

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031620\
 Data File : VN060535.D
 Acq On : 16 Mar 2020 19:46
 Operator : JC/MD
 Sample : PB127541ZHE#08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB127541ZHE#08

Quant Time: Mar 17 09:24:57 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

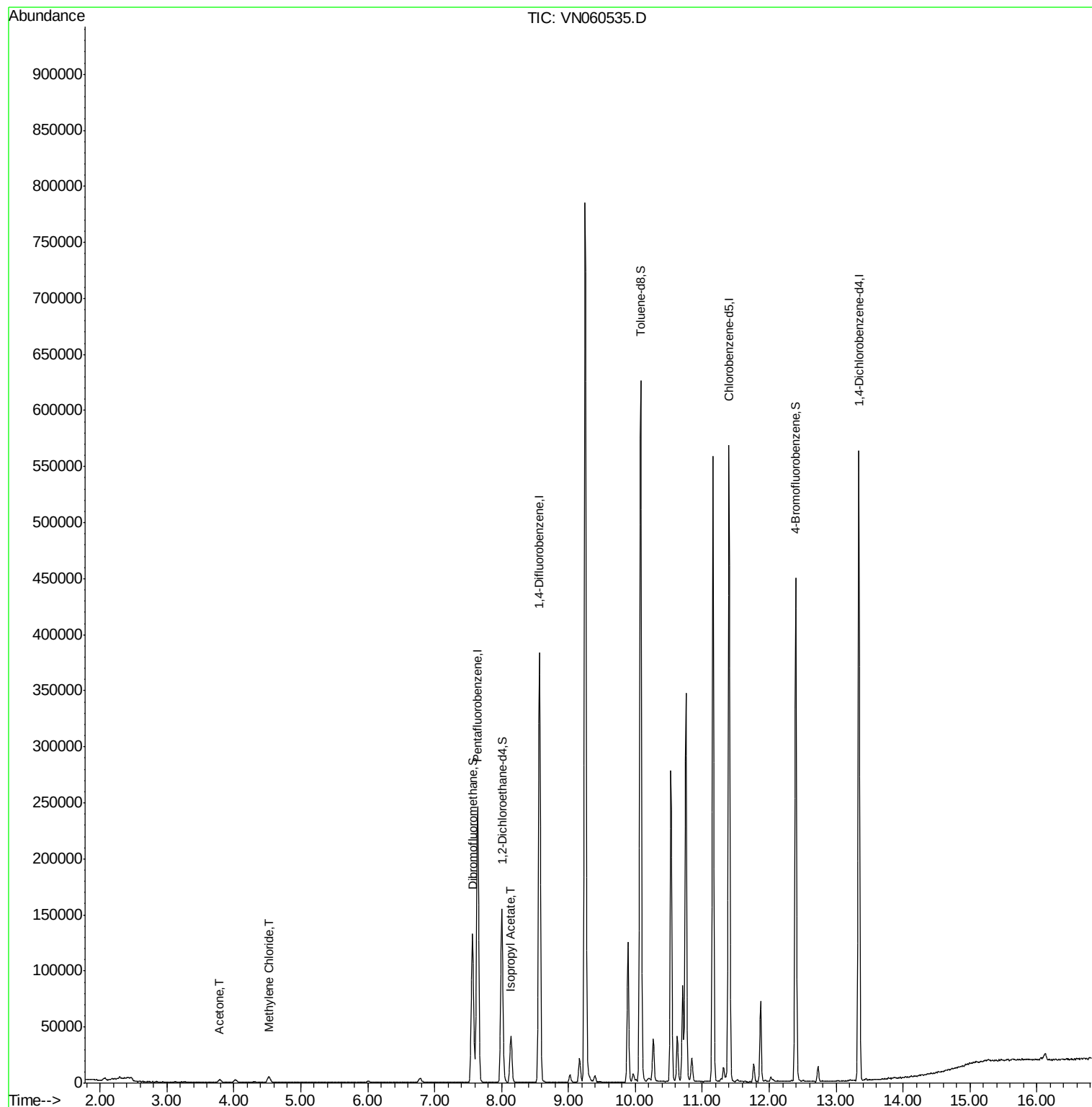
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	205989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	343311	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	323802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	148018	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	135091	51.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.24%	
35) Dibromofluoromethane	7.57	113	103321	64.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	129.68%	
50) Toluene-d8	10.08	98	426674	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.40	95	158924	51.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.96%	
Target Compounds						
16) Acetone	3.79	43	5169	6.057	ug/l #	89
20) Methylene Chloride	4.53	84	4248	1.812	ug/l	96
43) Isopropyl Acetate	8.14	43	50650	9.339	ug/l #	89

