

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031320\
 Data File : VN060498.D
 Acq On : 13 Mar 2020 13:33
 Operator : JC/MD
 Sample : PB127465ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127465ZHE#11

Quant Time: Mar 16 08:39:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 27 13:52:50 2020
 Response via : Initial Calibration

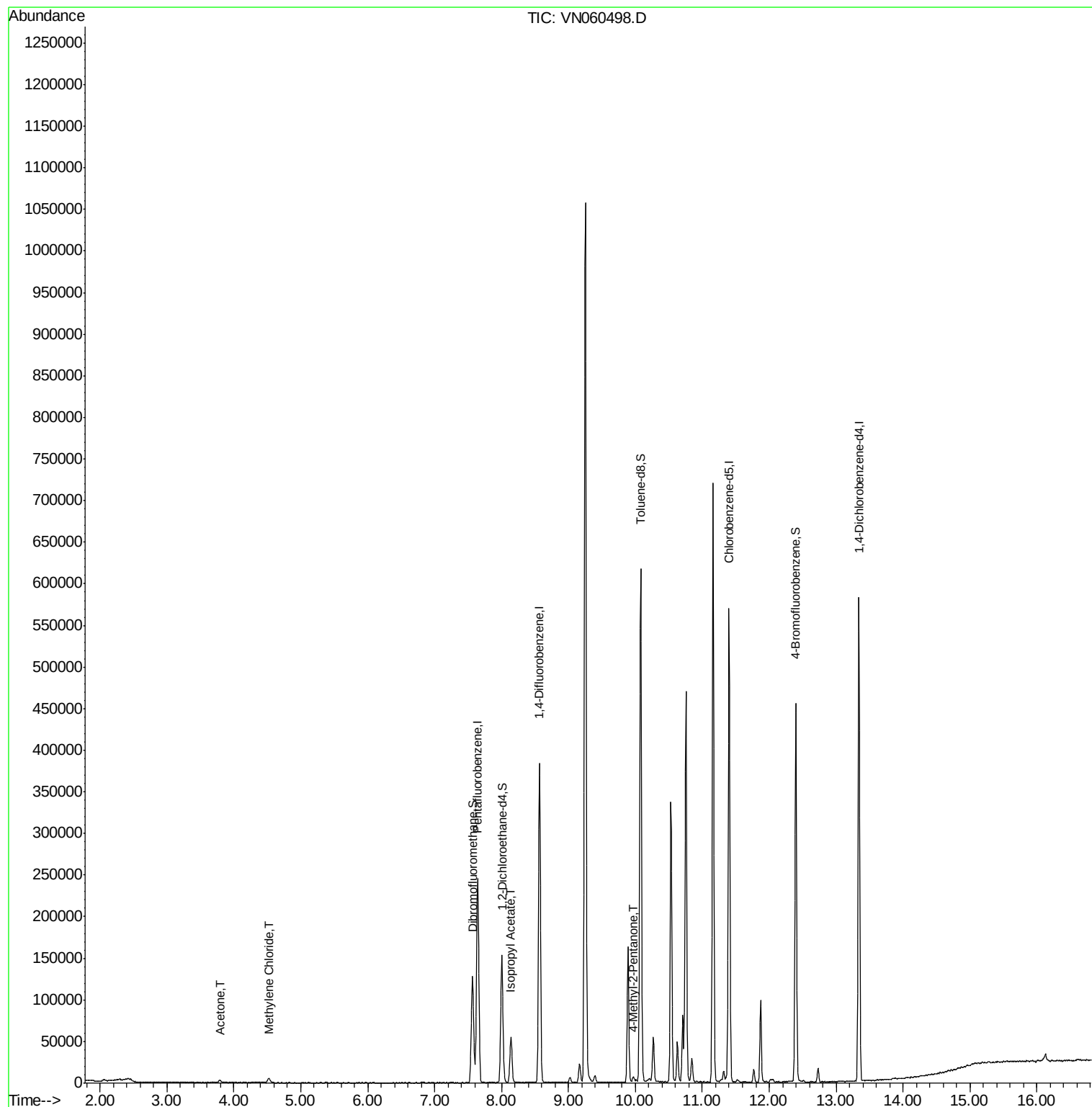
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	204038	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	335399	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	320127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	152159	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	132661	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
35) Dibromofluoromethane	7.56	113	99735	64.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.12%	
50) Toluene-d8	10.08	98	418901	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.40	95	160025	53.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.16%	
Target Compounds						
16) Acetone	3.79	43	5744	6.795	ug/l	96
20) Methylene Chloride	4.52	84	3928	1.692	ug/l	94
43) Isopropyl Acetate	8.14	43	65692	12.398	ug/l #	91
51) 4-Methyl-2-Pentanone	9.97	43	5305	1.766	ug/l	88

