

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060748.D
 Acq On : 27 Mar 2020 17:49
 Operator : JC/MD
 Sample : PB127814ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#13

Quant Time: Mar 30 01:05:34 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

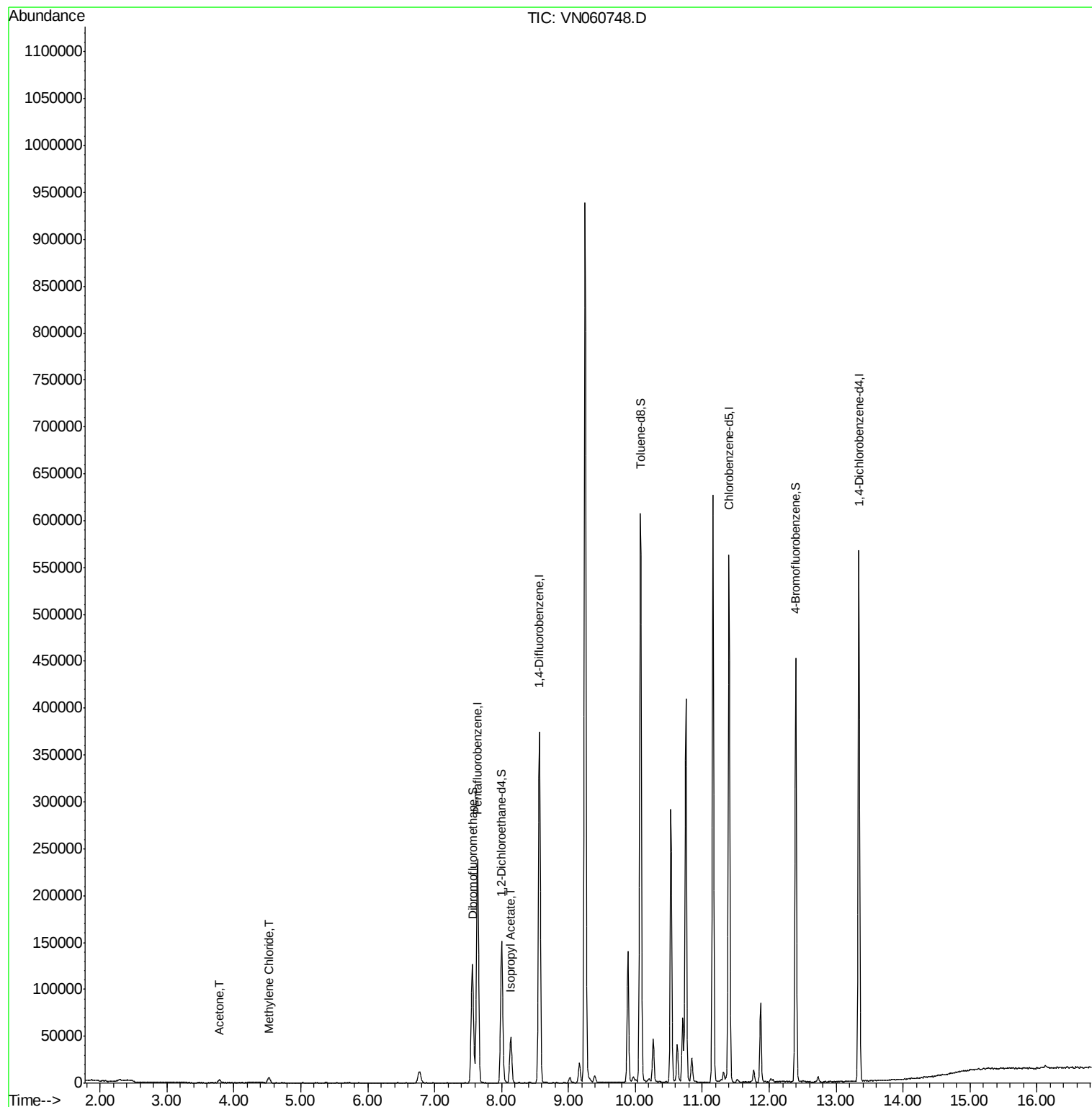
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	329951	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	312635	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	147791	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128334	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
35) Dibromofluoromethane	7.56	113	98376	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
50) Toluene-d8	10.08	98	411894	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.40	95	157113	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
Target Compounds						
16) Acetone	3.79	43	6078	6.397	ug/l	91
20) Methylene Chloride	4.53	84	4154	1.777	ug/l	98
43) Isopropyl Acetate	8.14	43	58289	10.238	ug/l #	91

