

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060735.D
 Acq On : 27 Mar 2020 12:37
 Operator : JC/MD
 Sample : PB127814TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814TB

Quant Time: Mar 30 07:58:08 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

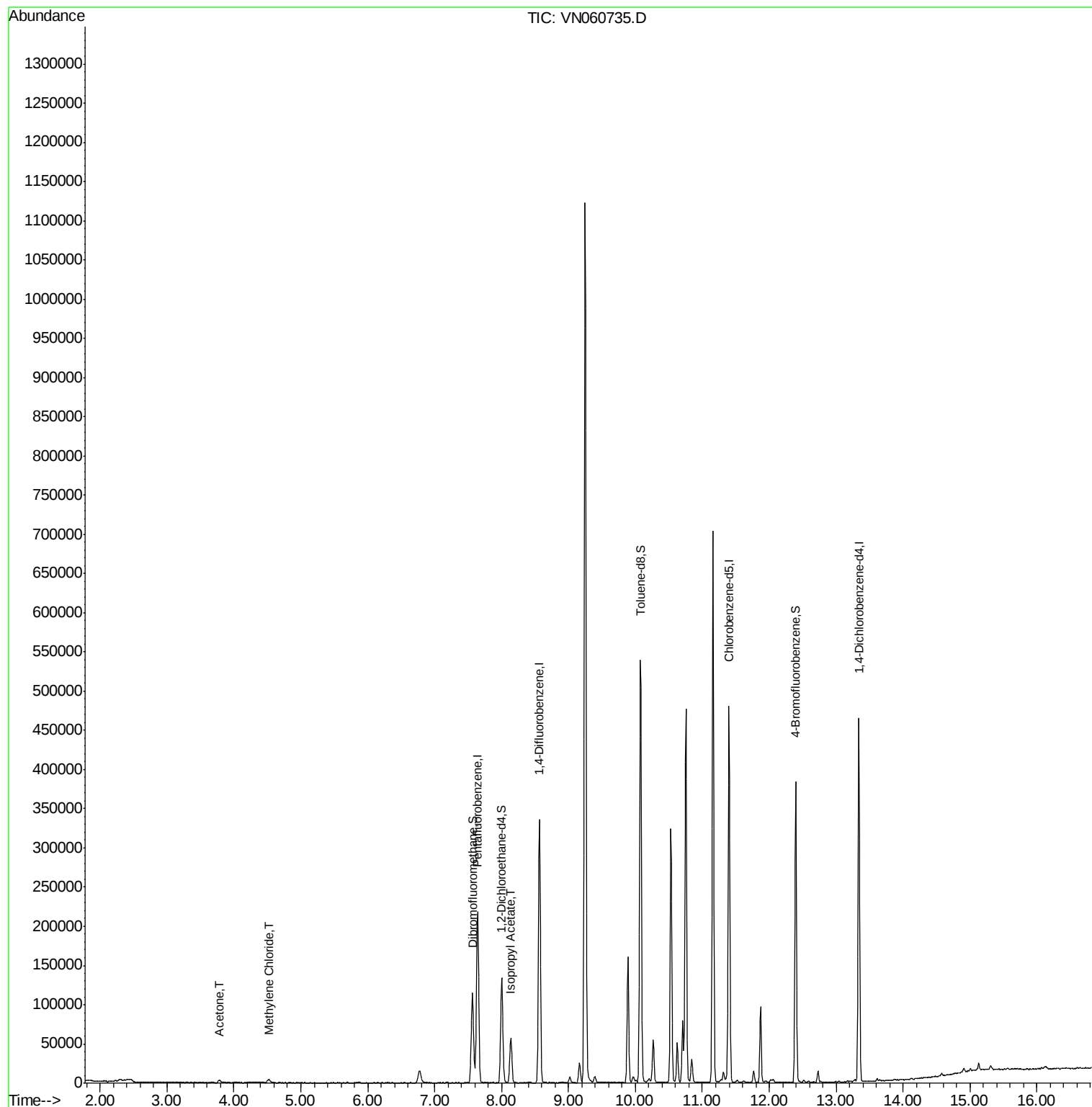
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	181517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	297561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	273433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	122076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	114620	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
35) Dibromofluoromethane	7.56	113	87723	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
50) Toluene-d8	10.08	98	365183	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.40	95	133908	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
Target Compounds						
16) Acetone	3.79	43	5780m	6.548	ug/l	
20) Methylene Chloride	4.52	84	3522	1.622	ug/l	88
43) Isopropyl Acetate	8.14	43	68712	13.382	ug/l #	91

