

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060741.D
 Acq On : 27 Mar 2020 14:53
 Operator : JC/MD
 Sample : PB127814ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#06

Quant Time: Mar 30 00:50:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

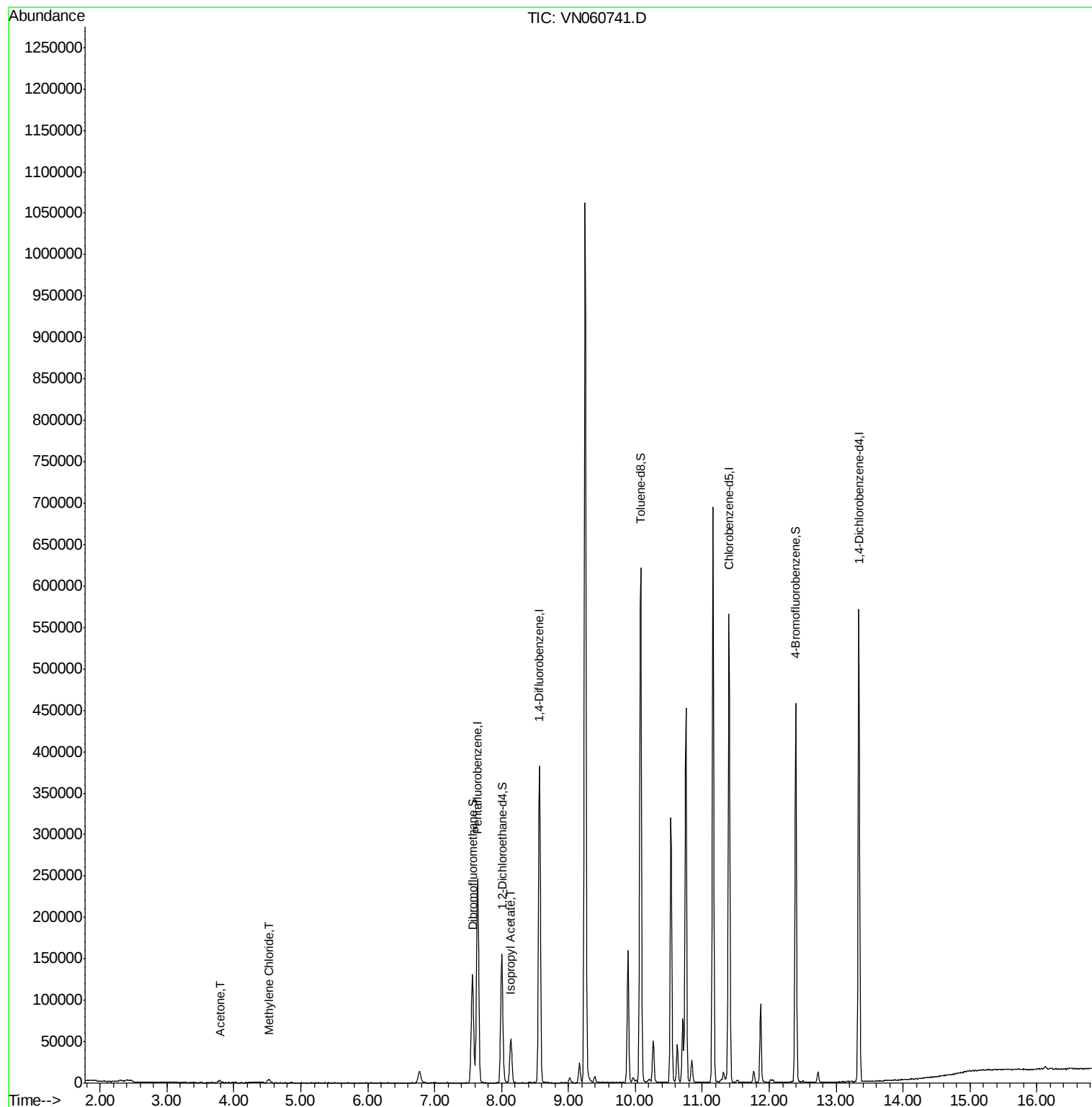
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	203296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	341584	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	321445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148130	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	133513	47.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.68%	
35) Dibromofluoromethane	7.57	113	100624	48.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.44%	
50) Toluene-d8	10.08	98	423391	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.40	95	159078	51.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.90%	
Target Compounds						
16) Acetone	3.78	43	5660	5.726	ug/l	96
20) Methylene Chloride	4.53	84	3339	1.373	ug/l	95
43) Isopropyl Acetate	8.14	43	63934	10.847	ug/l #	92

