

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060725.D
 Acq On : 26 Mar 2020 19:38
 Operator : JC/MD
 Sample : PB127792ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127792ZHE#02

Quant Time: Mar 27 07:33:44 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

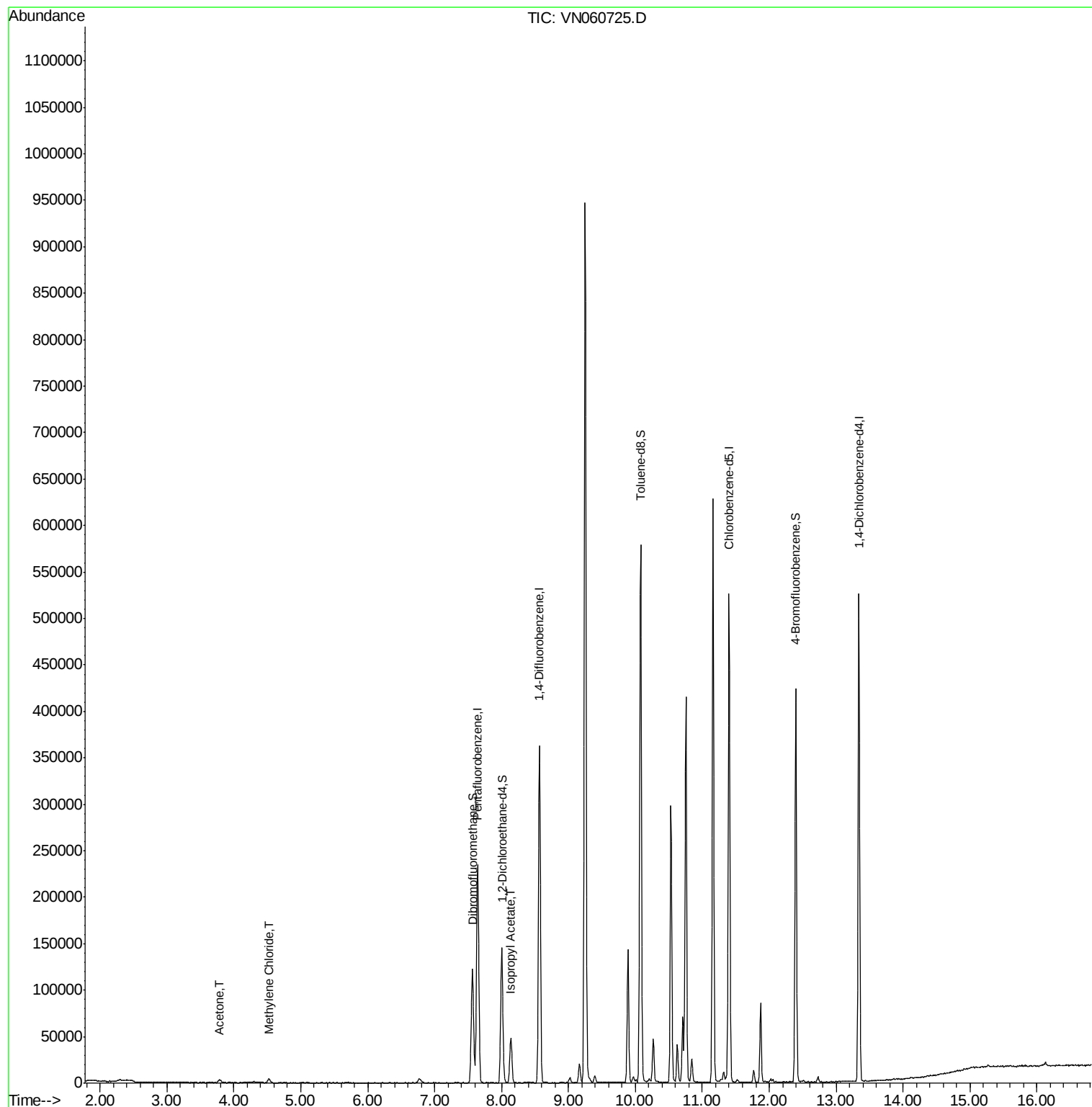
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	192932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319308	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	301610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136191	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	123199	46.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.04%	
35) Dibromofluoromethane	7.56	113	94512	48.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.90%	
50) Toluene-d8	10.08	98	391633	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	146464	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
Target Compounds						
16) Acetone	3.79	43	5907	6.296	ug/l	94
20) Methylene Chloride	4.52	84	3010	1.304	ug/l	89
43) Isopropyl Acetate	8.14	43	58386	10.597	ug/l #	92