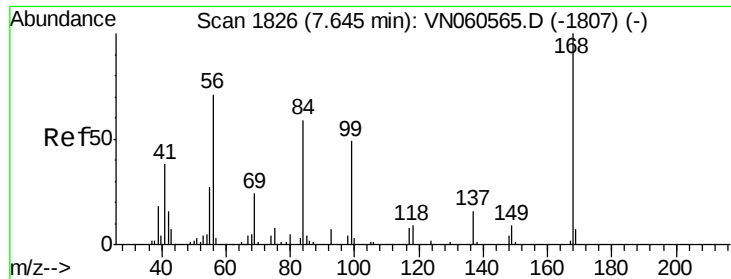
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032720\
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060735.D

Acq: 27 Mar 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

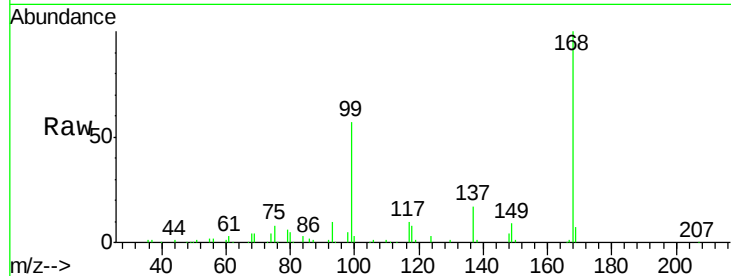
PB127814TB

Tot Ion:168 Resp: 181517

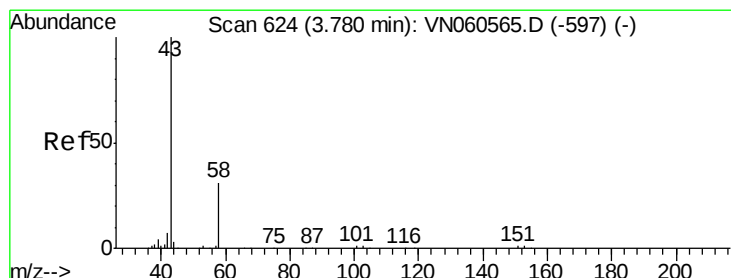
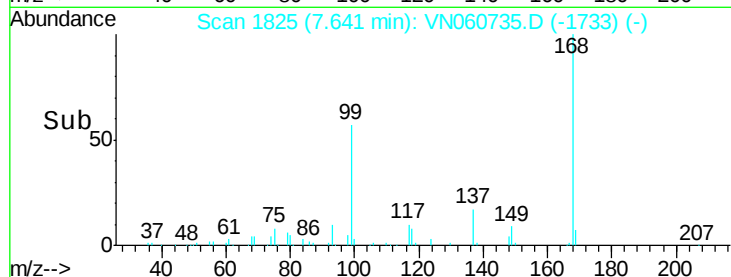
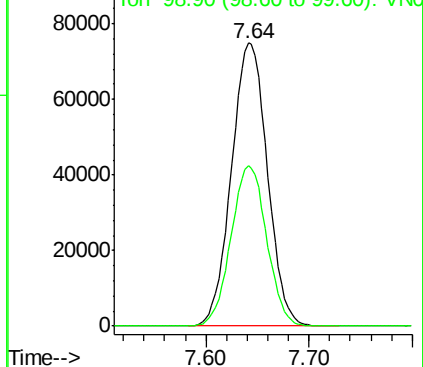
Ion Ratio Lower Upper

168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VN060735.D (-1733) (-)



