

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032720\
 Data File : VN060743.D
 Acq On : 27 Mar 2020 15:38
 Operator : JC/MD
 Sample : PB127814ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127814ZHE#08

Quant Time: Mar 30 00:53:40 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

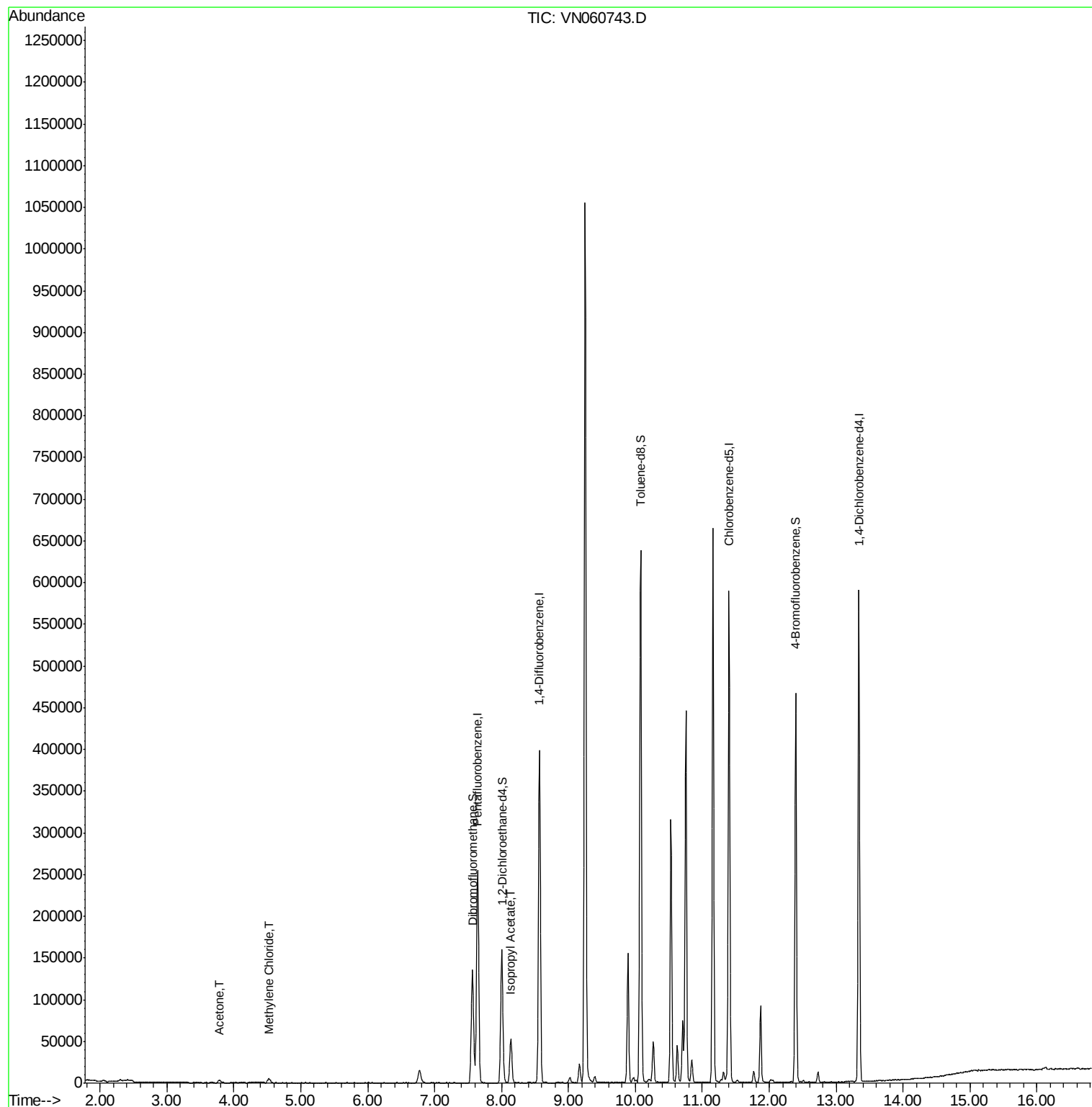
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	209649	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	352121	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	334105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	136735	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
35) Dibromofluoromethane	7.56	113	104045	48.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.74%	
50) Toluene-d8	10.08	98	435330	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.40	95	164941	51.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.50%	
Target Compounds						
16) Acetone	3.78	43	5759	5.649	ug/l #	88
20) Methylene Chloride	4.52	84	3994	1.593	ug/l	93
43) Isopropyl Acetate	8.14	43	63623	10.471	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# 1826