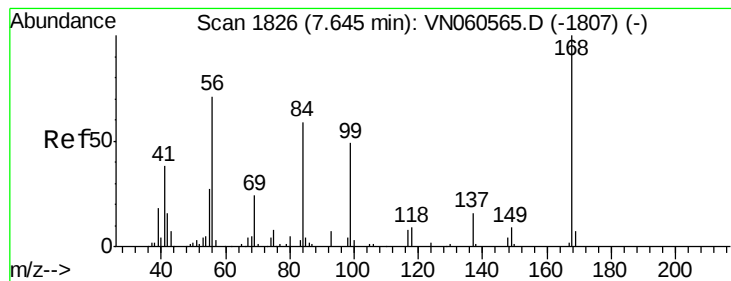
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032620\
Data File : VN060725.D
Acq On : 26 Mar 2020 19:38
Operator : JC/MD
Sample : PB127792ZHE#02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB127792ZHE#02

Quant Time: Mar 27 07:33:44 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
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: VN060725.D

Acq: 26 Mar 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

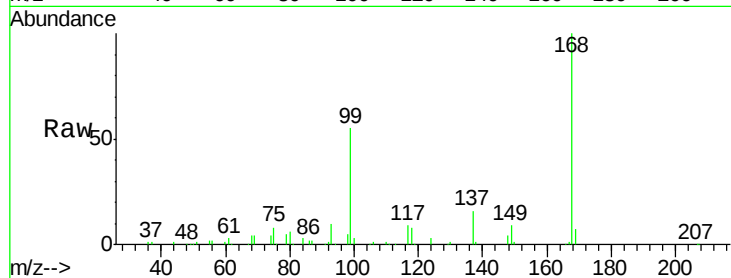
PB127792ZHE#02

Tot Ion:168 Resp: 192932

Ion Ratio Lower Upper

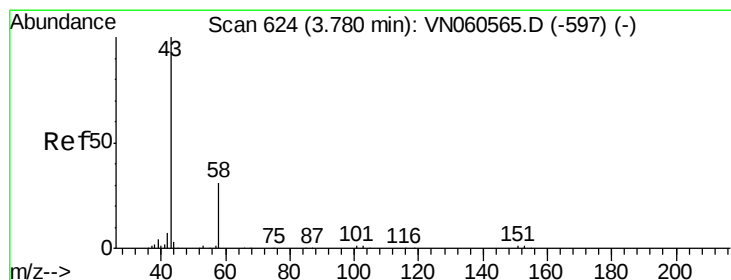
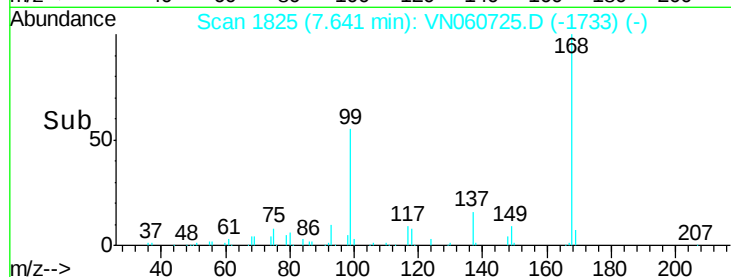
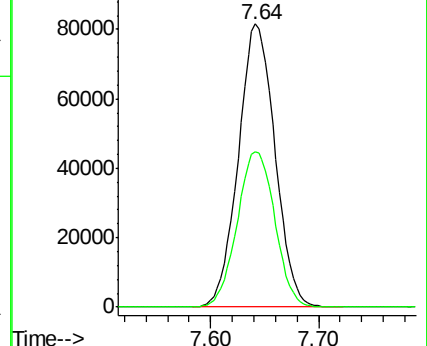
168 100

99 54.9 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: 6.296 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060725.D