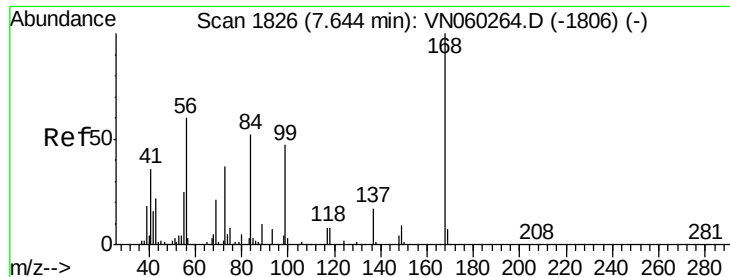
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 27 13:52:50 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060498.D

Acq: 13 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

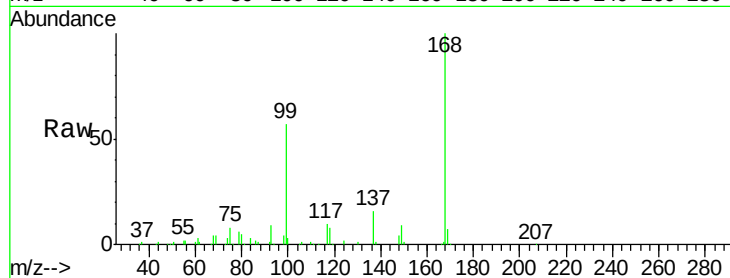
PB127465ZHE#11

Tot Ion:168 Resp: 204038

Ion Ratio Lower Upper

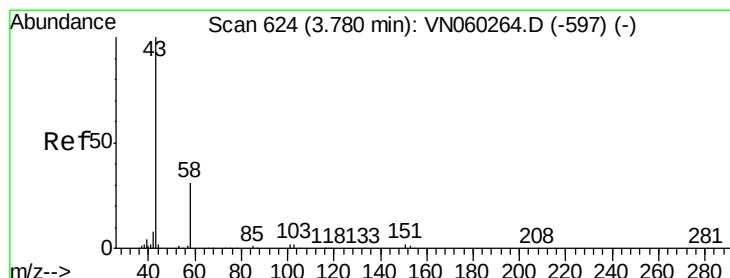
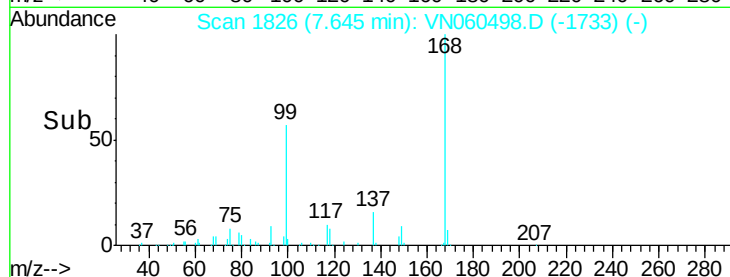
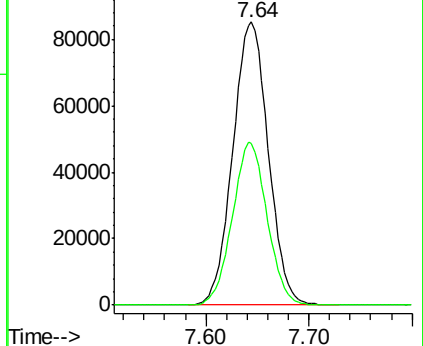
168 100

99 57.2 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 6.795 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060498.D