Delta R.T. -0.00 min

Lab File: VN060743.D

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Instrument :

MSVOA_N

ClientSampleId :

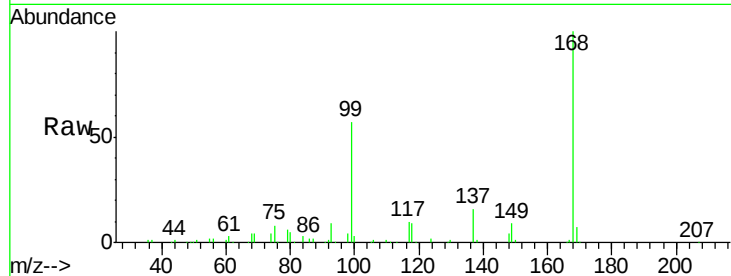
PB127814ZHE#08

Tot Ion:168 Resp: 209649

Ion Ratio Lower Upper

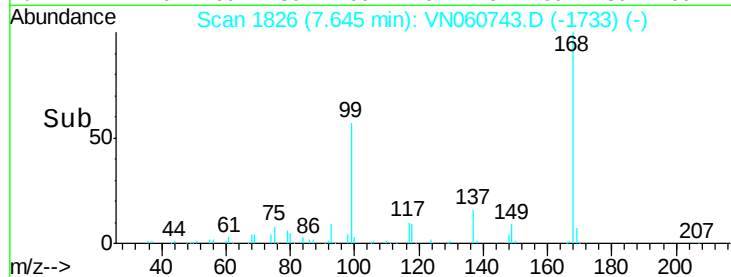
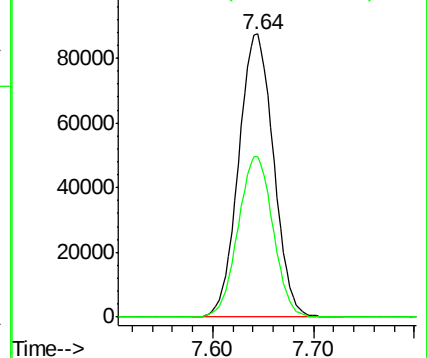
168 100

99 56.6 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 5.649 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060743.D

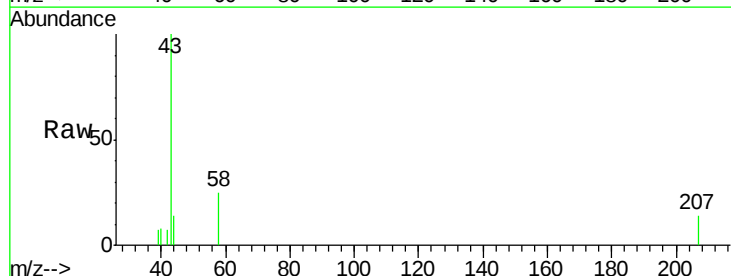
Acq: 27 Mar 2020 15:38

Tgt Ion: 43 Resp: 5759

Ion Ratio Lower Upper

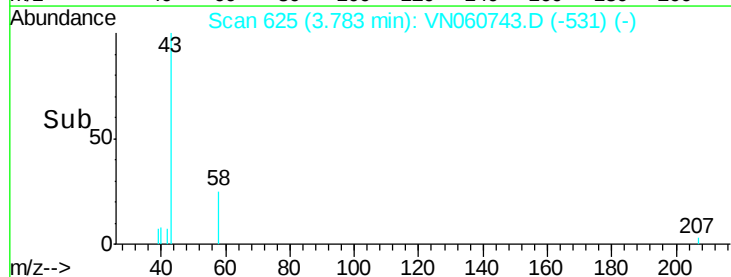
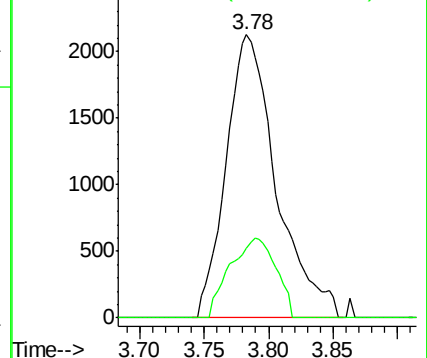
43 100