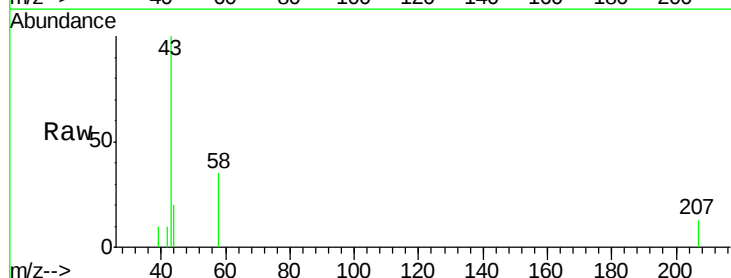
Acq: 26 Mar 2020 19:38

Tgt Ion: 43 Resp: 5907

Ion Ratio Lower Upper

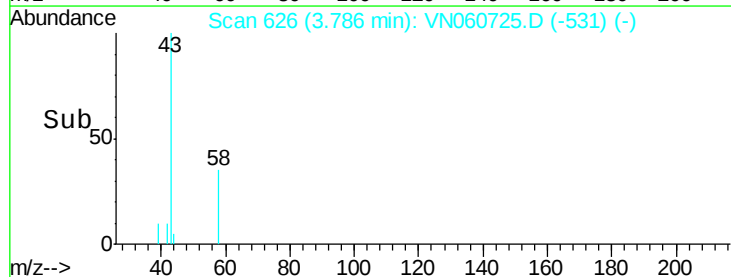
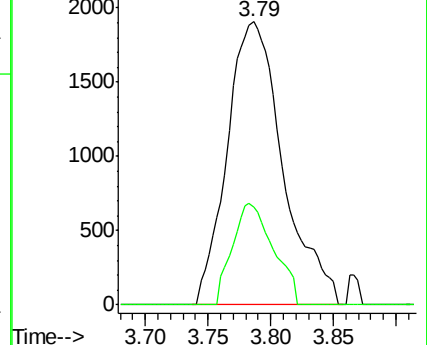
43 100

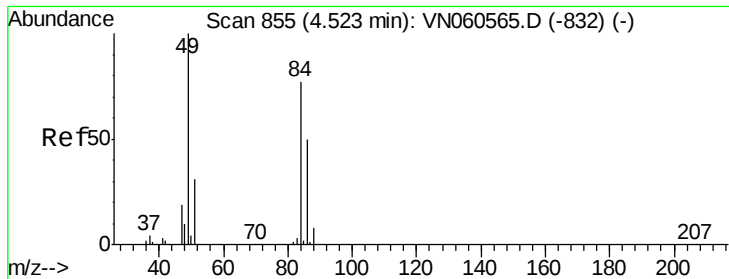
58 34.7 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methylene Chloride

Concen: 1.304 ug/l

RT: 4.52 min Scan# 854

Delta R.T. -0.00 min

Lab File: VN060725.D

Acq: 26 Mar 2020 19:38

Instrument :

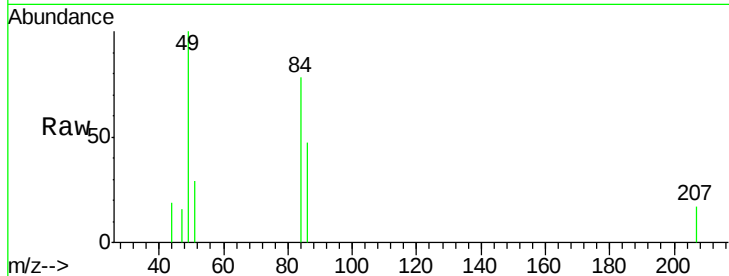
MSVOA_N

ClientSampleId :

PB127792ZHE#02

Tot Ion: 84 Resp: 3010

Ion	Ratio	Lower	Upper
84	100		
49	111.3	103.3	154.9
51	37.3	31.6	47.4
86	59.9	52.0	78.0

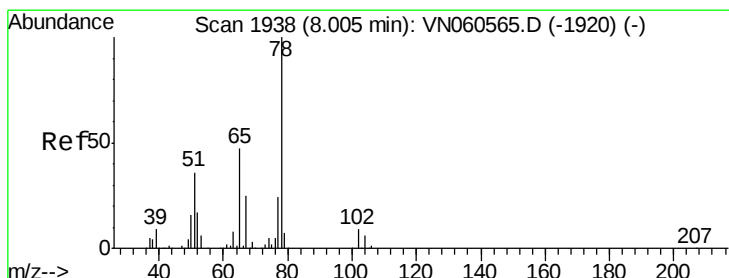
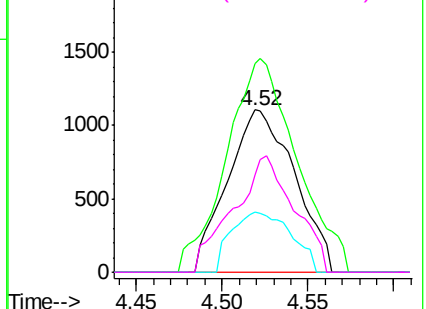
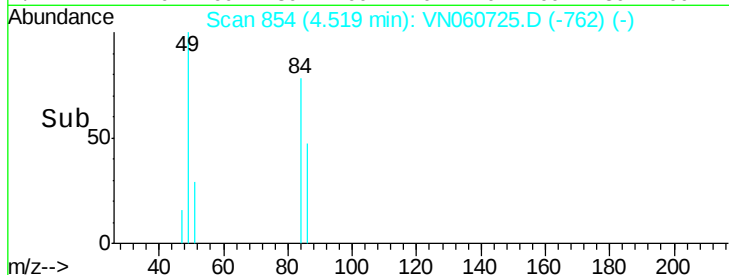