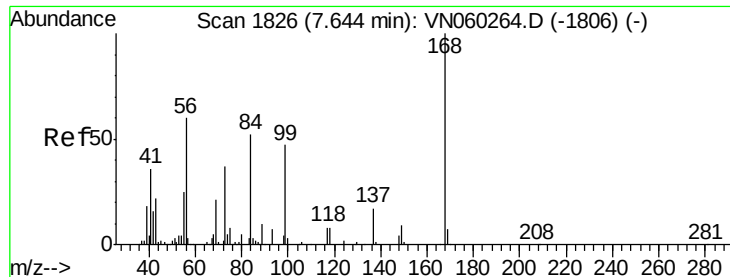
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060535.D

Acq: 16 Mar 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

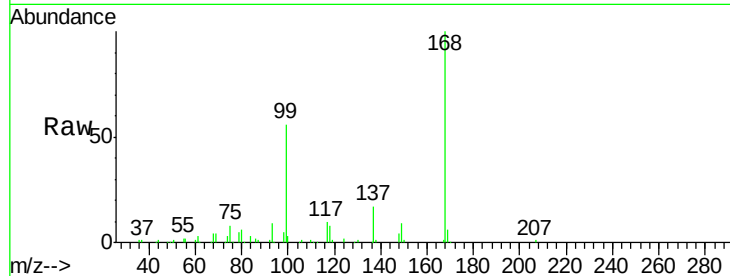
PB127541ZHE#08

Tot Ion:168 Resp: 205989

Ion Ratio Lower Upper

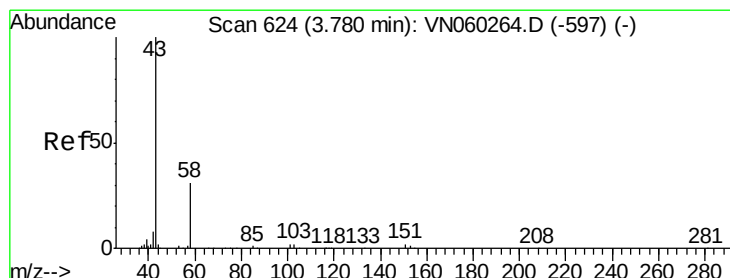
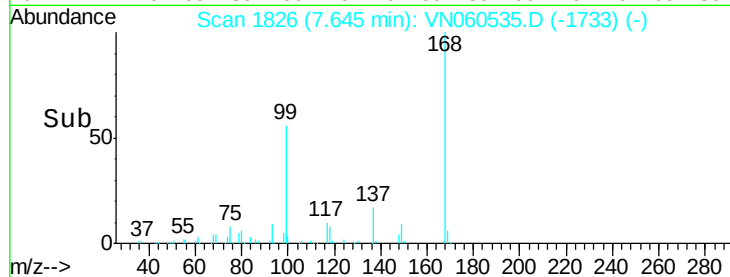
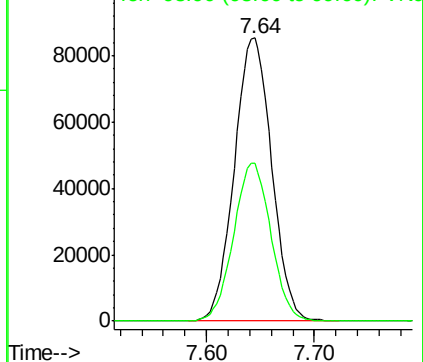
168 100