58 24.6 25.1 37.7#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

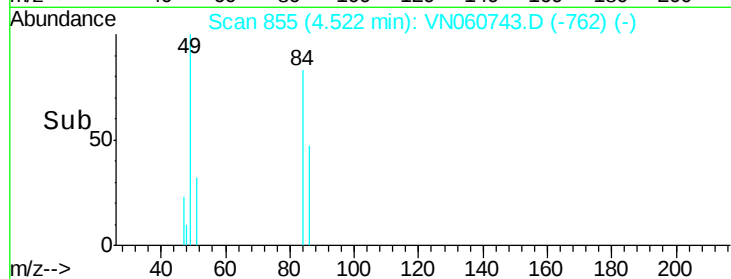
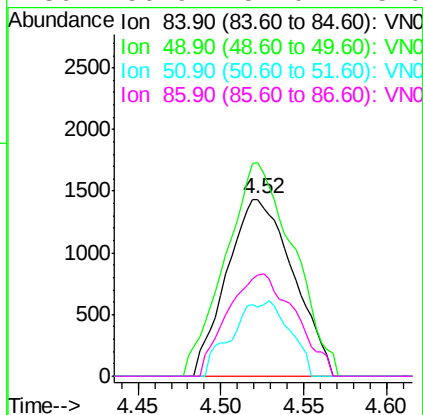
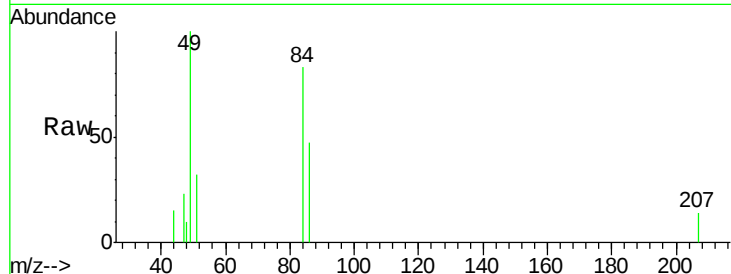




#20
Methvlene Chloride
Concen: 1.593 ug/l
RT: 4.52 min Scan# 855
Delta R.T. -0.00 min
Lab File: VN060743.D
Acq: 27 Mar 2020 15:38

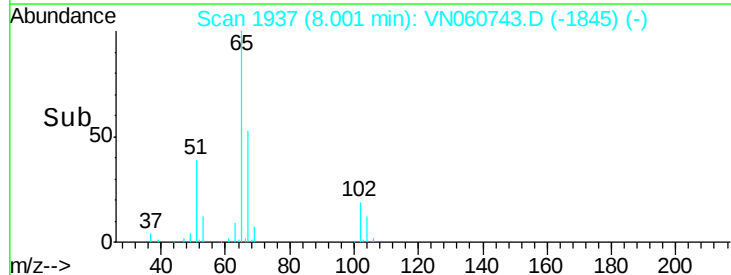
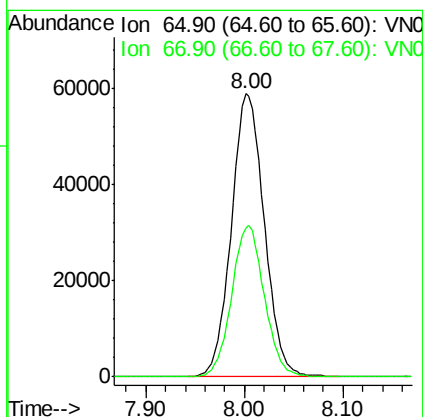
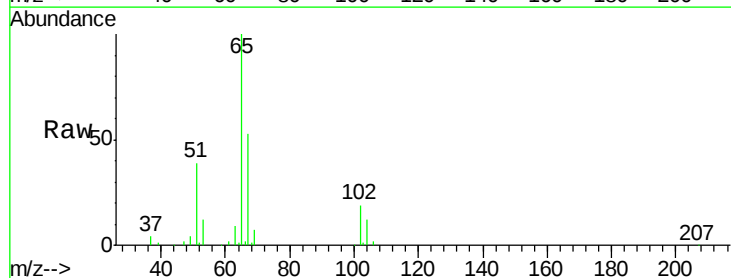
Instrument :
MSVOA_N
ClientSampleId :
PB127814ZHE#08