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 46.516 ug/l

RT: 8.00 min Scan# 1938

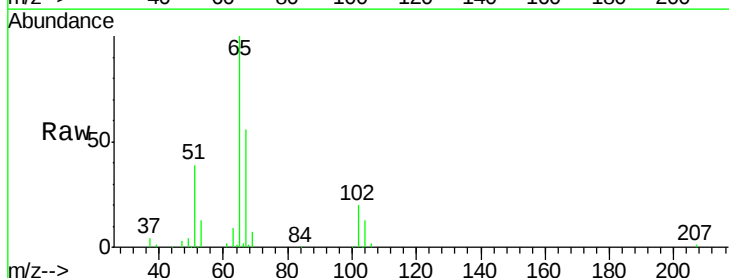
Delta R.T. -0.00 min

Lab File: VN060725.D

Acq: 26 Mar 2020 19:38

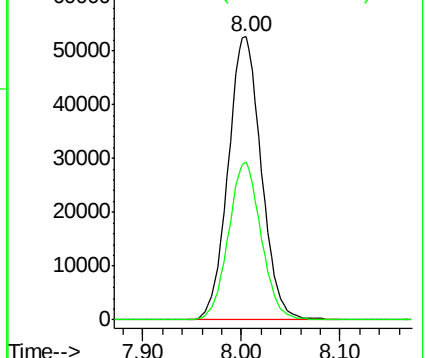
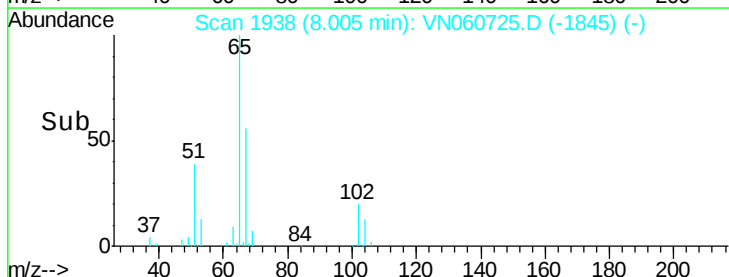
Tgt Ion: 65 Resp: 123199

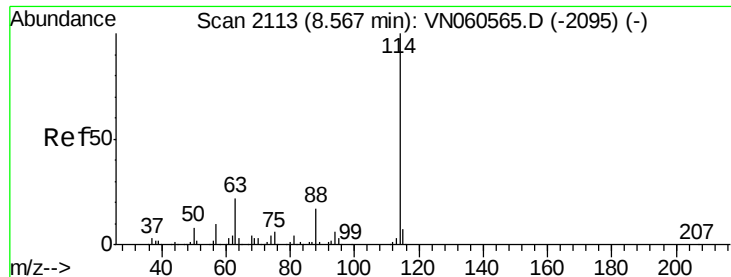
Ion	Ratio	Lower	Upper
65	100		
67	54.8	0.0	107.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