(#) = 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: VN060741.D

Acq: 27 Mar 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

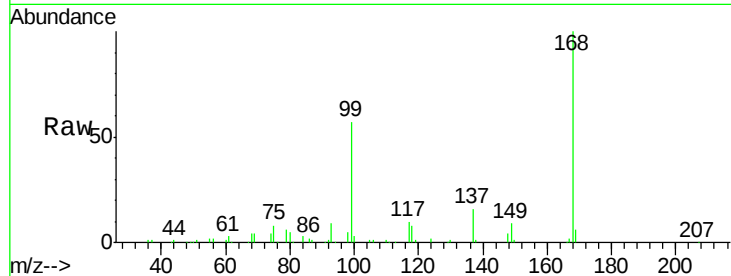
PB127814ZHE#06

Tot Ion:168 Resp: 203296

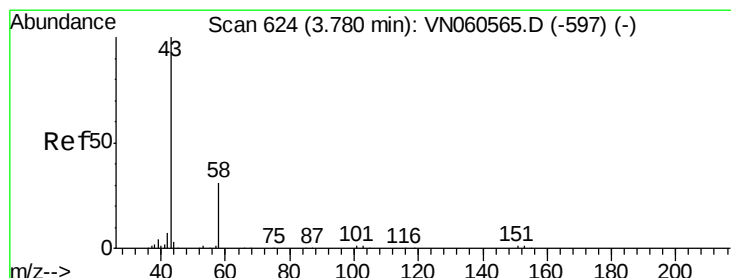
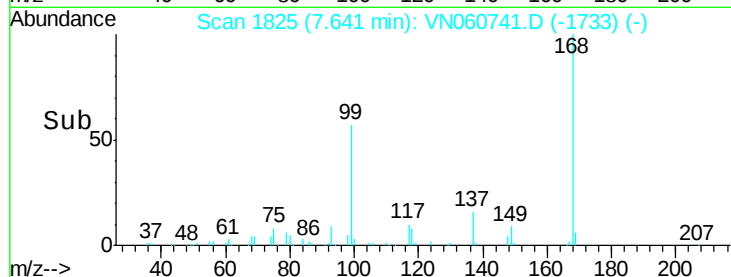
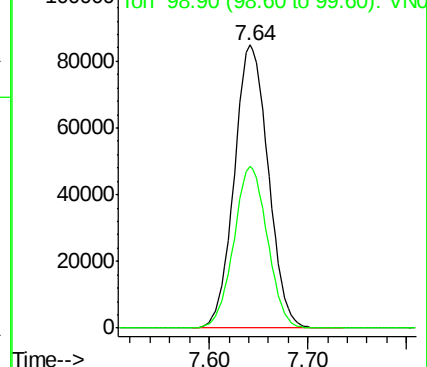
Ion Ratio Lower Upper

168 100

99 57.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060741.D (-1733) (-)