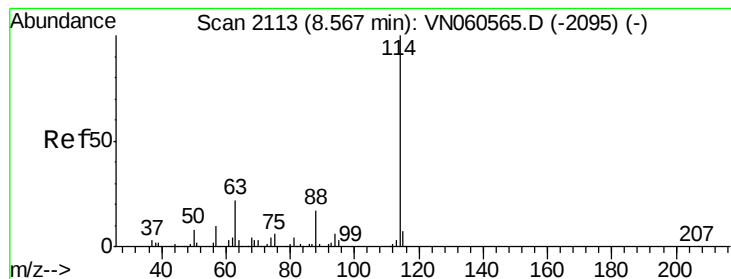
Tot Ion: 84	Resp: 3994
Ion Ratio	Lower Upper
84 100	
49 120.9	103.3 154.9
51 39.0	31.6 47.4
86 56.9	52.0 78.0



#33
1,2-Dichloroethane-d4
Concen: 47.510 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060743.D
Acq: 27 Mar 2020 15:38

Tgt Ion: 65	Resp: 136735
Ion Ratio	Lower Upper
65 100	
67 52.8	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: VN060743.D

Acq: 27 Mar 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#08

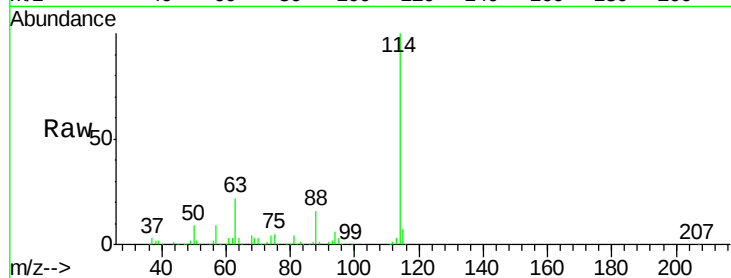
Tot Ion:114 Resp: 352121

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.8

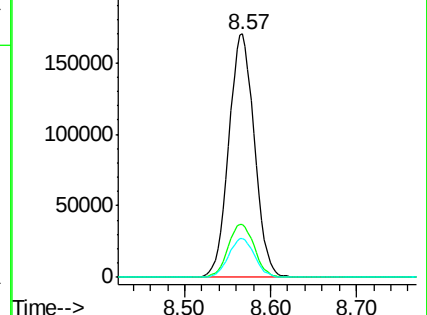
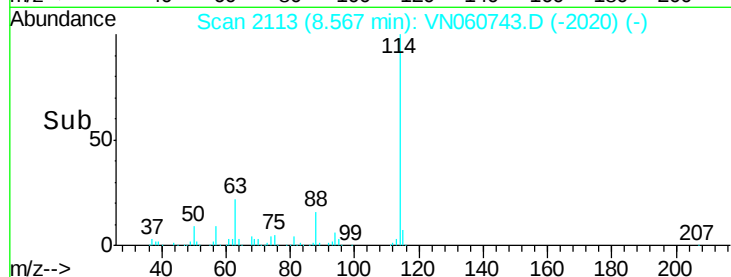
88 15.9 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 48.867 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060743.D