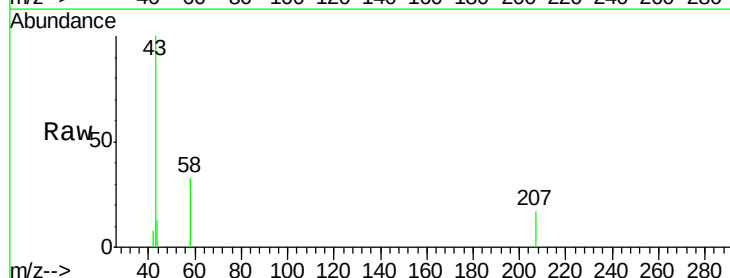
Acq: 13 Mar 2020 13:33

Tgt Ion: 43 Resp: 5744

Ion Ratio Lower Upper

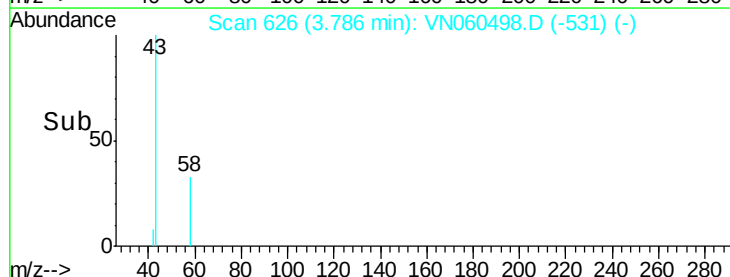
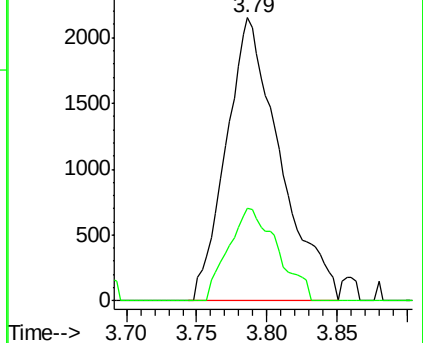
43 100

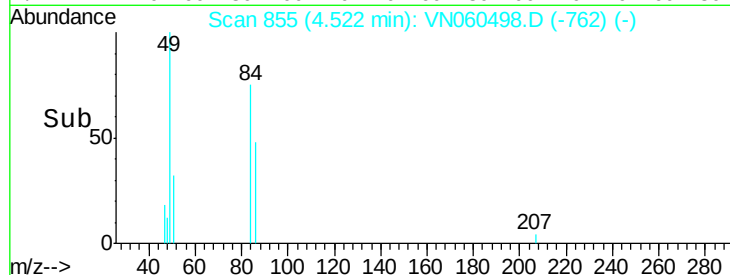
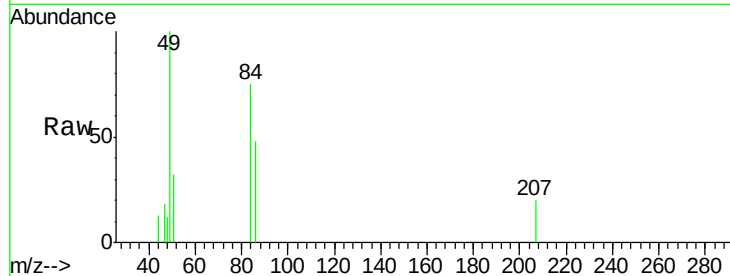
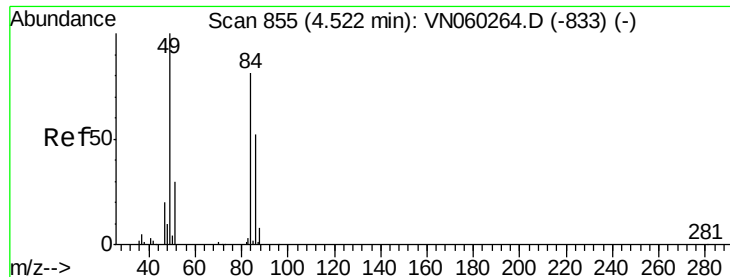
58 32.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

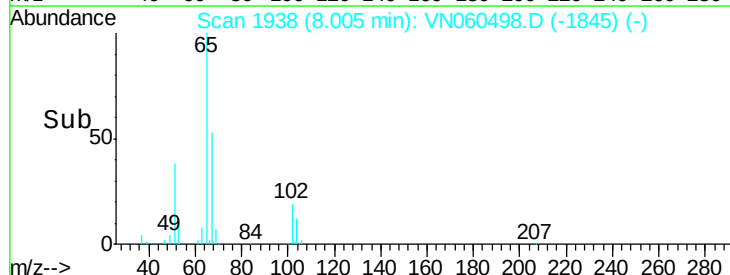
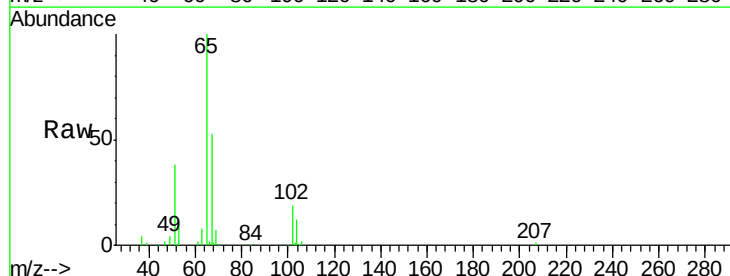
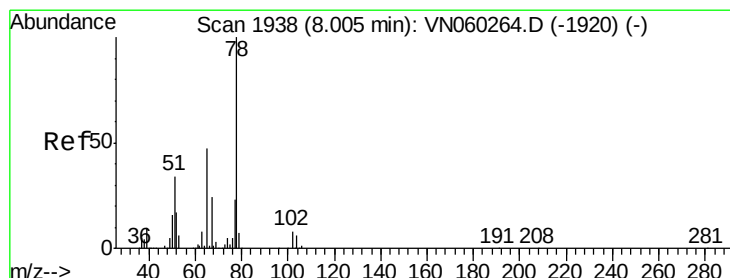
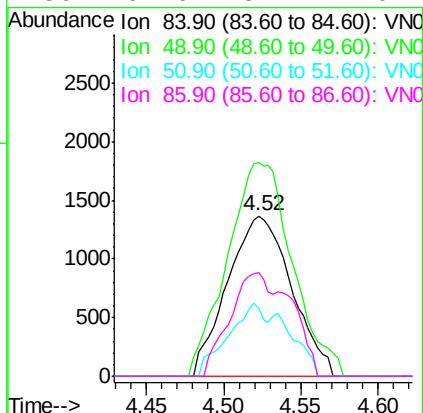