#16

Acetone

Concen: 5.726 ug/l

RT: 3.78 min Scan# 624

Delta R.T. -0.00 min

Lab File: VN060741.D

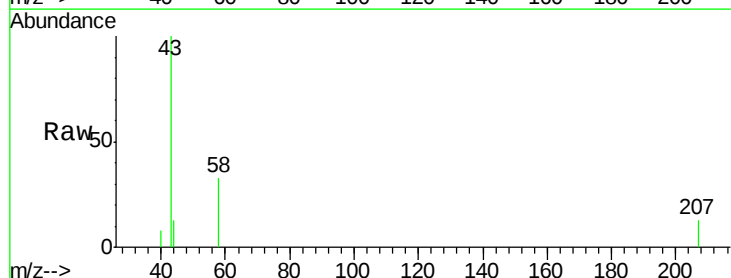
Acq: 27 Mar 2020 14:53

Tgt Ion: 43 Resp: 5660

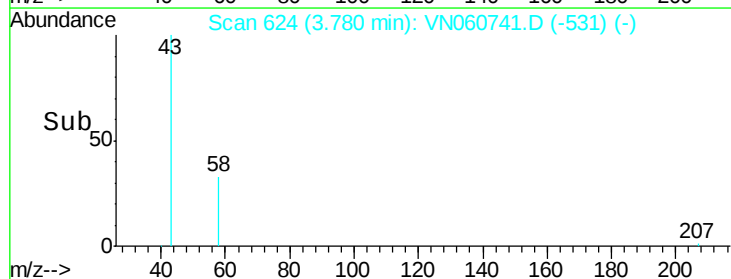
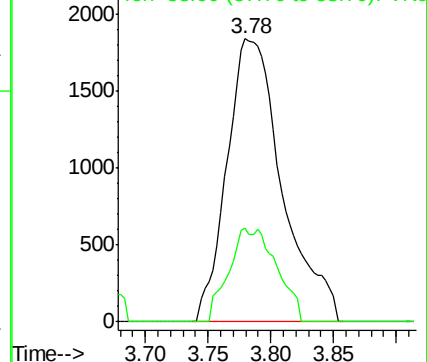
Ion Ratio Lower Upper

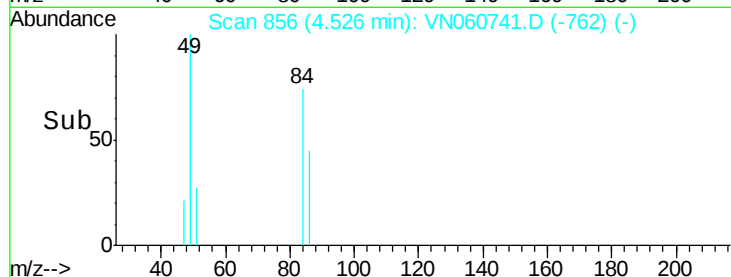
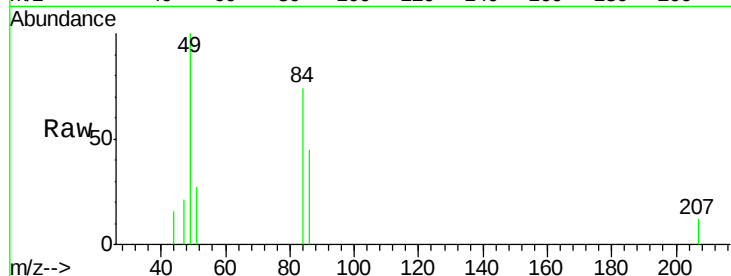
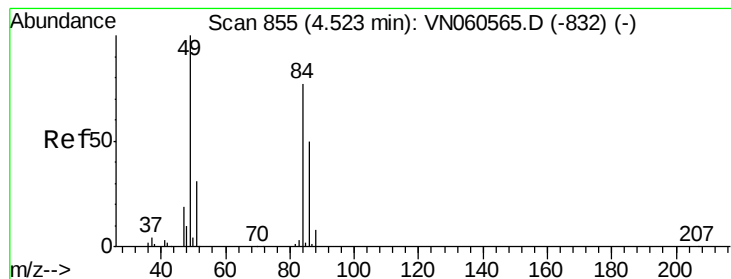
43 100

58 33.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060741.D (-531) (-)