#16

Acetone

Concen: 6.548 ug/l m

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060735.D

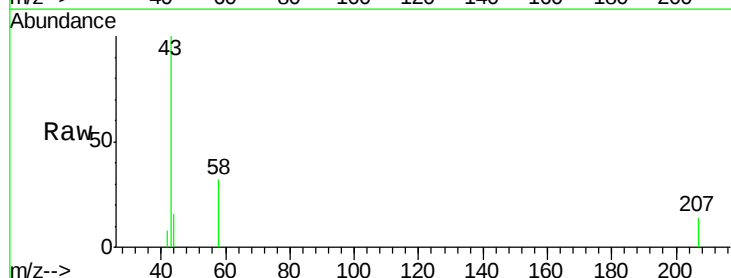
Acq: 27 Mar 2020 12:37

Tgt Ion: 43 Resp: 5780

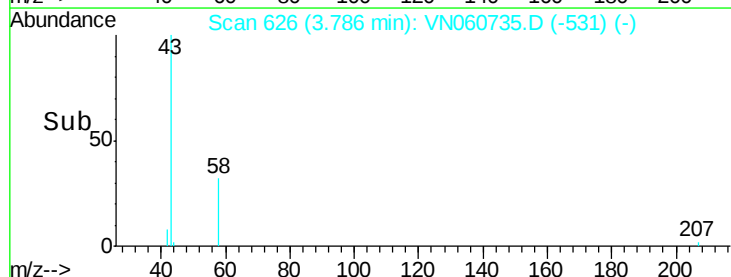
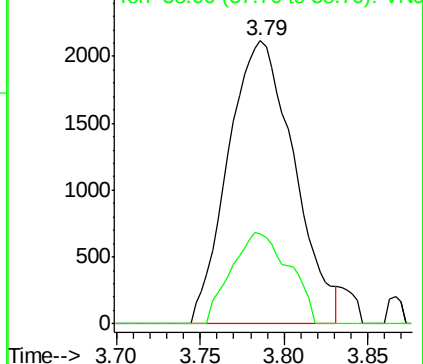
Ion Ratio Lower Upper

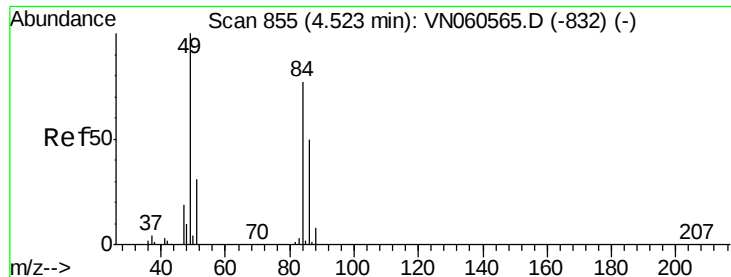
43 100

58 31.8 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN060735.D (-531) (-)

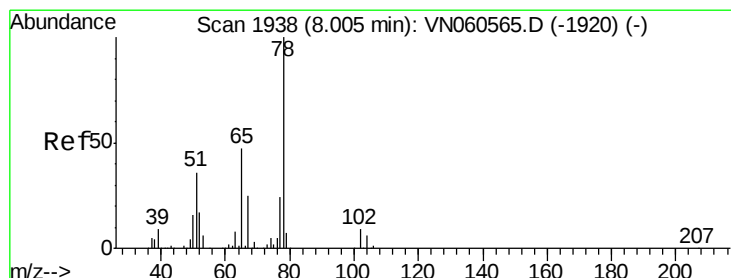
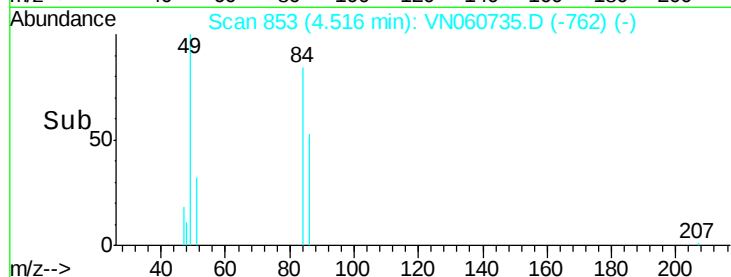
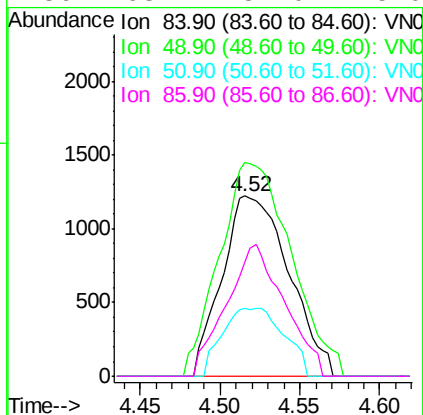
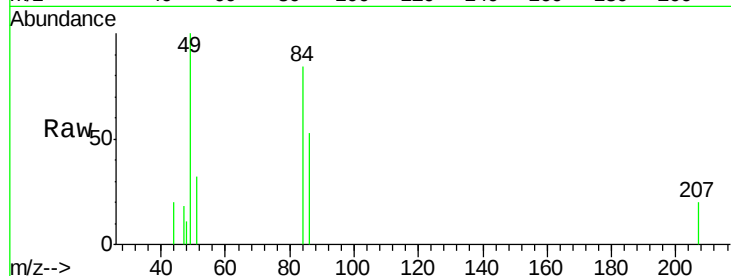