(#) = 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: VN060748.D

Acq: 27 Mar 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

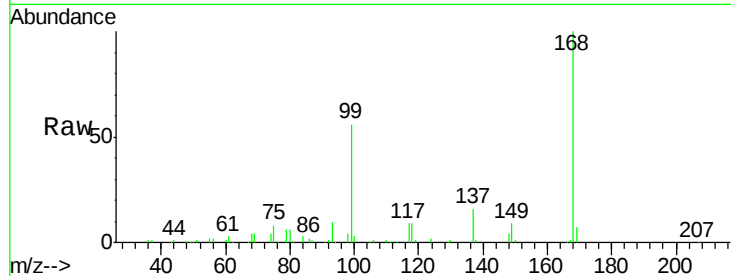
PB127814ZHE#13

Tot Ion:168 Resp: 195409

Ion Ratio Lower Upper

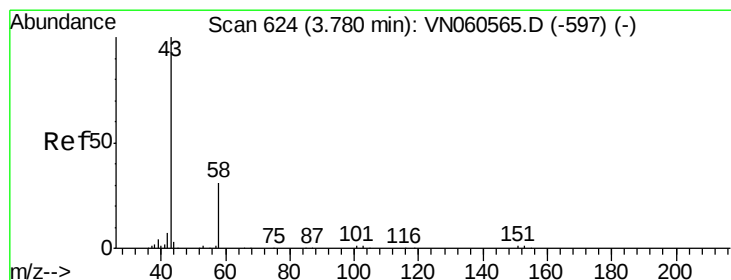
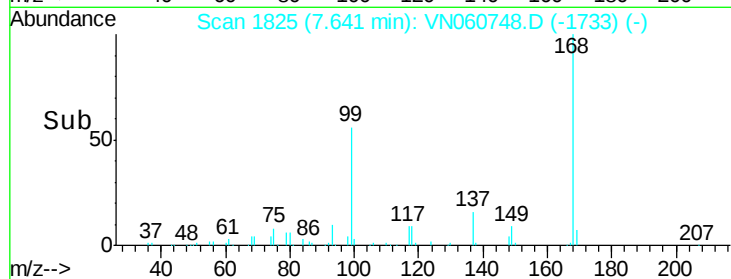
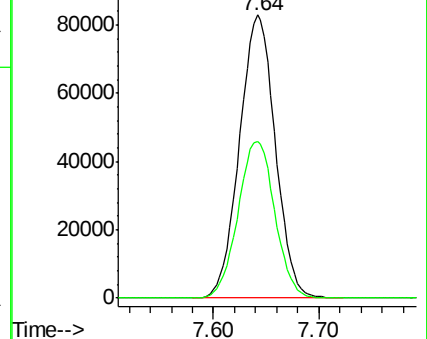
168 100

99 55.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 6.397 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060748.D