#20
Methylene Chloride
Concen: 1.692 ug/l
RT: 4.52 min Scan# 855
Delta R.T. 0.00 min
Lab File: VN060498.D
Acq: 13 Mar 2020 13:33

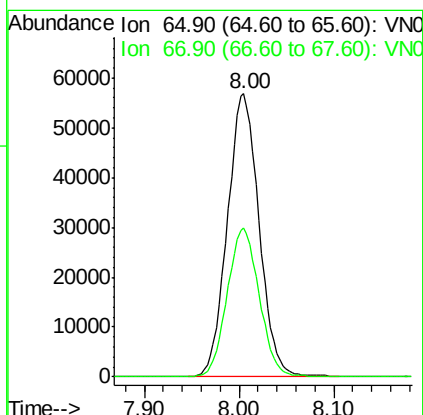
Instrument :
MSVOA_N
ClientSampleId :
PB127465ZHE#11

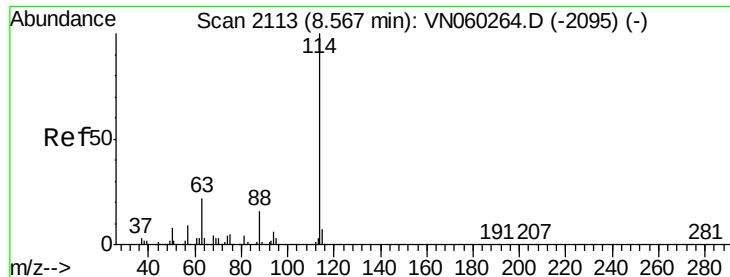
Tot Ion:	84	Resp:	3928
Ion	Ratio	Lower	Upper
84	100		
49	133.4	99.3	148.9
51	42.1	30.1	45.1
86	64.6	51.1	76.7



#33
1,2-Dichloroethane-d4
Concen: 50.676 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060498.D
Acq: 13 Mar 2020 13:33

Tgt Ion:	65	Resp:	132661
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	103.8