#20

Methylene Chloride

Concen: 1.373 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060741.D

Acq: 27 Mar 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#06

Tot Ion: 84 Resp: 3339

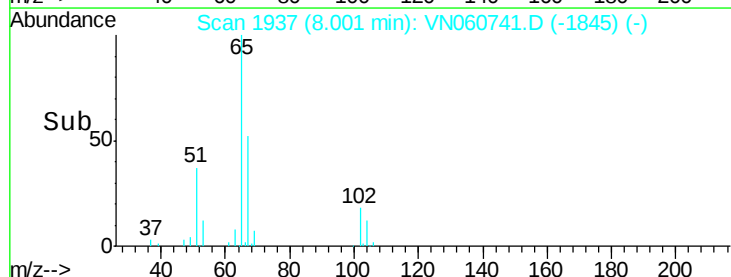
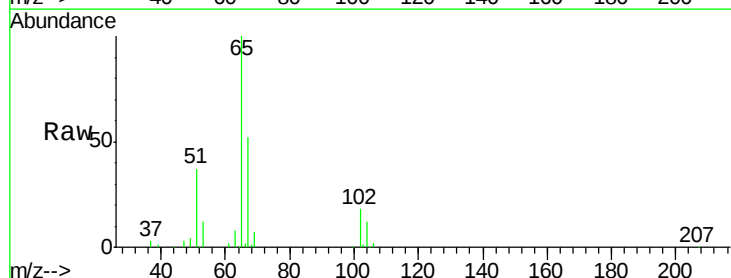
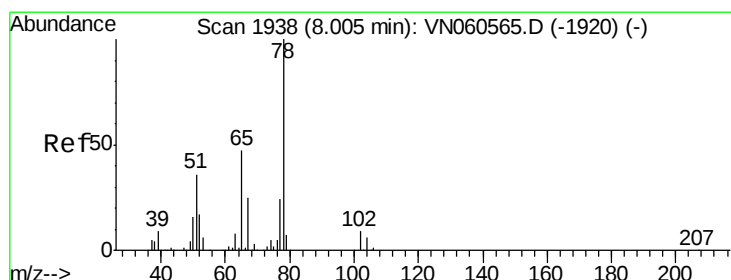
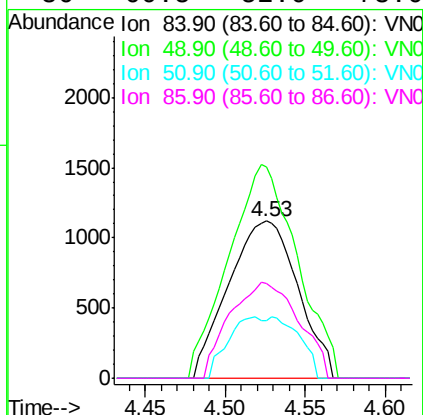
Ion Ratio Lower Upper