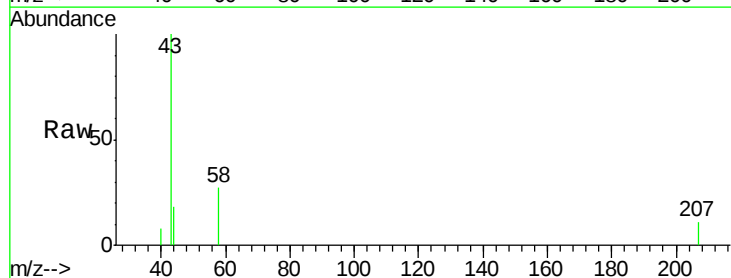
Acq: 27 Mar 2020 17:49

Tgt Ion: 43 Resp: 6078

Ion Ratio Lower Upper

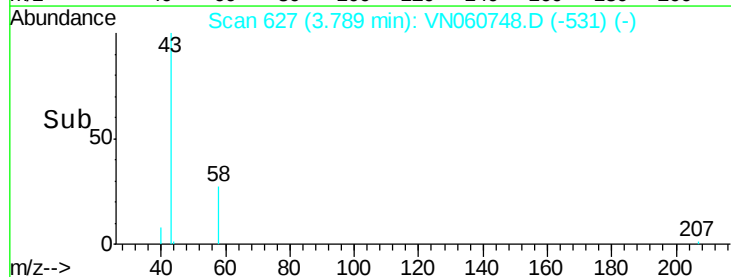
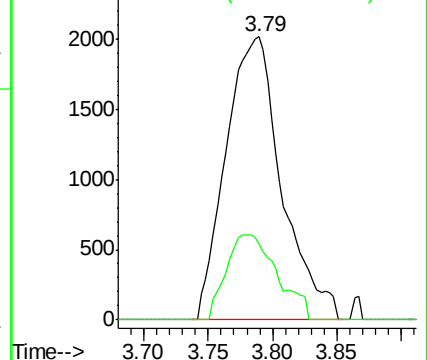
43 100

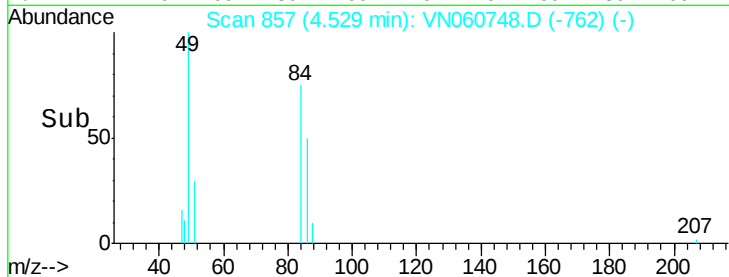
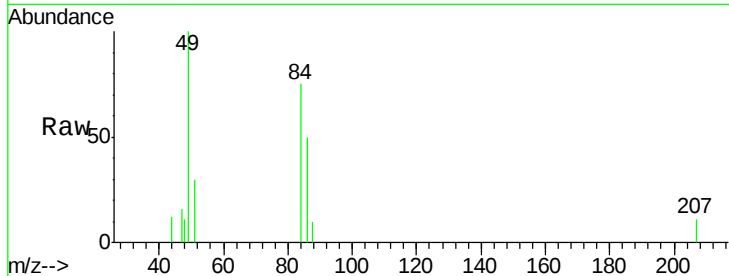
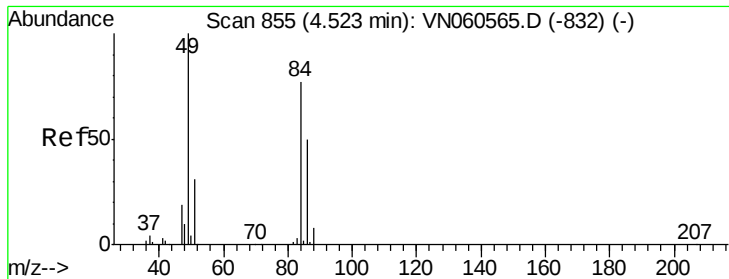
58 26.6 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