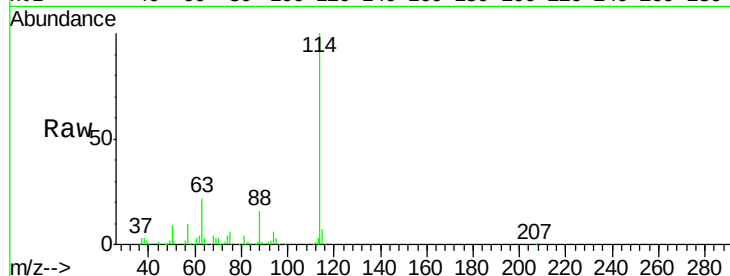




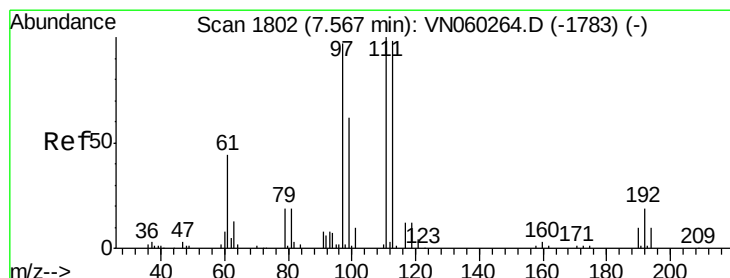
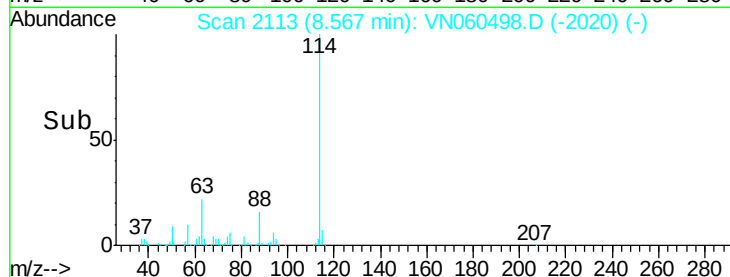
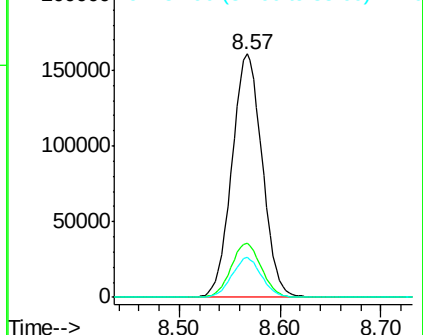
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060498.D
Acq: 13 Mar 2020 13:33

Instrument :
MSVOA_N
ClientSampleId :
PB127465ZHE#11

Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.2
88	16.3	0.0	31.6

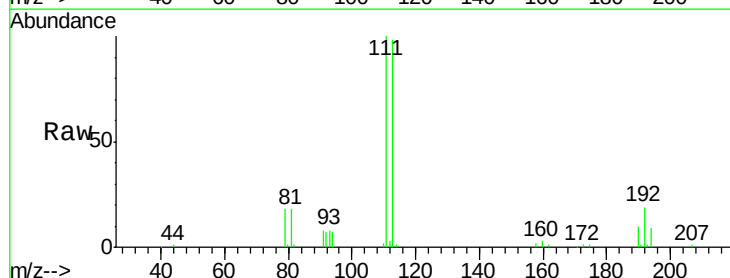


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

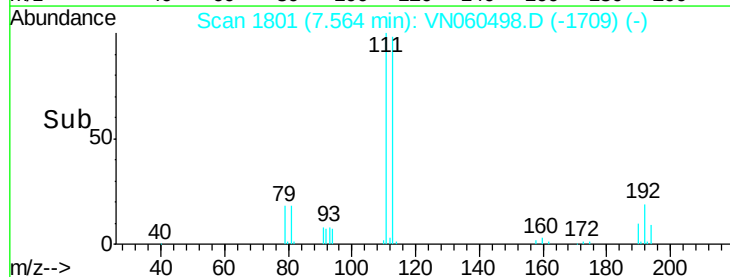
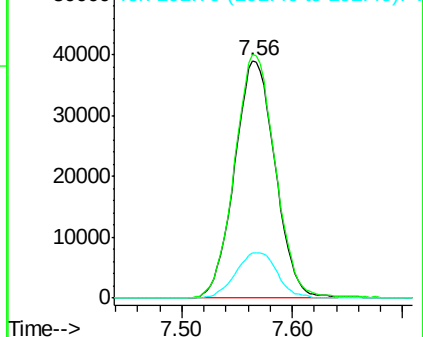


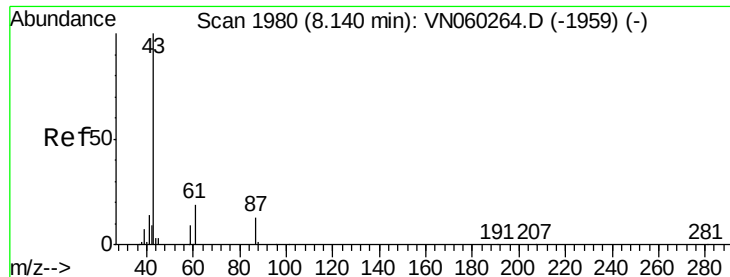
#35
Dibromofluoromethane
Concen: 64.064 ug/l
RT: 7.56 min Scan# 1801
Delta R.T. -0.00 min
Lab File: VN060498.D
Acq: 13 Mar 2020 13:33

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.4	123.6
192	19.6	16.2	24.2



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: 12.398 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060498.D