99 55.6 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 6.057 ug/l

RT: 3.79 min Scan# 627

Delta R.T. 0.01 min

Lab File: VN060535.D

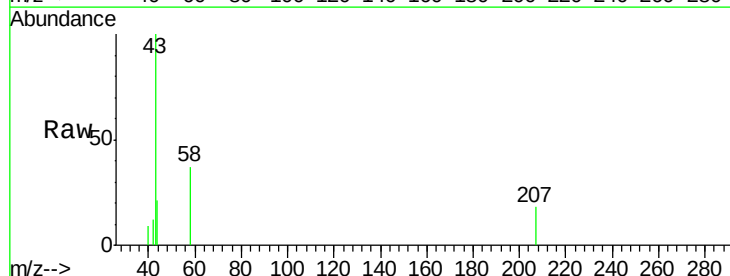
Acq: 16 Mar 2020 19:46

Tgt Ion: 43 Resp: 5169

Ion Ratio Lower Upper

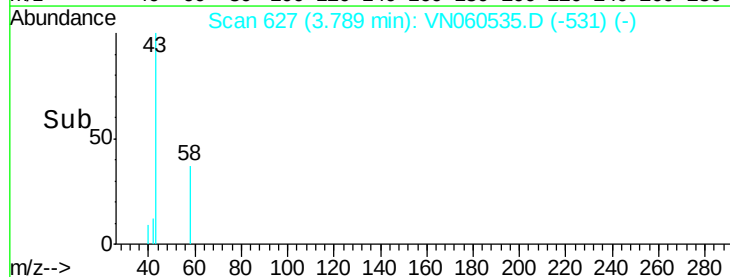
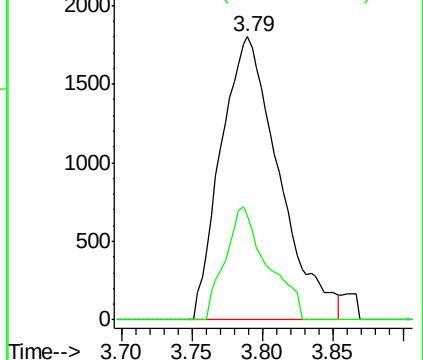
43 100

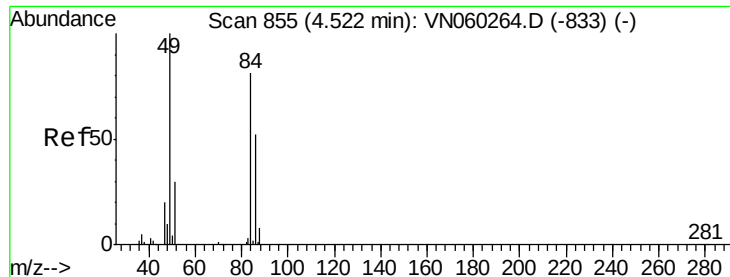
58 36.9 24.6 36.8#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

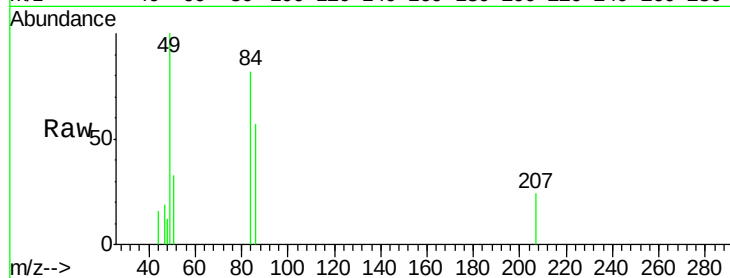




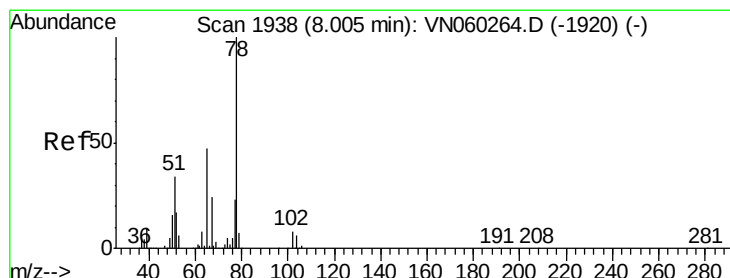
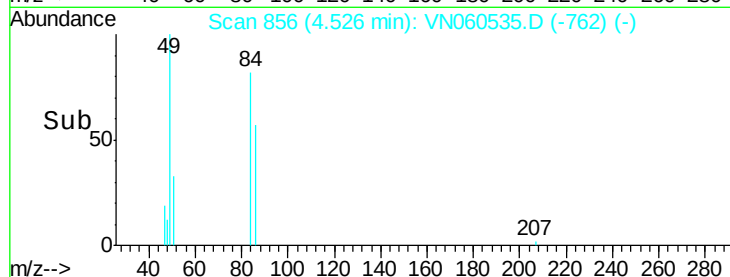
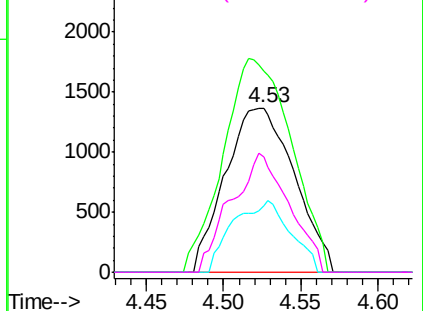
#20
Methylene Chloride
Concen: 1.812 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN060535.D
Acq: 16 Mar 2020 19:46