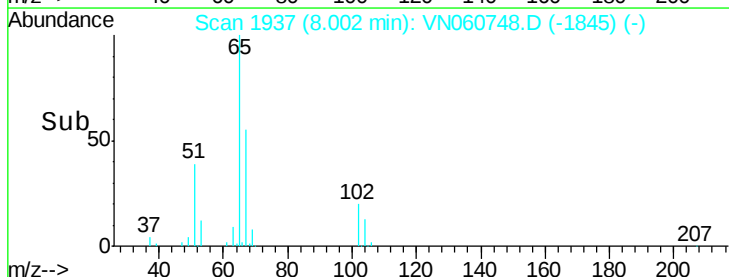
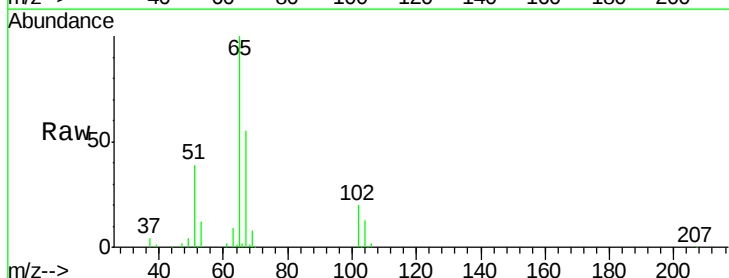
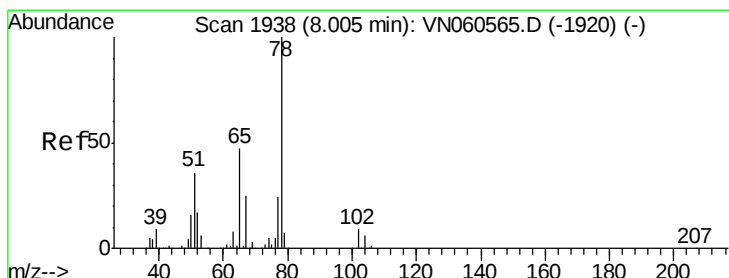
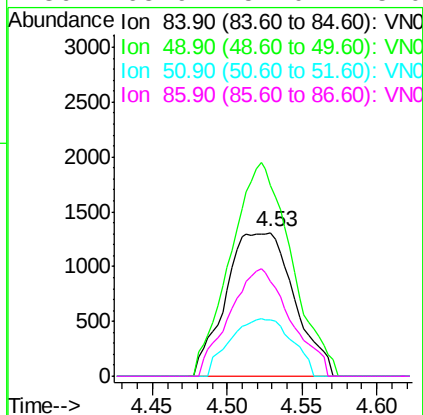




#20
Methvlene Chloride
Concen: 1.777 ug/l
RT: 4.53 min Scan# 857
Delta R.T. 0.01 min
Lab File: VN060748.D
Acq: 27 Mar 2020 17:49

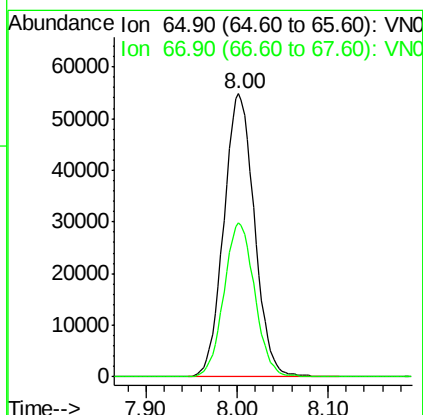
Instrument :
MSVOA_N
ClientSampleId :
PB127814ZHE#13

Tot Ion:	84	Resp:	4154
Ion	Ratio	Lower	Upper
84	100		
49	132.9	103.3	154.9
51	39.4	31.6	47.4
86	65.9	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: VN060748.D
Acq: 27 Mar 2020 17:49

Tgt Ion:	65	Resp:	128334
Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060748.D