84 100

49 134.4 103.3 154.9

51 36.5 31.6 47.4

86 60.5 52.0 78.0



#33

1,2-Dichloroethane-d4

Concen: 47.841 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN060741.D

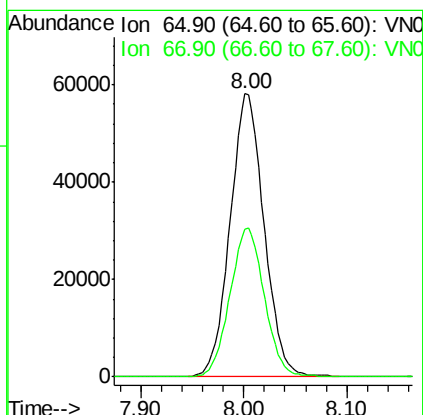
Acq: 27 Mar 2020 14:53

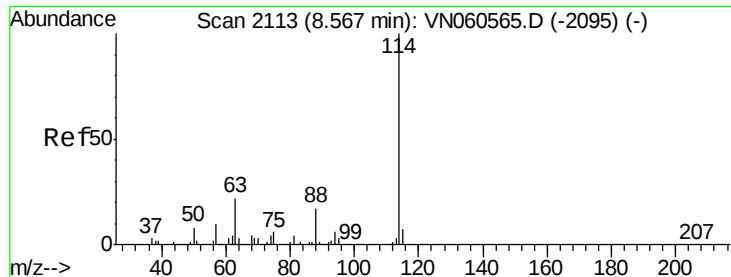
Tgt Ion: 65 Resp: 133513

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.6

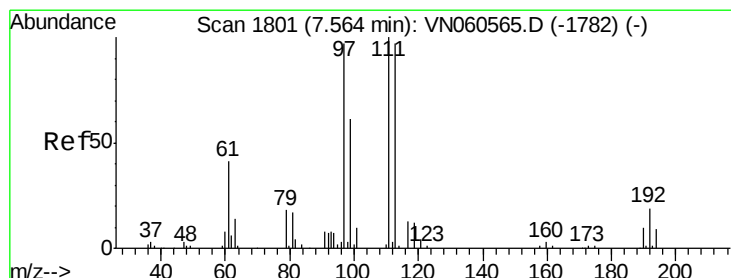
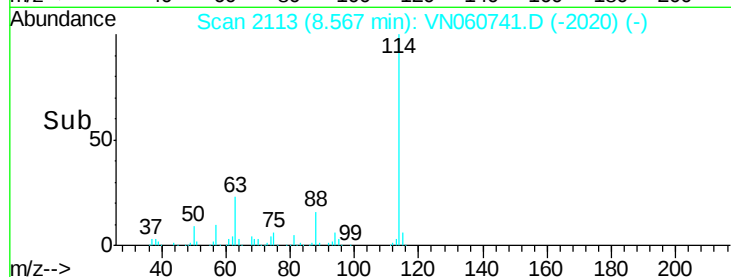
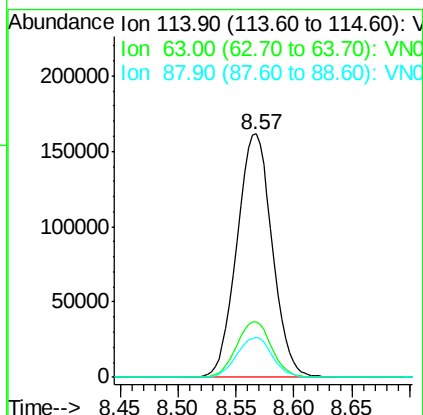
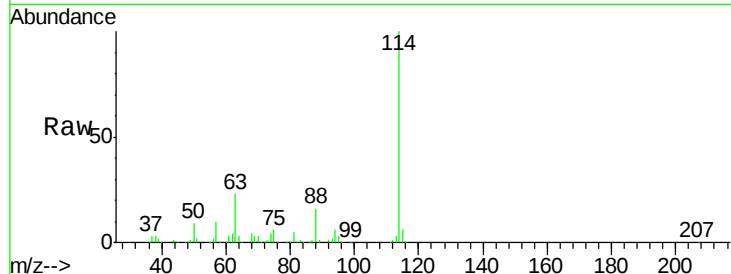




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VN060741.D
Acq: 27 Mar 2020 14:53

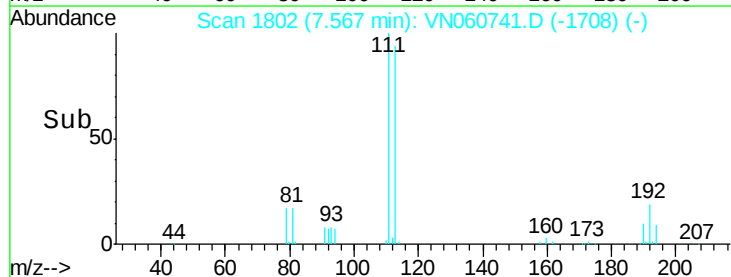
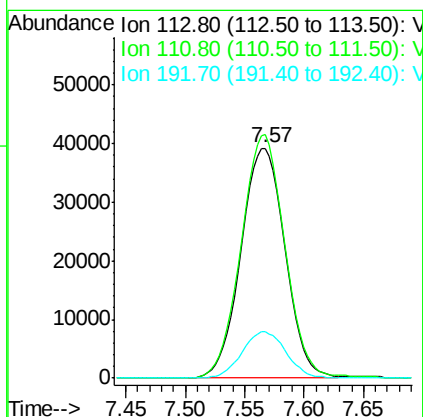
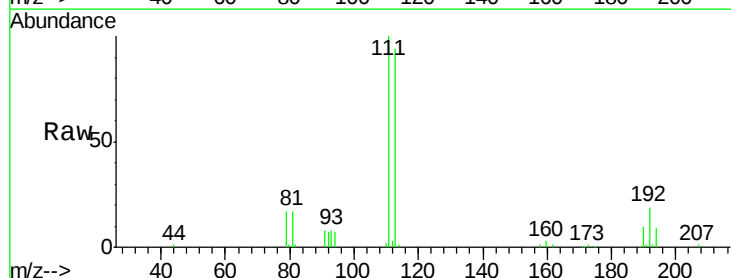
Instrument :
MSVOA_N
ClientSampleId :
PB127814ZHE#06