Acq: 27 Mar 2020 15:38

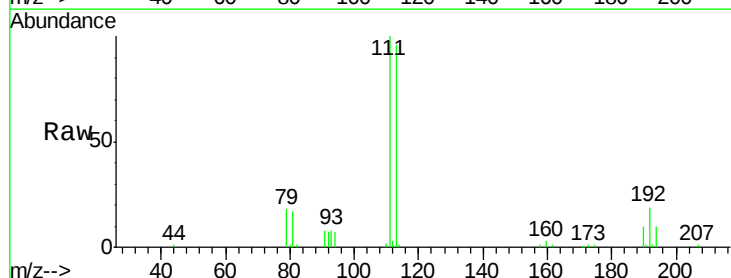
Tgt Ion:113 Resp: 104045

Ion Ratio Lower Upper

113 100

111 103.6 82.9 124.3

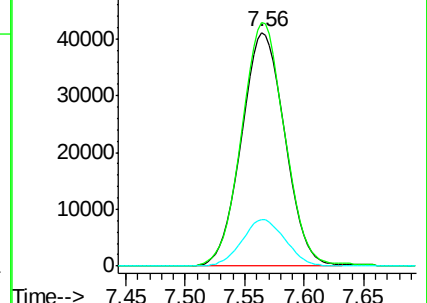
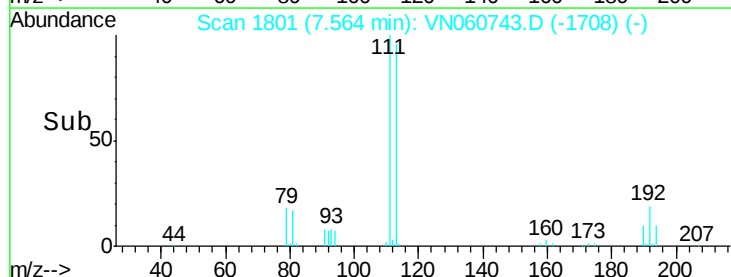
192 19.9 15.8 23.8

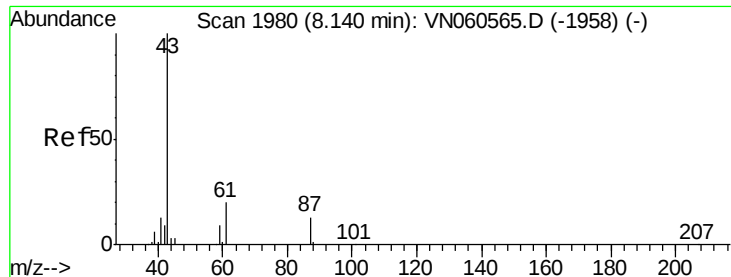


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.471 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060743.D

Acq: 27 Mar 2020 15:38

Instrument :

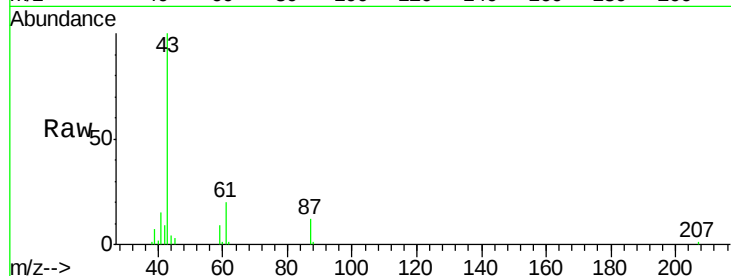
MSVOA_N

ClientSampleId :

PB127814ZHE#08

Tot Ion: 43 Resp: 63623

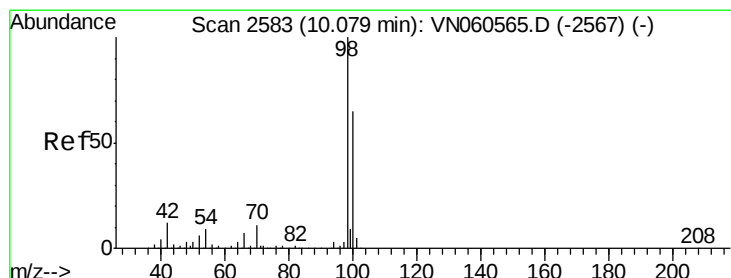
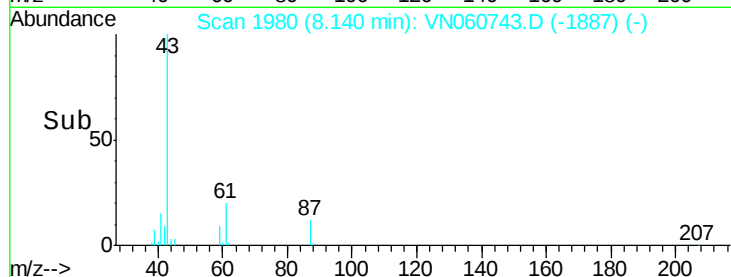
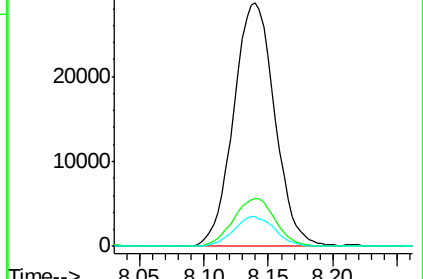
Ion	Ratio	Lower	Upper
43	100		
61	19.9	20.7	31.1#
87	12.1	9.8	14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060743.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060743.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060743.D (-1887) (-)