Acq: 27 Mar 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#13

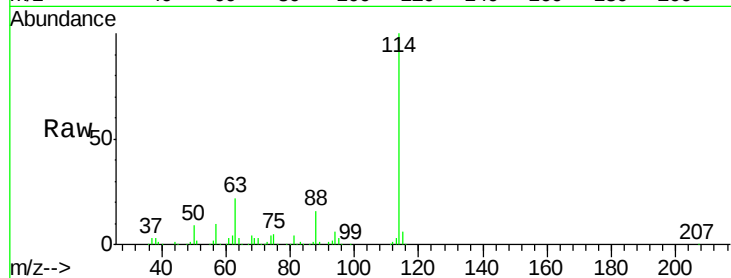
Tot Ion:114 Resp: 329951

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.8

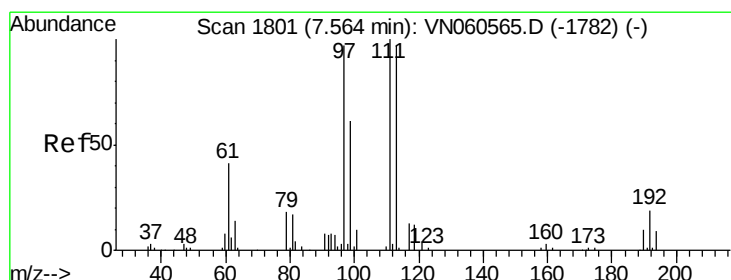
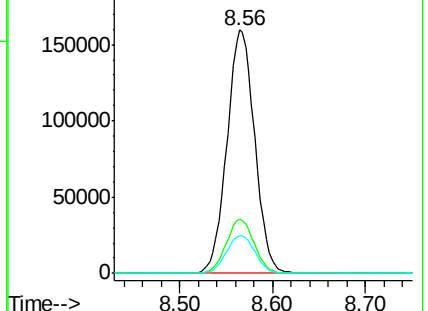
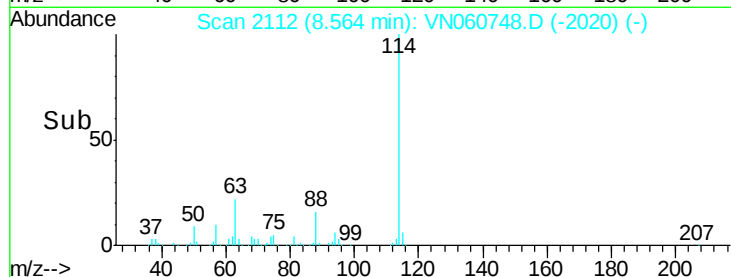
88 15.6 0.0 33.0



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: 49.309 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN060748.D

Acq: 27 Mar 2020 17:49

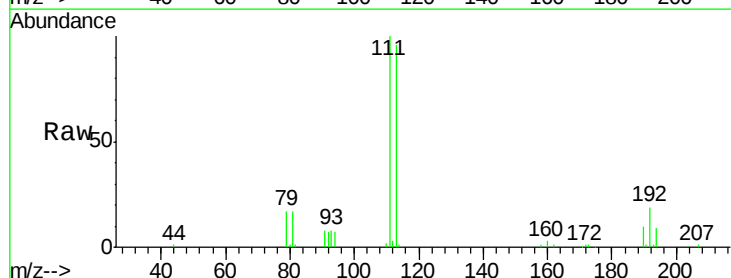
Tgt Ion:113 Resp: 98376

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

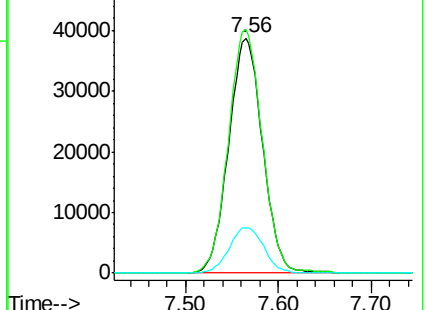
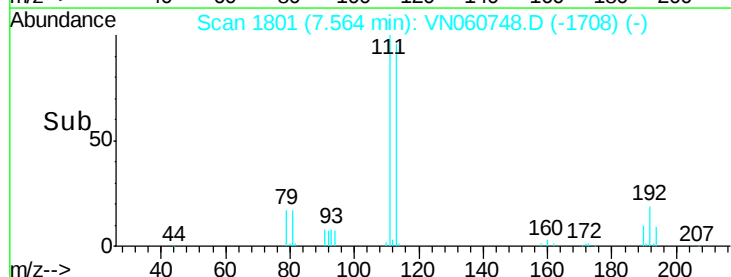
192 19.8 15.8 23.8

