: 16 Mar 2020 18:38

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#05

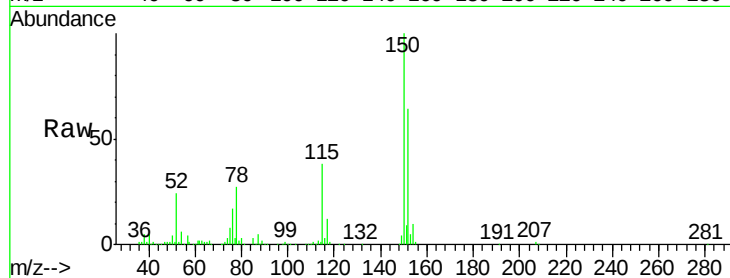
Tot Ion:152 Resp: 149334

Ion Ratio Lower Upper

152 100

115 59.2 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