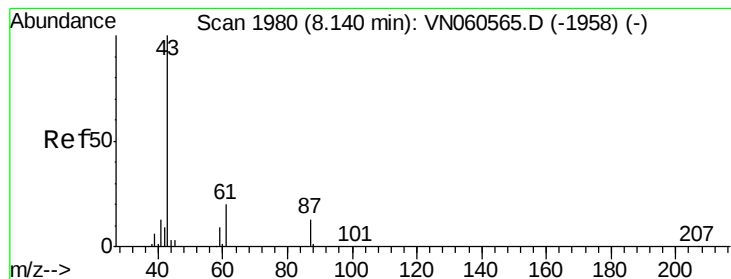
Tot Ion:114 Resp: 341584
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.8
88 16.3 0.0 33.0



#35
Dibromofluoromethane
Concen: 48.718 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060741.D
Acq: 27 Mar 2020 14:53

Tgt Ion:113 Resp: 100624
Ion Ratio Lower Upper
113 100
111 105.3 82.9 124.3
192 20.1 15.8 23.8





#43

Isopropyl Acetate

Concen: 10.847 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060741.D

Acq: 27 Mar 2020 14:53

Instrument :

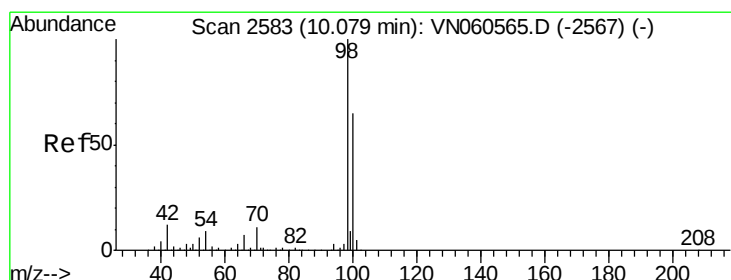
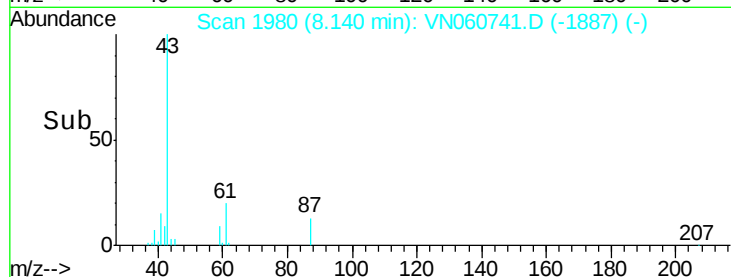
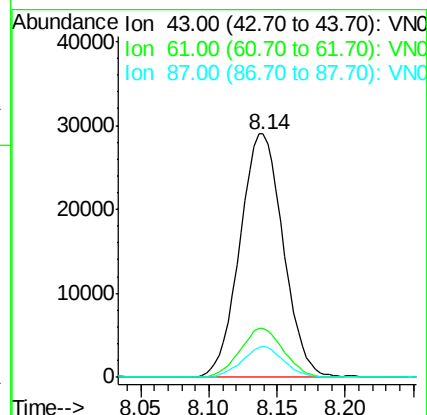
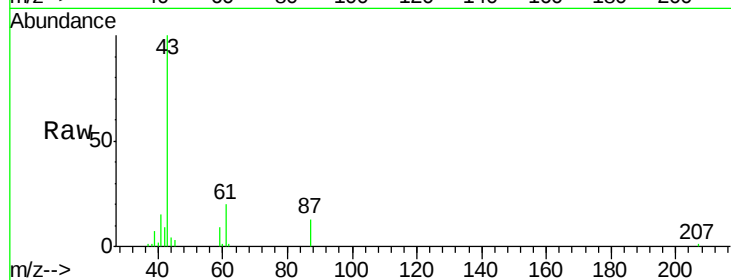
MSVOA_N