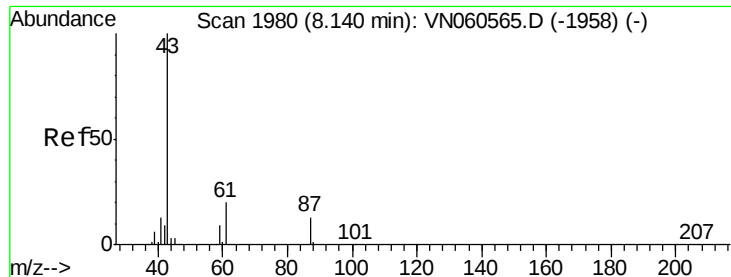


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.238 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060748.D

Acq: 27 Mar 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#13

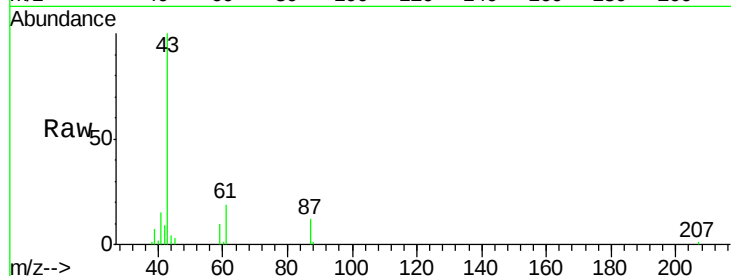
Tot Ion: 43 Resp: 58289

Ion Ratio Lower Upper

43 100

61 18.9 20.7 31.1#

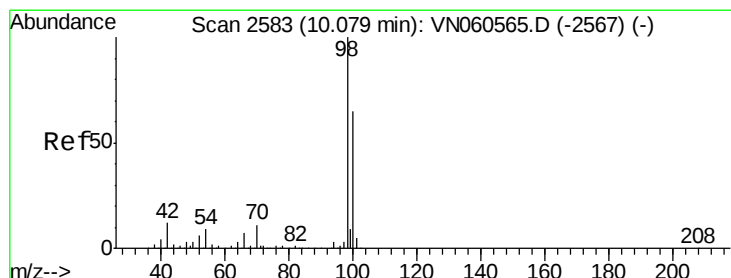
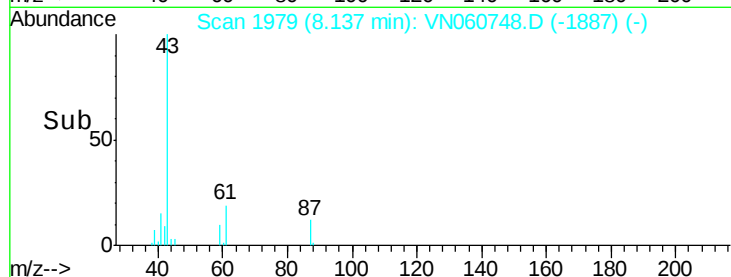
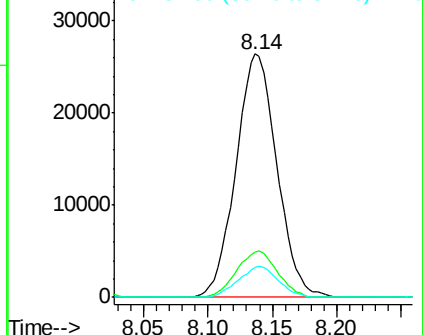
87 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060748.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060748.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060748.D (-1958) (-)