Acq: 13 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#11

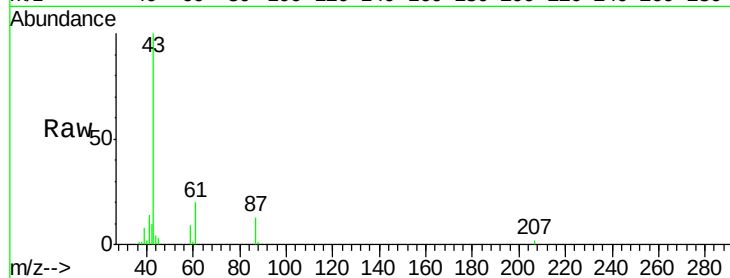
Tot Ion: 43 Resp: 65692

Ion Ratio Lower Upper

43 100

61 19.5 20.9 31.3#

87 12.2 10.6 16.0

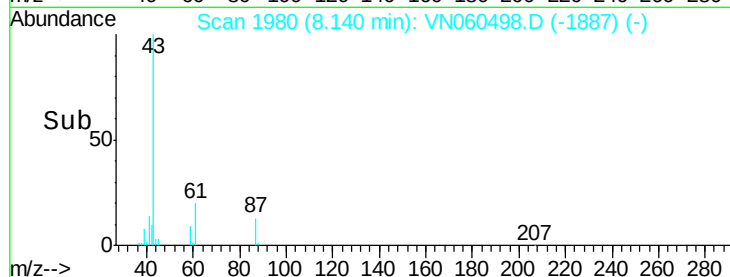


Abundance Ion 43.00 (42.70 to 43.70): VN060498.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060498.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060498.D (-1887) (-)

Time-->



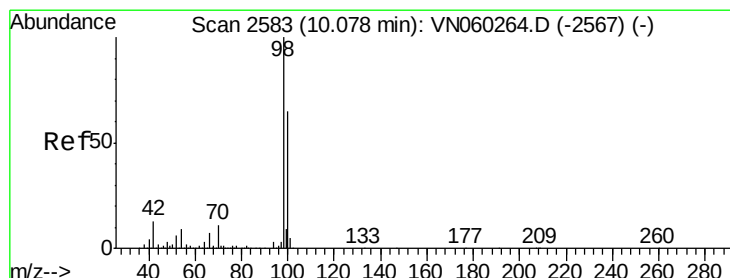
Abundance

Ion 43.00 (42.70 to 43.70): VN060498.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN060498.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN060498.D (-1887) (-)

Time-->



#50

Toluene-d8

Concen: 53.165 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060498.D

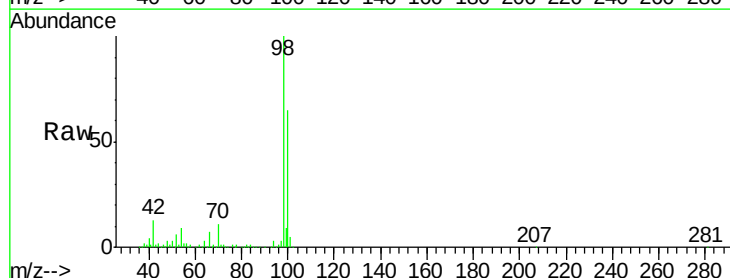
Acq: 13 Mar 2020 13:33

Tgt Ion: 98 Resp: 418901

Ion Ratio Lower Upper

98 100

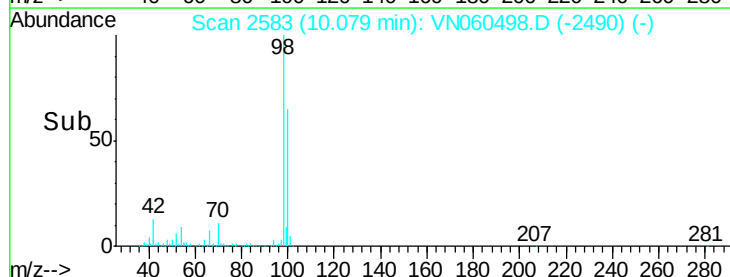
100 64.6 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060498.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060498.D (-2490) (-)

Time-->

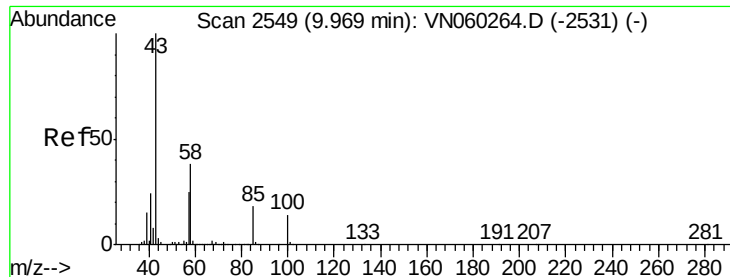


Abundance

Ion 98.00 (97.70 to 98.70): VN060498.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN060498.D (-2490) (-)