ClientSampleId :

PB127814ZHE#06

Tot Ion: 43 Resp: 63934

Ion	Ratio	Lower	Upper
43	100		
61	20.1	20.7	31.1#
87	12.1	9.8	14.8



#50

Toluene-d8

Concen: 50.185 ug/l

RT: 10.08 min Scan# 2583

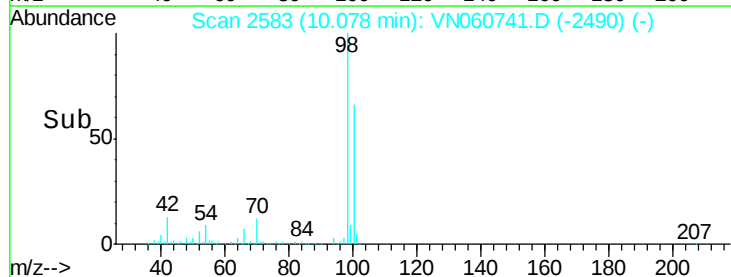
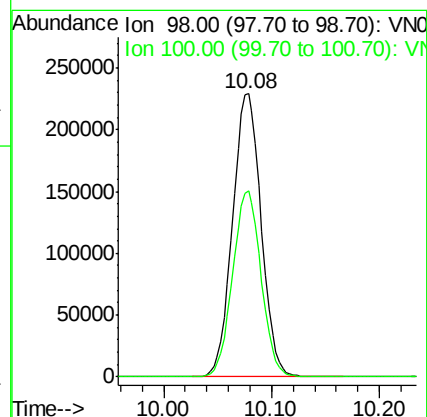
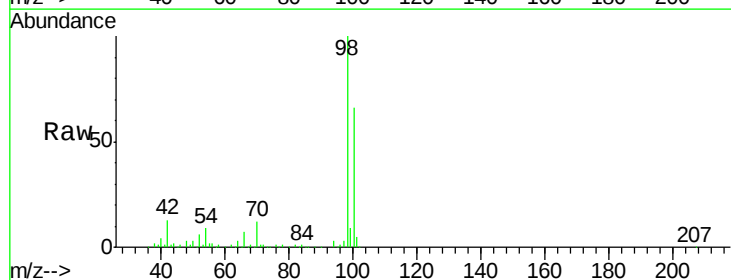
Delta R.T. -0.00 min