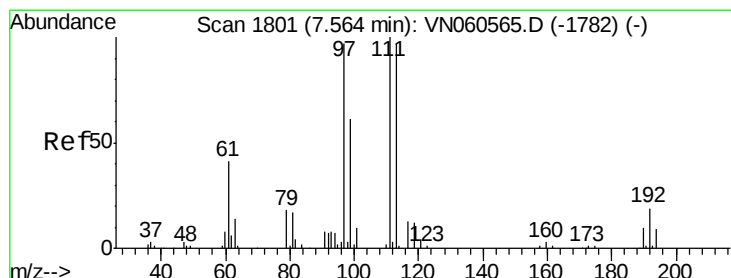
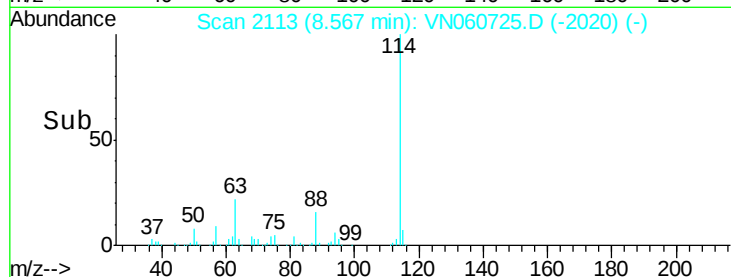
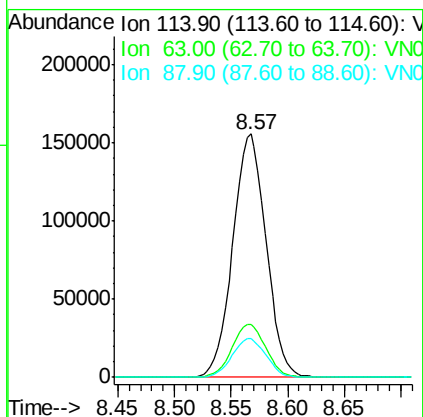
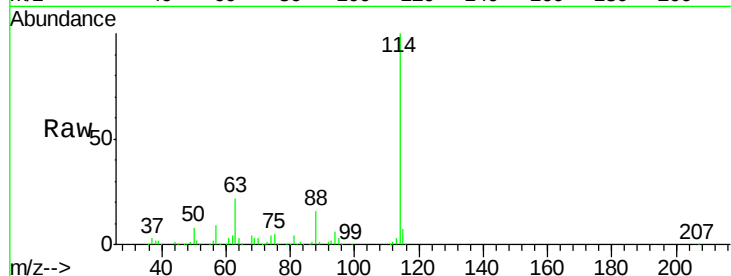




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060725.D
 Acq: 26 Mar 2020 19:38

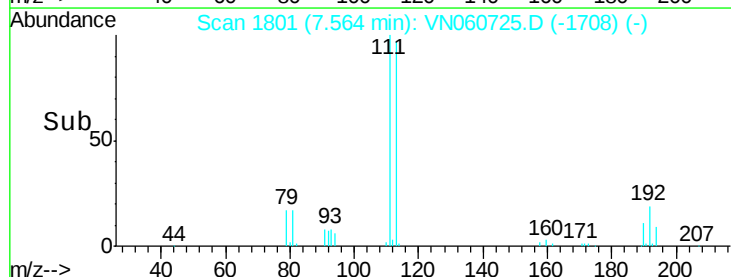
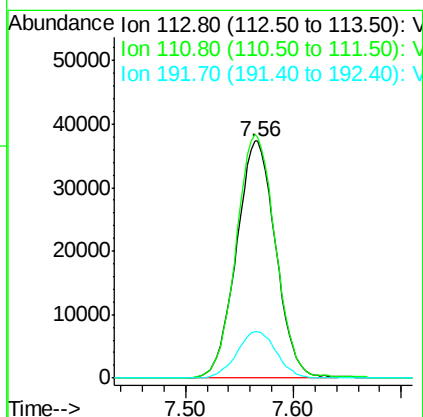
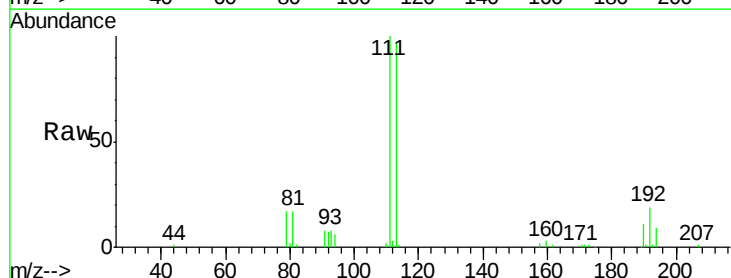
Instrument :
 MSVOA_N
 ClientSampleId :
 PB127792ZHE#02