Time-->



#51

4-Methyl-2-Pentanone

Concen: 1.766 ug/l

RT: 9.97 min Scan# 2549

Delta R.T. 0.00 min

Lab File: VN060498.D

Acq: 13 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

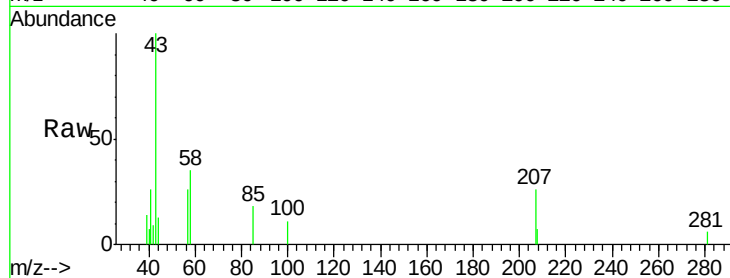
PB127465ZHE#11

Tot Ion: 43 Resp: 5305

Ion Ratio Lower Upper

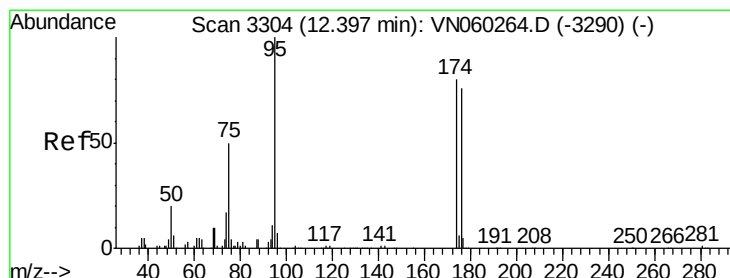
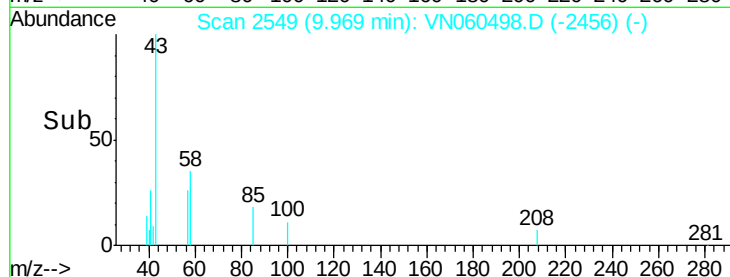
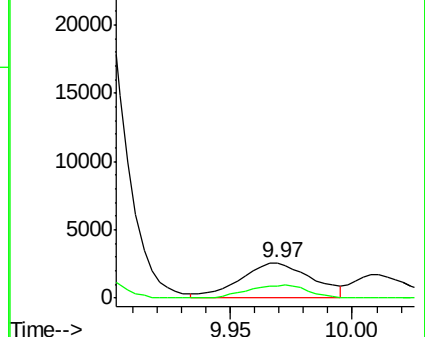
43 100

58 31.3 30.9 46.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#62

4-Bromofluorobenzene

Concen: 53.577 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060498.D

Acq: 13 Mar 2020 13:33

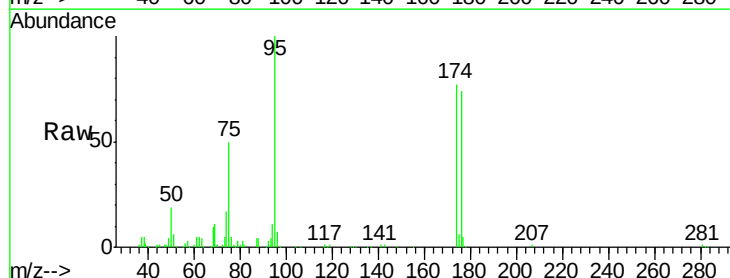
Tgt Ion: 95 Resp: 160025

Ion Ratio Lower Upper

95 100

174 77.3 0.0 159.2

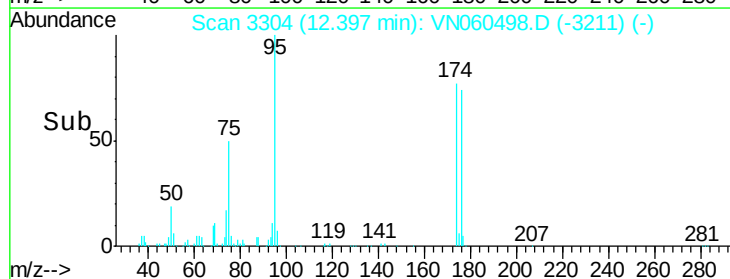
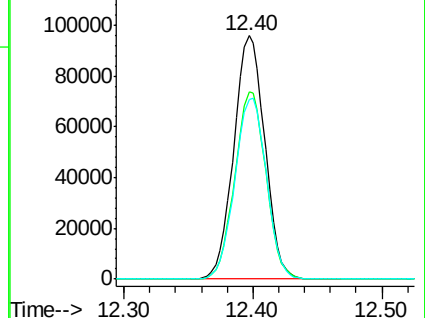
176 75.9 0.0 153.8