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#08

Tot Ion:	84	Resp:	4248
Ion	Ratio	Lower	Upper
84	100		
49	122.4	99.3	148.9
51	40.5	30.1	45.1
86	69.9	51.1	76.7

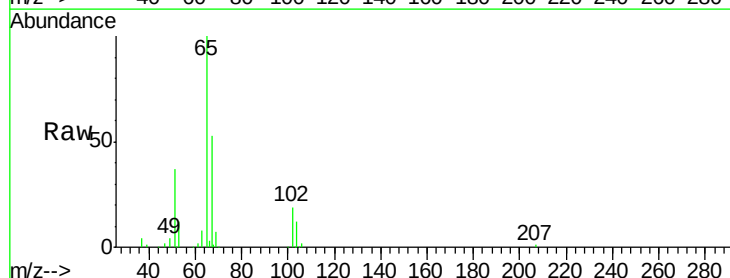


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

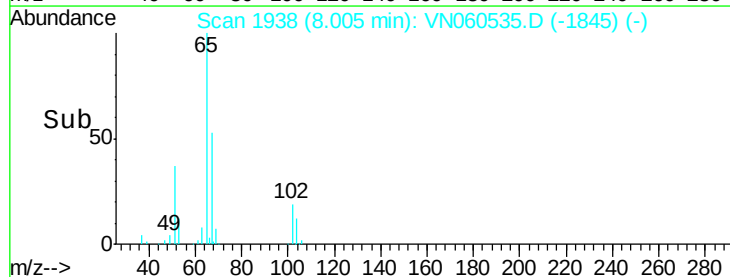
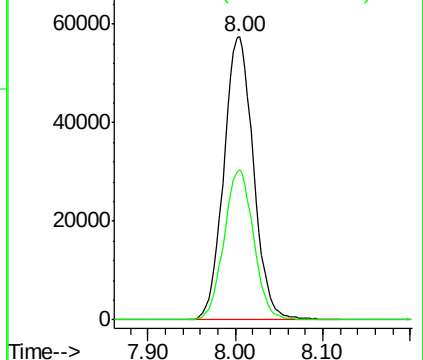


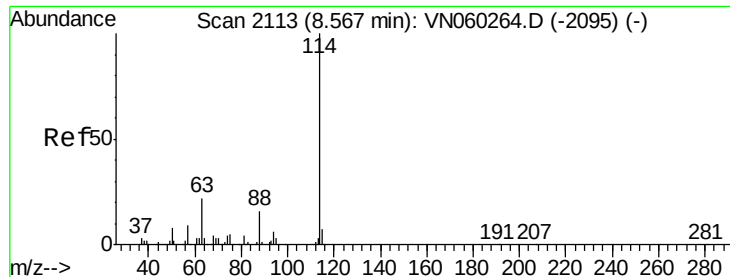
#33
1,2-Dichloroethane-d4
Concen: 51.115 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN060535.D
Acq: 16 Mar 2020 19:46

Tgt Ion:	65	Resp:	135091
Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	103.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