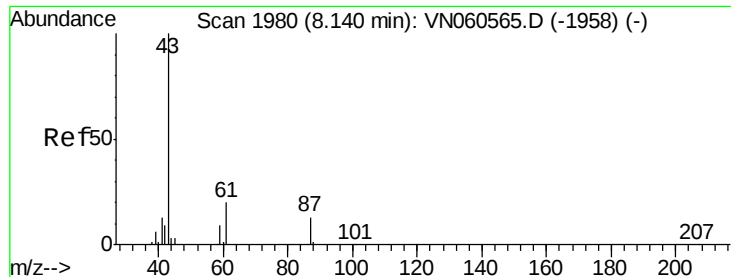
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.6	0.0	43.8
88	15.9	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 48.951 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060725.D
 Acq: 26 Mar 2020 19:38

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	19.7	15.8	23.8





#43

Isopropyl Acetate

Concen: 10.597 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. -0.00 min

Lab File: VN060725.D

Acq: 26 Mar 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

PB127792ZHE#02

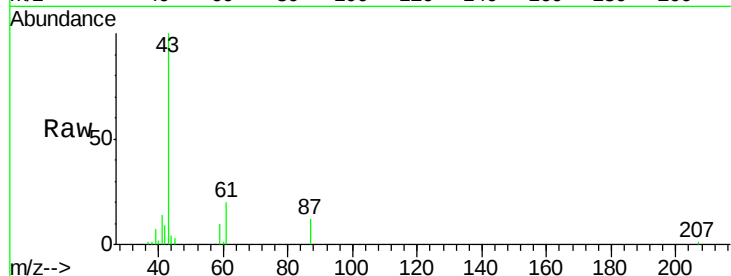
Tot Ion: 43 Resp: 58386

Ion Ratio Lower Upper

43 100

61 19.7 20.7 31.1#

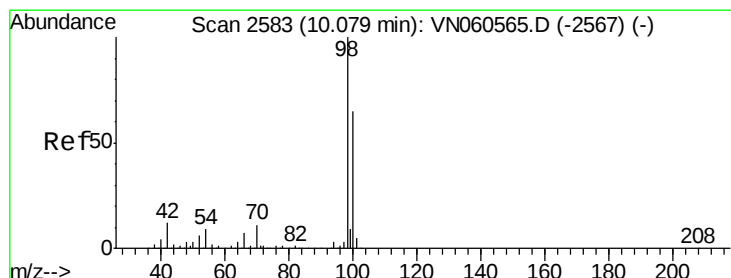
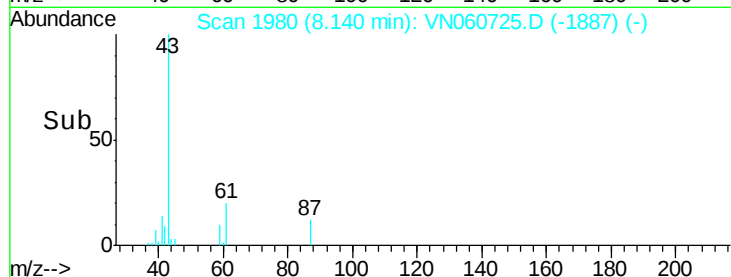
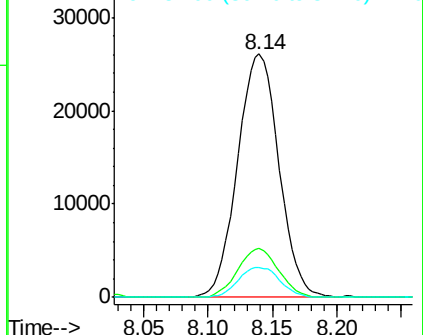
87 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VN060725.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060725.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060725.D (-1887) (-)