#20
Methylene Chloride
Concen: 1.622 ug/l
RT: 4.52 min Scan# 853
Delta R.T. -0.01 min
Lab File: VN060735.D
Acq: 27 Mar 2020 12:37

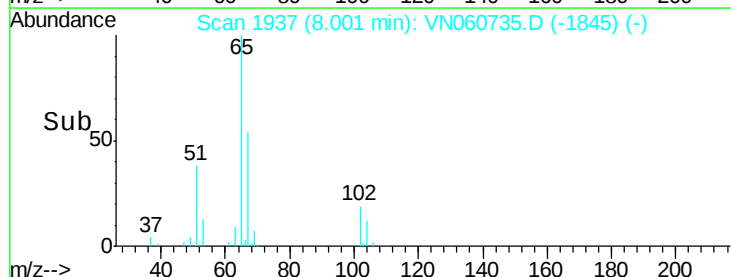
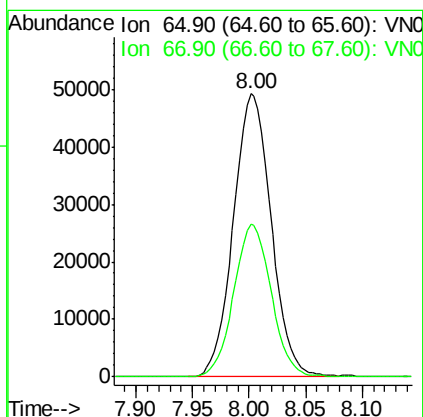
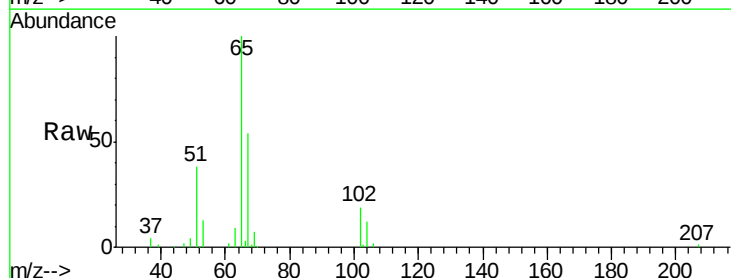
Instrument :
MSVOA_N
ClientSampled :
PB127814TB

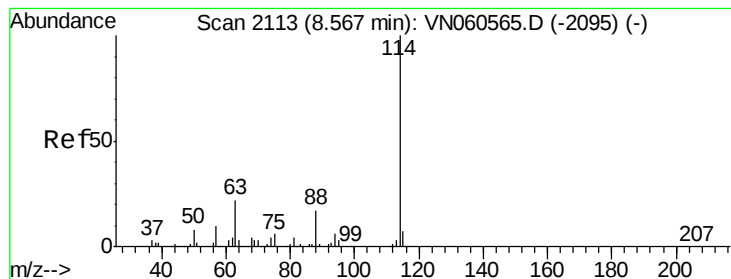
Tot Ion:	84	Resp:	3522
Ion	Ratio	Lower	Upper
84	100		
49	105.9	103.3	154.9
51	37.9	31.6	47.4
86	63.4	52.0	78.0



#33
1,2-Dichloroethane-d4
Concen: 45.999 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060735.D
Acq: 27 Mar 2020 12:37

Tgt Ion:	65	Resp:	114620
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: VN060735.D