#50

Toluene-d8

Concen: 50.544 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060748.D

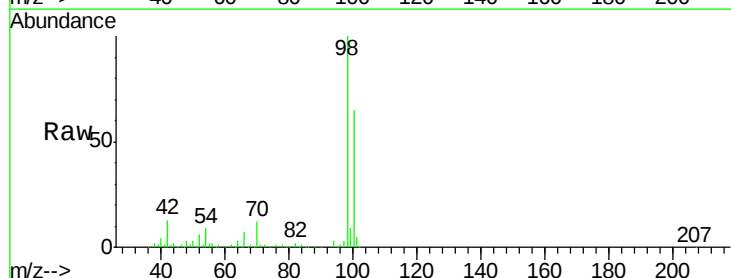
Acq: 27 Mar 2020 17:49

Tgt Ion: 98 Resp: 411894

Ion Ratio Lower Upper

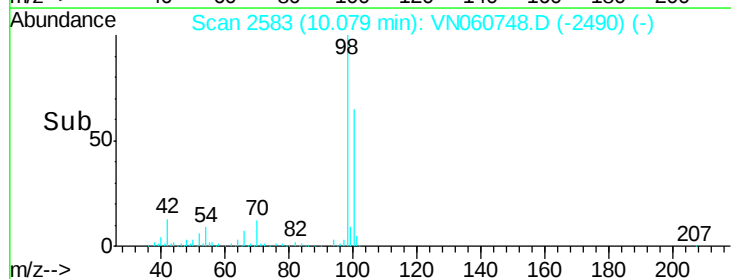
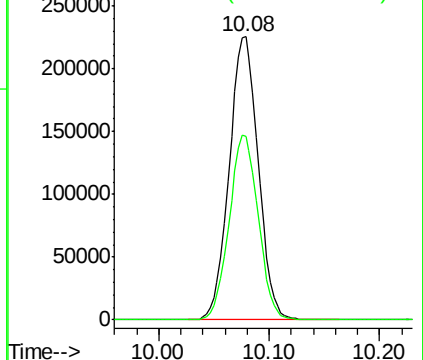
98 100

100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060748.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060748.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 52.606 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060748.D

Acq: 27 Mar 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#13

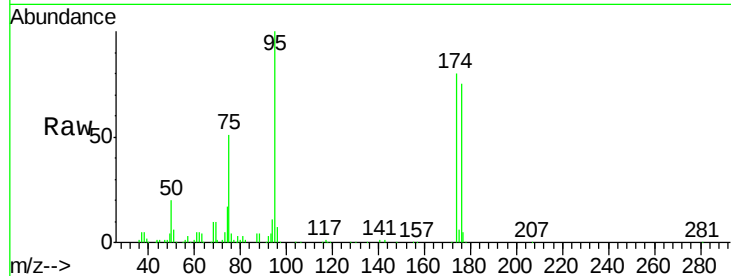
Tot Ion: 95 Resp: 157113

Ion Ratio Lower Upper

95 100

174 78.2 0.0 157.6

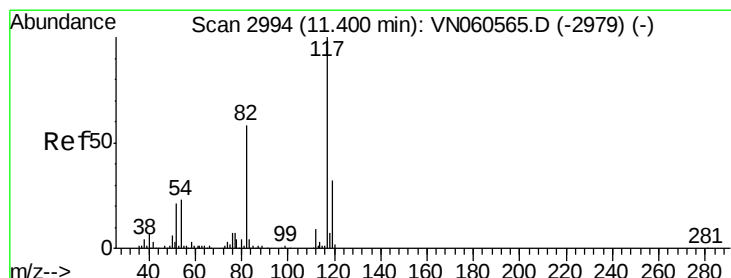
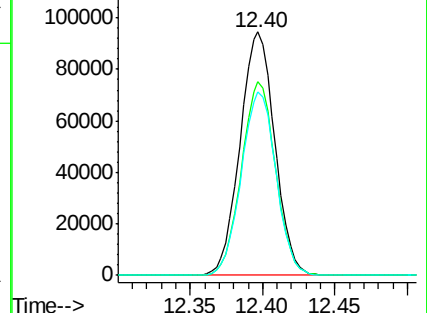
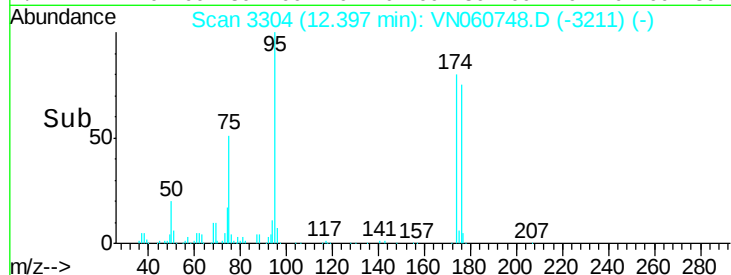
176 75.4 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060748.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060748.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060748.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060748.D