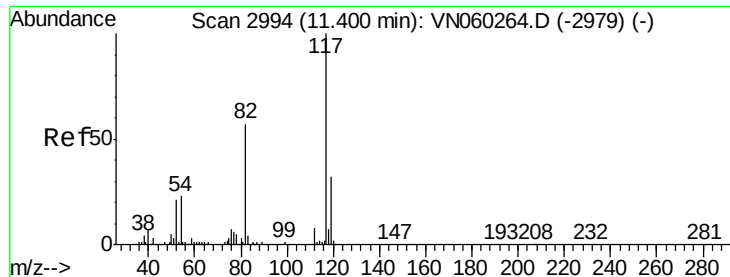


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060498.D

Acq: 13 Mar 2020 13:33

Instrument :

MSVOA_N

ClientSampleId :

PB127465ZHE#11

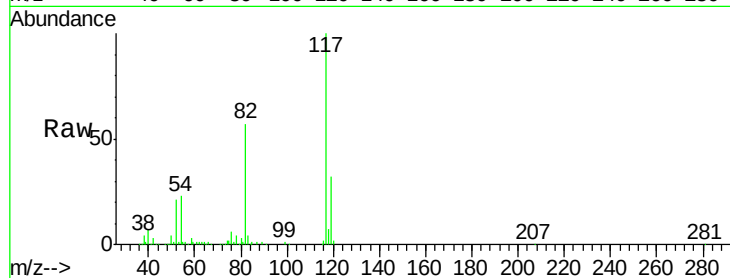
Tot Ion:117 Resp: 320127

Ion Ratio Lower Upper

117 100

82 57.1 45.8 68.6

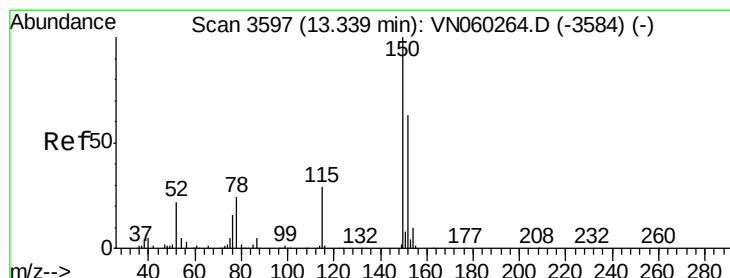
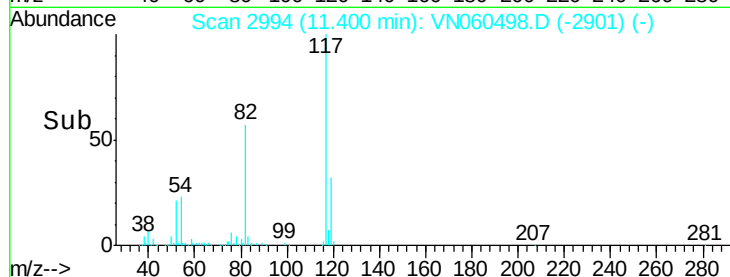
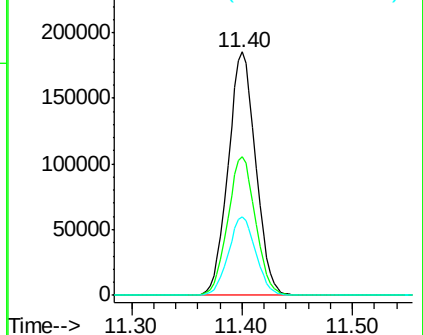
119 32.1 25.8 38.8



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060498.D

Acq: 13 Mar 2020 13:33

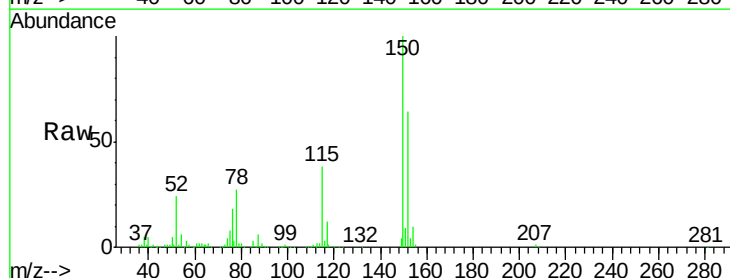
Tgt Ion:152 Resp: 152159

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 156.3 0.0 349.6



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