Acq: 27 Mar 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB127814TB

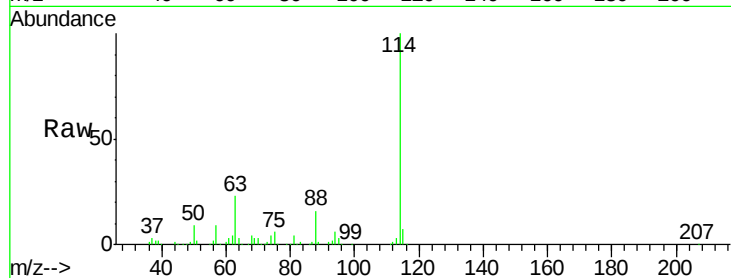
Tot Ion:114 Resp: 297561

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.8

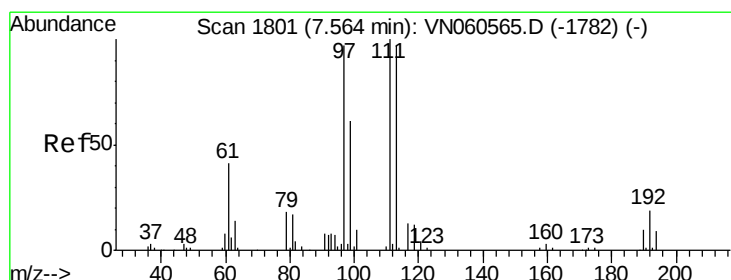
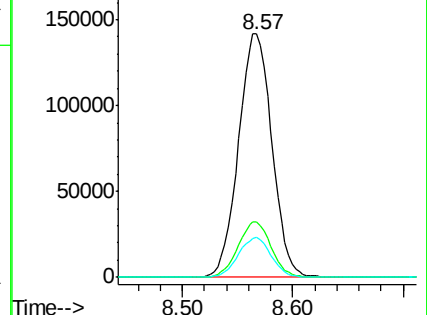
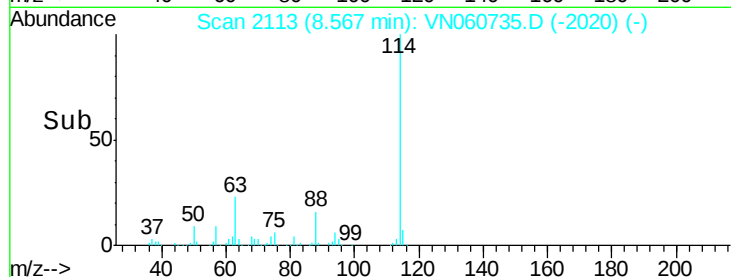
88 16.2 0.0 33.0



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: 48.755 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060735.D

Acq: 27 Mar 2020 12:37

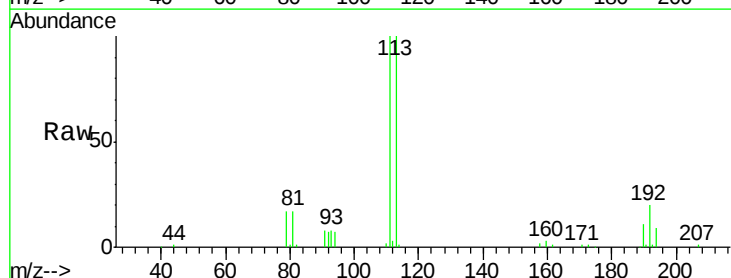
Tgt Ion:113 Resp: 87723

Ion Ratio Lower Upper

113 100

111 102.8 82.9 124.3

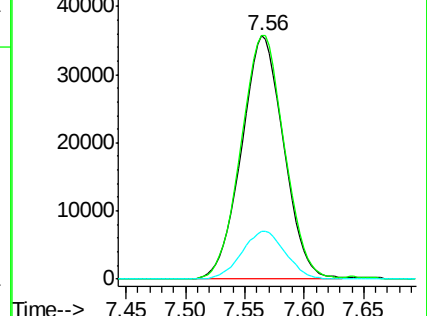
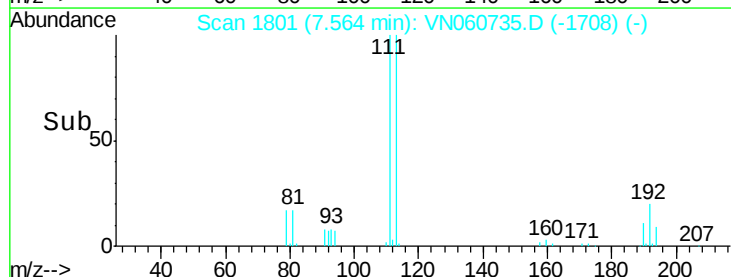
192 20.2 15.8 23.8