#50

Toluene-d8

Concen: 50.056 ug/l

RT: 10.08 min Scan# 2583

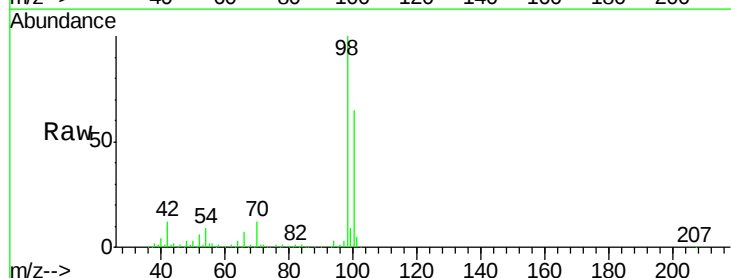
Delta R.T. -0.00 min

Lab File: VN060743.D

Acq: 27 Mar 2020 15:38

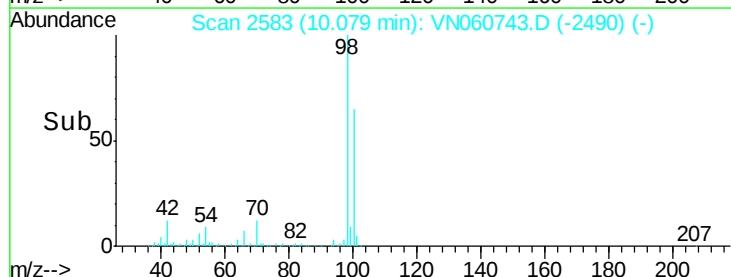
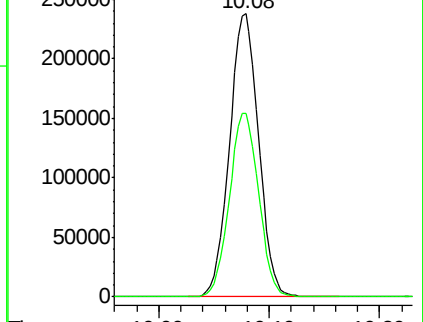
Tgt Ion: 98 Resp: 435330

Ion	Ratio	Lower	Upper
98	100		
100	65.4	51.8	77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060743.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060743.D (-2490) (-)





#62

4-Bromofluorobenzene

Concen: 51.750 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060743.D

Acq: 27 Mar 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#08

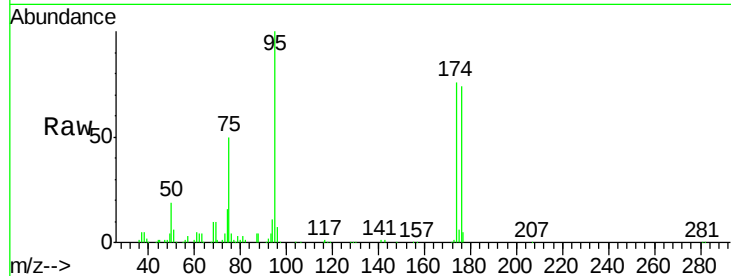
Tot Ion: 95 Resp: 164941

Ion Ratio Lower Upper

95 100

174 77.0 0.0 157.6

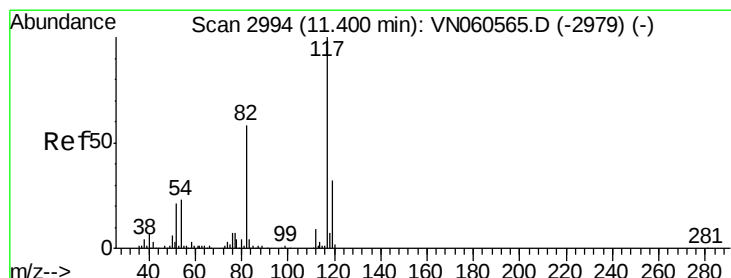
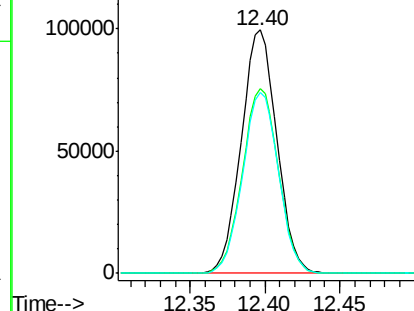
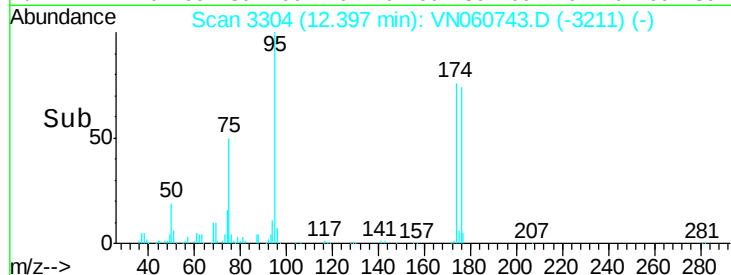
176 75.0 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060743.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060743.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060743.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060743.D