Acq: 27 Mar 2020 17:49

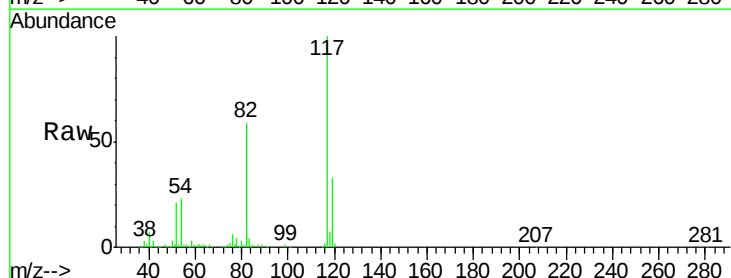
Tgt Ion: 117 Resp: 312635

Ion Ratio Lower Upper

117 100

82 58.9 46.7 70.1

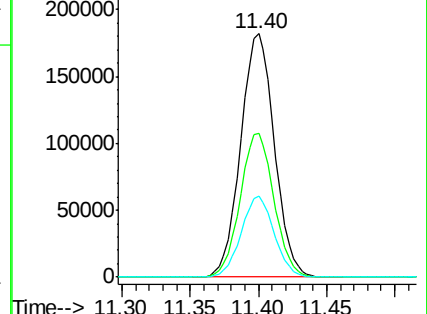
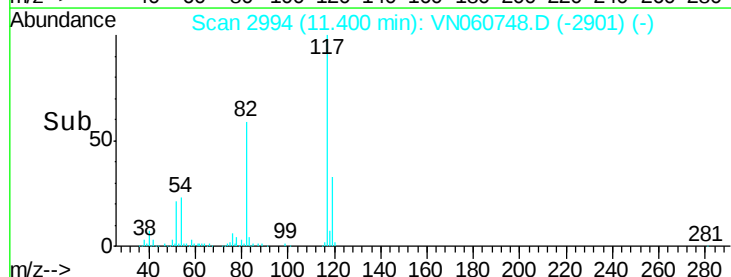
119 33.1 25.5 38.3

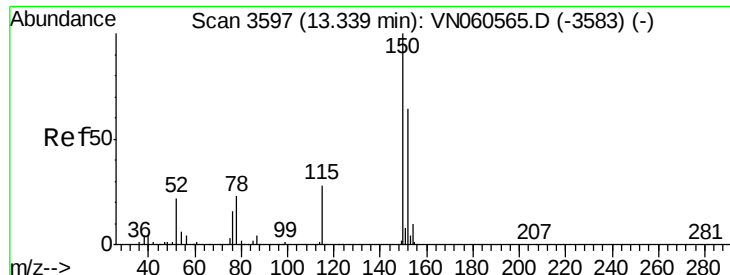


Abundance Ion 116.90 (116.60 to 117.60): VN060748.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060748.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060748.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: VN060748.D

Acq: 27 Mar 2020 17:49

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#13

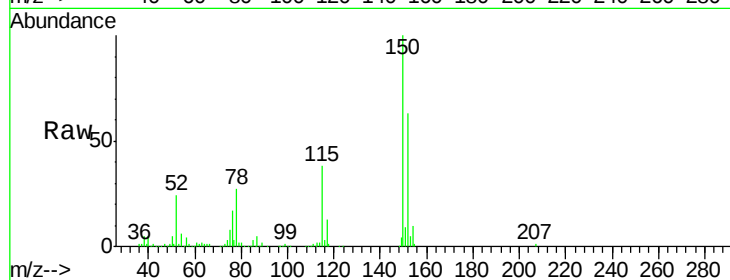
Tot Ion:152 Resp: 147791

Ion Ratio Lower Upper

152 100

115 59.9 30.2 90.6

150 157.2 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