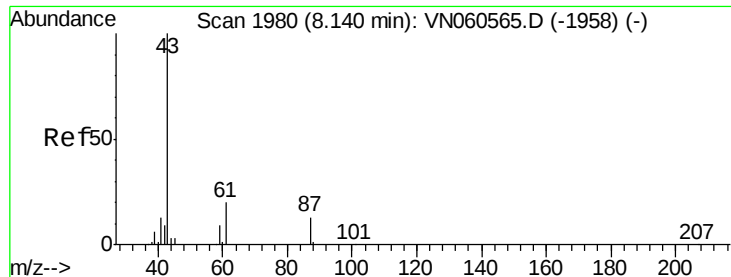


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 13.382 ug/l

RT: 8.14 min Scan# 1979

Delta R.T. -0.00 min

Lab File: VN060735.D

Acq: 27 Mar 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB127814TB

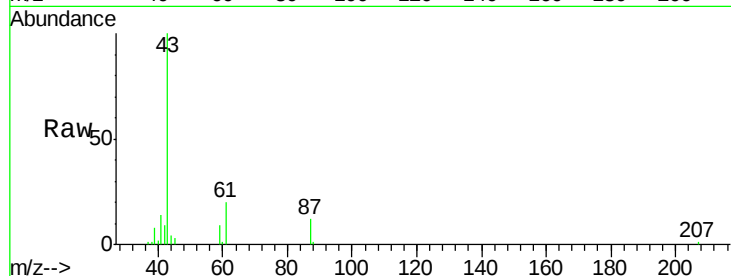
Tot Ion: 43 Resp: 68712

Ion Ratio Lower Upper

43 100

61 19.6 20.7 31.1#

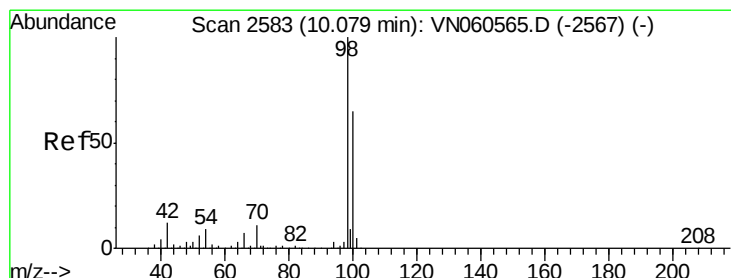
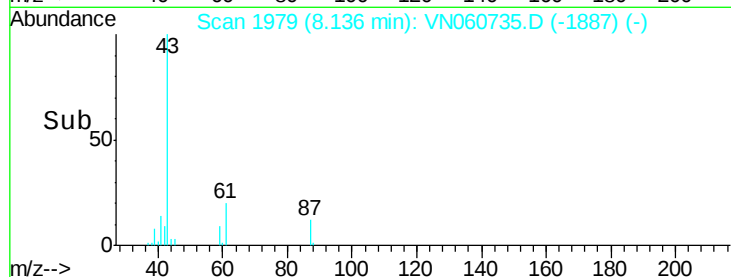
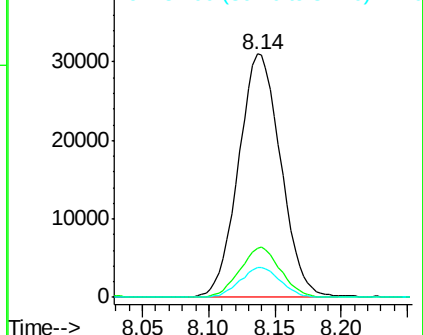
87 11.8 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060735.D (-1958) (-)

Ion 61.00 (60.70 to 61.70): VN060735.D (-1958) (-)

Ion 87.00 (86.70 to 87.70): VN060735.D (-1958) (-)