Acq: 27 Mar 2020 15:38

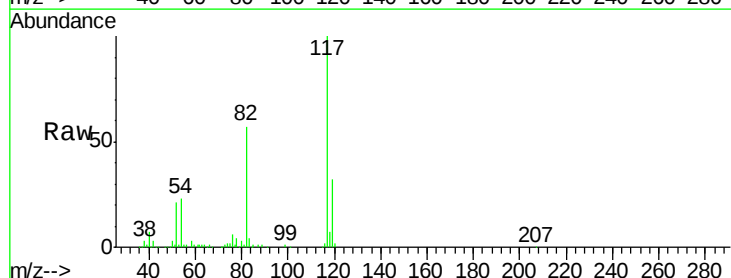
Tgt Ion: 117 Resp: 334105

Ion Ratio Lower Upper

117 100

82 57.0 46.7 70.1

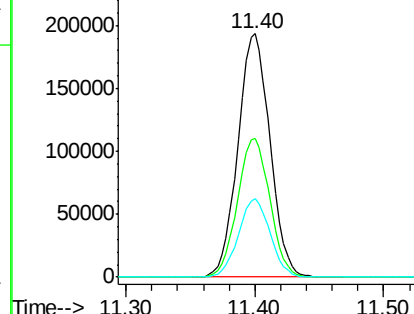
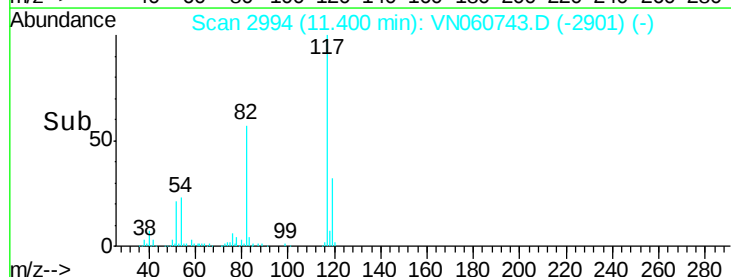
119 32.1 25.5 38.3

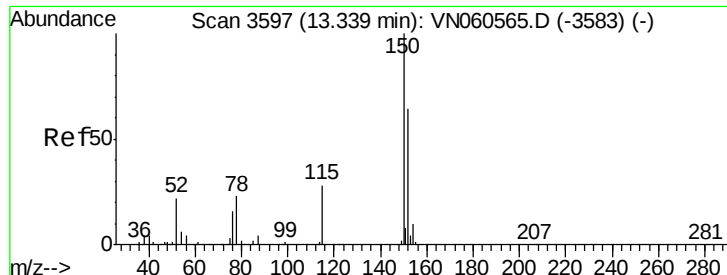


Abundance Ion 116.90 (116.60 to 117.60): VN060743.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060743.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060743.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: VN060743.D

Acq: 27 Mar 2020 15:38

Instrument :

MSVOA_N

ClientSampleId :

PB127814ZHE#08

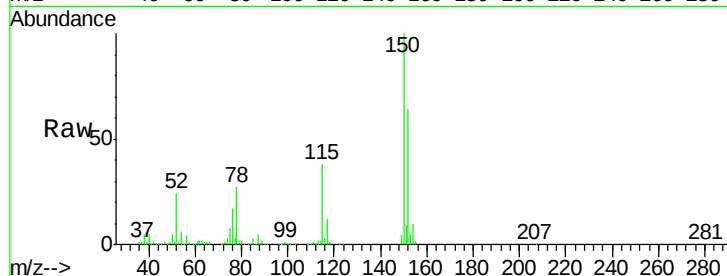
Tot Ion:152 Resp: 153030

Ion Ratio Lower Upper

152 100

115 59.7 30.2 90.6

150 156.5 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