Lab File: VN060741.D

Acq: 27 Mar 2020 14:53

Tgt Ion: 98 Resp: 423391

Ion	Ratio	Lower	Upper
98	100		
100	65.3	51.8	77.8





#62

4-Bromofluorobenzene

Concen: 51.450 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060741.D

Acq: 27 Mar 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#06

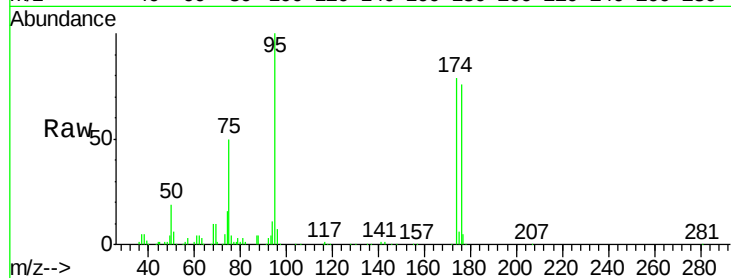
Tot Ion: 95 Resp: 159078

Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

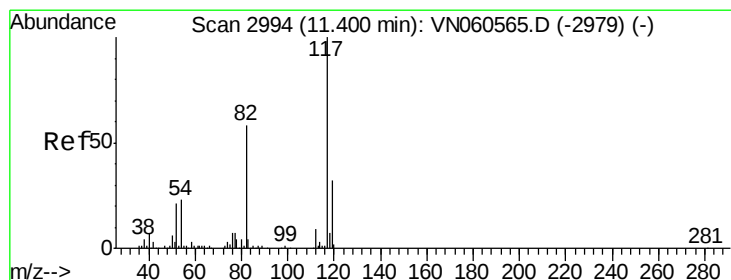
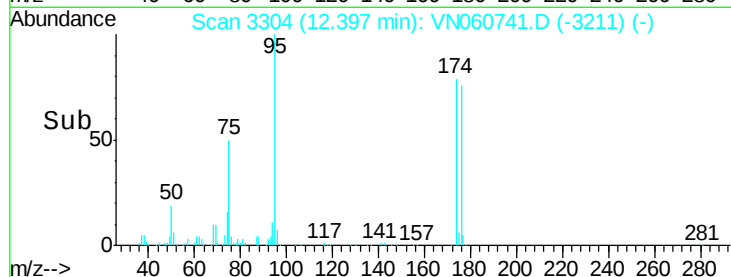
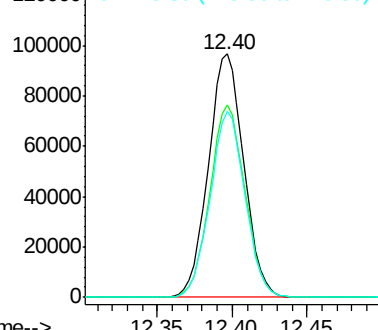
176 75.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060741.D

Acq: 27 Mar 2020 14:53

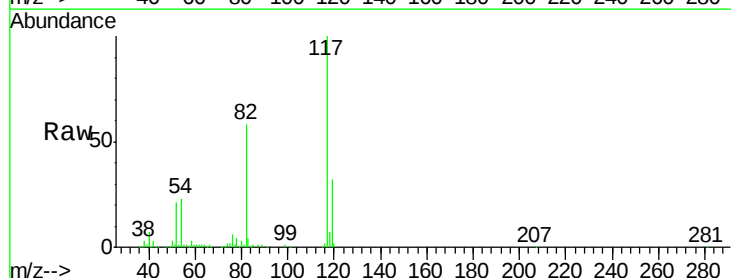
Tgt Ion: 117 Resp: 321445

Ion Ratio Lower Upper

117 100

82 57.7 46.7 70.1

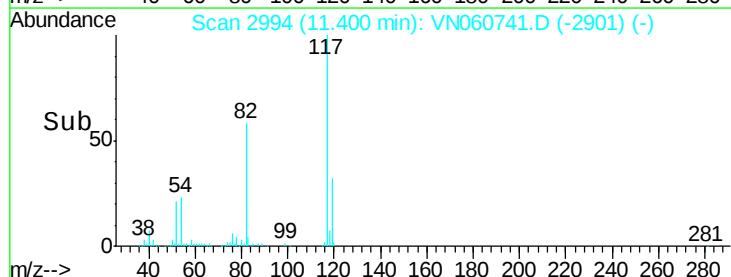
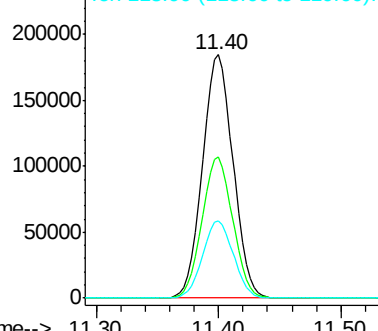
119 31.8 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060741.D

Acq: 27 Mar 2020 14:53

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#06

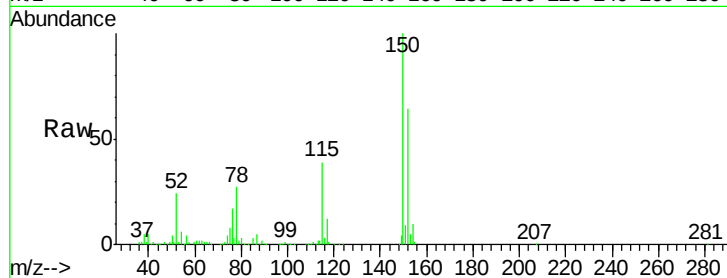
Tot Ion:152 Resp: 148130

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 156.3 0.0 350.2



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