#50

Toluene-d8

Concen: 49.690 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060735.D

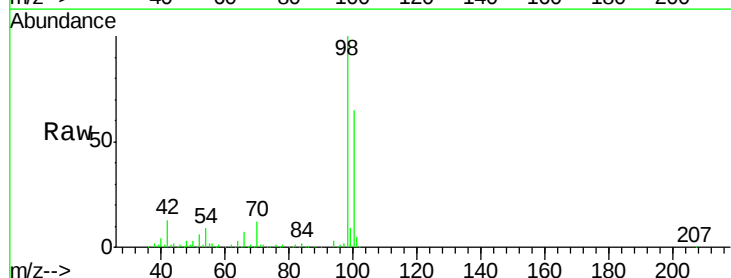
Acq: 27 Mar 2020 12:37

Tgt Ion: 98 Resp: 365183

Ion Ratio Lower Upper

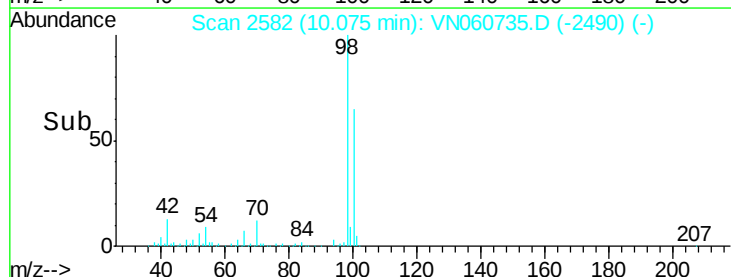
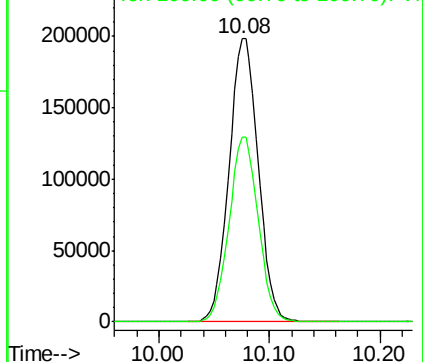
98 100

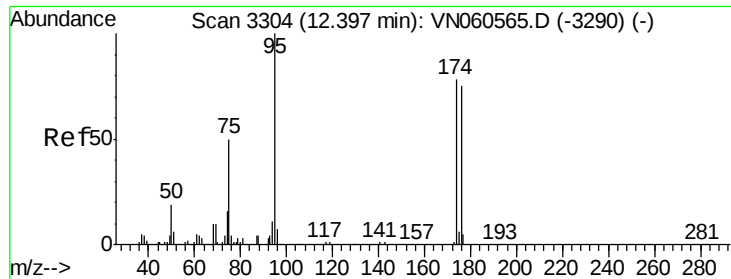
100 65.0 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060735.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060735.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 49.717 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060735.D

Acq: 27 Mar 2020 12:37

Instrument :

MSVOA_N

ClientSampled :

PB127814TB

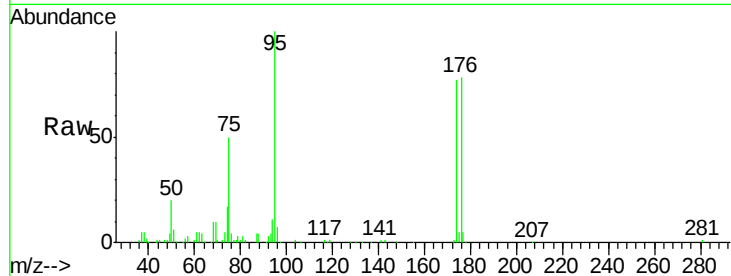
Tot Ion: 95 Resp: 133908

Ion Ratio Lower Upper

95 100

174 77.0 0.0 157.6

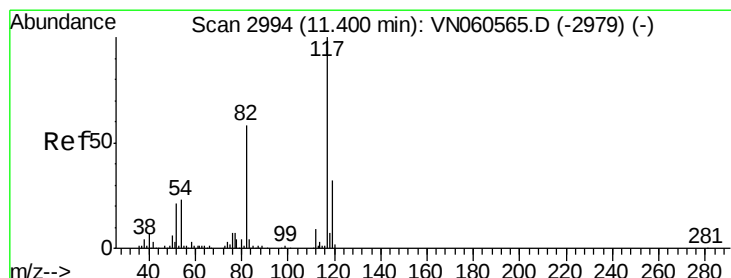
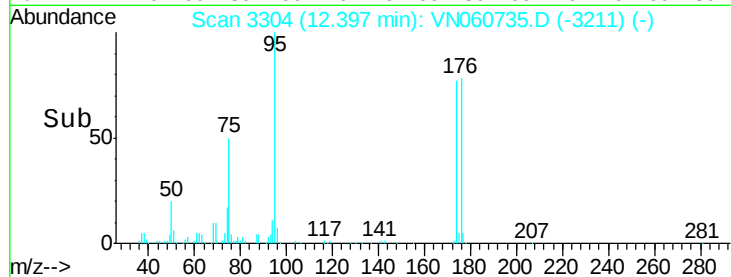
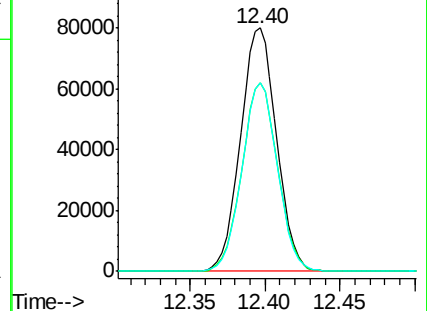
176 76.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060735.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060735.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060735.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060735.D