#50

Toluene-d8

Concen: 49.659 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060725.D

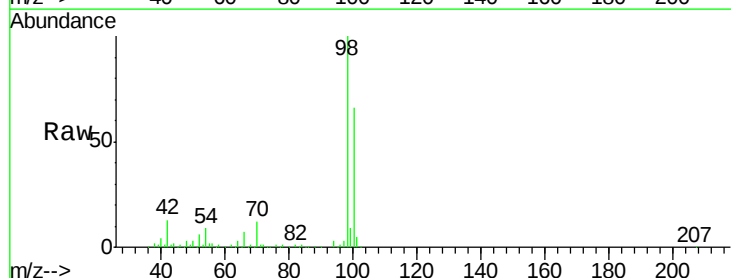
Acq: 26 Mar 2020 19:38

Tgt Ion: 98 Resp: 391633

Ion Ratio Lower Upper

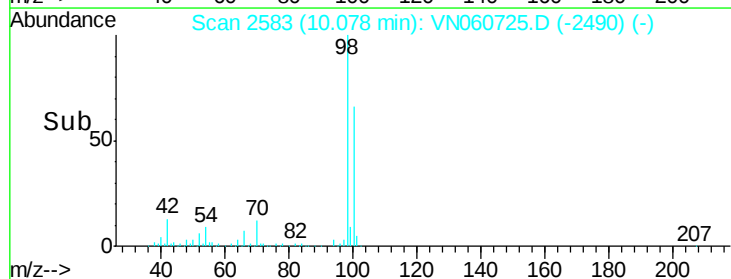
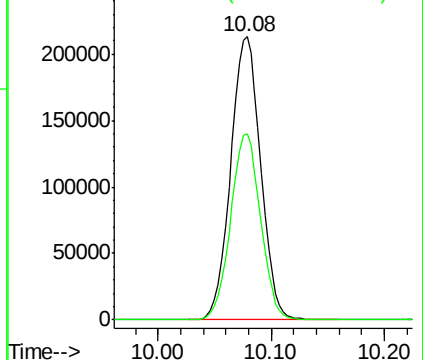
98 100

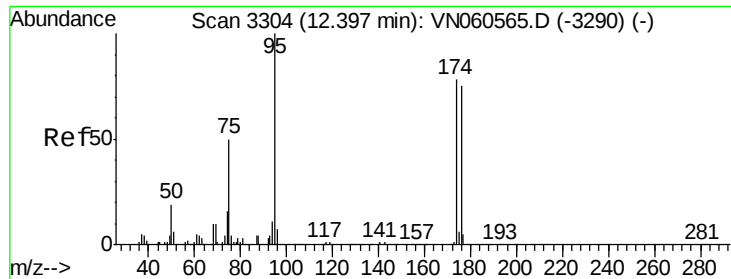
100 65.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN060725.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060725.D (-2490) (-)

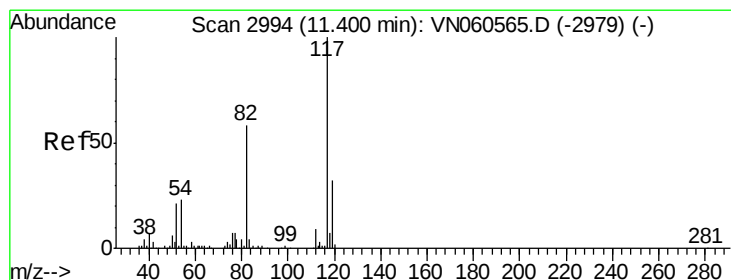
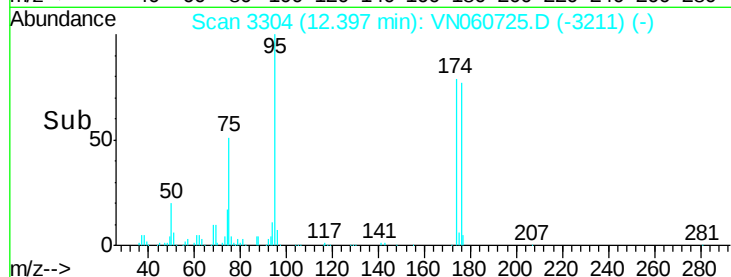
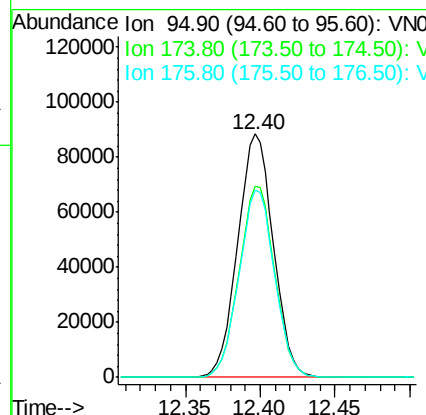
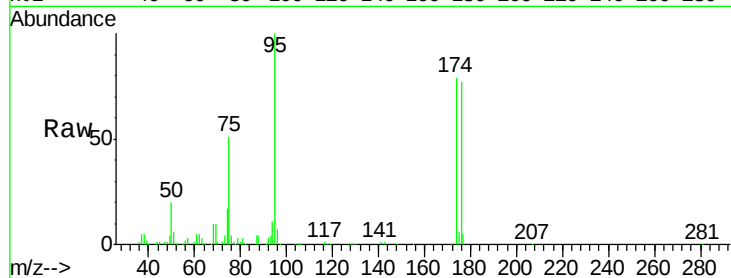