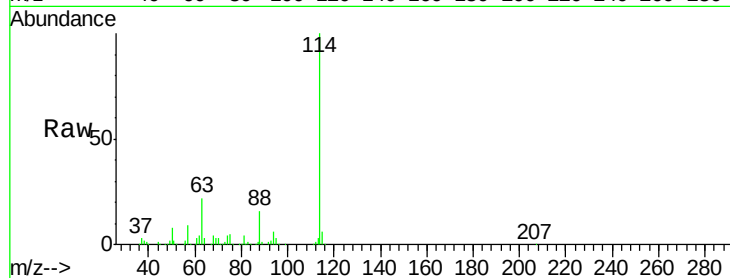




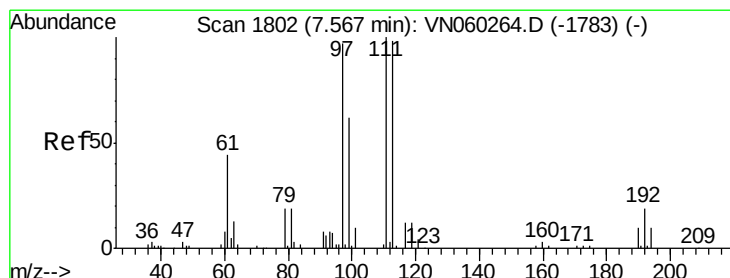
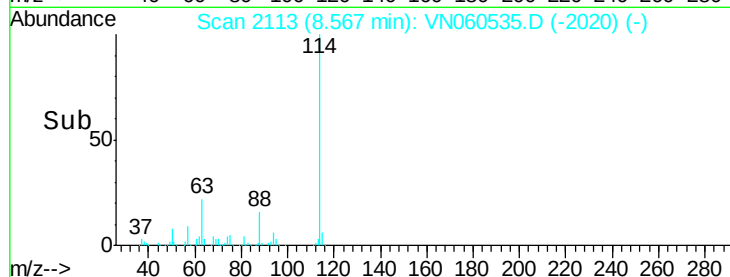
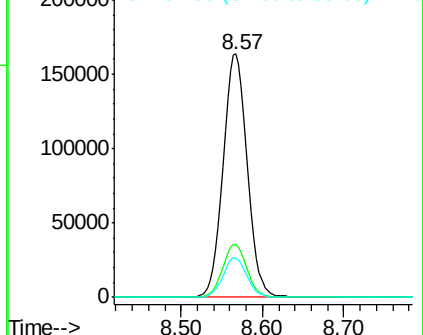
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN060535.D
Acq: 16 Mar 2020 19:46

Instrument :
MSVOA_N
ClientSampleId :
PB127541ZHE#08

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	43.2
88	16.2	0.0	31.6

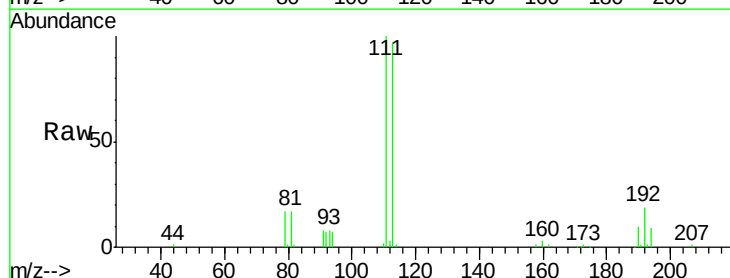


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

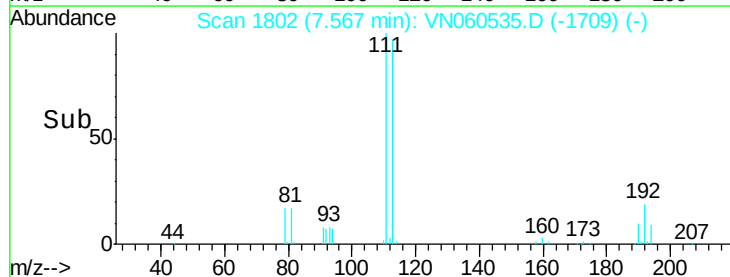
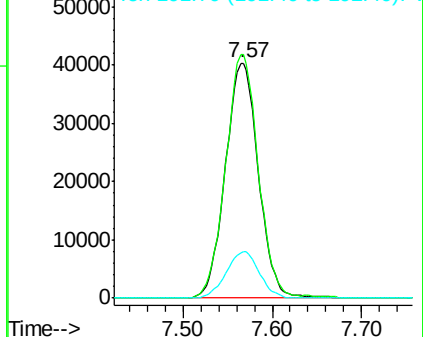