Acq: 27 Mar 2020 12:37

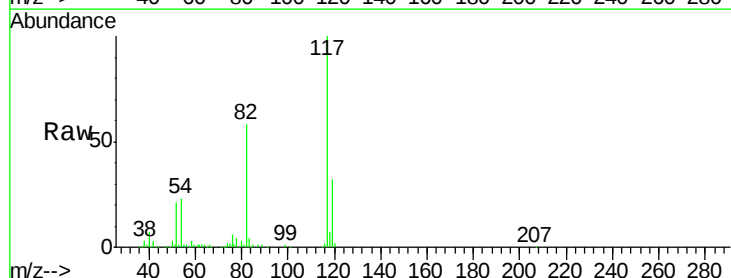
Tgt Ion: 117 Resp: 273433

Ion Ratio Lower Upper

117 100

82 57.9 46.7 70.1

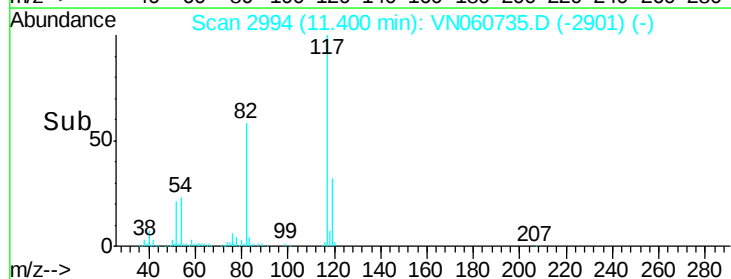
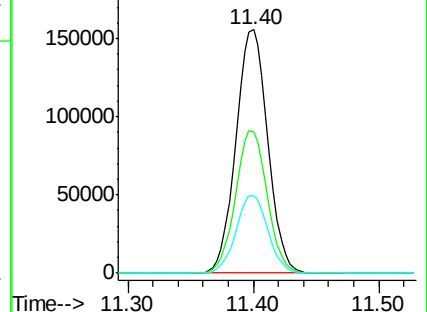
119 32.0 25.5 38.3

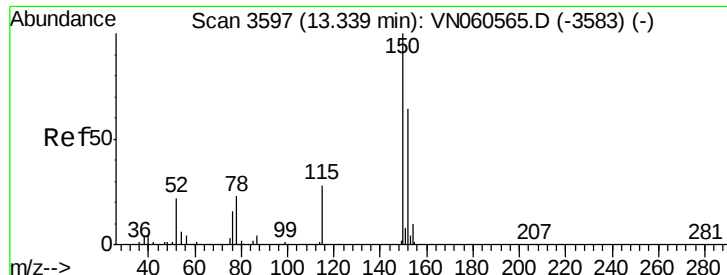


Abundance Ion 116.90 (116.60 to 117.60): VN060735.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060735.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060735.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060735.D

Acq: 27 Mar 2020 12:37

Instrument :

MSVOA_N

ClientSampleId :

PB127814TB

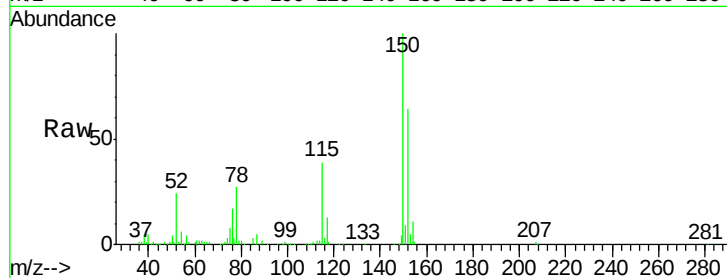
Tot Ion:152 Resp: 122076

Ion Ratio Lower Upper

152 100

115 59.5 30.2 90.6

150 156.9 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