#62
4-Bromofluorobenzene
Concen: 50.675 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN060725.D
Acq: 26 Mar 2020 19:38

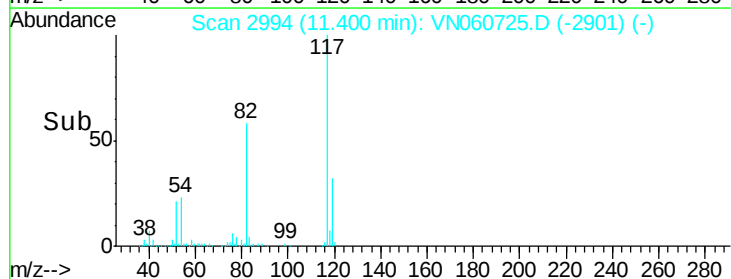
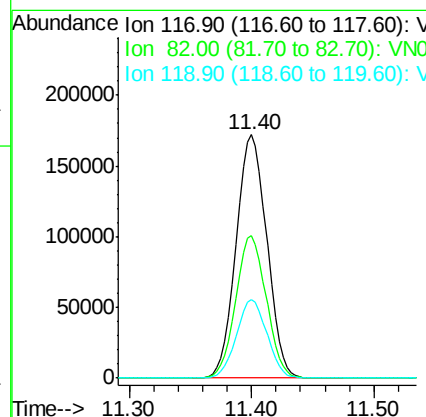
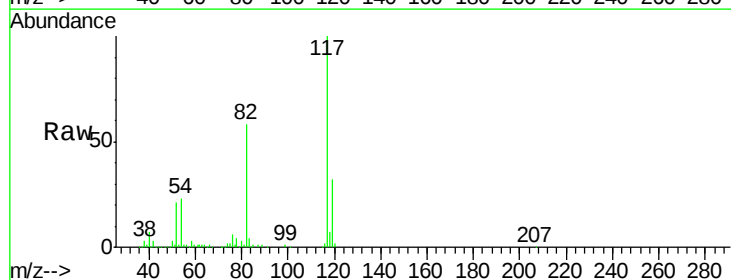
Instrument :
MSVOA_N
ClientSampleId :
PB127792ZHE#02

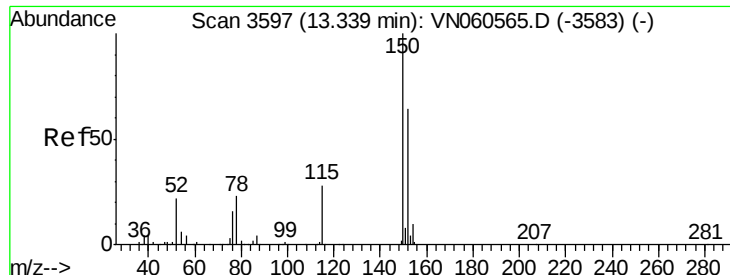
Tot Ion: 95 Resp: 146464
Ion Ratio Lower Upper
95 100
174 78.5 0.0 157.6
176 77.0 0.0 150.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060725.D
Acq: 26 Mar 2020 19:38

Tgt Ion: 117 Resp: 301610
Ion Ratio Lower Upper
117 100
82 58.4 46.7 70.1
119 32.4 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060725.D

Acq: 26 Mar 2020 19:38

Instrument :

MSVOA_N

ClientSampleId :

PB127792ZHE#02

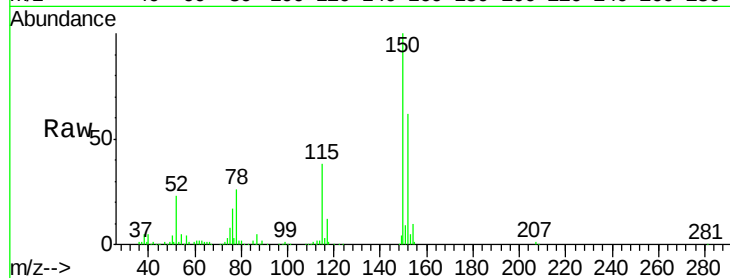
Tot Ion:152 Resp: 136191

Ion Ratio Lower Upper

152 100

115 60.6 30.2 90.6

150 159.4 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