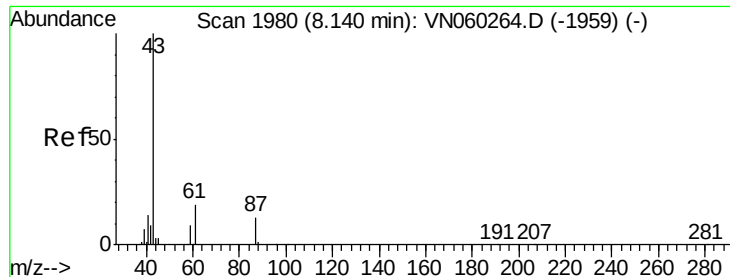
#35
Dibromofluoromethane
Concen: 64.838 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN060535.D
Acq: 16 Mar 2020 19:46

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.4	123.6
192	19.7	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: 9.339 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN060535.D

Acq: 16 Mar 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#08

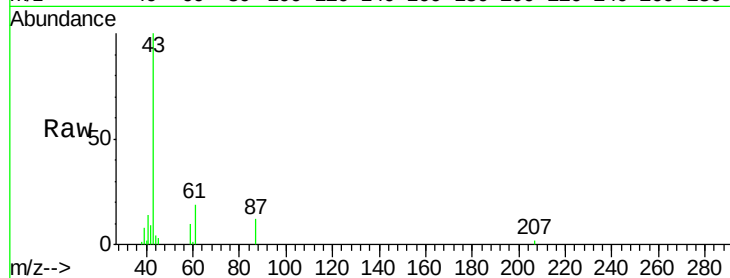
Tot Ion: 43 Resp: 50650

Ion Ratio Lower Upper

43 100

61 18.8 20.9 31.3#

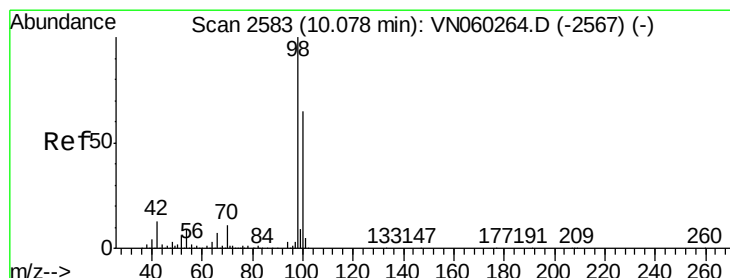
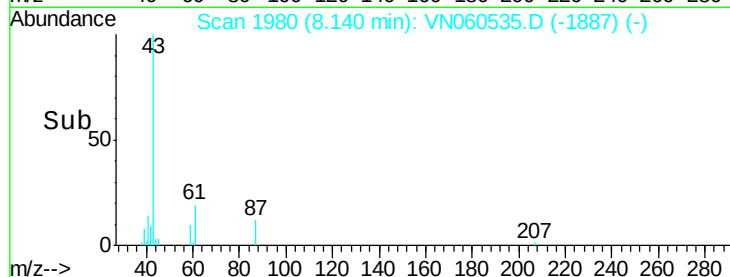
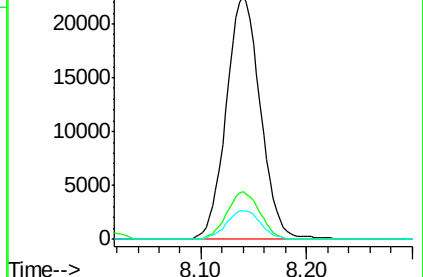
87 11.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN060264.D (-1959) (-)

Ion 61.00 (60.70 to 61.70): VN060264.D (-1959) (-)

Ion 87.00 (86.70 to 87.70): VN060264.D (-1959) (-)



#50

Toluene-d8

Concen: 52.904 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060535.D

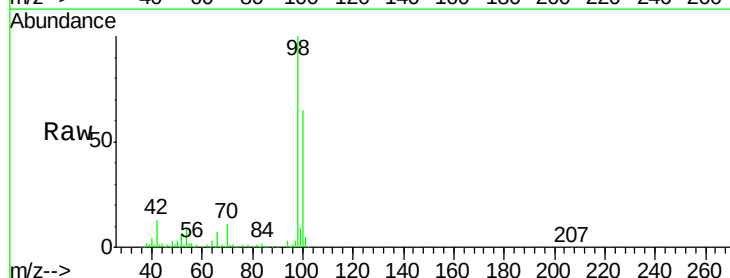
Acq: 16 Mar 2020 19:46

Tgt Ion: 98 Resp: 426674

Ion Ratio Lower Upper

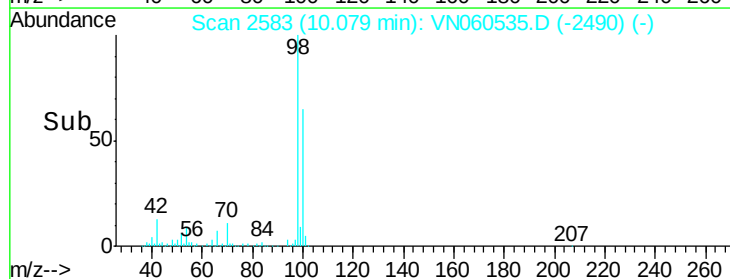
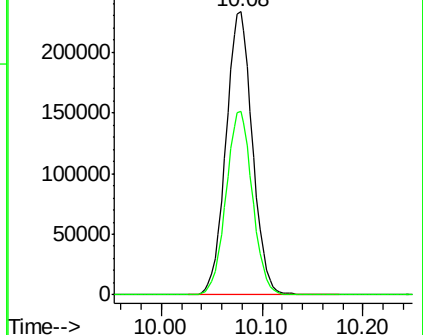
98 100

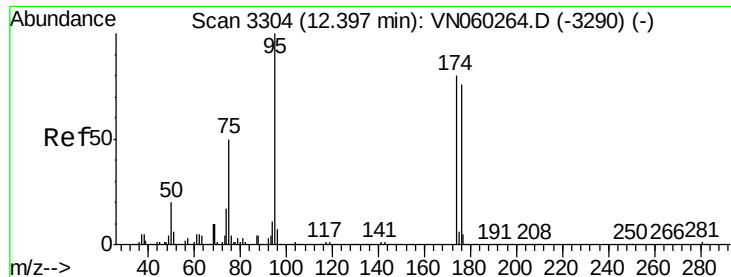
100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VN060264.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN060264.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 51.982 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060535.D

Acq: 16 Mar 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#08

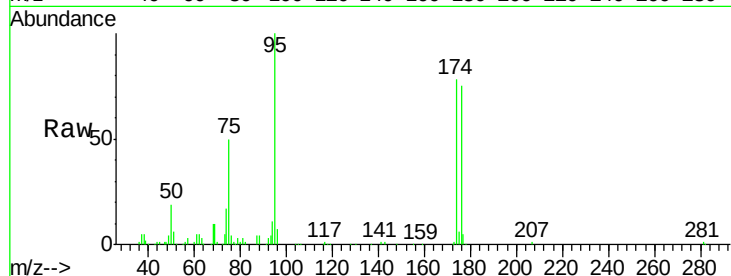
Tot Ion: 95 Resp: 158924

Ion Ratio Lower Upper

95 100

174 78.6 0.0 159.2

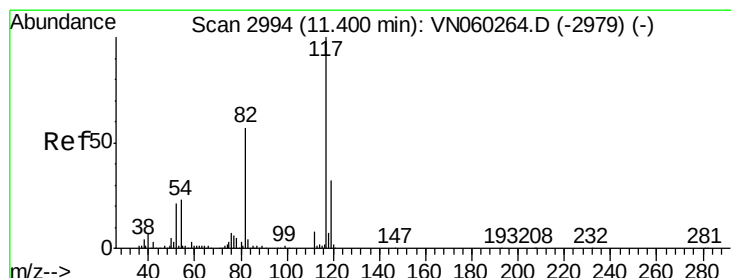
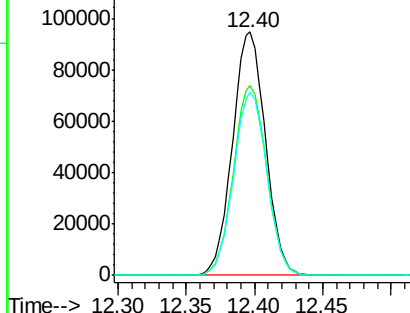
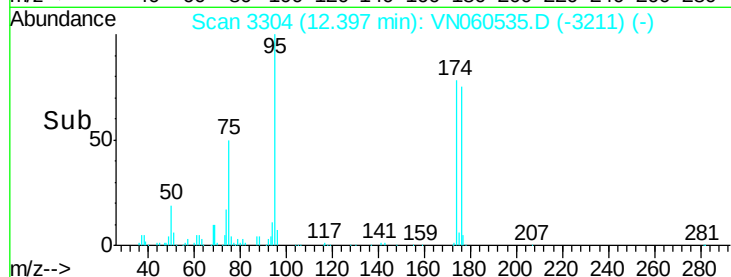
176 76.0 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VN060535.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060535.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060535.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060535.D

Acq: 16 Mar 2020 19:46

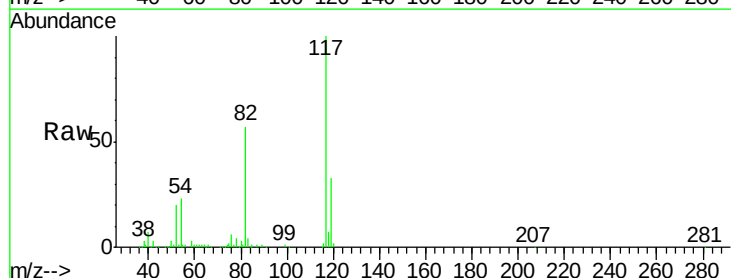
Tgt Ion: 117 Resp: 323802

Ion Ratio Lower Upper

117 100

82 56.8 45.8 68.6

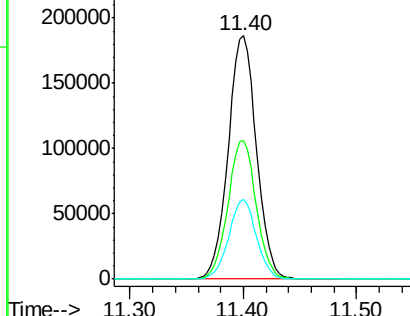
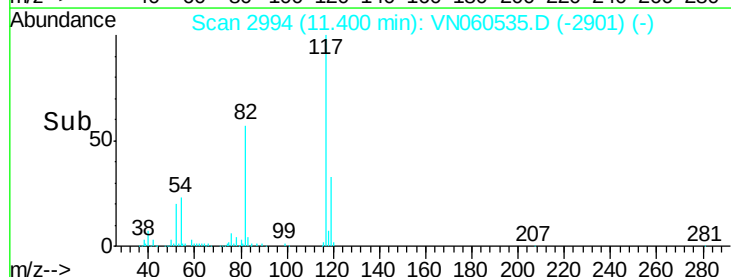
119 32.5 25.8 38.8

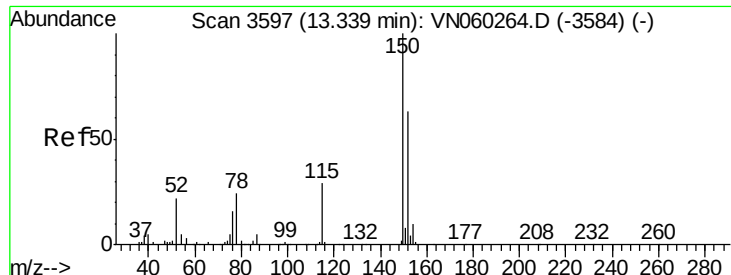


Abundance Ion 116.90 (116.60 to 117.60): VN060535.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060535.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060535.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: VN060535.D

Acq: 16 Mar 2020 19:46

Instrument :

MSVOA_N

ClientSampleId :

PB127541ZHE#08

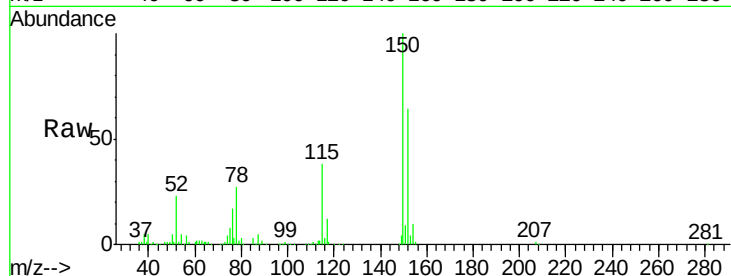
Tot Ion:152 Resp: 148018

Ion Ratio Lower Upper

152 100

115 60.1 30.0 90.0

150 157.1 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

